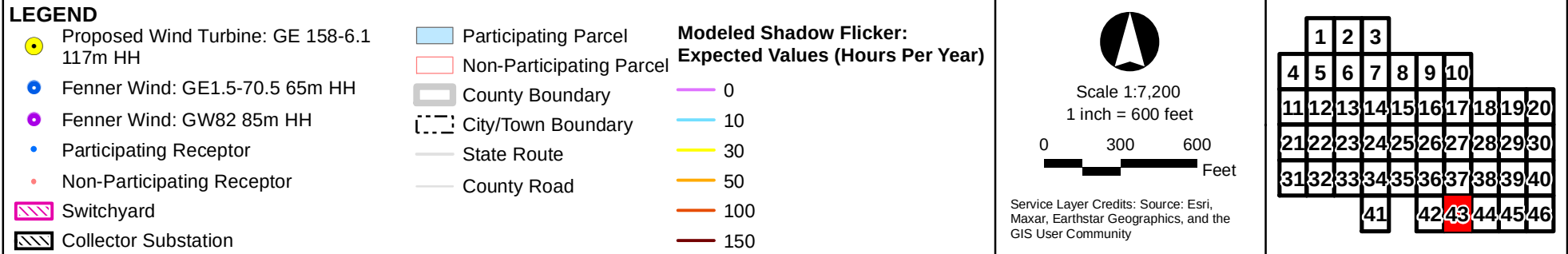






G:\Projects\2\NY\16239\MXD\11x17\Flicker\D-1_Cumulative Shadow Flicker Modeling Results_Map_Series_11x17_20240917.mxd





G:\Projects\2\NY16239\MD\11x17\Flicker\D-1 Cumulative Shadow Flicker Modeling Results Map Series 11x17 20240917.mxd



LEGEND

- Proposed Wind Turbine: GE 158-6.1 117m HH
- Fenner Wind: GE1.5-70.5 65m HH
- Fenner Wind: GW82 85m HH
- Participating Receptor
- Non-Participating Receptor
- Switchyard
- Collector Substation
- Participating Parcel
- Non-Participating Parcel
- County Boundary
- City/Town Boundary
- State Route
- County Road

**Modeled Shadow Flicker:
Expected Values (Hours Per Year)**

- 0
- 10
- 30
- 50
- 100
- 150

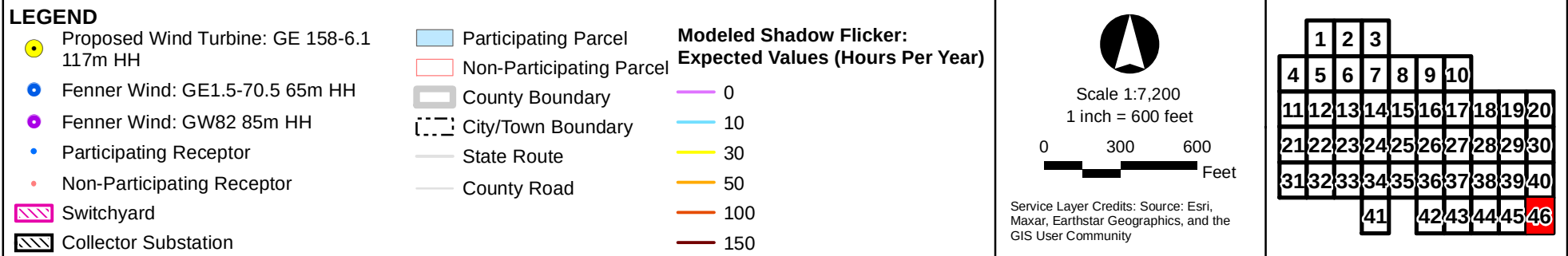
Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3							
4	5	6	7	8	9	10			
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
						41	42	43	44
							45	46	





6.0 SHADOW FLICKER MONITORING AND MITIGATION

6.1 Monitoring and Mitigation

The Applicant intends to conduct further shadow flicker assessments prior to the start of construction. These assessments will be based on the final Project layout and turbine model selected and will incorporate site-specific information on the visibility individual non-participating residential receptors will have of those turbines with the potential to cause shadow flicker. For those non-participating residential receptors that continue to exceed the 30-hour annual threshold, the Applicant intends to secure GNAs or use shadow flicker detection and prevention technology to curtail turbines contributing to exceedances and meet the 30-hour annual threshold.

To comply with 16 NYCRR §1100-2.9(d)(6), select wind turbines will be curtailed as needed to reduce shadow flicker below the 30-hour threshold using a Vestas Shadow Flicker Control (VSFC) system for the V150-4.5 turbines, a Nordex Shadow Flicker Module (SFM-V4.0) system for the N149-4.X TS 108 turbines, or a GE Shadow Flicker Management System (GESFMS) for the GE 158-6.1 turbines. Details for the Vestas Shadow Flicker Control system are found in the Vestas literature in Appendix E, details for the Nordex Shadow Flicker Module are found in the Nordex literature in Appendix F, and details for the GE Shadow Flicker Management System are found in the GE literature in Appendix G.

To address the largest number of non-participating residential receptors over 30 hours per year of shadow flicker for the worst-case wind turbine being proposed (GE 158-6.1), Table 6-1 identifies the twenty (20) specific wind turbines that will have the GESFMS installed. These wind turbines were selected by the Applicant based on a receptor-by-receptor evaluation of the GE 158-6.1 shadow flicker results, as shown earlier in Table 5-3. For the N149-4.X TS 108 wind turbine or the V150-4.5 wind turbine, a smaller subset of wind turbines would be required to have shadow flicker curtailment software, as fewer non-participating residences exceed the 30-hour shadow flicker threshold. The GESFMS on each wind turbine in Table 6-1 will be programmed with all periods that shadow flicker is possible (i.e. worst-case) at the twenty-nine (29) non-participating residential receptors modeled with over 30 hours of annual shadow flicker for the GE 158-6.1. Table H-1 in Appendix H identifies these possible mitigation periods, sorted by receptor and then by date for all twenty-nine (29) non-participating residences with the GE 158-6.1.

The shadow flicker curtailment software (VSFC, SFM-V4.0 or GESFMS) will make real-time measurements of the potential for shadow flicker using light intensity sensor(s) installed on the wind turbines shown in Table 6-1. If shadow flicker is possible based on the time of day/time of year and solar/cloud conditions, and the wind turbine is operational, the shadow flicker curtailment software may shut down the respective wind turbine until shadow flicker is no longer possible. Turbine shutdown will not necessarily occur during every possible occurrence of shadow flicker. The shadow flicker curtailment software system will keep a running tally of shadow flicker time such that a total of 30 hours/year will not be exceeded at these receptors.

The mitigation method described above will limit shadow flicker to a total of no more than 30 hours/year from the respective Hoffman Falls Wind Project turbines at the identified twenty-nine (29) non-participating residential receptors. As noted above, to further address these locations that are currently modeled to exceed 30 hours of shadow flicker per year, the Applicant intends to conduct further shadow flicker assessments prior to the start of construction. These assessments will be based on the final Project layout and turbine model selected and will incorporate site-specific information on the visibility individual non-participating residential receptors will have of those turbines with the potential to cause shadow flicker. For those non-participating residential receptors that continue to exceed the 30-hour annual threshold, the Applicant intends to secure Good Neighbor Agreements (GNAs) or use the shadow flicker detection and prevention technology to curtail turbines contributing to exceedances and meet the 30-hour annual threshold. Shadow flicker durations from the Project with mitigation included at the twenty-nine (29) non-participating residential receptors modeled for the worst-case wind turbine being proposed (GE 158-6.1) are presented in Table 6-2. For reference and comparison, the durations without mitigation (from Table 5-3) are also presented. It can be seen from Table 6-2 that the shadow flicker durations at the twenty-nine (29) non-participating residential receptors originally above 30 hours per year with the GE 158-6.1 wind turbine have been reduced to no more than 30 hours per year by utilizing the GESFMS on certain wind turbines. Based on a review of the results in Table 6-2 and the results in Appendix B, the maximum duration of annual shadow flicker at a non-participating residence will be 29 hours, 3 minutes (receptor 1830) for the worst-case (GE 158-6.1) wind turbine. Therefore, the Hoffman Falls Wind Project will comply with the 30 hours per year shadow flicker limit at non-participating residences.

Table 6-1 Wind Turbines with Curtailment Software Installed – GE 158-6.1

Wind Turbine ID
T-1
T-2
T-3
T-4
T-7
T-8
T-10
T-11
T-12
T-14
T-15
T-16
T-17
T-18
T-19
T-20
T-21
T-22
T-23
T-24

Table 6-2 Receptors over 30 hours/year – Mitigation Results (GE 158-6.1)

Modeling Receptor ID	Tax Parcel ID	Participation Category	Annual Shadow Flicker without Mitigation (HH:MM)	Annual Shadow Flicker with Mitigation (HH:MM)
454	110.-1-4.1	Non-Participating	37:25	<30:00
553	99.-1-44.1	Non-Participating	31:54	<30:00
692	98.-3-14.2	Non-Participating	34:35	<30:00
699	99.-1-4	Non-Participating	48:01	<30:00
700	99.-1-31	Non-Participating	36:21	<30:00
1173	99.-1-36.12	Non-Participating	60:44	<30:00
1809	97.-2-3	Non-Participating	31:36	<30:00
1810	97.-2-2.22	Non-Participating	39:45	<30:00
1812	97.-2-2.21	Non-Participating	33:57	<30:00
1818	88.-2-12.2	Non-Participating	32:10	<30:00
1832	87.-2-67.8	Non-Participating	33:18	<30:00
1833	87.-2-67.3	Non-Participating	32:48	<30:00
1834	87.-2-67.12	Non-Participating	32:09	<30:00
1835	87.-2-67.21	Non-Participating	45:32	<30:00
1836	87.-2-67.13	Non-Participating	45:37	<30:00
1837	87.-2-65.1	Non-Participating	33:04	<30:00
1845	87.-2-67.62	Non-Participating	43:20	<30:00
1846	87.-2-64	Non-Participating	46:40	<30:00
1847	87.-1-55.2	Non-Participating	48:36	<30:00
1848	87.-2-56.12	Non-Participating	32:20	<30:00
1872	88.-1-5.3	Non-Participating	32:22	<30:00
1874	88.-1-5.111	Non-Participating	33:45	<30:00
1876	88.-1-5.12	Non-Participating	42:22	<30:00
1877	88.-1-5.23	Non-Participating	46:36	<30:00
1878	88.-1-5.112	Non-Participating	42:15	<30:00
2084	98.-3-11.12	Non-Participating	33:48	<30:00
2085	98.-3-11.1	Non-Participating	40:10	<30:00
2105	98.-3-5.112	Non-Participating	31:13	<30:00
2106	98.-3-5.12	Non-Participating	38:10	<30:00

6.2 Responding to Complaints

The Applicant seeks to minimize shadow flicker exposure at residences in the area as much as possible, while also meeting other Project design constraints. In cases where Hoffman Falls Wind receives a shadow flicker-related complaint, it will be addressed through the Hoffman Falls Wind

Project Complaint Management Plan that will follow as described in 16 NYCRR § 1100-10.2(e)(7) of the Article VIII regulations. The Applicant is committed to the following steps in response to participating residents who submit complaints for shadow flicker that are not subject to the 30-hour annual limit:

- Meet with the homeowner to determine the specifics of their complaint.
- Investigate the cause of the complaint.
- Provide the homeowner with reasonable mitigation alternatives including, as appropriate, shades, blinds, awnings, or plantings to significantly reduce the number of hours of shadow flicker inside the home.

7.0 CONCLUSIONS

A shadow flicker analysis was conducted to determine the location of shadow flicker and model the duration of shadow flicker in the vicinity of the proposed Hoffman Falls Wind Project. A regulatory limit of 30 hours per year of shadow flicker at non-participating residential receptors has been established in 16 NYCRR §1100-2.9(d)(6). The shadow flicker modeling analysis included twenty-four (24) proposed wind turbines, and three wind turbine models: Vestas V150-4.5, Nordex N149-4.X TS108, and GE 158-6.1. A receptor dataset containing a total of 2,333 receptors within a 2-mile radius of any proposed wind turbine or substation was included in the analysis. All three wind turbine generators under consideration by the Applicant were analyzed using WindPRO to assess their shadow flicker impacts. The duration of shadow flicker was modeled for all receptors located within 10 times the rotor diameter of the turbine model being evaluated (the Study Area). Shadow flicker isolines were generated for the worst-case wind turbine being proposed (GE 158-6.1) (see Figure 5-2). However, the modeling results are inherently conservative because modeling receptors are treated as “greenhouses” (i.e., it is assumed that sunlight can enter the structure from any angle) and all of the receptors were modeled without obstacles such as vegetation or structures that could block the shadow flicker effect (“bare earth”).

The number of non-participating residences over 30 hours per year of shadow flicker for the three turbine generators ranged from 19 for the V150-4.5 wind turbine model, 20 for the N149-4.X TS108 wind turbine model, and 29 for the GE 158-6.1 wind turbine model. The maximum, unmitigated annual shadow flicker impact at an individual non-participating residence (#1173) for the worst-case (GE 158-6.1) wind turbine model is 61 hours, 8 minutes.

With respect to the worst-case (GE 158-6.1) 29 non-participating residential receptors over 30 hours of shadow flicker per year, even if the Applicant were unsuccessful in securing Good Neighbor agreements with any of these receptors,⁶ compliance via the use of curtailment is obtainable, as shown in Section 6.1. Mitigation with the use of shadow flicker curtailment software, such as the GESFMS with the GE 158-6.1, would be used on each wind turbine identified in Table 6-1. These wind turbines would be programmed with all periods that shadow flicker is possible (i.e. worst-case) at the 29 non-participating residential receptors modeled with over 30 hours of annual shadow flicker.

Ultimately, the Applicant intends to prepare an updated shadow flicker analysis once the final turbine model has been selected, the turbine layout has been finalized, and all real estate discussions have concluded. The actual amount of shadow flicker that will be produced by the proposed Project will be dependent on the final number of wind turbines, the final wind turbine

⁶ As noted in the executive summary above, for the purposes of this report, it is assumed that all residences located outside the Facility Site are “non-participating residences.” The Applicant is actively pursuing and/or has secured Good Neighbor Agreements with landowners located outside the Facility Site that may be impacted by shadow flicker (see Appendix 4-B).

design layout, the final wind turbine model selected for the Project, and the visibility individual non-participating residential receptors will have of those turbines with the potential to cause shadow flicker. The final layout, design, and real estate agreement information (Project participation) for the Project will be used to determine the exact amount of shadow flicker curtailment mitigation needed to ensure the maximum annual shadow flicker duration will be below 30 hours/year for all non-participating residences across the Project. Therefore, the Hoffman Falls Wind Project will comply with the shadow flicker limit in 16 NYCRR §1100-2.9(d)(6).

Appendix A

Wind Turbines in the WindPRO Model

Table A-1: Point Sources in the WindPro Model- Vestas V150-4.5

ID	Relative Source Height	Coordinates NAD83 2011 State Plane New York Central (FIPS 3102)		Elevation + Source Height
				Z
	(m)	(m)	(m)	(m)
T-1	120	316079.18	327797.51	629.3
T-2	120	316464.67	327241.09	606.6
T-3	120	317162.59	326558.12	644.9
T-4	120	317344.48	326098.05	670.1
T-5	120	318277.98	329180.79	676.9
T-6	120	318335.54	328680.66	682.8
T-7	120	318406.30	327933.25	652.4
T-8	120	318805.78	328314.33	677.8
T-9	120	319236.90	328840.97	663.0
T-10	120	319222.59	327833.38	669.5
T-11	120	319886.39	326276.95	654.1
T-12	120	320215.58	326775.39	626.1
T-13	120	321899.62	324539.88	621.7
T-14	120	321956.50	326593.21	612.0
T-15	120	322127.33	326126.69	611.3
T-16	120	323265.68	323761.80	606.8
T-17	120	323985.95	324982.41	577.7
T-18	120	324162.63	324536.06	565.8
T-19	120	326001.74	325139.15	613.7
T-20	120	326192.76	323945.70	622.9
T-21	120	326188.49	324570.21	627.8
T-22	120	327340.85	324259.93	604.3
T-23	120	327464.71	324996.65	572.8
T-24	120	323330.16	326693.91	576.4

Table A-2: Point Sources in the WindPro Model- Nordex N149-4.X TS 108

ID	Relative Source Height	Coordinates NAD83 2011 State Plane New York Central (FIPS 3102)		Elevation + Source Height
				Z
	(m)	(m)	(m)	(m)
T-1	108	316079.18	327797.51	617.3
T-2	108	316464.67	327241.09	594.6
T-3	108	317162.59	326558.12	632.9
T-4	108	317344.48	326098.05	658.1
T-5	108	318277.98	329180.79	664.9
T-6	108	318335.54	328680.66	670.8
T-7	108	318406.30	327933.25	640.4
T-8	108	318805.78	328314.33	665.8
T-9	108	319236.90	328840.97	651.0
T-10	108	319222.59	327833.38	657.5
T-11	108	319886.39	326276.95	642.1
T-12	108	320215.58	326775.39	614.1
T-13	108	321899.62	324539.88	609.7
T-14	108	321956.50	326593.21	600.0
T-15	108	322127.33	326126.69	599.3
T-16	108	323265.68	323761.80	594.8
T-17	108	323985.95	324982.41	565.7
T-18	108	324162.63	324536.06	553.8
T-19	108	326001.74	325139.15	601.7
T-20	108	326192.76	323945.70	610.9
T-21	108	326188.49	324570.21	615.8
T-22	108	327340.85	324259.93	592.3
T-23	108	327464.71	324996.65	560.8
T-24	108	323330.16	326693.91	564.4

Table A-3: Point Sources in the WindPro Model- General Electric GE158-6.1

ID	Relative Source Height	Coordinates NAD83 2011 State Plane New York Central (FIPS 3102)		Elevation + Source Height
				Z
	(m)	(m)	(m)	(m)
T-1	117	316079.18	327797.51	626.3
T-2	117	316464.67	327241.09	603.6
T-3	117	317162.59	326558.12	641.9
T-4	117	317344.48	326098.05	667.1
T-5	117	318277.98	329180.79	673.9
T-6	117	318335.54	328680.66	679.8
T-7	117	318406.30	327933.25	649.4
T-8	117	318805.78	328314.33	674.8
T-9	117	319236.90	328840.97	660.0
T-10	117	319222.59	327833.38	666.5
T-11	117	319886.39	326276.95	651.1
T-12	117	320215.58	326775.39	623.1
T-13	117	321899.62	324539.88	618.7
T-14	117	321956.50	326593.21	609.0
T-15	117	322127.33	326126.69	608.3
T-16	117	323265.68	323761.80	603.8
T-17	117	323985.95	324982.41	574.7
T-18	117	324162.63	324536.06	562.8
T-19	117	326001.74	325139.15	610.7
T-20	117	326192.76	323945.70	619.9
T-21	117	326188.49	324570.21	624.8
T-22	117	327340.85	324259.93	601.3
T-23	117	327464.71	324996.65	569.8
T-24	117	323330.16	326693.91	573.4

Appendix B

Shadow Flicker Modeling Results - Annual: Discrete Points

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0
394	Year-Round Residence	Non-Participating	324602.97	323042.45	0:00	0	0:00	0
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0
453	Year-Round Residence	Non-Participating	322840.82	323525.82	49:20	60	15:31	931
454	Year-Round Residence	Non-Participating	322770.63	323572.25	110:33	69	35:06	2106
455	Year-Round Residence	Non-Participating	322644.45	323527.32	86:14	55	27:23	1643
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0
508	Year-Round Residence	Non-Participating	327288.39	323447.52	28:12	31	9:39	579
509	Year-Round Residence	Non-Participating	327335.06	323449.52	31:41	30	10:51	651
510	Year-Round Residence	Non-Participating	327391.76	323456.44	32:51	29	11:15	675
511	Year-Round Residence	Non-Participating	327576.50	323465.03	16:23	25	5:33	333
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0
516	Year-Round Residence	Non-Participating	328672.21	323635.95	21:45	26	7:27	447
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0
527	Year-Round Residence	Non-Participating	328542.55	324881.84	31:43	32	8:51	531
528	Year-Round Residence	Non-Participating	328724.14	324956.55	13:12	28	4:06	246
529	Year-Round Residence	Non-Participating	328534.45	324976.61	31:01	32	8:06	486
530	Year-Round Residence	Non-Participating	328333.33	325321.72	35:08	37	7:14	434
531	Year-Round Residence	Non-Participating	328415.82	325312.78	19:29	34	4:47	287
532	Year-Round Residence	Non-Participating	328667.48	325315.61	12:44	28	3:12	192
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0
537	Year-Round Residence	Non-Participating	327087.71	323490.62	6:36	19	2:12	132
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0
539	Year-Round Residence	Non-Participating	327028.98	323617.64	41:54	41	14:17	857
540	Year-Round Residence	Non-Participating	327012.42	323661.50	52:49	42	17:55	1075
541	Year-Round Residence	Non-Participating	326962.47	323754.45	65:37	44	21:47	1307
542	Year-Round Residence	Non-Participating	326946.82	323784.39	61:29	46	20:12	1212
543	Year-Round Residence	Non-Participating	326931.48	323842.78	47:38	47	15:23	923
552	Year-Round Residence	Non-Participating	326755.39	325346.80	82:19	44	18:26	1106
553	Year-Round Residence	Non-Participating	327187.08	325373.13	161:59	103	29:35	1775
554	Year-Round Residence	Non-Participating	327684.86	325423.87	100:57	75	15:28	928
555	Year-Round Residence	Non-Participating	327986.87	325353.51	53:09	54	10:58	658
556	Year-Round Residence	Non-Participating	328153.86	325350.10	33:48	44	7:43	463
557	Year-Round Residence	Non-Participating	328156.33	325593.76	50:11	40	8:01	481
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0
617	Year-Round Residence	Non-Participating	326708.71	325510.49	72:59	48	14:53	893
618	Year-Round Residence	Non-Participating	326712.96	325555.38	82:18	48	15:43	943
619	Year-Round Residence	Non-Participating	326695.20	325726.06	73:06	57	11:57	717
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0
653	Year-Round Residence	Non-Participating	326572.88	325697.83	98:47	77	16:05	965
654	Year-Round Residence	Non-Participating	326496.07	325713.02	94:45	78	15:09	909
655	Year-Round Residence	Non-Participating	326404.00	325722.64	75:14	69	11:49	709
656	Year-Round Residence	Non-Participating	326367.51	325624.10	98:40	74	15:44	944
657	Year-Round Residence	Non-Participating	326332.81	325715.92	54:24	48	8:31	511
658	Year-Round Residence	Non-Participating	326307.12	325606.54	97:04	65	15:11	911
659	Year-Round Residence	Non-Participating	326269.00	325693.83	43:04	46	6:43	403
660	Year-Round Residence	Non-Participating	326224.58	325615.64	71:57	64	11:13	673
661	Year-Round Residence	Non-Participating	326198.44	325709.84	13:07	25	2:21	141
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0
678	Year-Round Residence	Non-Participating	324383.65	327571.59	28:10	27	4:18	258
679	Year-Round Residence	Non-Participating	324665.78	327336.01	10:40	24	2:15	135
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0
682	Year-Round Residence	Non-Participating	325269.53	325663.08	42:18	63	8:39	519
683	Year-Round Residence	Non-Participating	325279.20	325628.61	44:05	64	9:16	556
684	Year-Round Residence	Non-Participating	325296.66	325606.08	46:47	65	9:56	596
685	Year-Round Residence	Non-Participating	325319.64	325594.68	47:50	66	10:16	616
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0
690	Year-Round Residence	Non-Participating	323743.37	327378.89	11:34	27	1:33	93
691	Year-Round Residence	Non-Participating	323948.14	326728.54	52:08	54	16:07	967
692	Year-Round Residence	Non-Participating	323917.32	326574.41	97:40	58	31:59	1919
693	Year-Round Residence	Non-Participating	323939.22	326503.06	73:41	57	24:51	1491
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0
697	Year-Round Residence	Non-Participating	324282.81	325570.53	29:32	45	4:13	253
698	Year-Round Residence	Non-Participating	324363.05	325478.61	79:35	58	12:15	735
699	Year-Round Residence	Non-Participating	324594.92	324913.88	168:49	74	42:05	2525
700	Year-Round Residence	Non-Participating	324831.93	324371.68	103:48	51	33:26	2006
701	Year-Round Residence	Non-Participating	324991.93	323830.97	15:05	29	4:44	284
703	Year-Round Residence	Non-Participating	322846.05	326170.30	67:00	47	21:16	1276
704	Year-Round Residence	Non-Participating	322857.95	326139.50	58:21	47	18:37	1117
705	Year-Round Residence	Non-Participating	323158.90	325496.31	32:13	37	6:06	366
706	Year-Round Residence	Non-Participating	323320.03	324905.64	88:01	52	24:53	1493
708	Year-Round Residence	Non-Participating	323690.28	324591.21	83:38	69	25:16	1516
709	Year-Round Residence	Non-Participating	323599.59	324540.28	64:55	60	20:09	1209
710	Year-Round Residence	Non-Participating	324371.67	323917.57	15:29	31	4:19	259
711	Year-Round Residence	Non-Participating	322599.52	325185.83	58:02	38	10:07	607
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0
715	Seasonal Residence	Non-Participating	326701.27	325635.06	78:07	53	13:53	833
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	44:27	52	11:00	660
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	12:48	25	2:23	143
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	11:58	25	2:20	140
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	85:34	76	12:53	773
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	221:25	85	55:39	3339
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	56:00	43	14:24	864
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	10:10	24	3:08	188
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	0:00	0
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	37:26	31	11:44	704
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	16:06	28	5:00	300
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	23:24	29	6:21	381
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	23:17	36	4:49	289
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	56:11	48	15:44	944
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	67:21	51	10:21	621
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:00	0
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:00	0
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	0:00	0
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	0:00	0
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	0:00	0
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	0:00	0
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	0:00	0
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	0:00	0
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	0:00	0
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	0:00	0
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	0:00	0
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	0:00	0
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	0:00	0
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	0:00	0
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	0:00	0
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	0:00	0
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	0:00	0
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	0:00	0
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	0:00	0
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	0:00	0
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	0:00	0
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	0:00	0
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	0:00	0
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	0:00	0
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	0:00	0
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	0:00	0
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	0:00	0
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	0:00	0
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	0:00	0
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	0:00	0
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:00	0
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:00	0
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:00	0
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:00	0
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:00	0
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:00	0
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:00	0
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:00	0
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	0:00	0
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	0:00	0
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	0:00	0
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	0:00	0
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	0:00	0
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	0:00	0
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	0:00	0
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	0:00	0
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	0:00	0
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	0:00	0
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	0:00	0
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	0:00	0
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	0:00	0
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	0:00	0
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	0:00	0
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	0:00	0
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	0:00	0
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	0:00	0
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	12:08	25	2:39	159
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	15:23	28	3:15	195
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	9:20	24	2:39	159
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	9:33	24	2:45	165

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	0:00	0	0:00	0
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	20:29	38	3:10	190
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	40:53	43	8:01	481
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	28:46	39	6:32	392
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	51:54	42	10:53	653
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	11:08	25	2:40	160
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	11:18	25	2:33	153
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	14:41	26	2:46	166
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	14:35	25	2:41	161
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	22:27	27	3:43	223
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	77:55	44	23:47	1427
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	10:23	25	3:04	184
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	13:48	29	3:55	235
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	14:30	30	4:10	250
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	17:11	32	5:13	313
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	9:36	24	2:44	164
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	9:59	25	2:53	173
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	10:19	25	3:02	182
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	9:15	24	2:41	161
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	9:04	23	2:38	158
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	0:00	0	0:00	0
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	9:28	24	2:48	168
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	9:20	24	2:45	165
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	9:08	23	2:41	161
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	8:53	23	2:36	156
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	0:00	0	0:00	0
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	0:00	0	0:00	0
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	0:00	0	0:00	0
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	0:00	0	0:00	0
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	23:23	29	7:23	443
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	15:25	25	4:50	290
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	10:16	24	3:09	189
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	12:29	27	3:50	230
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	12:01	26	3:45	225
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	23:50	28	6:53	413
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	13:29	26	4:11	251
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	16:08	25	5:05	305
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	17:50	25	5:40	340
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	27:18	26	8:41	521
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	0:00	0	0:00	0
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	0:00	0	0:00	0
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	0:00	0	0:00	0
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	91:02	54	28:24	1704
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	124:47	57	35:22	2122
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	66:23	44	16:09	969
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	118:42	52	25:07	1507
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	95:18	46	19:18	1158
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	77:32	46	15:30	930
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	95:04	53	21:45	1305
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	50:39	48	12:21	741
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	56:31	50	12:42	762

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	132:34	71	27:51	1671
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	104:23	58	19:49	1189
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	88:15	52	15:43	943
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	59:50	49	10:50	650
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	38:02	39	7:25	445
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	14:54	31	4:12	252
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	28:33	31	7:58	478
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	19:13	29	5:06	306
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	33:18	34	9:32	572
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	44:50	38	13:07	787
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	88:17	51	26:38	1598
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	59:17	41	19:03	1143
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	97:45	54	30:18	1818
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	95:05	59	29:44	1784
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	91:15	55	28:22	1702
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	143:18	81	39:56	2396
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	147:41	73	41:25	2485
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	119:36	64	28:02	1682
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	98:10	64	17:07	1027
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	51:38	43	13:40	820
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	39:36	38	10:45	645
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	36:55	36	10:48	648
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	32:33	34	9:27	567
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	30:42	32	8:56	536
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	152:59	73	38:48	2328
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	176:50	68	38:57	2337
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	191:53	81	44:11	2651
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	128:53	64	26:40	1600
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	37:54	47	11:10	670
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	46:11	52	13:13	793
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	43:35	51	11:29	689
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	36:01	47	9:44	584
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	34:58	46	8:34	514
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	49:13	40	7:37	457
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	38:43	39	5:51	351
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	29:37	37	4:23	263
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	64:12	33	15:39	939
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	0:00	0	0:00	0
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	23:03	27	6:34	394
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	22:08	27	6:08	368
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	24:04	28	6:25	385
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	28:16	30	7:52	472

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	27:56	30	7:26	446
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	29:34	31	8:09	489
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	38:51	34	8:52	532
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	38:59	35	9:53	593
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	45:08	37	11:13	673
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	66:45	46	17:59	1079
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	79:20	57	23:20	1400
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	87:22	59	26:39	1599
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	99:30	56	30:45	1845
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	125:08	64	38:30	2310
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	131:24	64	41:13	2473
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	115:57	64	36:32	2192
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	74:32	87	11:43	703
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	66:02	86	10:17	617
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	54:28	84	8:08	488
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	41:29	64	6:01	361
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	34:56	41	6:27	387
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	28:28	38	5:30	330
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	59:12	39	11:25	685
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	29:47	27	5:45	345
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	43:23	44	7:19	439
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	60:28	46	10:04	604
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	44:01	38	7:07	427
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	41:18	41	9:17	557
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	51:31	43	14:24	864
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	96:03	43	25:37	1537
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	81:16	38	19:34	1174
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	84:01	38	19:11	1151
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	71:23	49	17:49	1069
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	100:09	49	20:01	1201
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	57:41	47	16:25	985
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	58:05	43	19:04	1144
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	34:41	48	5:39	339
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	12:44	29	3:08	188
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	11:10	24	1:53	113
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	21:24	24	3:44	224
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	11:44	26	2:20	140
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	36:35	30	8:07	487
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	19:02	32	3:33	213
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	39:35	39	7:44	464
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	67:35	35	15:54	954
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	37:32	26	9:20	560

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	19:26	25	3:55	235
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	72:07	39	16:24	984
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	45:03	40	7:54	474
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	36:55	38	6:46	406
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	15:53	26	3:36	216
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	27:40	31	5:36	336
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	11:07	27	3:09	189
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	21:18	33	3:57	237
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:00	0
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:00	0
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	0:00	0
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	0:00	0
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	0:00	0
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	0:00	0
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:00	0
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	0:00	0
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	0:00	0
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	0:00	0
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	15:30	28	2:10	130
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	0:00	0
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	0:00	0
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	0:00	0
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	0:00	0
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	0:00	0
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	0:00	0
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	0:00	0
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:00	0
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:00	0
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:00	0
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:00	0
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	0:00	0
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:00	0
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	12:16	24	1:55	115
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	104:57	82	17:54	1074
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	101:07	85	19:02	1142
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	101:58	64	18:12	1092
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	76:35	88	18:10	1090
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	77:23	90	19:23	1163
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	129:44	97	30:54	1854
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	154:02	97	36:33	2193
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	0:00	0	0:00	0
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	1:10	8	0:08	8
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	75:37	65	12:12	732
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	41:36	33	7:23	443
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	26:58	29	4:45	285
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	22:13	28	3:58	238
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	12:11	24	2:10	130
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	84:45	51	18:29	1109
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	95:54	42	28:10	1690
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	112:53	40	34:52	2092
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	70:06	37	21:54	1314
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	40:55	31	12:51	771
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	55:56	63	17:58	1078
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	71:16	61	23:51	1431
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	70:19	67	23:03	1383
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	78:28	53	24:54	1494
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	75:47	36	23:57	1437
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	0:00	0	0:00	0
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	26:11	26	4:25	265
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	12:54	25	2:25	145
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	17:32	24	5:30	330
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	15:40	24	4:54	294
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	22:06	29	6:57	417
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	40:29	49	11:26	686
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	43:32	51	11:49	709
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	34:12	38	5:43	343
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	6:26	20	1:49	109
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	19:02	36	5:30	330
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	18:32	35	5:35	335
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	18:20	34	5:38	338
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	34:55	45	10:46	646
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	24:27	32	7:46	466
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	31:18	38	5:30	330
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	26:13	39	6:02	362
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	35:21	34	6:33	393
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	24:30	27	4:06	246
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0

Table B-1.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:00	0
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	0:00	0
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	65:17	40	19:51	1191
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	0:00	0	0:00	0
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	0:00	0	0:00	0
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	9:27	24	2:45	165
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	18:47	32	3:58	238
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors								
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	221:25	85	55:39	3339
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	221:25	85	55:39	3339
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	191:53	81	44:11	2651
699	Year-Round Residence	Non-Participating	324594.92	324913.88	168:49	74	42:05	2525
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	147:41	73	41:25	2485
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	131:24	64	41:13	2473
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	143:18	81	39:56	2396
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	176:50	68	38:57	2337
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	152:59	73	38:48	2328
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	125:08	64	38:30	2310
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	154:02	97	36:33	2193
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	115:57	64	36:32	2192
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	124:47	57	35:22	2122
454	Year-Round Residence	Non-Participating	322770.63	323572.25	110:33	69	35:06	2106
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	112:53	40	34:52	2092
700	Year-Round Residence	Non-Participating	324831.93	324371.68	103:48	51	33:26	2006
692	Year-Round Residence	Non-Participating	323917.32	326574.41	97:40	58	31:59	1919
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	129:44	97	30:54	1854
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	99:30	56	30:45	1845
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	97:45	54	30:18	1818
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	95:05	59	29:44	1784
553	Year-Round Residence	Non-Participating	327187.08	325373.13	161:59	103	29:35	1775
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	91:02	54	28:24	1704
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	91:15	55	28:22	1702
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	95:54	42	28:10	1690
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	119:36	64	28:02	1682
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	132:34	71	27:51	1671
455	Year-Round Residence	Non-Participating	322644.45	323527.32	86:14	55	27:23	1643
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	128:53	64	26:40	1600
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	87:22	59	26:39	1599
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	88:17	51	26:38	1598
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	96:03	43	25:37	1537
708	Year-Round Residence	Non-Participating	323690.28	324591.21	83:38	69	25:16	1516
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	118:42	52	25:07	1507
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	78:28	53	24:54	1494
706	Year-Round Residence	Non-Participating	323320.03	324905.64	88:01	52	24:53	1493
693	Year-Round Residence	Non-Participating	323939.22	326503.06	73:41	57	24:51	1491
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	75:47	36	23:57	1437
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	71:16	61	23:51	1431
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	77:55	44	23:47	1427
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	79:20	57	23:20	1400
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	70:19	67	23:03	1383
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	70:06	37	21:54	1314

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
541	Year-Round Residence	Non-Participating	326962.47	323754.45	65:37	44	21:47	1307
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	95:04	53	21:45	1305
703	Year-Round Residence	Non-Participating	322846.05	326170.30	67:00	47	21:16	1276
542	Year-Round Residence	Non-Participating	326946.82	323784.39	61:29	46	20:12	1212
709	Year-Round Residence	Non-Participating	323599.59	324540.28	64:55	60	20:09	1209
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	100:09	49	20:01	1201
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	65:17	40	19:51	1191
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	104:23	58	19:49	1189
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	81:16	38	19:34	1174
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	77:23	90	19:23	1163
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	95:18	46	19:18	1158
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	84:01	38	19:11	1151
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	58:05	43	19:04	1144
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	59:17	41	19:03	1143
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	101:07	85	19:02	1142
704	Year-Round Residence	Non-Participating	322857.95	326139.50	58:21	47	18:37	1117
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	84:45	51	18:29	1109
552	Year-Round Residence	Non-Participating	326755.39	325346.80	82:19	44	18:26	1106
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	101:58	64	18:12	1092
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	76:35	88	18:10	1090
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	66:45	46	17:59	1079
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	55:56	63	17:58	1078
540	Year-Round Residence	Non-Participating	327012.42	323661.50	52:49	42	17:55	1075
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	104:57	82	17:54	1074
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	71:23	49	17:49	1069
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	98:10	64	17:07	1027
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	57:41	47	16:25	985
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	72:07	39	16:24	984
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	66:23	44	16:09	969
691	Year-Round Residence	Non-Participating	323948.14	326728.54	52:08	54	16:07	967
653	Year-Round Residence	Non-Participating	326572.88	325697.83	98:47	77	16:05	965
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	67:35	35	15:54	954
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	56:11	48	15:44	944
656	Year-Round Residence	Non-Participating	326367.51	325624.10	98:40	74	15:44	944
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	88:15	52	15:43	943
618	Year-Round Residence	Non-Participating	326712.96	325555.38	82:18	48	15:43	943
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	64:12	33	15:39	939
453	Year-Round Residence	Non-Participating	322840.82	323525.82	49:20	60	15:31	931
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	77:32	46	15:30	930
554	Year-Round Residence	Non-Participating	327684.86	325423.87	100:57	75	15:28	928
543	Year-Round Residence	Non-Participating	326931.48	323842.78	47:38	47	15:23	923
658	Year-Round Residence	Non-Participating	326307.12	325606.54	97:04	65	15:11	911

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
654	Year-Round Residence	Non-Participating	326496.07	325713.02	94:45	78	15:09	909
617	Year-Round Residence	Non-Participating	326708.71	325510.49	72:59	48	14:53	893
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	51:31	43	14:24	864
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	56:00	43	14:24	864
539	Year-Round Residence	Non-Participating	327028.98	323617.64	41:54	41	14:17	857
715	Seasonal Residence	Non-Participating	326701.27	325635.06	78:07	53	13:53	833
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	51:38	43	13:40	820
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	46:11	52	13:13	793
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	44:50	38	13:07	787
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	85:34	76	12:53	773
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	40:55	31	12:51	771
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	56:31	50	12:42	762
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	50:39	48	12:21	741
698	Year-Round Residence	Non-Participating	324363.05	325478.61	79:35	58	12:15	735
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	75:37	65	12:12	732
619	Year-Round Residence	Non-Participating	326695.20	325726.06	73:06	57	11:57	717
655	Year-Round Residence	Non-Participating	326404.00	325722.64	75:14	69	11:49	709
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	43:32	51	11:49	709
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	37:26	31	11:44	704
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	74:32	87	11:43	703
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	43:35	51	11:29	689
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	40:29	49	11:26	686
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	59:12	39	11:25	685
510	Year-Round Residence	Non-Participating	327391.76	323456.44	32:51	29	11:15	675
660	Year-Round Residence	Non-Participating	326224.58	325615.64	71:57	64	11:13	673
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	45:08	37	11:13	673
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	37:54	47	11:10	670
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	44:27	52	11:00	660
555	Year-Round Residence	Non-Participating	327986.87	325353.51	53:09	54	10:58	658
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	51:54	42	10:53	653
509	Year-Round Residence	Non-Participating	327335.06	323449.52	31:41	30	10:51	651
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	59:50	49	10:50	650
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	36:55	36	10:48	648
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	34:55	45	10:46	646
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	39:36	38	10:45	645
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	67:21	51	10:21	621
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	66:02	86	10:17	617
685	Year-Round Residence	Non-Participating	325319.64	325594.68	47:50	66	10:16	616
711	Year-Round Residence	Non-Participating	322599.52	325185.83	58:02	38	10:07	607
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	60:28	46	10:04	604
684	Year-Round Residence	Non-Participating	325296.66	325606.08	46:47	65	9:56	596
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	38:59	35	9:53	593

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	36:01	47	9:44	584
508	Year-Round Residence	Non-Participating	327288.39	323447.52	28:12	31	9:39	579
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	33:18	34	9:32	572
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	32:33	34	9:27	567
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	37:32	26	9:20	560
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	41:18	41	9:17	557
683	Year-Round Residence	Non-Participating	325279.20	325628.61	44:05	64	9:16	556
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	30:42	32	8:56	536
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	38:51	34	8:52	532
527	Year-Round Residence	Non-Participating	328542.55	324881.84	31:43	32	8:51	531
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	27:18	26	8:41	521
682	Year-Round Residence	Non-Participating	325269.53	325663.08	42:18	63	8:39	519
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	34:58	46	8:34	514
657	Year-Round Residence	Non-Participating	326332.81	325715.92	54:24	48	8:31	511
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	29:34	31	8:09	489
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	54:28	84	8:08	488
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	36:35	30	8:07	487
529	Year-Round Residence	Non-Participating	328534.45	324976.61	31:01	32	8:06	486
557	Year-Round Residence	Non-Participating	328156.33	325593.76	50:11	40	8:01	481
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	40:53	43	8:01	481
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	28:33	31	7:58	478
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	45:03	40	7:54	474
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	28:16	30	7:52	472
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	24:27	32	7:46	466
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	39:35	39	7:44	464
556	Year-Round Residence	Non-Participating	328153.86	325350.10	33:48	44	7:43	463
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	49:13	40	7:37	457
516	Year-Round Residence	Non-Participating	328672.21	323635.95	21:45	26	7:27	447
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	27:56	30	7:26	446
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	38:02	39	7:25	445
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	41:36	33	7:23	443
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	23:23	29	7:23	443
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	43:23	44	7:19	439
530	Year-Round Residence	Non-Participating	328333.33	325321.72	35:08	37	7:14	434
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	44:01	38	7:07	427
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	22:06	29	6:57	417
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	23:50	28	6:53	413
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	36:55	38	6:46	406
659	Year-Round Residence	Non-Participating	326269.00	325693.83	43:04	46	6:43	403
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	23:03	27	6:34	394
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	35:21	34	6:33	393
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	28:46	39	6:32	392

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	34:56	41	6:27	387
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	24:04	28	6:25	385
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	23:24	29	6:21	381
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	22:08	27	6:08	368
705	Year-Round Residence	Non-Participating	323158.90	325496.31	32:13	37	6:06	366
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	26:13	39	6:02	362
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	41:29	64	6:01	361
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	38:43	39	5:51	351
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	29:47	27	5:45	345
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	34:12	38	5:43	343
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	17:50	25	5:40	340
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	34:41	48	5:39	339
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	18:20	34	5:38	338
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	27:40	31	5:36	336
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	18:32	35	5:35	335
511	Year-Round Residence	Non-Participating	327576.50	323465.03	16:23	25	5:33	333
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	19:02	36	5:30	330
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	17:32	24	5:30	330
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	28:28	38	5:30	330
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	31:18	38	5:30	330
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	17:11	32	5:13	313
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	19:13	29	5:06	306
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	16:08	25	5:05	305
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	16:06	28	5:00	300
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	15:40	24	4:54	294
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	15:25	25	4:50	290
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	23:17	36	4:49	289
531	Year-Round Residence	Non-Participating	328415.82	325312.78	19:29	34	4:47	287
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	26:58	29	4:45	285
701	Year-Round Residence	Non-Participating	324991.93	323830.97	15:05	29	4:44	284
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	26:11	26	4:25	265
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	29:37	37	4:23	263
710	Year-Round Residence	Non-Participating	324371.67	323917.57	15:29	31	4:19	259
678	Year-Round Residence	Non-Participating	324383.65	327571.59	28:10	27	4:18	258
697	Year-Round Residence	Non-Participating	324282.81	325570.53	29:32	45	4:13	253
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	14:54	31	4:12	252
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	13:29	26	4:11	251
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	14:30	30	4:10	250
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	24:30	27	4:06	246
528	Year-Round Residence	Non-Participating	328724.14	324956.55	13:12	28	4:06	246
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	22:13	28	3:58	238
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	18:47	32	3:58	238

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	21:18	33	3:57	237
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	19:26	25	3:55	235
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	13:48	29	3:55	235
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	12:29	27	3:50	230
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	12:01	26	3:45	225
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	21:24	24	3:44	224
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	22:27	27	3:43	223
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	15:53	26	3:36	216
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	19:02	32	3:33	213
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	15:23	28	3:15	195
532	Year-Round Residence	Non-Participating	328667.48	325315.61	12:44	28	3:12	192
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	20:29	38	3:10	190
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	11:07	27	3:09	189
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	10:16	24	3:09	189
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	12:44	29	3:08	188
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	10:10	24	3:08	188
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	10:23	25	3:04	184
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	10:19	25	3:02	182
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	9:59	25	2:53	173
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	9:28	24	2:48	168
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	14:41	26	2:46	166
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	9:33	24	2:45	165
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	9:20	24	2:45	165
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	9:27	24	2:45	165
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	9:36	24	2:44	164
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	9:15	24	2:41	161
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	9:08	23	2:41	161
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	14:35	25	2:41	161
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	11:08	25	2:40	160
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	12:08	25	2:39	159
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	9:20	24	2:39	159
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	9:04	23	2:38	158
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	8:53	23	2:36	156
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	11:18	25	2:33	153
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	12:54	25	2:25	145
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	12:48	25	2:23	143
661	Year-Round Residence	Non-Participating	326198.44	325709.84	13:07	25	2:21	141
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	11:44	26	2:20	140
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	11:58	25	2:20	140
679	Year-Round Residence	Non-Participating	324665.78	327336.01	10:40	24	2:15	135
537	Year-Round Residence	Non-Participating	327087.71	323490.62	6:36	19	2:12	132
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	15:30	28	2:10	130

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	12:11	24	2:10	130
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	12:16	24	1:55	115
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	11:10	24	1:53	113
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	6:26	20	1:49	109
690	Year-Round Residence	Non-Participating	323743.37	327378.89	11:34	27	1:33	93
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	1:10	8	0:08	8
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	0:00	0	0:00	0
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	0:00	0	0:00	0
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	0:00	0	0:00	0
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	0:00	0	0:00	0
394	Year-Round Residence	Non-Participating	324602.97	323042.45	0:00	0	0:00	0
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	0:00	0	0:00	0
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	0:00	0	0:00	0
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	0:00	0	0:00	0
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	0:00	0	0:00	0
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	0:00	0	0:00	0
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	0:00	0	0:00	0
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	0:00	0	0:00	0
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	0:00	0	0:00	0
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	0:00	0	0:00	0
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	0:00	0	0:00	0
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	0:00	0
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	0:00	0
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:00	0
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:00	0
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	0:00	0
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	0:00	0
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	0:00	0
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	0:00	0
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	0:00	0
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	0:00	0
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	0:00	0
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	0:00	0
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	0:00	0
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	0:00	0
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	0:00	0
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	0:00	0
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	0:00	0
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	0:00	0
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	0:00	0
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	0:00	0
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	0:00	0
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	0:00	0
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	0:00	0
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	0:00	0
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	0:00	0
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	0:00	0
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	0:00	0
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	0:00	0
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	0:00	0
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	0:00	0
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	0:00	0
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:00	0
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:00	0
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:00	0
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:00	0
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:00	0
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:00	0
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:00	0
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	0:00	0
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	0:00	0
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	0:00	0
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	0:00	0
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	0:00	0
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	0:00	0
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	0:00	0
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	0:00	0
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	0:00	0
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	0:00	0
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	0:00	0
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	0:00	0
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	0:00	0
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	0:00	0
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	0:00	0
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	0:00	0
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	0:00	0
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	0:00	0
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:00	0
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:00	0
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	0:00	0
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	0:00	0
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	0:00	0
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	0:00	0
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:00	0
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	0:00	0
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	0:00	0
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	0:00	0
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	0:00	0
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	0:00	0
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	0:00	0
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	0:00	0
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	0:00	0
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	0:00	0
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:00	0
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:00	0
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:00	0
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:00	0
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:00	0
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	0:00	0
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:00	0
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0

Table B-1.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:00	0
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	0:00	0
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors								
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	221:25	85	55:39	3339
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0

Table B-1.c: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0
544	Year-Round Residence	Participating	326831.48	323868.41	65:44	53	21:19	1279
545	Year-Round Residence	Participating	326855.50	324263.28	148:09	68	43:59	2639
546	Year-Round Residence	Participating	326883.46	324102.57	129:03	72	39:14	2354
547	Year-Round Residence	Participating	326777.70	324555.79	171:30	57	41:42	2502
548	Year-Round Residence	Participating	326766.01	324749.37	213:16	67	56:16	3376
549	Year-Round Residence	Participating	326755.83	324735.43	206:23	62	53:48	3228
550	Year-Round Residence	Participating	326770.44	324724.02	206:05	67	53:36	3216
551	Year-Round Residence	Participating	326697.33	324900.86	198:26	56	52:34	3154
686	Year-Round Residence	Participating	325607.20	325343.89	103:59	68	26:20	1580
702	Year-Round Residence	Participating	325039.86	323785.82	17:21	30	5:27	327
712	Year-Round Residence	Participating	323101.19	324947.77	56:11	49	15:17	917
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0
1157	Year-Round Residence	Participating	323592.20	324735.64	53:32	56	13:58	838
1823	Year-Round Residence	Participating	317745.17	327442.97	10:04	26	2:39	159
1824	Year-Round Residence	Participating	317623.65	327332.85	13:21	30	3:45	225
1839	Year-Round Residence	Participating	316654.10	326940.66	71:38	54	14:27	867
1869	Year-Round Residence	Participating	317522.17	329442.03	60:30	43	12:54	774
1873	Year-Round Residence	Participating	317744.53	327659.68	75:25	51	23:04	1384
1875	Year-Round Residence	Participating	317752.43	327876.06	107:48	52	32:46	1966
1900	Year-Round Residence	Participating	319959.47	327708.91	63:31	47	20:46	1246
2083	Year-Round Residence	Participating	322586.51	326741.39	107:58	95	26:05	1565
2102	Year-Round Residence	Participating	322634.87	326596.24	169:07	97	40:31	2431
2104	Year-Round Residence	Participating	321032.42	326750.48	83:11	42	22:46	1366
2107	Year-Round Residence	Participating	321471.59	326262.36	72:32	50	22:12	1332
2189	Year-Round Residence	Participating	322154.36	324200.45	12:10	28	2:49	169
Summary of Maximum and Minimum Shadow Flicker for Participating Residential Receptors								
548	Year-Round Residence	Participating	326766.01	324749.37	213:16	67	56:16	3376
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0

Table B-1.d: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
548	Year-Round Residence	Participating	326766.01	324749.37	213:16	67	56:16	3376
549	Year-Round Residence	Participating	326755.83	324735.43	206:23	62	53:48	3228
550	Year-Round Residence	Participating	326770.44	324724.02	206:05	67	53:36	3216
551	Year-Round Residence	Participating	326697.33	324900.86	198:26	56	52:34	3154
545	Year-Round Residence	Participating	326855.50	324263.28	148:09	68	43:59	2639
547	Year-Round Residence	Participating	326777.70	324555.79	171:30	57	41:42	2502
2102	Year-Round Residence	Participating	322634.87	326596.24	169:07	97	40:31	2431
546	Year-Round Residence	Participating	326883.46	324102.57	129:03	72	39:14	2354
1875	Year-Round Residence	Participating	317752.43	327876.06	107:48	52	32:46	1966
686	Year-Round Residence	Participating	325607.20	325343.89	103:59	68	26:20	1580
2083	Year-Round Residence	Participating	322586.51	326741.39	107:58	95	26:05	1565
1873	Year-Round Residence	Participating	317744.53	327659.68	75:25	51	23:04	1384
2104	Year-Round Residence	Participating	321032.42	326750.48	83:11	42	22:46	1366
2107	Year-Round Residence	Participating	321471.59	326262.36	72:32	50	22:12	1332
544	Year-Round Residence	Participating	326831.48	323868.41	65:44	53	21:19	1279
1900	Year-Round Residence	Participating	319959.47	327708.91	63:31	47	20:46	1246
712	Year-Round Residence	Participating	323101.19	324947.77	56:11	49	15:17	917
1839	Year-Round Residence	Participating	316654.10	326940.66	71:38	54	14:27	867
1157	Year-Round Residence	Participating	323592.20	324735.64	53:32	56	13:58	838
1869	Year-Round Residence	Participating	317522.17	329442.03	60:30	43	12:54	774
702	Year-Round Residence	Participating	325039.86	323785.82	17:21	30	5:27	327
1824	Year-Round Residence	Participating	317623.65	327332.85	13:21	30	3:45	225
2189	Year-Round Residence	Participating	322154.36	324200.45	12:10	28	2:49	169
1823	Year-Round Residence	Participating	317745.17	327442.97	10:04	26	2:39	159
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Residential Receptors								
548	Year-Round Residence	Participating	326766.01	324749.37	213:16	67	56:16	3376
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0

Table B-1.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0
801	Commercial Structure	Non-Participating	326373.45	322347.58	0:00	0	0:00	0
802	Commercial Structure	Non-Participating	326414.50	322338.51	0:00	0	0:00	0
803	Commercial Structure	Non-Participating	326429.99	322351.13	0:00	0	0:00	0
804	Commercial Structure	Non-Participating	326404.21	322310.72	0:00	0	0:00	0
805	Commercial Structure	Non-Participating	326421.77	322309.42	0:00	0	0:00	0
806	Commercial Structure	Non-Participating	326603.40	321871.81	0:00	0	0:00	0
807	Commercial Structure	Non-Participating	326726.92	321087.38	0:00	0	0:00	0
808	Commercial Structure	Non-Participating	326549.53	321849.80	0:00	0	0:00	0
809	Commercial Structure	Non-Participating	326539.86	321806.30	0:00	0	0:00	0
810	Commercial Structure	Non-Participating	326557.31	321777.19	0:00	0	0:00	0
811	Commercial Structure	Non-Participating	326336.49	320585.70	0:00	0	0:00	0
812	Commercial Structure	Non-Participating	326399.55	320562.53	0:00	0	0:00	0
813	Commercial Structure	Non-Participating	326346.09	320492.51	0:00	0	0:00	0
814	Commercial Structure	Non-Participating	326327.27	320465.91	0:00	0	0:00	0
815	Commercial Structure	Non-Participating	326792.14	320579.84	0:00	0	0:00	0
816	Commercial Structure	Non-Participating	326754.32	320884.85	0:00	0	0:00	0
817	Commercial Structure	Non-Participating	326737.57	321059.58	0:00	0	0:00	0
818	Commercial Structure	Non-Participating	326798.96	321341.16	0:00	0	0:00	0
819	Commercial Structure	Non-Participating	326807.07	321302.28	0:00	0	0:00	0
820	Commercial Structure	Non-Participating	326702.66	321341.20	0:00	0	0:00	0
821	Commercial Structure	Non-Participating	326872.23	322301.65	0:00	0	0:00	0
822	Commercial Structure	Non-Participating	326744.62	322324.43	0:00	0	0:00	0
823	Commercial Structure	Non-Participating	326470.04	322337.65	0:00	0	0:00	0
824	Commercial Structure	Non-Participating	326613.12	322339.93	0:00	0	0:00	0
825	Commercial Structure	Non-Participating	326622.31	322339.94	0:00	0	0:00	0
826	Commercial Structure	Non-Participating	326524.80	322329.06	0:00	0	0:00	0
827	Commercial Structure	Non-Participating	326526.56	322316.82	0:00	0	0:00	0
828	Commercial Structure	Non-Participating	326507.70	322340.68	0:00	0	0:00	0
829	Commercial Structure	Non-Participating	326623.22	322406.58	0:00	0	0:00	0
830	Commercial Structure	Non-Participating	326662.83	322393.05	0:00	0	0:00	0
831	Commercial Structure	Non-Participating	326698.57	322407.78	0:00	0	0:00	0
832	Commercial Structure	Non-Participating	326705.84	322380.11	0:00	0	0:00	0
833	Commercial Structure	Non-Participating	326642.84	322336.01	0:00	0	0:00	0
834	Commercial Structure	Non-Participating	326653.78	322333.81	0:00	0	0:00	0
835	Commercial Structure	Non-Participating	326691.48	322334.94	0:00	0	0:00	0
836	Commercial Structure	Non-Participating	326727.81	322314.44	0:00	0	0:00	0
837	Commercial Structure	Non-Participating	326032.81	322513.18	0:00	0	0:00	0
838	Commercial Structure	Non-Participating	326145.81	322534.20	0:00	0	0:00	0
839	Commercial Structure	Non-Participating	326342.02	322416.46	0:00	0	0:00	0
840	Commercial Structure	Non-Participating	326350.14	322438.44	0:00	0	0:00	0
841	Commercial Structure	Non-Participating	326469.70	322441.45	0:00	0	0:00	0

Table B-1.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
842	Commercial Structure	Non-Participating	326376.45	322564.00	0:00	0	0:00	0
843	Commercial Structure	Non-Participating	325759.82	323322.37	0:00	0	0:00	0
844	Commercial Structure	Non-Participating	325740.19	323337.00	0:00	0	0:00	0
845	Commercial Structure	Non-Participating	326753.76	322380.97	0:00	0	0:00	0
846	Commercial Structure	Non-Participating	326842.61	322368.55	0:00	0	0:00	0
847	Commercial Structure	Non-Participating	326909.27	322383.24	0:00	0	0:00	0
848	Commercial Structure	Non-Participating	327096.33	323214.71	0:00	0	0:00	0
849	Commercial Structure	Non-Participating	326918.38	323142.80	0:00	0	0:00	0
850	Commercial Structure	Non-Participating	325668.01	322435.87	0:00	0	0:00	0
851	Commercial Structure	Non-Participating	325458.73	322571.29	0:00	0	0:00	0
852	Commercial Structure	Non-Participating	324850.73	322721.32	0:00	0	0:00	0
853	Commercial Structure	Non-Participating	329943.46	322692.19	0:00	0	0:00	0
854	Commercial Structure	Non-Participating	330223.72	324046.85	0:00	0	0:00	0
855	Commercial Structure	Non-Participating	330195.71	324002.07	0:00	0	0:00	0
856	Commercial Structure	Non-Participating	329907.28	325246.13	0:00	0	0:00	0
857	Commercial Structure	Non-Participating	329917.99	325197.62	0:00	0	0:00	0
858	Commercial Structure	Non-Participating	330577.78	324980.78	0:00	0	0:00	0
859	Commercial Structure	Non-Participating	328710.70	325353.49	11:43	27	2:53	173
860	Commercial Structure	Non-Participating	328756.72	325324.20	11:00	26	2:45	165
861	Commercial Structure	Non-Participating	328653.44	325408.38	12:45	27	3:02	182
862	Commercial Structure	Non-Participating	328675.56	325406.89	12:20	27	2:56	176
867	Commercial Structure	Non-Participating	327596.29	325488.73	42:35	58	6:09	369
868	Commercial Structure	Non-Participating	327979.96	326127.99	0:00	0	0:00	0
869	Commercial Structure	Non-Participating	328439.34	322877.77	0:00	0	0:00	0
870	Commercial Structure	Non-Participating	328882.40	327283.22	0:00	0	0:00	0
871	Commercial Structure	Non-Participating	328117.17	327710.65	0:00	0	0:00	0
872	Commercial Structure	Non-Participating	327896.27	327050.13	0:00	0	0:00	0
873	Commercial Structure	Non-Participating	327869.74	327131.21	0:00	0	0:00	0
874	Commercial Structure	Non-Participating	327840.67	326878.11	0:00	0	0:00	0
875	Commercial Structure	Non-Participating	327924.85	327031.61	0:00	0	0:00	0
876	Commercial Structure	Non-Participating	327824.72	327032.53	0:00	0	0:00	0
877	Commercial Structure	Non-Participating	327834.39	327014.23	0:00	0	0:00	0
879	Commercial Structure	Non-Participating	325821.88	326863.09	0:00	0	0:00	0
880	Commercial Structure	Non-Participating	325860.85	326827.94	0:00	0	0:00	0
881	Commercial Structure	Non-Participating	325203.08	326885.94	0:00	0	0:00	0
882	Commercial Structure	Non-Participating	325255.52	326965.72	0:00	0	0:00	0
883	Commercial Structure	Non-Participating	325194.43	326807.16	0:00	0	0:00	0
884	Commercial Structure	Non-Participating	325264.53	326847.48	0:00	0	0:00	0
885	Commercial Structure	Non-Participating	324639.52	328386.11	0:00	0	0:00	0
886	Commercial Structure	Non-Participating	324599.84	327424.06	12:24	25	2:15	135
887	Commercial Structure	Non-Participating	324647.98	327382.79	11:14	24	2:13	133
888	Commercial Structure	Non-Participating	324680.40	327408.17	0:00	0	0:00	0

Table B-1.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
889	Commercial Structure	Non-Participating	324684.55	327361.27	0:00	0	0:00	0
890	Commercial Structure	Non-Participating	324559.88	327442.96	13:29	25	2:21	141
895	Commercial Structure	Non-Participating	322899.49	326164.75	66:07	44	21:12	1272
896	Commercial Structure	Non-Participating	323108.08	325529.65	29:55	35	5:33	333
908	Commercial Structure	Non-Participating	326886.97	324041.92	65:50	48	19:45	1185
909	Commercial Structure	Non-Participating	328315.41	323063.47	0:00	0	0:00	0
963	Commercial Structure	Non-Participating	325967.74	322498.16	0:00	0	0:00	0
964	Commercial Structure	Non-Participating	325980.82	322484.18	0:00	0	0:00	0
1049	Commercial Structure	Non-Participating	328125.66	325163.84	61:15	48	13:54	834
1059	Commercial Structure	Non-Participating	326784.08	325417.44	70:59	44	15:33	933
1060	Commercial Structure	Non-Participating	326760.74	325408.08	68:15	44	15:26	926
1061	Commercial Structure	Non-Participating	326756.94	325438.92	69:31	43	15:06	906
1091	Commercial Structure	Non-Participating	326254.60	326996.09	0:00	0	0:00	0
1092	Commercial Structure	Non-Participating	326224.07	327002.47	0:00	0	0:00	0
1150	Commercial Structure	Non-Participating	328143.81	325119.83	69:16	48	15:37	937
1184	Commercial Structure	Non-Participating	313440.44	327280.88	0:00	0	0:00	0
1185	Commercial Structure	Non-Participating	313466.59	327293.46	0:00	0	0:00	0
1186	Commercial Structure	Non-Participating	313875.09	328028.41	0:00	0	0:00	0
1187	Commercial Structure	Non-Participating	313829.70	328062.45	0:00	0	0:00	0
1188	Commercial Structure	Non-Participating	313761.74	329753.26	0:00	0	0:00	0
1189	Commercial Structure	Non-Participating	313729.73	329837.71	0:00	0	0:00	0
1190	Commercial Structure	Non-Participating	314929.54	330726.91	0:00	0	0:00	0
1191	Commercial Structure	Non-Participating	315060.14	330720.79	0:00	0	0:00	0
1192	Commercial Structure	Non-Participating	315658.34	331965.19	0:00	0	0:00	0
1193	Commercial Structure	Non-Participating	316935.91	332273.03	0:00	0	0:00	0
1194	Commercial Structure	Non-Participating	316947.95	332422.86	0:00	0	0:00	0
1195	Commercial Structure	Non-Participating	316169.44	332965.45	0:00	0	0:00	0
1196	Commercial Structure	Non-Participating	316758.90	332876.22	0:00	0	0:00	0
1197	Commercial Structure	Non-Participating	317197.05	333339.40	0:00	0	0:00	0
1198	Commercial Structure	Non-Participating	317174.52	332854.00	0:00	0	0:00	0
1199	Commercial Structure	Non-Participating	316386.66	332488.33	0:00	0	0:00	0
1200	Commercial Structure	Non-Participating	316519.11	332189.24	0:00	0	0:00	0
1201	Commercial Structure	Non-Participating	317054.67	332356.94	0:00	0	0:00	0
1202	Commercial Structure	Non-Participating	317497.42	332389.27	0:00	0	0:00	0
1203	Commercial Structure	Non-Participating	317129.72	332005.52	0:00	0	0:00	0
1205	Commercial Structure	Non-Participating	316552.94	331350.55	0:00	0	0:00	0
1206	Commercial Structure	Non-Participating	318548.81	333570.65	0:00	0	0:00	0
1207	Commercial Structure	Non-Participating	318550.86	333520.27	0:00	0	0:00	0
1208	Commercial Structure	Non-Participating	318757.04	333535.63	0:00	0	0:00	0
1209	Commercial Structure	Non-Participating	318798.66	333529.18	0:00	0	0:00	0
1210	Commercial Structure	Non-Participating	317665.63	333371.85	0:00	0	0:00	0
1211	Commercial Structure	Non-Participating	317574.33	333443.39	0:00	0	0:00	0

Table B-1.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1212	Commercial Structure	Non-Participating	317577.64	333567.28	0:00	0	0:00	0
1213	Commercial Structure	Non-Participating	319043.12	332018.21	0:00	0	0:00	0
1214	Commercial Structure	Non-Participating	318984.47	331982.38	0:00	0	0:00	0
1215	Commercial Structure	Non-Participating	319043.72	331989.19	0:00	0	0:00	0
1216	Commercial Structure	Non-Participating	318829.00	331235.83	0:00	0	0:00	0
1217	Commercial Structure	Non-Participating	318930.79	331010.26	0:00	0	0:00	0
1218	Commercial Structure	Non-Participating	318521.86	331385.19	0:00	0	0:00	0
1219	Commercial Structure	Non-Participating	316990.07	331355.74	0:00	0	0:00	0
1220	Commercial Structure	Non-Participating	317153.31	330927.47	0:00	0	0:00	0
1221	Commercial Structure	Non-Participating	316516.58	330767.62	0:00	0	0:00	0
1222	Commercial Structure	Non-Participating	317197.42	330681.04	0:00	0	0:00	0
1223	Commercial Structure	Non-Participating	317170.45	330328.82	0:00	0	0:00	0
1225	Commercial Structure	Non-Participating	314911.41	328530.07	16:02	26	2:59	179
1226	Commercial Structure	Non-Participating	315043.72	328781.92	12:58	24	2:03	123
1227	Commercial Structure	Non-Participating	314934.15	329075.60	0:00	0	0:00	0
1228	Commercial Structure	Non-Participating	314955.60	329149.14	0:00	0	0:00	0
1229	Commercial Structure	Non-Participating	314939.80	329460.45	0:00	0	0:00	0
1230	Commercial Structure	Non-Participating	314927.75	329518.35	0:00	0	0:00	0
1231	Commercial Structure	Non-Participating	314825.55	327739.02	13:06	28	4:01	241
1232	Commercial Structure	Non-Participating	314653.97	327784.84	9:59	25	2:59	179
1233	Commercial Structure	Non-Participating	314753.06	327794.03	11:31	26	3:26	206
1234	Commercial Structure	Non-Participating	314711.99	327778.39	10:53	25	3:16	196
1235	Commercial Structure	Non-Participating	315454.87	327175.91	20:42	34	6:24	384
1236	Commercial Structure	Non-Participating	315475.05	327212.91	21:05	35	6:26	386
1237	Commercial Structure	Non-Participating	315405.37	327147.26	19:12	33	5:58	358
1238	Commercial Structure	Non-Participating	315170.59	325499.32	0:00	0	0:00	0
1239	Commercial Structure	Non-Participating	314348.20	324591.35	0:00	0	0:00	0
1240	Commercial Structure	Non-Participating	315314.13	324313.46	0:00	0	0:00	0
1241	Commercial Structure	Non-Participating	315349.01	324311.26	0:00	0	0:00	0
1242	Commercial Structure	Non-Participating	315390.10	324283.71	0:00	0	0:00	0
1243	Commercial Structure	Non-Participating	315428.70	324266.54	0:00	0	0:00	0
1244	Commercial Structure	Non-Participating	315476.27	324367.27	0:00	0	0:00	0
1245	Commercial Structure	Non-Participating	315542.15	324354.33	0:00	0	0:00	0
1246	Commercial Structure	Non-Participating	315543.10	324285.40	0:00	0	0:00	0
1247	Commercial Structure	Non-Participating	315844.26	324258.42	0:00	0	0:00	0
1248	Commercial Structure	Non-Participating	315843.30	324326.60	0:00	0	0:00	0
1249	Commercial Structure	Non-Participating	315918.14	324134.88	0:00	0	0:00	0
1250	Commercial Structure	Non-Participating	316135.11	323349.77	0:00	0	0:00	0
1251	Commercial Structure	Non-Participating	315371.50	323262.12	0:00	0	0:00	0
1252	Commercial Structure	Non-Participating	317400.15	323519.27	0:00	0	0:00	0
1253	Commercial Structure	Non-Participating	317118.13	322733.94	0:00	0	0:00	0
1254	Commercial Structure	Non-Participating	317125.92	322799.87	0:00	0	0:00	0

Table B-1.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1257	Commercial Structure	Non-Participating	316791.17	328255.40	37:42	42	6:53	413
1258	Commercial Structure	Non-Participating	317913.19	329508.76	137:58	94	26:39	1599
1259	Commercial Structure	Non-Participating	319716.61	328291.80	128:27	54	27:02	1622
1260	Commercial Structure	Non-Participating	319529.03	328095.53	282:04	87	64:56	3896
1261	Commercial Structure	Non-Participating	318730.50	326926.95	13:08	22	2:40	160
1262	Commercial Structure	Non-Participating	320700.29	331210.19	0:00	0	0:00	0
1263	Commercial Structure	Non-Participating	319738.61	331519.96	0:00	0	0:00	0
1264	Commercial Structure	Non-Participating	319904.31	332434.29	0:00	0	0:00	0
1265	Commercial Structure	Non-Participating	321173.65	329286.32	0:00	0	0:00	0
1266	Commercial Structure	Non-Participating	323278.07	329951.57	0:00	0	0:00	0
1267	Commercial Structure	Non-Participating	323707.57	329330.15	0:00	0	0:00	0
1268	Commercial Structure	Non-Participating	324679.73	328352.22	0:00	0	0:00	0
1269	Commercial Structure	Non-Participating	323395.26	327982.27	0:00	0	0:00	0
1270	Commercial Structure	Non-Participating	323084.83	328686.47	0:00	0	0:00	0
1271	Commercial Structure	Non-Participating	323080.35	328736.99	0:00	0	0:00	0
1272	Commercial Structure	Non-Participating	323039.78	329283.93	0:00	0	0:00	0
1273	Commercial Structure	Non-Participating	322020.22	327682.87	0:00	0	0:00	0
1274	Commercial Structure	Non-Participating	322047.77	327725.22	0:00	0	0:00	0
1279	Commercial Structure	Non-Participating	320968.73	326553.80	113:09	46	35:03	2103
1280	Commercial Structure	Non-Participating	321254.53	325534.53	0:00	0	0:00	0
1281	Commercial Structure	Non-Participating	321221.18	325581.55	0:00	0	0:00	0
1282	Commercial Structure	Non-Participating	321149.23	325508.01	0:00	0	0:00	0
1284	Commercial Structure	Non-Participating	320397.03	325135.64	0:00	0	0:00	0
1285	Commercial Structure	Non-Participating	318552.58	323442.70	0:00	0	0:00	0
1287	Commercial Structure	Non-Participating	322320.89	320900.09	0:00	0	0:00	0
1288	Commercial Structure	Non-Participating	322369.45	320902.64	0:00	0	0:00	0
1492	Commercial Structure	Non-Participating	313894.23	327969.57	0:00	0	0:00	0
1527	Commercial Structure	Non-Participating	315658.45	332008.55	0:00	0	0:00	0
1627	Commercial Structure	Non-Participating	314945.39	329533.34	0:00	0	0:00	0
1987	Commercial Structure	Non-Participating	323098.47	329854.20	0:00	0	0:00	0
2206	Commercial Structure	Non-Participating	317327.51	323518.52	0:00	0	0:00	0
2208	Commercial Structure	Non-Participating	320100.68	321879.73	0:00	0	0:00	0
2213	Commercial Structure	Non-Participating	323193.95	320263.88	0:00	0	0:00	0
2216	Commercial Structure	Non-Participating	321249.84	322604.17	0:00	0	0:00	0
2217	Commercial Structure	Non-Participating	322343.19	320869.37	0:00	0	0:00	0
2229	Commercial Structure	Non-Participating	315921.17	324146.19	0:00	0	0:00	0
2230	Commercial Structure	Non-Participating	316975.16	322730.67	0:00	0	0:00	0
2240	Commercial Structure	Non-Participating	315969.51	324133.00	0:00	0	0:00	0
2243	Commercial Structure	Non-Participating	315914.55	324121.56	0:00	0	0:00	0
2251	Commercial Structure	Non-Participating	315896.11	324135.52	0:00	0	0:00	0
2257	Commercial Structure	Non-Participating	320099.24	321915.01	0:00	0	0:00	0
2258	Commercial Structure	Non-Participating	315364.83	323338.76	0:00	0	0:00	0

Table B-1.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2270	Commercial Structure	Non-Participating	315430.40	323269.90	0:00	0	0:00	0
2286	Commercial Structure	Non-Participating	315437.58	323321.57	0:00	0	0:00	0
2293	Commercial Structure	Non-Participating	319039.77	327028.97	23:34	28	4:30	270
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Commercial Receptors								
1260	Commercial Structure	Non-Participating	319529.03	328095.53	282:04	87	64:56	3896
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0

Table B-1.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1260	Commercial Structure	Non-Participating	319529.03	328095.53	282:04	87	64:56	3896
1279	Commercial Structure	Non-Participating	320968.73	326553.80	113:09	46	35:03	2103
1259	Commercial Structure	Non-Participating	319716.61	328291.80	128:27	54	27:02	1622
1258	Commercial Structure	Non-Participating	317913.19	329508.76	137:58	94	26:39	1599
895	Commercial Structure	Non-Participating	322899.49	326164.75	66:07	44	21:12	1272
908	Commercial Structure	Non-Participating	326886.97	324041.92	65:50	48	19:45	1185
1150	Commercial Structure	Non-Participating	328143.81	325119.83	69:16	48	15:37	937
1059	Commercial Structure	Non-Participating	326784.08	325417.44	70:59	44	15:33	933
1060	Commercial Structure	Non-Participating	326760.74	325408.08	68:15	44	15:26	926
1061	Commercial Structure	Non-Participating	326756.94	325438.92	69:31	43	15:06	906
1049	Commercial Structure	Non-Participating	328125.66	325163.84	61:15	48	13:54	834
1257	Commercial Structure	Non-Participating	316791.17	328255.40	37:42	42	6:53	413
1236	Commercial Structure	Non-Participating	315475.05	327212.91	21:05	35	6:26	386
1235	Commercial Structure	Non-Participating	315454.87	327175.91	20:42	34	6:24	384
867	Commercial Structure	Non-Participating	327596.29	325488.73	42:35	58	6:09	369
1237	Commercial Structure	Non-Participating	315405.37	327147.26	19:12	33	5:58	358
896	Commercial Structure	Non-Participating	323108.08	325529.65	29:55	35	5:33	333
2293	Commercial Structure	Non-Participating	319039.77	327028.97	23:34	28	4:30	270
1231	Commercial Structure	Non-Participating	314825.55	327739.02	13:06	28	4:01	241
1233	Commercial Structure	Non-Participating	314753.06	327794.03	11:31	26	3:26	206
1234	Commercial Structure	Non-Participating	314711.99	327778.39	10:53	25	3:16	196
861	Commercial Structure	Non-Participating	328653.44	325408.38	12:45	27	3:02	182
1232	Commercial Structure	Non-Participating	314653.97	327784.84	9:59	25	2:59	179
1225	Commercial Structure	Non-Participating	314911.41	328530.07	16:02	26	2:59	179
862	Commercial Structure	Non-Participating	328675.56	325406.89	12:20	27	2:56	176
859	Commercial Structure	Non-Participating	328710.70	325353.49	11:43	27	2:53	173
860	Commercial Structure	Non-Participating	328756.72	325324.20	11:00	26	2:45	165
1261	Commercial Structure	Non-Participating	318730.50	326926.95	13:08	22	2:40	160
890	Commercial Structure	Non-Participating	324559.88	327442.96	13:29	25	2:21	141
886	Commercial Structure	Non-Participating	324599.84	327424.06	12:24	25	2:15	135
887	Commercial Structure	Non-Participating	324647.98	327382.79	11:14	24	2:13	133
1226	Commercial Structure	Non-Participating	315043.72	328781.92	12:58	24	2:03	123
1282	Commercial Structure	Non-Participating	321149.23	325508.01	0:00	0	0:00	0
1281	Commercial Structure	Non-Participating	321221.18	325581.55	0:00	0	0:00	0
1280	Commercial Structure	Non-Participating	321254.53	325534.53	0:00	0	0:00	0
889	Commercial Structure	Non-Participating	324684.55	327361.27	0:00	0	0:00	0
888	Commercial Structure	Non-Participating	324680.40	327408.17	0:00	0	0:00	0
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0
801	Commercial Structure	Non-Participating	326373.45	322347.58	0:00	0	0:00	0
802	Commercial Structure	Non-Participating	326414.50	322338.51	0:00	0	0:00	0
803	Commercial Structure	Non-Participating	326429.99	322351.13	0:00	0	0:00	0
804	Commercial Structure	Non-Participating	326404.21	322310.72	0:00	0	0:00	0

Table B-1.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
805	Commercial Structure	Non-Participating	326421.77	322309.42	0:00	0	0:00	0
806	Commercial Structure	Non-Participating	326603.40	321871.81	0:00	0	0:00	0
807	Commercial Structure	Non-Participating	326726.92	321087.38	0:00	0	0:00	0
808	Commercial Structure	Non-Participating	326549.53	321849.80	0:00	0	0:00	0
809	Commercial Structure	Non-Participating	326539.86	321806.30	0:00	0	0:00	0
810	Commercial Structure	Non-Participating	326557.31	321777.19	0:00	0	0:00	0
811	Commercial Structure	Non-Participating	326336.49	320585.70	0:00	0	0:00	0
812	Commercial Structure	Non-Participating	326399.55	320562.53	0:00	0	0:00	0
813	Commercial Structure	Non-Participating	326346.09	320492.51	0:00	0	0:00	0
814	Commercial Structure	Non-Participating	326327.27	320465.91	0:00	0	0:00	0
815	Commercial Structure	Non-Participating	326792.14	320579.84	0:00	0	0:00	0
816	Commercial Structure	Non-Participating	326754.32	320884.85	0:00	0	0:00	0
817	Commercial Structure	Non-Participating	326737.57	321059.58	0:00	0	0:00	0
818	Commercial Structure	Non-Participating	326798.96	321341.16	0:00	0	0:00	0
819	Commercial Structure	Non-Participating	326807.07	321302.28	0:00	0	0:00	0
820	Commercial Structure	Non-Participating	326702.66	321341.20	0:00	0	0:00	0
821	Commercial Structure	Non-Participating	326872.23	322301.65	0:00	0	0:00	0
822	Commercial Structure	Non-Participating	326744.62	322324.43	0:00	0	0:00	0
823	Commercial Structure	Non-Participating	326470.04	322337.65	0:00	0	0:00	0
824	Commercial Structure	Non-Participating	326613.12	322339.93	0:00	0	0:00	0
825	Commercial Structure	Non-Participating	326622.31	322339.94	0:00	0	0:00	0
826	Commercial Structure	Non-Participating	326524.80	322329.06	0:00	0	0:00	0
827	Commercial Structure	Non-Participating	326526.56	322316.82	0:00	0	0:00	0
828	Commercial Structure	Non-Participating	326507.70	322340.68	0:00	0	0:00	0
829	Commercial Structure	Non-Participating	326623.22	322406.58	0:00	0	0:00	0
830	Commercial Structure	Non-Participating	326662.83	322393.05	0:00	0	0:00	0
831	Commercial Structure	Non-Participating	326698.57	322407.78	0:00	0	0:00	0
832	Commercial Structure	Non-Participating	326705.84	322380.11	0:00	0	0:00	0
833	Commercial Structure	Non-Participating	326642.84	322336.01	0:00	0	0:00	0
834	Commercial Structure	Non-Participating	326653.78	322333.81	0:00	0	0:00	0
835	Commercial Structure	Non-Participating	326691.48	322334.94	0:00	0	0:00	0
836	Commercial Structure	Non-Participating	326727.81	322314.44	0:00	0	0:00	0
837	Commercial Structure	Non-Participating	326032.81	322513.18	0:00	0	0:00	0
838	Commercial Structure	Non-Participating	326145.81	322534.20	0:00	0	0:00	0
839	Commercial Structure	Non-Participating	326342.02	322416.46	0:00	0	0:00	0
840	Commercial Structure	Non-Participating	326350.14	322438.44	0:00	0	0:00	0
841	Commercial Structure	Non-Participating	326469.70	322441.45	0:00	0	0:00	0
842	Commercial Structure	Non-Participating	326376.45	322564.00	0:00	0	0:00	0
843	Commercial Structure	Non-Participating	325759.82	323322.37	0:00	0	0:00	0
844	Commercial Structure	Non-Participating	325740.19	323337.00	0:00	0	0:00	0
845	Commercial Structure	Non-Participating	326753.76	322380.97	0:00	0	0:00	0
846	Commercial Structure	Non-Participating	326842.61	322368.55	0:00	0	0:00	0

Table B-1.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
847	Commercial Structure	Non-Participating	326909.27	322383.24	0:00	0	0:00	0
848	Commercial Structure	Non-Participating	327096.33	323214.71	0:00	0	0:00	0
849	Commercial Structure	Non-Participating	326918.38	323142.80	0:00	0	0:00	0
850	Commercial Structure	Non-Participating	325668.01	322435.87	0:00	0	0:00	0
851	Commercial Structure	Non-Participating	325458.73	322571.29	0:00	0	0:00	0
852	Commercial Structure	Non-Participating	324850.73	322721.32	0:00	0	0:00	0
853	Commercial Structure	Non-Participating	329943.46	322692.19	0:00	0	0:00	0
854	Commercial Structure	Non-Participating	330223.72	324046.85	0:00	0	0:00	0
855	Commercial Structure	Non-Participating	330195.71	324002.07	0:00	0	0:00	0
856	Commercial Structure	Non-Participating	329907.28	325246.13	0:00	0	0:00	0
857	Commercial Structure	Non-Participating	329917.99	325197.62	0:00	0	0:00	0
858	Commercial Structure	Non-Participating	330577.78	324980.78	0:00	0	0:00	0
868	Commercial Structure	Non-Participating	327979.96	326127.99	0:00	0	0:00	0
869	Commercial Structure	Non-Participating	328439.34	322877.77	0:00	0	0:00	0
870	Commercial Structure	Non-Participating	328882.40	327283.22	0:00	0	0:00	0
871	Commercial Structure	Non-Participating	328117.17	327710.65	0:00	0	0:00	0
872	Commercial Structure	Non-Participating	327896.27	327050.13	0:00	0	0:00	0
873	Commercial Structure	Non-Participating	327869.74	327131.21	0:00	0	0:00	0
874	Commercial Structure	Non-Participating	327840.67	326878.11	0:00	0	0:00	0
875	Commercial Structure	Non-Participating	327924.85	327031.61	0:00	0	0:00	0
876	Commercial Structure	Non-Participating	327824.72	327032.53	0:00	0	0:00	0
877	Commercial Structure	Non-Participating	327834.39	327014.23	0:00	0	0:00	0
879	Commercial Structure	Non-Participating	325821.88	326863.09	0:00	0	0:00	0
880	Commercial Structure	Non-Participating	325860.85	326827.94	0:00	0	0:00	0
881	Commercial Structure	Non-Participating	325203.08	326885.94	0:00	0	0:00	0
882	Commercial Structure	Non-Participating	325255.52	326965.72	0:00	0	0:00	0
883	Commercial Structure	Non-Participating	325194.43	326807.16	0:00	0	0:00	0
884	Commercial Structure	Non-Participating	325264.53	326847.48	0:00	0	0:00	0
885	Commercial Structure	Non-Participating	324639.52	328386.11	0:00	0	0:00	0
909	Commercial Structure	Non-Participating	328315.41	323063.47	0:00	0	0:00	0
963	Commercial Structure	Non-Participating	325967.74	322498.16	0:00	0	0:00	0
964	Commercial Structure	Non-Participating	325980.82	322484.18	0:00	0	0:00	0
1091	Commercial Structure	Non-Participating	326254.60	326996.09	0:00	0	0:00	0
1092	Commercial Structure	Non-Participating	326224.07	327002.47	0:00	0	0:00	0
1184	Commercial Structure	Non-Participating	313440.44	327280.88	0:00	0	0:00	0
1185	Commercial Structure	Non-Participating	313466.59	327293.46	0:00	0	0:00	0
1186	Commercial Structure	Non-Participating	313875.09	328028.41	0:00	0	0:00	0
1187	Commercial Structure	Non-Participating	313829.70	328062.45	0:00	0	0:00	0
1188	Commercial Structure	Non-Participating	313761.74	329753.26	0:00	0	0:00	0
1189	Commercial Structure	Non-Participating	313729.73	329837.71	0:00	0	0:00	0
1190	Commercial Structure	Non-Participating	314929.54	330726.91	0:00	0	0:00	0
1191	Commercial Structure	Non-Participating	315060.14	330720.79	0:00	0	0:00	0

Table B-1.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1192	Commercial Structure	Non-Participating	315658.34	331965.19	0:00	0	0:00	0
1193	Commercial Structure	Non-Participating	316935.91	332273.03	0:00	0	0:00	0
1194	Commercial Structure	Non-Participating	316947.95	332422.86	0:00	0	0:00	0
1195	Commercial Structure	Non-Participating	316169.44	332965.45	0:00	0	0:00	0
1196	Commercial Structure	Non-Participating	316758.90	332876.22	0:00	0	0:00	0
1197	Commercial Structure	Non-Participating	317197.05	333339.40	0:00	0	0:00	0
1198	Commercial Structure	Non-Participating	317174.52	332854.00	0:00	0	0:00	0
1199	Commercial Structure	Non-Participating	316386.66	332488.33	0:00	0	0:00	0
1200	Commercial Structure	Non-Participating	316519.11	332189.24	0:00	0	0:00	0
1201	Commercial Structure	Non-Participating	317054.67	332356.94	0:00	0	0:00	0
1202	Commercial Structure	Non-Participating	317497.42	332389.27	0:00	0	0:00	0
1203	Commercial Structure	Non-Participating	317129.72	332005.52	0:00	0	0:00	0
1205	Commercial Structure	Non-Participating	316552.94	331350.55	0:00	0	0:00	0
1206	Commercial Structure	Non-Participating	318548.81	333570.65	0:00	0	0:00	0
1207	Commercial Structure	Non-Participating	318550.86	333520.27	0:00	0	0:00	0
1208	Commercial Structure	Non-Participating	318757.04	333535.63	0:00	0	0:00	0
1209	Commercial Structure	Non-Participating	318798.66	333529.18	0:00	0	0:00	0
1210	Commercial Structure	Non-Participating	317665.63	333371.85	0:00	0	0:00	0
1211	Commercial Structure	Non-Participating	317574.33	333443.39	0:00	0	0:00	0
1212	Commercial Structure	Non-Participating	317577.64	333567.28	0:00	0	0:00	0
1213	Commercial Structure	Non-Participating	319043.12	332018.21	0:00	0	0:00	0
1214	Commercial Structure	Non-Participating	318984.47	331982.38	0:00	0	0:00	0
1215	Commercial Structure	Non-Participating	319043.72	331989.19	0:00	0	0:00	0
1216	Commercial Structure	Non-Participating	318829.00	331235.83	0:00	0	0:00	0
1217	Commercial Structure	Non-Participating	318930.79	331010.26	0:00	0	0:00	0
1218	Commercial Structure	Non-Participating	318521.86	331385.19	0:00	0	0:00	0
1219	Commercial Structure	Non-Participating	316990.07	331355.74	0:00	0	0:00	0
1220	Commercial Structure	Non-Participating	317153.31	330927.47	0:00	0	0:00	0
1221	Commercial Structure	Non-Participating	316516.58	330767.62	0:00	0	0:00	0
1222	Commercial Structure	Non-Participating	317197.42	330681.04	0:00	0	0:00	0
1223	Commercial Structure	Non-Participating	317170.45	330328.82	0:00	0	0:00	0
1227	Commercial Structure	Non-Participating	314934.15	329075.60	0:00	0	0:00	0
1228	Commercial Structure	Non-Participating	314955.60	329149.14	0:00	0	0:00	0
1229	Commercial Structure	Non-Participating	314939.80	329460.45	0:00	0	0:00	0
1230	Commercial Structure	Non-Participating	314927.75	329518.35	0:00	0	0:00	0
1238	Commercial Structure	Non-Participating	315170.59	325499.32	0:00	0	0:00	0
1239	Commercial Structure	Non-Participating	314348.20	324591.35	0:00	0	0:00	0
1240	Commercial Structure	Non-Participating	315314.13	324313.46	0:00	0	0:00	0
1241	Commercial Structure	Non-Participating	315349.01	324311.26	0:00	0	0:00	0
1242	Commercial Structure	Non-Participating	315390.10	324283.71	0:00	0	0:00	0
1243	Commercial Structure	Non-Participating	315428.70	324266.54	0:00	0	0:00	0
1244	Commercial Structure	Non-Participating	315476.27	324367.27	0:00	0	0:00	0

Table B-1.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1245	Commercial Structure	Non-Participating	315542.15	324354.33	0:00	0	0:00	0
1246	Commercial Structure	Non-Participating	315543.10	324285.40	0:00	0	0:00	0
1247	Commercial Structure	Non-Participating	315844.26	324258.42	0:00	0	0:00	0
1248	Commercial Structure	Non-Participating	315843.30	324326.60	0:00	0	0:00	0
1249	Commercial Structure	Non-Participating	315918.14	324134.88	0:00	0	0:00	0
1250	Commercial Structure	Non-Participating	316135.11	323349.77	0:00	0	0:00	0
1251	Commercial Structure	Non-Participating	315371.50	323262.12	0:00	0	0:00	0
1252	Commercial Structure	Non-Participating	317400.15	323519.27	0:00	0	0:00	0
1253	Commercial Structure	Non-Participating	317118.13	322733.94	0:00	0	0:00	0
1254	Commercial Structure	Non-Participating	317125.92	322799.87	0:00	0	0:00	0
1262	Commercial Structure	Non-Participating	320700.29	331210.19	0:00	0	0:00	0
1263	Commercial Structure	Non-Participating	319738.61	331519.96	0:00	0	0:00	0
1264	Commercial Structure	Non-Participating	319904.31	332434.29	0:00	0	0:00	0
1265	Commercial Structure	Non-Participating	321173.65	329286.32	0:00	0	0:00	0
1266	Commercial Structure	Non-Participating	323278.07	329951.57	0:00	0	0:00	0
1267	Commercial Structure	Non-Participating	323707.57	329330.15	0:00	0	0:00	0
1268	Commercial Structure	Non-Participating	324679.73	328352.22	0:00	0	0:00	0
1269	Commercial Structure	Non-Participating	323395.26	327982.27	0:00	0	0:00	0
1270	Commercial Structure	Non-Participating	323084.83	328686.47	0:00	0	0:00	0
1271	Commercial Structure	Non-Participating	323080.35	328736.99	0:00	0	0:00	0
1272	Commercial Structure	Non-Participating	323039.78	329283.93	0:00	0	0:00	0
1273	Commercial Structure	Non-Participating	322020.22	327682.87	0:00	0	0:00	0
1274	Commercial Structure	Non-Participating	322047.77	327725.22	0:00	0	0:00	0
1284	Commercial Structure	Non-Participating	320397.03	325135.64	0:00	0	0:00	0
1285	Commercial Structure	Non-Participating	318552.58	323442.70	0:00	0	0:00	0
1287	Commercial Structure	Non-Participating	322320.89	320900.09	0:00	0	0:00	0
1288	Commercial Structure	Non-Participating	322369.45	320902.64	0:00	0	0:00	0
1492	Commercial Structure	Non-Participating	313894.23	327969.57	0:00	0	0:00	0
1527	Commercial Structure	Non-Participating	315658.45	332008.55	0:00	0	0:00	0
1627	Commercial Structure	Non-Participating	314945.39	329533.34	0:00	0	0:00	0
1987	Commercial Structure	Non-Participating	323098.47	329854.20	0:00	0	0:00	0
2206	Commercial Structure	Non-Participating	317327.51	323518.52	0:00	0	0:00	0
2208	Commercial Structure	Non-Participating	320100.68	321879.73	0:00	0	0:00	0
2213	Commercial Structure	Non-Participating	323193.95	320263.88	0:00	0	0:00	0
2216	Commercial Structure	Non-Participating	321249.84	322604.17	0:00	0	0:00	0
2217	Commercial Structure	Non-Participating	322343.19	320869.37	0:00	0	0:00	0
2229	Commercial Structure	Non-Participating	315921.17	324146.19	0:00	0	0:00	0
2230	Commercial Structure	Non-Participating	316975.16	322730.67	0:00	0	0:00	0
2240	Commercial Structure	Non-Participating	315969.51	324133.00	0:00	0	0:00	0
2243	Commercial Structure	Non-Participating	315914.55	324121.56	0:00	0	0:00	0
2251	Commercial Structure	Non-Participating	315896.11	324135.52	0:00	0	0:00	0
2257	Commercial Structure	Non-Participating	320099.24	321915.01	0:00	0	0:00	0

Table B-1.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2258	Commercial Structure	Non-Participating	315364.83	323338.76	0:00	0	0:00	0
2270	Commercial Structure	Non-Participating	315430.40	323269.90	0:00	0	0:00	0
2286	Commercial Structure	Non-Participating	315437.58	323321.57	0:00	0	0:00	0
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Commercial Receptors								
1260	Commercial Structure	Non-Participating	319529.03	328095.53	282:04	87	64:56	3896
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0

Table B-1.g: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
863	Commercial Structure	Participating	326938.34	324133.53	135:09	80	41:12	2472
864	Commercial Structure	Participating	326936.63	324109.24	108:21	73	32:53	1973
865	Commercial Structure	Participating	326890.63	324202.23	180:14	74	55:01	3301
866	Commercial Structure	Participating	326722.74	324654.27	180:18	61	48:08	2888
891	Commercial Structure	Participating	325020.34	323873.12	15:26	29	4:49	289
892	Commercial Structure	Participating	325072.97	323854.29	17:15	31	5:26	326
893	Commercial Structure	Participating	325088.85	323872.96	17:30	31	5:29	329
894	Commercial Structure	Participating	325043.35	323895.90	15:48	30	4:55	295
1255	Commercial Structure	Participating	316600.41	326929.55	70:04	51	14:16	856
1256	Commercial Structure	Participating	316643.98	326988.51	65:50	52	12:52	772
1276	Commercial Structure	Participating	322673.89	326481.58	188:51	94	53:00	3180
1277	Commercial Structure	Participating	322695.59	326402.22	183:15	89	54:32	3272
1278	Commercial Structure	Participating	321024.39	326811.30	81:12	42	21:19	1279
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0
1879	Commercial Structure	Participating	318832.28	328834.77	204:24	101	61:00	3660
Summary of Maximum and Minimum Shadow Flicker for Participating Commercial Receptors								
1879	Commercial Structure	Participating	318832.28	328834.77	204:24	101	61:00	3660
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0

Table B-1.h: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1879	Commercial Structure	Participating	318832.28	328834.77	204:24	101	61:00	3660
865	Commercial Structure	Participating	326890.63	324202.23	180:14	74	55:01	3301
1277	Commercial Structure	Participating	322695.59	326402.22	183:15	89	54:32	3272
1276	Commercial Structure	Participating	322673.89	326481.58	188:51	94	53:00	3180
866	Commercial Structure	Participating	326722.74	324654.27	180:18	61	48:08	2888
863	Commercial Structure	Participating	326938.34	324133.53	135:09	80	41:12	2472
864	Commercial Structure	Participating	326936.63	324109.24	108:21	73	32:53	1973
1278	Commercial Structure	Participating	321024.39	326811.30	81:12	42	21:19	1279
1255	Commercial Structure	Participating	316600.41	326929.55	70:04	51	14:16	856
1256	Commercial Structure	Participating	316643.98	326988.51	65:50	52	12:52	772
893	Commercial Structure	Participating	325088.85	323872.96	17:30	31	5:29	329
892	Commercial Structure	Participating	325072.97	323854.29	17:15	31	5:26	326
894	Commercial Structure	Participating	325043.35	323895.90	15:48	30	4:55	295
891	Commercial Structure	Participating	325020.34	323873.12	15:26	29	4:49	289
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Commercial Receptors								
1879	Commercial Structure	Participating	318832.28	328834.77	204:24	101	61:00	3660
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0

Table B-1.i: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Unknown and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
898	Unknown Structure	Non-Participating	326322.80	321709.65	0:00	0	0:00	0
1083	Unknown Structure	Non-Participating	328546.33	327053.66	0:00	0	0:00	0
1146	Unknown Structure	Non-Participating	329683.95	322204.83	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Unknown Receptors								
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0

Table B-1.j: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Unknown and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
898	Unknown Structure	Non-Participating	326322.80	321709.65	0:00	0	0:00	0
1083	Unknown Structure	Non-Participating	328546.33	327053.66	0:00	0	0:00	0
1146	Unknown Structure	Non-Participating	329683.95	322204.83	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Unknown Receptors								
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
620	Other Structure	Non-Participating	326649.95	325722.39	84:33	67	13:46	826
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	11:40	25	1:36	96
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1018	Other Structure	Non-Participating	322768.96	323596.52	122:21	69	38:44	2324
1019	Other Structure	Non-Participating	322667.63	323521.29	85:28	57	27:09	1629
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1046	Other Structure	Non-Participating	328568.33	325013.85	28:57	31	7:20	440
1047	Other Structure	Non-Participating	328487.87	324838.03	36:41	34	10:22	622
1048	Other Structure	Non-Participating	328548.19	324997.78	30:08	32	7:44	464
1050	Other Structure	Non-Participating	328658.47	325378.76	12:44	28	3:04	184
1051	Other Structure	Non-Participating	327116.80	323472.60	6:44	19	2:15	135
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1058	Other Structure	Non-Participating	326771.44	325364.16	80:28	45	17:47	1067
1062	Other Structure	Non-Participating	328096.09	325350.20	38:54	47	8:40	520
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1121	Other Structure	Non-Participating	324342.93	327561.64	28:41	28	4:22	262
1123	Other Structure	Non-Participating	325323.70	325582.46	49:32	66	10:40	640
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1125	Other Structure	Non-Participating	323751.58	327372.87	15:17	32	2:05	125
1126	Other Structure	Non-Participating	323881.70	326742.76	63:29	59	19:27	1167
1127	Other Structure	Non-Participating	323892.51	326704.72	66:40	59	21:04	1264
1128	Other Structure	Non-Participating	323967.35	326704.37	51:10	53	16:05	965

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1130	Other Structure	Non-Participating	324323.73	325521.34	59:26	57	8:46	526
1131	Other Structure	Non-Participating	322882.40	326117.48	53:02	46	17:01	1021
1132	Other Structure	Non-Participating	323089.76	325454.68	36:02	35	6:55	415
1133	Other Structure	Non-Participating	323114.97	325565.48	34:58	35	6:21	381
1134	Other Structure	Non-Participating	324362.59	323896.97	15:51	31	4:28	268
1135	Other Structure	Non-Participating	324442.51	323849.41	14:09	29	4:07	247
1136	Other Structure	Non-Participating	324417.97	323839.93	14:49	30	4:20	260
1137	Other Structure	Non-Participating	324361.51	323988.16	15:27	30	4:05	245
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1158	Other Structure	Non-Participating	324390.06	323878.53	15:18	30	4:22	262
1159	Other Structure	Non-Participating	324387.15	323987.08	14:38	30	3:53	233
1160	Other Structure	Non-Participating	323107.91	324885.25	58:26	51	16:20	980
1162	Other Structure	Non-Participating	323271.75	324925.88	76:54	48	21:30	1290
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1172	Other Structure	Non-Participating	327209.81	325397.87	147:55	100	26:25	1585
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1327	Other Structure	Non-Participating	316879.42	329389.63	9:54	25	2:43	163
1328	Other Structure	Non-Participating	316758.86	329357.41	0:00	0	0:00	0
1329	Other Structure	Non-Participating	314783.24	328597.48	0:00	0	0:00	0
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1332	Other Structure	Non-Participating	314635.73	327847.18	9:34	24	2:47	167
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1348	Other Structure	Non-Participating	317967.87	326252.19	103:39	52	31:53	1913
1349	Other Structure	Non-Participating	318025.94	326293.06	83:32	48	25:07	1507
1350	Other Structure	Non-Participating	318007.03	326758.44	63:22	40	12:08	728
1351	Other Structure	Non-Participating	317830.57	326862.15	47:38	48	11:16	676
1352	Other Structure	Non-Participating	317483.34	327547.59	72:13	37	21:37	1297
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	70:02	36	20:53	1253
1354	Other Structure	Non-Participating	317083.62	327325.03	103:39	58	32:01	1921
1355	Other Structure	Non-Participating	316895.66	327118.47	158:50	79	47:27	2847
1356	Other Structure	Non-Participating	317248.23	329173.60	35:11	34	9:27	567
1357	Other Structure	Non-Participating	317584.54	329007.81	116:57	49	33:06	1986
1358	Other Structure	Non-Participating	318279.50	329674.45	67:19	89	10:24	624
1359	Other Structure	Non-Participating	319039.03	329746.32	27:43	37	5:08	308
1360	Other Structure	Non-Participating	319121.20	329629.43	37:06	36	7:08	428

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1361	Other Structure	Non-Participating	319775.99	329464.40	56:25	44	8:43	523
1362	Other Structure	Non-Participating	319914.74	329076.51	51:53	47	11:54	714
1363	Other Structure	Non-Participating	319950.57	328307.72	51:34	41	11:10	670
1364	Other Structure	Non-Participating	317668.43	327310.91	12:10	29	3:27	207
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1385	Other Structure	Non-Participating	322485.59	327517.32	20:17	30	3:17	197
1386	Other Structure	Non-Participating	322467.53	327513.85	22:03	31	3:36	216
1387	Other Structure	Non-Participating	320994.33	327539.98	49:37	57	7:39	459
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1389	Other Structure	Non-Participating	322047.05	327592.90	0:00	0	0:00	0
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1393	Other Structure	Non-Participating	320974.93	326062.30	52:46	32	16:37	997
1394	Other Structure	Non-Participating	320571.35	325988.92	34:57	43	11:55	715
1395	Other Structure	Non-Participating	320707.00	326260.82	57:12	56	17:39	1059
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1854	Other Structure	Non-Participating	316794.89	328352.51	52:00	40	8:16	496
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2115	Other Structure	Non-Participating	320833.86	326112.17	76:48	44	24:18	1458
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	20:18	36	6:22	382
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0

Table B-1.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2291	Other Structure	Non-Participating	320780.79	326136.43	74:43	55	23:41	1421
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2309	Other Structure	Non-Participating	315245.36	326638.79	23:18	28	7:22	442
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
2330	Other Structure	Non-Participating	317822.66	328416.47	132:17	54	32:50	1970
2332	Other Structure	Non-Participating	317647.41	329132.20	113:24	54	28:39	1719
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
1355	Other Structure	Non-Participating	316895.66	327118.47	158:50	79	47:27	2847
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1355	Other Structure	Non-Participating	316895.66	327118.47	158:50	79	47:27	2847
1018	Other Structure	Non-Participating	322768.96	323596.52	122:21	69	38:44	2324
1357	Other Structure	Non-Participating	317584.54	329007.81	116:57	49	33:06	1986
2330	Other Structure	Non-Participating	317822.66	328416.47	132:17	54	32:50	1970
1354	Other Structure	Non-Participating	317083.62	327325.03	103:39	58	32:01	1921
1348	Other Structure	Non-Participating	317967.87	326252.19	103:39	52	31:53	1913
2332	Other Structure	Non-Participating	317647.41	329132.20	113:24	54	28:39	1719
1019	Other Structure	Non-Participating	322667.63	323521.29	85:28	57	27:09	1629
1172	Other Structure	Non-Participating	327209.81	325397.87	147:55	100	26:25	1585
1349	Other Structure	Non-Participating	318025.94	326293.06	83:32	48	25:07	1507
2115	Other Structure	Non-Participating	320833.86	326112.17	76:48	44	24:18	1458
2291	Other Structure	Non-Participating	320780.79	326136.43	74:43	55	23:41	1421
1352	Other Structure	Non-Participating	317483.34	327547.59	72:13	37	21:37	1297
1162	Other Structure	Non-Participating	323271.75	324925.88	76:54	48	21:30	1290
1127	Other Structure	Non-Participating	323892.51	326704.72	66:40	59	21:04	1264
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	70:02	36	20:53	1253
1126	Other Structure	Non-Participating	323881.70	326742.76	63:29	59	19:27	1167
1058	Other Structure	Non-Participating	326771.44	325364.16	80:28	45	17:47	1067
1395	Other Structure	Non-Participating	320707.00	326260.82	57:12	56	17:39	1059
1131	Other Structure	Non-Participating	322882.40	326117.48	53:02	46	17:01	1021
1393	Other Structure	Non-Participating	320974.93	326062.30	52:46	32	16:37	997
1160	Other Structure	Non-Participating	323107.91	324885.25	58:26	51	16:20	980
1128	Other Structure	Non-Participating	323967.35	326704.37	51:10	53	16:05	965
620	Other Structure	Non-Participating	326649.95	325722.39	84:33	67	13:46	826
1350	Other Structure	Non-Participating	318007.03	326758.44	63:22	40	12:08	728
1394	Other Structure	Non-Participating	320571.35	325988.92	34:57	43	11:55	715
1362	Other Structure	Non-Participating	319914.74	329076.51	51:53	47	11:54	714
1351	Other Structure	Non-Participating	317830.57	326862.15	47:38	48	11:16	676
1363	Other Structure	Non-Participating	319950.57	328307.72	51:34	41	11:10	670
1123	Other Structure	Non-Participating	325323.70	325582.46	49:32	66	10:40	640
1358	Other Structure	Non-Participating	318279.50	329674.45	67:19	89	10:24	624
1047	Other Structure	Non-Participating	328487.87	324838.03	36:41	34	10:22	622
1356	Other Structure	Non-Participating	317248.23	329173.60	35:11	34	9:27	567
1130	Other Structure	Non-Participating	324323.73	325521.34	59:26	57	8:46	526
1361	Other Structure	Non-Participating	319775.99	329464.40	56:25	44	8:43	523
1062	Other Structure	Non-Participating	328096.09	325350.20	38:54	47	8:40	520
1854	Other Structure	Non-Participating	316794.89	328352.51	52:00	40	8:16	496
1048	Other Structure	Non-Participating	328548.19	324997.78	30:08	32	7:44	464
1387	Other Structure	Non-Participating	320994.33	327539.98	49:37	57	7:39	459
2309	Other Structure	Non-Participating	315245.36	326638.79	23:18	28	7:22	442
1046	Other Structure	Non-Participating	328568.33	325013.85	28:57	31	7:20	440
1360	Other Structure	Non-Participating	319121.20	329629.43	37:06	36	7:08	428

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1132	Other Structure	Non-Participating	323089.76	325454.68	36:02	35	6:55	415
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	20:18	36	6:22	382
1133	Other Structure	Non-Participating	323114.97	325565.48	34:58	35	6:21	381
1359	Other Structure	Non-Participating	319039.03	329746.32	27:43	37	5:08	308
1134	Other Structure	Non-Participating	324362.59	323896.97	15:51	31	4:28	268
1121	Other Structure	Non-Participating	324342.93	327561.64	28:41	28	4:22	262
1158	Other Structure	Non-Participating	324390.06	323878.53	15:18	30	4:22	262
1136	Other Structure	Non-Participating	324417.97	323839.93	14:49	30	4:20	260
1135	Other Structure	Non-Participating	324442.51	323849.41	14:09	29	4:07	247
1137	Other Structure	Non-Participating	324361.51	323988.16	15:27	30	4:05	245
1159	Other Structure	Non-Participating	324387.15	323987.08	14:38	30	3:53	233
1386	Other Structure	Non-Participating	322467.53	327513.85	22:03	31	3:36	216
1364	Other Structure	Non-Participating	317668.43	327310.91	12:10	29	3:27	207
1385	Other Structure	Non-Participating	322485.59	327517.32	20:17	30	3:17	197
1050	Other Structure	Non-Participating	328658.47	325378.76	12:44	28	3:04	184
1332	Other Structure	Non-Participating	314635.73	327847.18	9:34	24	2:47	167
1327	Other Structure	Non-Participating	316879.42	329389.63	9:54	25	2:43	163
1051	Other Structure	Non-Participating	327116.80	323472.60	6:44	19	2:15	135
1125	Other Structure	Non-Participating	323751.58	327372.87	15:17	32	2:05	125
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	11:40	25	1:36	96
1389	Other Structure	Non-Participating	322047.05	327592.90	0:00	0	0:00	0
1329	Other Structure	Non-Participating	314783.24	328597.48	0:00	0	0:00	0
1328	Other Structure	Non-Participating	316758.86	329357.41	0:00	0	0:00	0
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0

Table B-1.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
1355	Other Structure	Non-Participating	316895.66	327118.47	158:50	79	47:27	2847
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0

Table B-1.m: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
707	Other Structure	Participating	323572.23	324755.20	53:09	54	13:49	829
1053	Other Structure	Participating	326779.34	323994.06	94:52	56	29:23	1763
1054	Other Structure	Participating	326890.60	324140.60	156:46	75	47:33	2853
1055	Other Structure	Participating	326833.84	324582.29	162:48	63	36:53	2213
1056	Other Structure	Participating	326765.97	324596.30	175:16	58	43:42	2622
1057	Other Structure	Participating	326699.29	324617.22	182:19	64	49:23	2963
1138	Other Structure	Participating	322569.89	325206.55	53:57	39	9:13	553
1139	Other Structure	Participating	323024.33	325025.50	50:44	53	12:56	776
1140	Other Structure	Participating	323002.26	324993.56	49:55	54	12:58	778
1141	Other Structure	Participating	323039.52	324978.30	51:48	52	13:39	819
1161	Other Structure	Participating	323275.69	324990.73	75:08	48	19:58	1198
1391	Other Structure	Participating	321500.12	326342.74	62:55	51	18:08	1088
1392	Other Structure	Participating	321496.88	326287.98	71:39	52	21:36	1296
1397	Other Structure	Participating	322548.01	325197.20	54:40	40	9:18	558
1429	Uninhabitable Residence	Participating	317886.55	328175.99	102:14	74	25:58	1558
2086	Other Structure	Participating	322663.70	326721.51	129:13	94	30:30	1830
2292	Other Structure	Participating	317835.45	326202.77	102:47	66	30:23	1823
2328	Other Structure	Participating	316592.56	326974.92	61:45	49	12:11	731
2331	Other Structure	Participating	318820.70	328960.73	219:32	111	61:24	3684
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
2331	Other Structure	Participating	318820.70	328960.73	219:32	111	61:24	3684
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0

Table B-1.n: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Noise Limit at Non Participating Receptors [dBA]	Leq (dB) - Extrapolated	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)			16 Hz			
2331	Other Structure	Participating	318820.70	328960.73	219:32	45	111	111	61:24	3684
1057	Other Structure	Participating	326699.29	324617.22	182:19	45	64	64	49:23	2963
1054	Other Structure	Participating	326890.60	324140.60	156:46	45	75	75	47:33	2853
1056	Other Structure	Participating	326765.97	324596.30	175:16	45	58	58	43:42	2622
1055	Other Structure	Participating	326833.84	324582.29	162:48	45	63	63	36:53	2213
2086	Other Structure	Participating	322663.70	326721.51	129:13	45	94	94	30:30	1830
2292	Other Structure	Participating	317835.45	326202.77	102:47	45	66	66	30:23	1823
1053	Other Structure	Participating	326779.34	323994.06	94:52	45	56	56	29:23	1763
1429	Uninhabitable Residence	Participating	317886.55	328175.99	102:14	45	74	74	25:58	1558
1392	Other Structure	Participating	321496.88	326287.98	71:39	45	52	52	21:36	1296
1161	Other Structure	Participating	323275.69	324990.73	75:08	45	48	48	19:58	1198
1391	Other Structure	Participating	321500.12	326342.74	62:55	45	51	51	18:08	1088
707	Other Structure	Participating	323572.23	324755.20	53:09	45	54	54	13:49	829
1141	Other Structure	Participating	323039.52	324978.30	51:48	45	52	52	13:39	819
1140	Other Structure	Participating	323002.26	324993.56	49:55	45	54	54	12:58	778
1139	Other Structure	Participating	323024.33	325025.50	50:44	45	53	53	12:56	776
2328	Other Structure	Participating	316592.56	326974.92	61:45	45	49	49	12:11	731
1397	Other Structure	Participating	322548.01	325197.20	54:40	45	40	40	9:18	558
1138	Other Structure	Participating	322569.89	325206.55	53:57	45	39	39	9:13	553
450	Other Structure	Participating	323252.83	323325.13	0:00	45	0	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors										
2331	Other Structure	Participating	318820.70	328960.73	219:32	45	111	111	61:24	3684
450	Other Structure	Participating	323252.83	323325.13	0:00	45	0	0	0:00	0

Table B-1.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0

Table B-1.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1175	Public Structure	Non-Participating	328798.91	325209.24	10:40	26	2:55	175
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1299	Institutional Structure	Non-Participating	322059.40	323672.65	11:10	27	3:20	200
1300	Institutional Structure	Non-Participating	322008.16	323597.31	10:33	26	3:13	193
1301	Institutional Structure	Non-Participating	322088.91	323628.57	12:20	28	3:46	226
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1413	Public Structure	Non-Participating	316259.98	326540.25	40:33	38	11:40	700
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0
1417	Public Structure	Non-Participating	321254.77	324520.60	51:13	52	16:08	968

Table B-1.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
1417	Public Structure	Non-Participating	321254.77	324520.60	51:13	52	16:08	968
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0

Table B-1.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1417	Public Structure	Non-Participating	321254.77	324520.60	51:13	52	16:08	968
1413	Public Structure	Non-Participating	316259.98	326540.25	40:33	38	11:40	700
1301	Institutional Structure	Non-Participating	322088.91	323628.57	12:20	28	3:46	226
1299	Institutional Structure	Non-Participating	322059.40	323672.65	11:10	27	3:20	200
1300	Institutional Structure	Non-Participating	322008.16	323597.31	10:33	26	3:13	193
1175	Public Structure	Non-Participating	328798.91	325209.24	10:40	26	2:55	175
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0

Table B-1.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0

Table B-1.p: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Public and Non-Participating Receptors] - V150-4.5

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
1417	Public Structure	Non-Participating	321254.77	324520.60	51:13	52	16:08	968
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0
394	Year-Round Residence	Non-Participating	324602.97	323042.45	0:00	0	0:00	0
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0
453	Year-Round Residence	Non-Participating	322840.82	323525.82	57:10	61	18:00	1080
454	Year-Round Residence	Non-Participating	322770.63	323572.25	110:30	69	35:04	2104
455	Year-Round Residence	Non-Participating	322644.45	323527.32	83:36	55	26:33	1593
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0
508	Year-Round Residence	Non-Participating	327288.39	323447.52	30:12	31	10:21	621
509	Year-Round Residence	Non-Participating	327335.06	323449.52	32:56	30	11:17	677
510	Year-Round Residence	Non-Participating	327391.76	323456.44	32:32	29	11:09	669
511	Year-Round Residence	Non-Participating	327576.50	323465.03	15:28	25	5:13	313
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0
516	Year-Round Residence	Non-Participating	328672.21	323635.95	23:09	26	7:56	476
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0
527	Year-Round Residence	Non-Participating	328542.55	324881.84	31:24	32	8:41	521
528	Year-Round Residence	Non-Participating	328724.14	324956.55	13:01	27	4:01	241
529	Year-Round Residence	Non-Participating	328534.45	324976.61	30:49	32	7:58	478
530	Year-Round Residence	Non-Participating	328333.33	325321.72	32:06	37	6:42	402
531	Year-Round Residence	Non-Participating	328415.82	325312.78	19:28	34	4:43	283
532	Year-Round Residence	Non-Participating	328667.48	325315.61	12:40	28	3:09	189
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0
537	Year-Round Residence	Non-Participating	327087.71	323490.62	11:12	25	3:47	227
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0
539	Year-Round Residence	Non-Participating	327028.98	323617.64	45:04	41	15:23	923
540	Year-Round Residence	Non-Participating	327012.42	323661.50	55:01	42	18:40	1120
541	Year-Round Residence	Non-Participating	326962.47	323754.45	62:59	45	20:54	1254
542	Year-Round Residence	Non-Participating	326946.82	323784.39	54:30	46	17:53	1073
543	Year-Round Residence	Non-Participating	326931.48	323842.78	45:48	46	14:46	886
552	Year-Round Residence	Non-Participating	326755.39	325346.80	76:22	44	17:22	1042
553	Year-Round Residence	Non-Participating	327187.08	325373.13	157:39	103	28:19	1699
554	Year-Round Residence	Non-Participating	327684.86	325423.87	90:23	74	13:41	821
555	Year-Round Residence	Non-Participating	327986.87	325353.51	54:42	54	10:59	659
556	Year-Round Residence	Non-Participating	328153.86	325350.10	34:18	44	7:42	462
557	Year-Round Residence	Non-Participating	328156.33	325593.76	51:10	40	8:05	485
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0
617	Year-Round Residence	Non-Participating	326708.71	325510.49	77:35	48	15:27	927
618	Year-Round Residence	Non-Participating	326712.96	325555.38	82:56	48	15:36	936
619	Year-Round Residence	Non-Participating	326695.20	325726.06	71:40	57	11:31	691
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0
653	Year-Round Residence	Non-Participating	326572.88	325697.83	95:49	77	15:28	928
654	Year-Round Residence	Non-Participating	326496.07	325713.02	88:50	79	14:08	848
655	Year-Round Residence	Non-Participating	326404.00	325722.64	66:14	63	10:22	622
656	Year-Round Residence	Non-Participating	326367.51	325624.10	91:24	68	14:27	867
657	Year-Round Residence	Non-Participating	326332.81	325715.92	43:11	42	6:45	405
658	Year-Round Residence	Non-Participating	326307.12	325606.54	87:17	64	13:31	811
659	Year-Round Residence	Non-Participating	326269.00	325693.83	29:38	36	4:40	280
660	Year-Round Residence	Non-Participating	326224.58	325615.64	57:48	59	8:56	536
661	Year-Round Residence	Non-Participating	326198.44	325709.84	10:27	23	1:56	116
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0
678	Year-Round Residence	Non-Participating	324383.65	327571.59	27:15	27	4:08	248
679	Year-Round Residence	Non-Participating	324665.78	327336.01	10:43	24	2:13	133
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0
682	Year-Round Residence	Non-Participating	325269.53	325663.08	43:10	63	8:39	519
683	Year-Round Residence	Non-Participating	325279.20	325628.61	42:33	63	8:55	535
684	Year-Round Residence	Non-Participating	325296.66	325606.08	43:37	64	9:20	560
685	Year-Round Residence	Non-Participating	325319.64	325594.68	44:34	65	9:39	579
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0
690	Year-Round Residence	Non-Participating	323743.37	327378.89	3:01	14	0:22	22
691	Year-Round Residence	Non-Participating	323948.14	326728.54	51:21	54	15:46	946
692	Year-Round Residence	Non-Participating	323917.32	326574.41	98:21	58	32:11	1931
693	Year-Round Residence	Non-Participating	323939.22	326503.06	78:25	56	26:26	1586
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0
697	Year-Round Residence	Non-Participating	324282.81	325570.53	18:55	37	2:37	157
698	Year-Round Residence	Non-Participating	324363.05	325478.61	73:54	58	11:16	676
699	Year-Round Residence	Non-Participating	324594.92	324913.88	176:28	75	42:04	2524
700	Year-Round Residence	Non-Participating	324831.93	324371.68	103:00	51	33:10	1990
701	Year-Round Residence	Non-Participating	324991.93	323830.97	14:51	29	4:39	279
703	Year-Round Residence	Non-Participating	322846.05	326170.30	69:56	47	22:13	1333
704	Year-Round Residence	Non-Participating	322857.95	326139.50	61:58	46	19:47	1187
705	Year-Round Residence	Non-Participating	323158.90	325496.31	33:00	37	6:09	369
706	Year-Round Residence	Non-Participating	323320.03	324905.64	86:27	51	24:16	1456
708	Year-Round Residence	Non-Participating	323690.28	324591.21	83:09	70	24:50	1490
709	Year-Round Residence	Non-Participating	323599.59	324540.28	63:47	60	19:39	1179
710	Year-Round Residence	Non-Participating	324371.67	323917.57	15:17	30	4:15	255
711	Year-Round Residence	Non-Participating	322599.52	325185.83	56:02	38	9:39	579
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0
715	Seasonal Residence	Non-Participating	326701.27	325635.06	76:44	54	13:28	808
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	44:55	52	10:58	658
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	12:58	25	2:22	142
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	12:05	25	2:18	138
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	71:21	72	10:38	638
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	217:57	87	55:46	3346
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	56:05	43	14:16	856
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	10:02	24	3:05	185
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	0:00	0
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	39:38	31	12:25	745
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	15:42	28	4:53	293
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	23:14	29	6:16	376
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	23:44	35	4:50	290
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	51:59	47	14:23	863
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	63:02	51	9:36	576
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:00	0
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:00	0
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	0:00	0
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	0:00	0
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	0:00	0
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	0:00	0
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	0:00	0
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	0:00	0
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	0:00	0
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	0:00	0
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	0:00	0
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	0:00	0
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	0:00	0
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	0:00	0
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	0:00	0
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	0:00	0
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	0:00	0
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	0:00	0
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	0:00	0
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	0:00	0
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	0:00	0
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	0:00	0
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	0:00	0
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	0:00	0
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	0:00	0
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	0:00	0
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	0:00	0
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	0:00	0
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	0:00	0
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	0:00	0
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:00	0
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:00	0
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:00	0
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:00	0
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:00	0
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:00	0
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:00	0
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:00	0
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	0:00	0
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	0:00	0
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	0:00	0
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	0:00	0
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	0:00	0
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	0:00	0
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	0:00	0
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	0:00	0
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	0:00	0
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	0:00	0
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	0:00	0
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	0:00	0
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	0:00	0
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	0:00	0
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	0:00	0
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	0:00	0
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	0:00	0
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	0:00	0
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	12:12	25	2:38	158
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	15:30	28	3:12	192
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	9:10	24	2:36	156
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	9:31	24	2:44	164

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	0:00	0	0:00	0
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	9:42	27	1:25	85
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	42:56	43	8:15	495
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	29:11	39	6:31	391
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	49:54	42	10:26	626
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	11:12	25	2:39	159
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	11:19	25	2:31	151
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	14:59	26	2:48	168
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	15:05	25	2:46	166
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	20:17	27	3:20	200
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	75:48	43	23:05	1385
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	10:11	25	2:59	179
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	16:15	29	4:39	279
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	14:17	29	4:05	245
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	16:52	31	5:05	305
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	9:32	24	2:42	162
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	9:47	24	2:49	169
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	10:15	25	3:00	180
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	9:08	23	2:38	158
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	8:56	23	2:35	155
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	0:00	0	0:00	0
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	9:32	24	2:48	168
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	9:11	23	2:41	161
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	8:59	23	2:38	158
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	0:00	0	0:00	0
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	0:00	0	0:00	0
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	0:00	0	0:00	0
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	0:00	0	0:00	0
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	3:08	13	0:57	57
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	25:46	30	8:09	489
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	17:54	26	5:37	337
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	10:01	24	3:04	184
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	12:19	27	3:46	226
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	11:45	25	3:40	220
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	23:30	28	6:46	406
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	13:10	26	4:05	245
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	15:40	26	4:55	295
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	17:01	26	5:23	323
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	27:36	26	8:48	528
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	0:00	0	0:00	0
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	0:00	0	0:00	0
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	0:00	0	0:00	0
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	93:38	54	29:10	1750
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	117:38	57	32:36	1956
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	66:00	44	15:43	943
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	118:03	52	24:38	1478
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	94:14	46	18:50	1130
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	71:44	46	14:30	870
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	84:47	53	19:34	1174
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	45:18	48	11:15	675
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	56:02	50	12:10	730

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	144:26	71	28:28	1708
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	105:14	58	19:16	1156
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	85:04	52	14:51	891
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	52:03	47	9:22	562
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	28:47	33	5:49	349
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	13:33	30	3:48	228
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	32:18	32	9:13	553
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	23:43	27	6:35	395
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	37:13	37	10:52	652
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	47:33	40	14:05	845
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	87:11	48	26:24	1584
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	59:06	41	18:57	1137
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	97:17	54	30:02	1802
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	97:40	59	30:31	1831
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	95:09	55	29:35	1775
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	147:47	85	43:02	2582
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	143:42	73	42:03	2523
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	123:09	66	30:51	1851
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	93:09	64	16:04	964
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	51:33	43	13:29	809
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	39:19	38	10:35	635
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	36:19	35	10:34	634
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	32:18	33	9:20	560
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	30:24	32	8:48	528
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	160:19	73	39:57	2397
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	168:54	68	36:06	2166
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	179:02	79	42:05	2525
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	120:06	64	24:55	1495
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	37:24	47	10:56	656
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	45:48	52	12:59	779
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	43:20	51	11:17	677
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	35:47	47	9:34	574
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	35:03	46	8:29	509
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	47:19	40	7:16	436
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	34:59	39	5:15	315
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	25:16	35	3:42	222
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	61:11	32	15:13	913
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	0:00	0	0:00	0
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	22:52	27	6:29	389
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	21:59	27	6:03	363
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	24:01	28	6:22	382
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	27:55	30	7:43	463

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	27:40	30	7:18	438
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	29:13	31	8:00	480
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	39:31	34	8:54	534
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	38:57	35	9:46	586
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	45:15	37	11:06	666
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	66:39	46	17:42	1062
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	73:29	57	21:59	1319
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	89:26	58	27:23	1643
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	103:01	62	31:56	1916
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	125:24	62	38:41	2321
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	129:38	64	40:33	2433
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	123:50	74	38:57	2337
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	56:11	77	8:47	527
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	46:33	75	7:11	431
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	34:05	68	5:00	300
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	25:50	45	3:38	218
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	35:59	41	6:29	389
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	28:59	38	5:29	329
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	56:23	39	10:54	654
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	31:02	27	5:55	355
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	35:54	39	6:09	369
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	55:51	45	9:19	559
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	46:40	38	7:25	445
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	41:26	41	9:12	552
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	46:41	43	13:37	817
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	86:14	44	22:55	1375
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	88:05	40	21:21	1281
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	87:26	41	20:41	1241
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	70:58	49	17:25	1045
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	100:53	49	19:47	1187
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	56:54	47	16:02	962
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	57:16	43	18:48	1128
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	24:43	41	3:56	236
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	10:53	26	2:40	160
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	9:40	22	1:38	98
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	17:09	21	3:00	180
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	10:20	24	2:02	122
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	37:52	29	8:40	520
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	17:31	31	3:13	193
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	32:00	39	5:31	331
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	61:47	35	14:39	879
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	30:35	26	8:01	481

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	12:28	23	2:46	166
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	66:33	38	15:15	915
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	39:38	39	6:52	412
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	29:41	34	5:29	329
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	9:07	25	2:34	154
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	18:56	26	4:08	248
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	9:55	26	2:48	168
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	21:48	33	3:58	238
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:00	0
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:00	0
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	0:00	0
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	0:00	0
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	0:00	0
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	0:00	0
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:00	0
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	0:00	0
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	0:00	0
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	0:00	0
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	10:55	23	1:30	90
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	0:00	0
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	0:00	0
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	0:00	0
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	0:00	0
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	0:00	0
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	0:00	0
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	0:00	0
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:00	0
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:00	0
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:00	0
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:00	0
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	0:00	0
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:00	0
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	8:26	21	1:17	77
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	106:21	82	17:51	1071
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	105:12	85	19:20	1160
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	99:47	58	17:29	1049
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	75:06	83	17:30	1050
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	75:37	86	18:43	1123
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	120:08	94	28:51	1731
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	145:38	95	34:31	2071
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	0:00	0	0:00	0
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	0:00	0	0:00	0
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	73:27	65	11:45	705
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	37:49	31	6:40	400
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	22:02	28	3:53	233
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	16:48	28	3:05	185
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	12:15	24	2:09	129
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	83:05	52	17:59	1079
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	93:18	43	27:11	1631
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	111:28	39	34:19	2059
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	72:01	37	22:29	1349
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	44:19	31	13:53	833
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	52:57	64	16:59	1019
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	59:28	50	20:11	1211
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	72:59	66	24:01	1441
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	76:15	52	24:10	1450
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	74:54	36	23:38	1418
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	0:00	0	0:00	0
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	25:09	26	4:13	253
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	11:56	24	2:14	134
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	0:00	0	0:00	0
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	15:15	22	4:47	287
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	23:26	30	7:22	442
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	40:39	49	11:21	681
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	43:56	51	11:45	705
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	30:07	37	4:59	299
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	5:31	19	1:33	93
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	16:53	33	4:51	291
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	16:20	32	4:54	294
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	15:58	31	4:54	294
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	31:49	45	9:47	587
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	20:45	30	6:35	395
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	32:37	38	5:37	337
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	26:24	39	6:01	361
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	30:11	32	5:31	331
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	22:49	27	3:47	227
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0

Table B-2.a: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:00	0
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	0:00	0
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	65:11	40	19:48	1188
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	0:00	0	0:00	0
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	0:00	0	0:00	0
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	9:18	24	2:41	161
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	19:02	32	3:58	238
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors								
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	217:57	87	55:46	3346
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	217:57	87	55:46	3346
1835	Year-Round Residence	Non-Participating	316840.21	327098.10	147:47	85	43:02	2582
1847	Year-Round Residence	Non-Participating	316729.64	327608.64	179:02	79	42:05	2525
699	Year-Round Residence	Non-Participating	324594.92	324913.88	176:28	75	42:04	2524
1836	Year-Round Residence	Non-Participating	316933.82	327084.00	143:42	73	42:03	2523
1877	Year-Round Residence	Non-Participating	317873.20	327868.11	129:38	64	40:33	2433
1845	Year-Round Residence	Non-Participating	316869.29	327483.59	160:19	73	39:57	2397
1878	Year-Round Residence	Non-Participating	317875.16	327765.14	123:50	74	38:57	2337
1876	Year-Round Residence	Non-Participating	317788.11	327773.05	125:24	62	38:41	2321
1846	Year-Round Residence	Non-Participating	316867.91	327577.62	168:54	68	36:06	2166
454	Year-Round Residence	Non-Participating	322770.63	323572.25	110:30	69	35:04	2104
2085	Year-Round Residence	Non-Participating	322612.52	326636.84	145:38	95	34:31	2071
2106	Year-Round Residence	Non-Participating	321088.81	326528.24	111:28	39	34:19	2059
700	Year-Round Residence	Non-Participating	324831.93	324371.68	103:00	51	33:10	1990
1810	Year-Round Residence	Non-Participating	317870.98	326376.84	117:38	57	32:36	1956
692	Year-Round Residence	Non-Participating	323917.32	326574.41	98:21	58	32:11	1931
1874	Year-Round Residence	Non-Participating	317795.94	327720.97	103:01	62	31:56	1916
1837	Year-Round Residence	Non-Participating	316884.39	327047.54	123:09	66	30:51	1851
1833	Year-Round Residence	Non-Participating	317149.87	327315.26	97:40	59	30:31	1831
1832	Year-Round Residence	Non-Participating	317203.09	327364.27	97:17	54	30:02	1802
1834	Year-Round Residence	Non-Participating	317079.85	327285.09	95:09	55	29:35	1775
1809	Year-Round Residence	Non-Participating	317952.09	326188.63	93:38	54	29:10	1750
2084	Year-Round Residence	Non-Participating	322592.59	326689.96	120:08	94	28:51	1731
1818	Year-Round Residence	Non-Participating	317538.98	326863.36	144:26	71	28:28	1708
553	Year-Round Residence	Non-Participating	327187.08	325373.13	157:39	103	28:19	1699
1872	Year-Round Residence	Non-Participating	317663.68	327687.36	89:26	58	27:23	1643
2105	Year-Round Residence	Non-Participating	321022.08	326632.06	93:18	43	27:11	1631
455	Year-Round Residence	Non-Participating	322644.45	323527.32	83:36	55	26:33	1593
693	Year-Round Residence	Non-Participating	323939.22	326503.06	78:25	56	26:26	1586
1830	Year-Round Residence	Non-Participating	317523.96	327616.10	87:11	48	26:24	1584
1848	Year-Round Residence	Non-Participating	316860.53	327661.08	120:06	64	24:55	1495
708	Year-Round Residence	Non-Participating	323690.28	324591.21	83:09	70	24:50	1490
1812	Year-Round Residence	Non-Participating	317861.16	326565.00	118:03	52	24:38	1478
706	Year-Round Residence	Non-Participating	323320.03	324905.64	86:27	51	24:16	1456
2113	Year-Round Residence	Non-Participating	320801.03	326107.49	76:15	52	24:10	1450
2112	Year-Round Residence	Non-Participating	320670.77	325947.15	72:59	66	24:01	1441
2114	Year-Round Residence	Non-Participating	320855.37	326109.39	74:54	36	23:38	1418
1628	Year-Round Residence	Non-Participating	315299.06	327572.50	75:48	43	23:05	1385
1893	Year-Round Residence	Non-Participating	320024.26	328665.82	86:14	44	22:55	1375
2108	Year-Round Residence	Non-Participating	321029.12	326173.07	72:01	37	22:29	1349
703	Year-Round Residence	Non-Participating	322846.05	326170.30	69:56	47	22:13	1333
1871	Year-Round Residence	Non-Participating	317729.48	328627.04	73:29	57	21:59	1319

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1894	Year-Round Residence	Non-Participating	320027.37	328482.27	88:05	40	21:21	1281
541	Year-Round Residence	Non-Participating	326962.47	323754.45	62:59	45	20:54	1254
1895	Year-Round Residence	Non-Participating	319948.26	328511.28	87:26	41	20:41	1241
2111	Year-Round Residence	Non-Participating	320566.39	326039.10	59:28	50	20:11	1211
2312	Year-Round Residence	Non-Participating	317322.62	327370.68	65:11	40	19:48	1188
704	Year-Round Residence	Non-Participating	322857.95	326139.50	61:58	46	19:47	1187
1897	Year-Round Residence	Non-Participating	319792.29	328291.44	100:53	49	19:47	1187
709	Year-Round Residence	Non-Participating	323599.59	324540.28	63:47	60	19:39	1179
1815	Year-Round Residence	Non-Participating	317784.56	326706.62	84:47	53	19:34	1174
2079	Year-Round Residence	Non-Participating	322777.42	327105.61	105:12	85	19:20	1160
1819	Year-Round Residence	Non-Participating	317637.37	326943.56	105:14	58	19:16	1156
1831	Year-Round Residence	Non-Participating	317300.80	327256.63	59:06	41	18:57	1137
1813	Year-Round Residence	Non-Participating	317954.94	326603.29	94:14	46	18:50	1130
1899	Year-Round Residence	Non-Participating	320033.46	327691.83	57:16	43	18:48	1128
2082	Year-Round Residence	Non-Participating	322567.06	326840.98	75:37	86	18:43	1123
540	Year-Round Residence	Non-Participating	327012.42	323661.50	55:01	42	18:40	1120
453	Year-Round Residence	Non-Participating	322840.82	323525.82	57:10	61	18:00	1080
2103	Year-Round Residence	Non-Participating	321101.11	327013.69	83:05	52	17:59	1079
542	Year-Round Residence	Non-Participating	326946.82	323784.39	54:30	46	17:53	1073
2078	Year-Round Residence	Non-Participating	322707.64	327206.33	106:21	82	17:51	1071
1870	Year-Round Residence	Non-Participating	317528.33	329143.42	66:39	46	17:42	1062
2081	Year-Round Residence	Non-Participating	322573.49	326898.05	75:06	83	17:30	1050
2080	Year-Round Residence	Non-Participating	322496.52	327052.38	99:47	58	17:29	1049
1896	Year-Round Residence	Non-Participating	319856.01	328167.37	70:58	49	17:25	1045
552	Year-Round Residence	Non-Participating	326755.39	325346.80	76:22	44	17:22	1042
2110	Year-Round Residence	Non-Participating	321235.28	325875.73	52:57	64	16:59	1019
1838	Year-Round Residence	Non-Participating	316826.23	326999.13	93:09	64	16:04	964
1898	Year-Round Residence	Non-Participating	319929.38	328013.01	56:54	47	16:02	962
691	Year-Round Residence	Non-Participating	323948.14	326728.54	51:21	54	15:46	946
1811	Year-Round Residence	Non-Participating	318028.58	326513.05	66:00	44	15:43	943
618	Year-Round Residence	Non-Participating	326712.96	325555.38	82:56	48	15:36	936
653	Year-Round Residence	Non-Participating	326572.88	325697.83	95:49	77	15:28	928
617	Year-Round Residence	Non-Participating	326708.71	325510.49	77:35	48	15:27	927
539	Year-Round Residence	Non-Participating	327028.98	323617.64	45:04	41	15:23	923
1912	Year-Round Residence	Non-Participating	317869.60	327226.91	66:33	38	15:15	915
1858	Year-Round Residence	Non-Participating	316936.56	328566.79	61:11	32	15:13	913
1820	Year-Round Residence	Non-Participating	317691.66	327012.44	85:04	52	14:51	891
543	Year-Round Residence	Non-Participating	326931.48	323842.78	45:48	46	14:46	886
1909	Year-Round Residence	Non-Participating	317946.40	327282.03	61:47	35	14:39	879
1814	Year-Round Residence	Non-Participating	317884.19	326712.01	71:44	46	14:30	870
656	Year-Round Residence	Non-Participating	326367.51	325624.10	91:24	68	14:27	867
1432	Seasonal Residence	Non-Participating	319185.70	326447.45	51:59	47	14:23	863

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1174	Year-Round Residence	Non-Participating	328258.97	324981.09	56:05	43	14:16	856
654	Year-Round Residence	Non-Participating	326496.07	325713.02	88:50	79	14:08	848
1829	Year-Round Residence	Non-Participating	317585.61	327537.21	47:33	40	14:05	845
2109	Year-Round Residence	Non-Participating	321023.32	326056.07	44:19	31	13:53	833
554	Year-Round Residence	Non-Participating	327684.86	325423.87	90:23	74	13:41	821
1892	Year-Round Residence	Non-Participating	320033.24	328805.43	46:41	43	13:37	817
658	Year-Round Residence	Non-Participating	326307.12	325606.54	87:17	64	13:31	811
1840	Year-Round Residence	Non-Participating	316398.61	326657.22	51:33	43	13:29	809
715	Seasonal Residence	Non-Participating	326701.27	325635.06	76:44	54	13:28	808
1850	Year-Round Residence	Non-Participating	316720.79	327878.23	45:48	52	12:59	779
1426	Seasonal Residence	Non-Participating	316087.96	326037.01	39:38	31	12:25	745
1817	Year-Round Residence	Non-Participating	317775.27	326890.74	56:02	50	12:10	730
2148	Year-Round Residence	Non-Participating	321289.82	324758.55	43:56	51	11:45	705
2094	Year-Round Residence	Non-Participating	320911.57	327443.86	73:27	65	11:45	705
619	Year-Round Residence	Non-Participating	326695.20	325726.06	71:40	57	11:31	691
2147	Year-Round Residence	Non-Participating	321244.65	324691.59	40:39	49	11:21	681
1851	Year-Round Residence	Non-Participating	316725.04	327941.87	43:20	51	11:17	677
509	Year-Round Residence	Non-Participating	327335.06	323449.52	32:56	30	11:17	677
698	Year-Round Residence	Non-Participating	324363.05	325478.61	73:54	58	11:16	676
1816	Year-Round Residence	Non-Participating	317841.36	326803.41	45:18	48	11:15	675
510	Year-Round Residence	Non-Participating	327391.76	323456.44	32:32	29	11:09	669
1868	Year-Round Residence	Non-Participating	317365.64	329241.46	45:15	37	11:06	666
555	Year-Round Residence	Non-Participating	327986.87	325353.51	54:42	54	10:59	659
1156	Seasonal Residence	Non-Participating	323927.02	326942.58	44:55	52	10:58	658
1849	Year-Round Residence	Non-Participating	316800.48	327847.08	37:24	47	10:56	656
1886	Year-Round Residence	Non-Participating	319089.32	329472.21	56:23	39	10:54	654
1828	Year-Round Residence	Non-Participating	317633.66	327536.18	37:13	37	10:52	652
1171	Year-Round Residence	Non-Participating	327603.15	325435.83	71:21	72	10:38	638
1841	Year-Round Residence	Non-Participating	316265.84	326629.64	39:19	38	10:35	635
1842	Year-Round Residence	Non-Participating	316196.14	326473.24	36:19	35	10:34	634
1618	Year-Round Residence	Non-Participating	315323.62	328136.21	49:54	42	10:26	626
655	Year-Round Residence	Non-Participating	326404.00	325722.64	66:14	63	10:22	622
508	Year-Round Residence	Non-Participating	327288.39	323447.52	30:12	31	10:21	621
2188	Year-Round Residence	Non-Participating	322498.93	323685.05	31:49	45	9:47	587
1867	Year-Round Residence	Non-Participating	317297.54	329233.89	38:57	35	9:46	586
711	Year-Round Residence	Non-Participating	322599.52	325185.83	56:02	38	9:39	579
685	Year-Round Residence	Non-Participating	325319.64	325594.68	44:34	65	9:39	579
1438	Year-Round Residence	Non-Participating	318721.38	329731.20	63:02	51	9:36	576
1852	Year-Round Residence	Non-Participating	316797.72	327929.84	35:47	47	9:34	574
1821	Year-Round Residence	Non-Participating	317665.11	327126.93	52:03	47	9:22	562
1843	Year-Round Residence	Non-Participating	316135.62	326486.33	32:18	33	9:20	560
684	Year-Round Residence	Non-Participating	325296.66	325606.08	43:37	64	9:20	560

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1889	Year-Round Residence	Non-Participating	319725.06	329477.24	55:51	45	9:19	559
1826	Year-Round Residence	Non-Participating	317576.50	327491.43	32:18	32	9:13	553
1891	Year-Round Residence	Non-Participating	320012.36	329120.81	41:26	41	9:12	552
660	Year-Round Residence	Non-Participating	326224.58	325615.64	57:48	59	8:56	536
683	Year-Round Residence	Non-Participating	325279.20	325628.61	42:33	63	8:55	535
1866	Year-Round Residence	Non-Participating	317277.95	329358.71	39:31	34	8:54	534
1844	Year-Round Residence	Non-Participating	316097.57	326466.61	30:24	32	8:48	528
1661	Year-Round Residence	Non-Participating	315829.11	325983.55	27:36	26	8:48	528
1880	Year-Round Residence	Non-Participating	318181.54	329665.21	56:11	77	8:47	527
527	Year-Round Residence	Non-Participating	328542.55	324881.84	31:24	32	8:41	521
1906	Year-Round Residence	Non-Participating	318198.61	327257.05	37:52	29	8:40	520
682	Year-Round Residence	Non-Participating	325269.53	325663.08	43:10	63	8:39	519
1853	Year-Round Residence	Non-Participating	316791.30	328033.28	35:03	46	8:29	509
1616	Year-Round Residence	Non-Participating	315375.61	328245.23	42:56	43	8:15	495
1649	Year-Round Residence	Non-Participating	315325.96	326678.06	25:46	30	8:09	489
557	Year-Round Residence	Non-Participating	328156.33	325593.76	51:10	40	8:05	485
1910	Year-Round Residence	Non-Participating	317869.78	327340.63	30:35	26	8:01	481
1865	Year-Round Residence	Non-Participating	317149.31	329146.05	29:13	31	8:00	480
529	Year-Round Residence	Non-Participating	328534.45	324976.61	30:49	32	7:58	478
516	Year-Round Residence	Non-Participating	328672.21	323635.95	23:09	26	7:56	476
1863	Year-Round Residence	Non-Participating	317121.04	329124.55	27:55	30	7:43	463
556	Year-Round Residence	Non-Participating	328153.86	325350.10	34:18	44	7:42	462
1890	Year-Round Residence	Non-Participating	319926.16	329496.33	46:40	38	7:25	445
2141	Year-Round Residence	Non-Participating	320807.77	323957.87	23:26	30	7:22	442
1864	Year-Round Residence	Non-Participating	317119.50	329207.05	27:40	30	7:18	438
1855	Year-Round Residence	Non-Participating	316793.25	328400.12	47:19	40	7:16	436
1881	Year-Round Residence	Non-Participating	318246.14	329677.09	46:33	75	7:11	431
1913	Year-Round Residence	Non-Participating	317829.82	327219.15	39:38	39	6:52	412
1657	Year-Round Residence	Non-Participating	315945.37	326471.62	23:30	28	6:46	406
657	Year-Round Residence	Non-Participating	326332.81	325715.92	43:11	42	6:45	405
530	Year-Round Residence	Non-Participating	328333.33	325321.72	32:06	37	6:42	402
2095	Year-Round Residence	Non-Participating	321231.57	327396.28	37:49	31	6:40	400
1827	Year-Round Residence	Non-Participating	317636.48	327508.14	23:43	27	6:35	395
2190	Year-Round Residence	Non-Participating	322237.95	323370.69	20:45	30	6:35	395
1617	Year-Round Residence	Non-Participating	315278.96	328192.26	29:11	39	6:31	391
1884	Year-Round Residence	Non-Participating	318947.05	329703.38	35:59	41	6:29	389
1860	Year-Round Residence	Non-Participating	316985.76	329043.34	22:52	27	6:29	389
1862	Year-Round Residence	Non-Participating	317027.80	329217.38	24:01	28	6:22	382
1428	Seasonal Residence	Non-Participating	315968.20	326636.82	23:14	29	6:16	376
705	Year-Round Residence	Non-Participating	323158.90	325496.31	33:00	37	6:09	369
1888	Year-Round Residence	Non-Participating	319629.55	329510.39	35:54	39	6:09	369
1861	Year-Round Residence	Non-Participating	316964.17	329117.95	21:59	27	6:03	363

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2296	Year-Round Residence	Non-Participating	320015.01	329237.79	26:24	39	6:01	361
1887	Year-Round Residence	Non-Participating	319497.08	329612.15	31:02	27	5:55	355
1822	Year-Round Residence	Non-Participating	317635.65	327185.22	28:47	33	5:49	349
2295	Year-Round Residence	Non-Participating	319964.32	329432.95	32:37	38	5:37	337
1650	Year-Round Residence	Non-Participating	315276.32	326611.41	17:54	26	5:37	337
1908	Year-Round Residence	Non-Participating	317946.93	327044.15	32:00	39	5:31	331
2297	Year-Round Residence	Non-Participating	319023.18	326977.46	30:11	32	5:31	331
1914	Year-Round Residence	Non-Participating	317756.82	327231.65	29:41	34	5:29	329
1885	Year-Round Residence	Non-Participating	319021.18	329701.88	28:59	38	5:29	329
1660	Year-Round Residence	Non-Participating	315822.14	326099.45	17:01	26	5:23	323
1856	Year-Round Residence	Non-Participating	316791.15	328458.33	34:59	39	5:15	315
511	Year-Round Residence	Non-Participating	327576.50	323465.03	15:28	25	5:13	313
1632	Year-Round Residence	Non-Participating	315368.39	327208.25	16:52	31	5:05	305
1882	Year-Round Residence	Non-Participating	318341.11	329689.11	34:05	68	5:00	300
2149	Year-Round Residence	Non-Participating	321216.36	325253.60	30:07	37	4:59	299
1659	Year-Round Residence	Non-Participating	315824.98	326142.57	15:40	26	4:55	295
2186	Year-Round Residence	Non-Participating	322299.17	323692.72	16:20	32	4:54	294
2187	Year-Round Residence	Non-Participating	322289.02	323632.63	15:58	31	4:54	294
1427	Seasonal Residence	Non-Participating	316116.75	325871.01	15:42	28	4:53	293
2185	Year-Round Residence	Non-Participating	322317.09	323793.43	16:53	33	4:51	291
1430	Seasonal Residence	Non-Participating	320063.55	329354.58	23:44	35	4:50	290
2139	Year-Round Residence	Non-Participating	320652.32	323847.65	15:15	22	4:47	287
531	Year-Round Residence	Non-Participating	328415.82	325312.78	19:28	34	4:43	283
659	Year-Round Residence	Non-Participating	326269.00	325693.83	29:38	36	4:40	280
701	Year-Round Residence	Non-Participating	324991.93	323830.97	14:51	29	4:39	279
1630	Year-Round Residence	Non-Participating	315279.35	327360.23	16:15	29	4:39	279
710	Year-Round Residence	Non-Participating	324371.67	323917.57	15:17	30	4:15	255
2119	Year-Round Residence	Non-Participating	320754.16	325409.48	25:09	26	4:13	253
1916	Year-Round Residence	Non-Participating	317683.63	327237.29	18:56	26	4:08	248
678	Year-Round Residence	Non-Participating	324383.65	327571.59	27:15	27	4:08	248
1658	Year-Round Residence	Non-Participating	315838.17	326300.72	13:10	26	4:05	245
1631	Year-Round Residence	Non-Participating	315302.45	327324.36	14:17	29	4:05	245
528	Year-Round Residence	Non-Participating	328724.14	324956.55	13:01	27	4:01	241
2333	Year-Round Residence	Non-Participating	320170.47	329386.57	19:02	32	3:58	238
1918	Year-Round Residence	Non-Participating	320124.53	329458.58	21:48	33	3:58	238
1901	Year-Round Residence	Non-Participating	319781.73	327276.44	24:43	41	3:56	236
2096	Year-Round Residence	Non-Participating	321281.06	327432.34	22:02	28	3:53	233
1825	Year-Round Residence	Non-Participating	317579.77	327331.26	13:33	30	3:48	228
2300	Year-Round Residence	Non-Participating	314994.79	328708.63	22:49	27	3:47	227
537	Year-Round Residence	Non-Participating	327087.71	323490.62	11:12	25	3:47	227
1655	Year-Round Residence	Non-Participating	315871.35	326483.86	12:19	27	3:46	226
1857	Year-Round Residence	Non-Participating	316791.53	328497.47	25:16	35	3:42	222

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1656	Year-Round Residence	Non-Participating	315807.96	326378.91	11:45	25	3:40	220
1883	Year-Round Residence	Non-Participating	318451.05	329711.83	25:50	45	3:38	218
1623	Year-Round Residence	Non-Participating	315017.68	328719.70	20:17	27	3:20	200
1907	Year-Round Residence	Non-Participating	318148.59	327089.71	17:31	31	3:13	193
1602	Year-Round Residence	Non-Participating	317146.67	329782.64	15:30	28	3:12	192
532	Year-Round Residence	Non-Participating	328667.48	325315.61	12:40	28	3:09	189
2097	Year-Round Residence	Non-Participating	321305.49	327439.75	16:48	28	3:05	185
1224	Year-Round Residence	Non-Participating	316822.82	329014.14	10:02	24	3:05	185
1654	Year-Round Residence	Non-Participating	315726.55	326447.63	10:01	24	3:04	184
1635	Year-Round Residence	Non-Participating	315772.80	326591.51	10:15	25	3:00	180
1904	Year-Round Residence	Non-Participating	318411.16	327046.82	17:09	21	3:00	180
1629	Year-Round Residence	Non-Participating	314688.18	327819.34	10:11	25	2:59	179
1634	Year-Round Residence	Non-Participating	315758.97	326633.30	9:47	24	2:49	169
1917	Year-Round Residence	Non-Participating	317707.23	327306.74	9:55	26	2:48	168
1639	Year-Round Residence	Non-Participating	315716.77	326577.99	9:32	24	2:48	168
1621	Year-Round Residence	Non-Participating	314870.08	328530.03	14:59	26	2:48	168
1911	Year-Round Residence	Non-Participating	317799.76	327315.89	12:28	23	2:46	166
1622	Year-Round Residence	Non-Participating	314833.81	328593.64	15:05	25	2:46	166
1604	Year-Round Residence	Non-Participating	316840.36	329228.44	9:31	24	2:44	164
1633	Year-Round Residence	Non-Participating	315741.37	326674.82	9:32	24	2:42	162
2327	Year-Round Residence	Non-Participating	315708.22	326612.24	9:18	24	2:41	161
1640	Year-Round Residence	Non-Participating	315693.92	326579.97	9:11	23	2:41	161
1902	Year-Round Residence	Non-Participating	319178.04	327068.60	10:53	26	2:40	160
1619	Year-Round Residence	Non-Participating	314772.89	328334.16	11:12	25	2:39	159
1636	Year-Round Residence	Non-Participating	315695.63	326613.37	9:08	23	2:38	158
1601	Year-Round Residence	Non-Participating	317011.56	329803.88	12:12	25	2:38	158
1641	Year-Round Residence	Non-Participating	315682.78	326584.02	8:59	23	2:38	158
697	Year-Round Residence	Non-Participating	324282.81	325570.53	18:55	37	2:37	157
1603	Year-Round Residence	Non-Participating	316828.16	329278.93	9:10	24	2:36	156
1637	Year-Round Residence	Non-Participating	315678.30	326616.04	8:56	23	2:35	155
1915	Year-Round Residence	Non-Participating	317743.67	327305.40	9:07	25	2:34	154
1620	Year-Round Residence	Non-Participating	314771.79	328401.56	11:19	25	2:31	151
1163	Year-Round Residence	Non-Participating	324570.27	327397.25	12:58	25	2:22	142
1164	Year-Round Residence	Non-Participating	324599.72	327375.63	12:05	25	2:18	138
2120	Year-Round Residence	Non-Participating	320611.79	325266.40	11:56	24	2:14	134
679	Year-Round Residence	Non-Participating	324665.78	327336.01	10:43	24	2:13	133
2098	Year-Round Residence	Non-Participating	321472.45	327560.64	12:15	24	2:09	129
1905	Year-Round Residence	Non-Participating	318337.74	327121.60	10:20	24	2:02	122
661	Year-Round Residence	Non-Participating	326198.44	325709.84	10:27	23	1:56	116
1903	Year-Round Residence	Non-Participating	318390.70	327291.22	9:40	22	1:38	98
2184	Year-Round Residence	Non-Participating	321797.10	323858.39	5:31	19	1:33	93
1943	Year-Round Residence	Non-Participating	318954.49	330094.34	10:55	23	1:30	90

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1615	Year-Round Residence	Non-Participating	315697.13	328351.49	9:42	27	1:25	85
2077	Year-Round Residence	Non-Participating	322467.02	327568.43	8:26	21	1:17	77
1648	Year-Round Residence	Non-Participating	315349.91	326589.01	3:08	13	0:57	57
690	Year-Round Residence	Non-Participating	323743.37	327378.89	3:01	14	0:22	22
2137	Year-Round Residence	Non-Participating	320588.73	323829.73	0:00	0	0:00	0
2093	Year-Round Residence	Non-Participating	320865.80	327648.28	0:00	0	0:00	0
1722	Year-Round Residence	Non-Participating	315905.96	325564.46	0:00	0	0:00	0
1859	Year-Round Residence	Non-Participating	316784.42	328783.87	0:00	0	0:00	0
2116	Year-Round Residence	Non-Participating	321181.58	325502.12	0:00	0	0:00	0
1720	Year-Round Residence	Non-Participating	315845.20	325721.23	0:00	0	0:00	0
394	Year-Round Residence	Non-Participating	324602.97	323042.45	0:00	0	0:00	0
1719	Year-Round Residence	Non-Participating	315842.16	325777.59	0:00	0	0:00	0
1605	Year-Round Residence	Non-Participating	316735.89	329005.06	0:00	0	0:00	0
1642	Year-Round Residence	Non-Participating	315663.69	326587.78	0:00	0	0:00	0
1643	Year-Round Residence	Non-Participating	315651.38	326588.65	0:00	0	0:00	0
1638	Year-Round Residence	Non-Participating	315657.74	326619.03	0:00	0	0:00	0
1644	Year-Round Residence	Non-Participating	315596.87	326568.99	0:00	0	0:00	0
2326	Year-Round Residence	Non-Participating	315628.98	326631.08	0:00	0	0:00	0
1645	Year-Round Residence	Non-Participating	315597.09	326577.37	0:00	0	0:00	0
2325	Year-Round Residence	Non-Participating	315598.28	326588.23	0:00	0	0:00	0
2091	Year-Round Residence	Non-Participating	320734.52	328209.08	0:00	0	0:00	0
1	Year-Round Residence	Non-Participating	325840.23	321460.84	0:00	0	0:00	0
2	Year-Round Residence	Non-Participating	325754.47	321507.92	0:00	0	0:00	0
3	Year-Round Residence	Non-Participating	325773.13	321554.04	0:00	0	0:00	0
4	Year-Round Residence	Non-Participating	325850.26	321518.33	0:00	0	0:00	0
5	Year-Round Residence	Non-Participating	325787.58	321592.73	0:00	0	0:00	0
6	Year-Round Residence	Non-Participating	325858.58	321556.18	0:00	0	0:00	0
7	Year-Round Residence	Non-Participating	325791.13	321644.33	0:00	0	0:00	0
8	Year-Round Residence	Non-Participating	325882.95	321657.48	0:00	0	0:00	0
9	Year-Round Residence	Non-Participating	325793.62	321691.48	0:00	0	0:00	0
10	Year-Round Residence	Non-Participating	325877.89	321704.54	0:00	0	0:00	0
11	Year-Round Residence	Non-Participating	325847.64	321863.82	0:00	0	0:00	0
12	Year-Round Residence	Non-Participating	325851.42	321801.66	0:00	0	0:00	0
13	Year-Round Residence	Non-Participating	325790.73	321841.34	0:00	0	0:00	0
14	Year-Round Residence	Non-Participating	325780.07	321788.11	0:00	0	0:00	0
15	Year-Round Residence	Non-Participating	325640.85	321775.66	0:00	0	0:00	0
16	Year-Round Residence	Non-Participating	325636.37	321819.21	0:00	0	0:00	0
17	Year-Round Residence	Non-Participating	325637.21	321903.43	0:00	0	0:00	0
18	Year-Round Residence	Non-Participating	325704.43	321882.47	0:00	0	0:00	0
19	Year-Round Residence	Non-Participating	325613.58	321953.56	0:00	0	0:00	0
20	Year-Round Residence	Non-Participating	325707.94	321947.63	0:00	0	0:00	0
21	Year-Round Residence	Non-Participating	325721.23	322023.73	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
22	Year-Round Residence	Non-Participating	325727.19	322101.93	0:00	0	0:00	0
23	Year-Round Residence	Non-Participating	325773.25	322129.89	0:00	0	0:00	0
24	Year-Round Residence	Non-Participating	325778.46	322081.10	0:00	0	0:00	0
25	Year-Round Residence	Non-Participating	325779.27	322052.74	0:00	0	0:00	0
26	Year-Round Residence	Non-Participating	325782.01	322010.36	0:00	0	0:00	0
27	Year-Round Residence	Non-Participating	325591.17	322111.22	0:00	0	0:00	0
28	Year-Round Residence	Non-Participating	325563.80	322171.01	0:00	0	0:00	0
29	Year-Round Residence	Non-Participating	325745.99	322175.13	0:00	0	0:00	0
30	Year-Round Residence	Non-Participating	325836.88	322187.94	0:00	0	0:00	0
31	Year-Round Residence	Non-Participating	325863.10	322130.59	0:00	0	0:00	0
32	Year-Round Residence	Non-Participating	325881.08	322045.14	0:00	0	0:00	0
33	Year-Round Residence	Non-Participating	325941.38	322140.98	0:00	0	0:00	0
34	Year-Round Residence	Non-Participating	325981.28	322146.33	0:00	0	0:00	0
35	Year-Round Residence	Non-Participating	326022.01	322147.17	0:00	0	0:00	0
36	Year-Round Residence	Non-Participating	326026.29	322059.61	0:00	0	0:00	0
37	Year-Round Residence	Non-Participating	326026.98	322021.16	0:00	0	0:00	0
38	Year-Round Residence	Non-Participating	326084.58	321982.60	0:00	0	0:00	0
39	Year-Round Residence	Non-Participating	326077.80	322025.57	0:00	0	0:00	0
40	Year-Round Residence	Non-Participating	326082.63	322074.42	0:00	0	0:00	0
41	Year-Round Residence	Non-Participating	326023.60	322102.89	0:00	0	0:00	0
42	Year-Round Residence	Non-Participating	326068.32	322158.70	0:00	0	0:00	0
43	Year-Round Residence	Non-Participating	325979.48	322191.19	0:00	0	0:00	0
44	Year-Round Residence	Non-Participating	325946.34	322191.13	0:00	0	0:00	0
45	Year-Round Residence	Non-Participating	325947.77	321421.23	0:00	0	0:00	0
46	Year-Round Residence	Non-Participating	326213.99	322125.65	0:00	0	0:00	0
47	Year-Round Residence	Non-Participating	326197.40	322181.67	0:00	0	0:00	0
48	Year-Round Residence	Non-Participating	326173.76	322218.06	0:00	0	0:00	0
49	Year-Round Residence	Non-Participating	326151.94	322249.53	0:00	0	0:00	0
50	Year-Round Residence	Non-Participating	326123.63	322274.56	0:00	0	0:00	0
51	Year-Round Residence	Non-Participating	326082.28	322306.20	0:00	0	0:00	0
52	Year-Round Residence	Non-Participating	326037.96	322338.50	0:00	0	0:00	0
53	Year-Round Residence	Non-Participating	325987.99	322331.51	0:00	0	0:00	0
54	Year-Round Residence	Non-Participating	325985.59	322296.49	0:00	0	0:00	0
55	Year-Round Residence	Non-Participating	325939.18	322348.81	0:00	0	0:00	0
56	Year-Round Residence	Non-Participating	325897.37	322363.57	0:00	0	0:00	0
57	Year-Round Residence	Non-Participating	325866.71	322380.49	0:00	0	0:00	0
58	Year-Round Residence	Non-Participating	325829.44	322403.08	0:00	0	0:00	0
59	Year-Round Residence	Non-Participating	325778.09	322332.39	0:00	0	0:00	0
60	Year-Round Residence	Non-Participating	325486.42	322292.36	0:00	0	0:00	0
61	Year-Round Residence	Non-Participating	325428.67	322164.74	0:00	0	0:00	0
62	Year-Round Residence	Non-Participating	325277.25	322199.50	0:00	0	0:00	0
63	Year-Round Residence	Non-Participating	325378.12	322262.74	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
64	Year-Round Residence	Non-Participating	326105.29	322385.39	0:00	0	0:00	0
65	Year-Round Residence	Non-Participating	326120.83	322384.71	0:00	0	0:00	0
66	Year-Round Residence	Non-Participating	326146.44	322374.59	0:00	0	0:00	0
67	Year-Round Residence	Non-Participating	326163.79	322374.25	0:00	0	0:00	0
68	Year-Round Residence	Non-Participating	326189.85	322371.42	0:00	0	0:00	0
69	Year-Round Residence	Non-Participating	326227.52	322364.74	0:00	0	0:00	0
70	Year-Round Residence	Non-Participating	326258.55	322365.89	0:00	0	0:00	0
71	Year-Round Residence	Non-Participating	326274.10	322366.04	0:00	0	0:00	0
72	Year-Round Residence	Non-Participating	326289.72	322363.96	0:00	0	0:00	0
73	Year-Round Residence	Non-Participating	326324.44	322357.26	0:00	0	0:00	0
74	Year-Round Residence	Non-Participating	326340.61	322356.42	0:00	0	0:00	0
75	Year-Round Residence	Non-Participating	326447.94	322350.46	0:00	0	0:00	0
76	Year-Round Residence	Non-Participating	326434.67	322307.60	0:00	0	0:00	0
77	Year-Round Residence	Non-Participating	326433.90	322272.44	0:00	0	0:00	0
78	Year-Round Residence	Non-Participating	326467.63	322276.77	0:00	0	0:00	0
79	Year-Round Residence	Non-Participating	326464.91	322261.83	0:00	0	0:00	0
80	Year-Round Residence	Non-Participating	326460.67	322242.56	0:00	0	0:00	0
81	Year-Round Residence	Non-Participating	326456.49	322225.21	0:00	0	0:00	0
82	Year-Round Residence	Non-Participating	326422.04	322244.97	0:00	0	0:00	0
83	Year-Round Residence	Non-Participating	326456.47	322199.61	0:00	0	0:00	0
84	Year-Round Residence	Non-Participating	326426.47	322156.51	0:00	0	0:00	0
85	Year-Round Residence	Non-Participating	326455.56	322162.38	0:00	0	0:00	0
86	Year-Round Residence	Non-Participating	326474.82	322156.62	0:00	0	0:00	0
87	Year-Round Residence	Non-Participating	326473.89	322115.97	0:00	0	0:00	0
88	Year-Round Residence	Non-Participating	326494.70	322112.35	0:00	0	0:00	0
89	Year-Round Residence	Non-Participating	326521.89	322144.46	0:00	0	0:00	0
90	Year-Round Residence	Non-Participating	326525.65	322104.25	0:00	0	0:00	0
91	Year-Round Residence	Non-Participating	326559.22	322146.14	0:00	0	0:00	0
92	Year-Round Residence	Non-Participating	326560.55	322091.34	0:00	0	0:00	0
93	Year-Round Residence	Non-Participating	326565.70	322063.03	0:00	0	0:00	0
94	Year-Round Residence	Non-Participating	326577.01	322030.21	0:00	0	0:00	0
95	Year-Round Residence	Non-Participating	326586.64	321981.91	0:00	0	0:00	0
96	Year-Round Residence	Non-Participating	326621.58	322088.64	0:00	0	0:00	0
97	Year-Round Residence	Non-Participating	326623.57	322067.67	0:00	0	0:00	0
98	Year-Round Residence	Non-Participating	326453.54	322029.49	0:00	0	0:00	0
99	Year-Round Residence	Non-Participating	326476.38	322069.06	0:00	0	0:00	0
100	Year-Round Residence	Non-Participating	326356.15	321103.43	0:00	0	0:00	0
101	Year-Round Residence	Non-Participating	326204.28	321144.93	0:00	0	0:00	0
102	Year-Round Residence	Non-Participating	326675.85	320987.68	0:00	0	0:00	0
103	Year-Round Residence	Non-Participating	326680.94	320911.11	0:00	0	0:00	0
104	Year-Round Residence	Non-Participating	325631.11	321860.97	0:00	0	0:00	0
105	Year-Round Residence	Non-Participating	326747.88	320537.56	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
106	Year-Round Residence	Non-Participating	326769.58	320439.49	0:00	0	0:00	0
107	Year-Round Residence	Non-Participating	326757.47	320235.12	0:00	0	0:00	0
108	Year-Round Residence	Non-Participating	326649.77	320166.94	0:00	0	0:00	0
109	Year-Round Residence	Non-Participating	327107.05	321131.14	0:00	0	0:00	0
110	Year-Round Residence	Non-Participating	327100.78	321247.79	0:00	0	0:00	0
111	Year-Round Residence	Non-Participating	327260.08	321399.60	0:00	0	0:00	0
112	Year-Round Residence	Non-Participating	327356.80	320935.66	0:00	0	0:00	0
113	Year-Round Residence	Non-Participating	327370.63	320842.44	0:00	0	0:00	0
114	Year-Round Residence	Non-Participating	327352.24	320589.74	0:00	0	0:00	0
115	Year-Round Residence	Non-Participating	327283.70	320473.78	0:00	0	0:00	0
116	Year-Round Residence	Non-Participating	328217.19	321536.54	0:00	0	0:00	0
117	Year-Round Residence	Non-Participating	327395.38	320405.93	0:00	0	0:00	0
119	Year-Round Residence	Non-Participating	327443.98	320312.92	0:00	0	0:00	0
120	Year-Round Residence	Non-Participating	327877.12	320375.91	0:00	0	0:00	0
121	Year-Round Residence	Non-Participating	328174.72	320513.45	0:00	0	0:00	0
122	Year-Round Residence	Non-Participating	328253.83	320518.27	0:00	0	0:00	0
123	Year-Round Residence	Non-Participating	328180.55	320592.48	0:00	0	0:00	0
124	Year-Round Residence	Non-Participating	328172.35	320650.31	0:00	0	0:00	0
125	Year-Round Residence	Non-Participating	328299.81	320709.53	0:00	0	0:00	0
126	Year-Round Residence	Non-Participating	328419.92	320612.14	0:00	0	0:00	0
127	Year-Round Residence	Non-Participating	328508.22	320631.35	0:00	0	0:00	0
128	Year-Round Residence	Non-Participating	328148.73	320791.41	0:00	0	0:00	0
129	Year-Round Residence	Non-Participating	328152.43	320966.12	0:00	0	0:00	0
130	Year-Round Residence	Non-Participating	328226.95	320966.84	0:00	0	0:00	0
131	Year-Round Residence	Non-Participating	328214.86	321037.02	0:00	0	0:00	0
132	Year-Round Residence	Non-Participating	328195.35	321178.43	0:00	0	0:00	0
133	Year-Round Residence	Non-Participating	328248.10	321412.38	0:00	0	0:00	0
134	Year-Round Residence	Non-Participating	328163.61	321566.66	0:00	0	0:00	0
135	Year-Round Residence	Non-Participating	328293.42	321676.93	0:00	0	0:00	0
136	Year-Round Residence	Non-Participating	328296.22	321835.79	0:00	0	0:00	0
137	Year-Round Residence	Non-Participating	328289.17	321931.08	0:00	0	0:00	0
138	Year-Round Residence	Non-Participating	328303.17	322063.21	0:00	0	0:00	0
139	Year-Round Residence	Non-Participating	328284.81	322165.67	0:00	0	0:00	0
140	Year-Round Residence	Non-Participating	328410.05	322337.42	0:00	0	0:00	0
141	Year-Round Residence	Non-Participating	327224.97	321852.31	0:00	0	0:00	0
142	Year-Round Residence	Non-Participating	327284.95	321823.71	0:00	0	0:00	0
143	Year-Round Residence	Non-Participating	327302.32	321753.34	0:00	0	0:00	0
144	Year-Round Residence	Non-Participating	327354.12	321805.50	0:00	0	0:00	0
145	Year-Round Residence	Non-Participating	327377.69	321739.49	0:00	0	0:00	0
146	Year-Round Residence	Non-Participating	327130.85	321870.42	0:00	0	0:00	0
147	Year-Round Residence	Non-Participating	327101.69	321856.91	0:00	0	0:00	0
148	Year-Round Residence	Non-Participating	327113.65	321933.39	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
149	Year-Round Residence	Non-Participating	327051.71	321915.43	0:00	0	0:00	0
150	Year-Round Residence	Non-Participating	327089.10	322008.66	0:00	0	0:00	0
151	Year-Round Residence	Non-Participating	327051.28	322233.31	0:00	0	0:00	0
152	Year-Round Residence	Non-Participating	326831.30	322304.31	0:00	0	0:00	0
153	Year-Round Residence	Non-Participating	326815.90	322295.53	0:00	0	0:00	0
154	Year-Round Residence	Non-Participating	326768.36	322265.85	0:00	0	0:00	0
155	Year-Round Residence	Non-Participating	326807.24	322258.82	0:00	0	0:00	0
156	Year-Round Residence	Non-Participating	326762.58	322244.21	0:00	0	0:00	0
157	Year-Round Residence	Non-Participating	326803.42	322240.18	0:00	0	0:00	0
158	Year-Round Residence	Non-Participating	326761.36	322228.10	0:00	0	0:00	0
159	Year-Round Residence	Non-Participating	326759.92	322208.76	0:00	0	0:00	0
160	Year-Round Residence	Non-Participating	326803.67	322214.09	0:00	0	0:00	0
161	Year-Round Residence	Non-Participating	326760.72	322189.95	0:00	0	0:00	0
162	Year-Round Residence	Non-Participating	326800.15	322193.17	0:00	0	0:00	0
163	Year-Round Residence	Non-Participating	326753.85	322133.68	0:00	0	0:00	0
164	Year-Round Residence	Non-Participating	326759.84	322170.90	0:00	0	0:00	0
165	Year-Round Residence	Non-Participating	326796.75	322159.18	0:00	0	0:00	0
166	Year-Round Residence	Non-Participating	326797.74	322136.79	0:00	0	0:00	0
167	Year-Round Residence	Non-Participating	326775.14	322096.60	0:00	0	0:00	0
168	Year-Round Residence	Non-Participating	326755.65	322092.66	0:00	0	0:00	0
169	Year-Round Residence	Non-Participating	326716.36	322125.75	0:00	0	0:00	0
170	Year-Round Residence	Non-Participating	326730.36	322090.96	0:00	0	0:00	0
171	Year-Round Residence	Non-Participating	326706.98	322089.66	0:00	0	0:00	0
172	Year-Round Residence	Non-Participating	326684.02	322087.28	0:00	0	0:00	0
173	Year-Round Residence	Non-Participating	326670.84	322131.14	0:00	0	0:00	0
174	Year-Round Residence	Non-Participating	326667.40	322092.29	0:00	0	0:00	0
175	Year-Round Residence	Non-Participating	326650.10	322130.53	0:00	0	0:00	0
176	Year-Round Residence	Non-Participating	326649.80	322085.32	0:00	0	0:00	0
177	Year-Round Residence	Non-Participating	326620.03	322126.48	0:00	0	0:00	0
178	Year-Round Residence	Non-Participating	326634.00	322027.99	0:00	0	0:00	0
179	Year-Round Residence	Non-Participating	326554.28	322171.11	0:00	0	0:00	0
180	Year-Round Residence	Non-Participating	326612.56	322157.50	0:00	0	0:00	0
181	Year-Round Residence	Non-Participating	326610.46	322190.73	0:00	0	0:00	0
182	Year-Round Residence	Non-Participating	326553.32	322184.81	0:00	0	0:00	0
183	Year-Round Residence	Non-Participating	326540.47	322207.94	0:00	0	0:00	0
184	Year-Round Residence	Non-Participating	326539.82	322232.56	0:00	0	0:00	0
185	Year-Round Residence	Non-Participating	326611.16	322219.14	0:00	0	0:00	0
186	Year-Round Residence	Non-Participating	326533.84	322249.58	0:00	0	0:00	0
187	Year-Round Residence	Non-Participating	326603.48	322270.14	0:00	0	0:00	0
188	Year-Round Residence	Non-Participating	326532.28	322270.93	0:00	0	0:00	0
189	Year-Round Residence	Non-Participating	326598.50	322294.71	0:00	0	0:00	0
190	Year-Round Residence	Non-Participating	326591.79	322323.24	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
191	Year-Round Residence	Non-Participating	326595.31	322308.98	0:00	0	0:00	0
192	Year-Round Residence	Non-Participating	326589.55	322341.41	0:00	0	0:00	0
193	Year-Round Residence	Non-Participating	326676.31	322332.50	0:00	0	0:00	0
194	Year-Round Residence	Non-Participating	326161.71	322430.19	0:00	0	0:00	0
195	Year-Round Residence	Non-Participating	326044.14	322473.88	0:00	0	0:00	0
196	Year-Round Residence	Non-Participating	326071.94	322443.89	0:00	0	0:00	0
197	Year-Round Residence	Non-Participating	326095.46	322575.69	0:00	0	0:00	0
198	Year-Round Residence	Non-Participating	326082.16	322599.71	0:00	0	0:00	0
199	Year-Round Residence	Non-Participating	326067.54	322628.39	0:00	0	0:00	0
200	Year-Round Residence	Non-Participating	326049.40	322661.58	0:00	0	0:00	0
201	Year-Round Residence	Non-Participating	325919.00	322545.91	0:00	0	0:00	0
202	Year-Round Residence	Non-Participating	325916.89	322592.99	0:00	0	0:00	0
203	Year-Round Residence	Non-Participating	325949.51	322642.88	0:00	0	0:00	0
204	Year-Round Residence	Non-Participating	325966.22	322666.88	0:00	0	0:00	0
205	Year-Round Residence	Non-Participating	325978.97	322700.94	0:00	0	0:00	0
206	Year-Round Residence	Non-Participating	325963.05	322734.26	0:00	0	0:00	0
207	Year-Round Residence	Non-Participating	326012.30	322736.42	0:00	0	0:00	0
208	Year-Round Residence	Non-Participating	326002.32	322766.84	0:00	0	0:00	0
209	Year-Round Residence	Non-Participating	325989.38	322800.52	0:00	0	0:00	0
210	Year-Round Residence	Non-Participating	325940.04	322785.35	0:00	0	0:00	0
211	Year-Round Residence	Non-Participating	325929.00	322813.48	0:00	0	0:00	0
212	Year-Round Residence	Non-Participating	325976.43	322838.28	0:00	0	0:00	0
213	Year-Round Residence	Non-Participating	325920.05	322841.49	0:00	0	0:00	0
214	Year-Round Residence	Non-Participating	325959.23	322897.52	0:00	0	0:00	0
215	Year-Round Residence	Non-Participating	325996.76	322899.21	0:00	0	0:00	0
216	Year-Round Residence	Non-Participating	326031.60	322899.82	0:00	0	0:00	0
217	Year-Round Residence	Non-Participating	326035.96	322851.06	0:00	0	0:00	0
218	Year-Round Residence	Non-Participating	326067.37	322899.13	0:00	0	0:00	0
219	Year-Round Residence	Non-Participating	326094.56	322884.30	0:00	0	0:00	0
220	Year-Round Residence	Non-Participating	326109.80	322858.36	0:00	0	0:00	0
221	Year-Round Residence	Non-Participating	326128.03	322827.51	0:00	0	0:00	0
222	Year-Round Residence	Non-Participating	326071.83	322823.57	0:00	0	0:00	0
223	Year-Round Residence	Non-Participating	326087.69	322800.28	0:00	0	0:00	0
224	Year-Round Residence	Non-Participating	326146.78	322798.12	0:00	0	0:00	0
225	Year-Round Residence	Non-Participating	326160.23	322776.80	0:00	0	0:00	0
226	Year-Round Residence	Non-Participating	326109.75	322757.54	0:00	0	0:00	0
227	Year-Round Residence	Non-Participating	326084.61	322741.57	0:00	0	0:00	0
228	Year-Round Residence	Non-Participating	326056.12	322728.81	0:00	0	0:00	0
229	Year-Round Residence	Non-Participating	326078.93	322686.95	0:00	0	0:00	0
230	Year-Round Residence	Non-Participating	326251.05	322539.98	0:00	0	0:00	0
231	Year-Round Residence	Non-Participating	326253.25	322493.34	0:00	0	0:00	0
232	Year-Round Residence	Non-Participating	326212.36	322492.36	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
233	Year-Round Residence	Non-Participating	326249.71	322480.17	0:00	0	0:00	0
234	Year-Round Residence	Non-Participating	326214.01	322463.60	0:00	0	0:00	0
235	Year-Round Residence	Non-Participating	326213.45	322446.02	0:00	0	0:00	0
236	Year-Round Residence	Non-Participating	326199.53	322419.61	0:00	0	0:00	0
237	Year-Round Residence	Non-Participating	326304.35	322414.17	0:00	0	0:00	0
238	Year-Round Residence	Non-Participating	326327.43	322421.74	0:00	0	0:00	0
239	Year-Round Residence	Non-Participating	326397.02	322404.89	0:00	0	0:00	0
240	Year-Round Residence	Non-Participating	326432.58	322409.06	0:00	0	0:00	0
241	Year-Round Residence	Non-Participating	326460.49	322404.68	0:00	0	0:00	0
242	Year-Round Residence	Non-Participating	326529.08	322442.66	0:00	0	0:00	0
243	Year-Round Residence	Non-Participating	326504.26	322458.88	0:00	0	0:00	0
244	Year-Round Residence	Non-Participating	326453.62	322467.47	0:00	0	0:00	0
245	Year-Round Residence	Non-Participating	326489.87	322481.50	0:00	0	0:00	0
246	Year-Round Residence	Non-Participating	326442.42	322485.27	0:00	0	0:00	0
247	Year-Round Residence	Non-Participating	326479.68	322503.72	0:00	0	0:00	0
248	Year-Round Residence	Non-Participating	326426.41	322501.31	0:00	0	0:00	0
249	Year-Round Residence	Non-Participating	326456.19	322530.61	0:00	0	0:00	0
250	Year-Round Residence	Non-Participating	326466.70	322517.63	0:00	0	0:00	0
251	Year-Round Residence	Non-Participating	326416.00	322520.18	0:00	0	0:00	0
252	Year-Round Residence	Non-Participating	326227.00	322806.51	0:00	0	0:00	0
253	Year-Round Residence	Non-Participating	326210.33	322834.24	0:00	0	0:00	0
254	Year-Round Residence	Non-Participating	326195.41	322861.34	0:00	0	0:00	0
255	Year-Round Residence	Non-Participating	326177.72	322888.26	0:00	0	0:00	0
256	Year-Round Residence	Non-Participating	326191.78	322947.31	0:00	0	0:00	0
257	Year-Round Residence	Non-Participating	326150.47	323023.01	0:00	0	0:00	0
258	Year-Round Residence	Non-Participating	326109.80	323093.80	0:00	0	0:00	0
259	Year-Round Residence	Non-Participating	326072.00	323131.30	0:00	0	0:00	0
260	Year-Round Residence	Non-Participating	326035.11	323102.98	0:00	0	0:00	0
261	Year-Round Residence	Non-Participating	326056.55	323076.44	0:00	0	0:00	0
262	Year-Round Residence	Non-Participating	325970.90	323084.49	0:00	0	0:00	0
263	Year-Round Residence	Non-Participating	325936.56	323044.95	0:00	0	0:00	0
264	Year-Round Residence	Non-Participating	325904.31	323193.03	0:00	0	0:00	0
265	Year-Round Residence	Non-Participating	325943.43	323165.91	0:00	0	0:00	0
266	Year-Round Residence	Non-Participating	325688.94	323400.19	0:00	0	0:00	0
267	Year-Round Residence	Non-Participating	325817.19	323510.11	0:00	0	0:00	0
268	Year-Round Residence	Non-Participating	326764.17	322468.57	0:00	0	0:00	0
269	Year-Round Residence	Non-Participating	326667.97	322524.18	0:00	0	0:00	0
270	Year-Round Residence	Non-Participating	326667.19	322500.74	0:00	0	0:00	0
271	Year-Round Residence	Non-Participating	326667.43	322475.48	0:00	0	0:00	0
272	Year-Round Residence	Non-Participating	326772.46	322375.42	0:00	0	0:00	0
273	Year-Round Residence	Non-Participating	326794.69	322378.47	0:00	0	0:00	0
274	Year-Round Residence	Non-Participating	326835.43	322373.90	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
275	Year-Round Residence	Non-Participating	326857.51	322364.40	0:00	0	0:00	0
276	Year-Round Residence	Non-Participating	327017.05	322368.48	0:00	0	0:00	0
277	Year-Round Residence	Non-Participating	327014.10	322408.47	0:00	0	0:00	0
278	Year-Round Residence	Non-Participating	327070.14	322361.95	0:00	0	0:00	0
279	Year-Round Residence	Non-Participating	327064.61	322406.58	0:00	0	0:00	0
280	Year-Round Residence	Non-Participating	327062.33	322434.71	0:00	0	0:00	0
281	Year-Round Residence	Non-Participating	327012.01	322453.20	0:00	0	0:00	0
282	Year-Round Residence	Non-Participating	327052.19	322456.35	0:00	0	0:00	0
283	Year-Round Residence	Non-Participating	327011.15	322470.72	0:00	0	0:00	0
284	Year-Round Residence	Non-Participating	327049.08	322486.06	0:00	0	0:00	0
285	Year-Round Residence	Non-Participating	327006.93	322488.90	0:00	0	0:00	0
286	Year-Round Residence	Non-Participating	327009.30	322509.29	0:00	0	0:00	0
287	Year-Round Residence	Non-Participating	327049.92	322507.28	0:00	0	0:00	0
288	Year-Round Residence	Non-Participating	327047.19	322527.68	0:00	0	0:00	0
289	Year-Round Residence	Non-Participating	327010.17	322539.49	0:00	0	0:00	0
290	Year-Round Residence	Non-Participating	327048.54	322557.17	0:00	0	0:00	0
291	Year-Round Residence	Non-Participating	327008.82	322564.09	0:00	0	0:00	0
292	Year-Round Residence	Non-Participating	327007.63	322604.11	0:00	0	0:00	0
293	Year-Round Residence	Non-Participating	327045.16	322605.78	0:00	0	0:00	0
294	Year-Round Residence	Non-Participating	327036.80	322645.48	0:00	0	0:00	0
295	Year-Round Residence	Non-Participating	326993.27	322655.28	0:00	0	0:00	0
296	Year-Round Residence	Non-Participating	326996.76	322700.81	0:00	0	0:00	0
297	Year-Round Residence	Non-Participating	327036.11	322748.56	0:00	0	0:00	0
298	Year-Round Residence	Non-Participating	327035.61	322730.62	0:00	0	0:00	0
299	Year-Round Residence	Non-Participating	327000.50	322800.86	0:00	0	0:00	0
300	Year-Round Residence	Non-Participating	326998.44	322835.24	0:00	0	0:00	0
301	Year-Round Residence	Non-Participating	327005.40	322897.63	0:00	0	0:00	0
302	Year-Round Residence	Non-Participating	327001.16	322943.95	0:00	0	0:00	0
303	Year-Round Residence	Non-Participating	326998.03	322995.17	0:00	0	0:00	0
304	Year-Round Residence	Non-Participating	327057.28	322984.81	0:00	0	0:00	0
305	Year-Round Residence	Non-Participating	327063.23	323118.10	0:00	0	0:00	0
306	Year-Round Residence	Non-Participating	327084.97	322277.60	0:00	0	0:00	0
307	Year-Round Residence	Non-Participating	327101.06	322276.03	0:00	0	0:00	0
308	Year-Round Residence	Non-Participating	327092.26	322255.75	0:00	0	0:00	0
309	Year-Round Residence	Non-Participating	327118.07	322271.47	0:00	0	0:00	0
310	Year-Round Residence	Non-Participating	327107.75	322199.90	0:00	0	0:00	0
311	Year-Round Residence	Non-Participating	327113.54	322169.88	0:00	0	0:00	0
312	Year-Round Residence	Non-Participating	327123.78	322147.08	0:00	0	0:00	0
313	Year-Round Residence	Non-Participating	327125.02	322122.95	0:00	0	0:00	0
314	Year-Round Residence	Non-Participating	327158.31	322084.68	0:00	0	0:00	0
315	Year-Round Residence	Non-Participating	327160.79	322017.54	0:00	0	0:00	0
316	Year-Round Residence	Non-Participating	327165.20	321991.53	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
317	Year-Round Residence	Non-Participating	327185.01	321918.60	0:00	0	0:00	0
318	Year-Round Residence	Non-Participating	327132.91	322274.37	0:00	0	0:00	0
319	Year-Round Residence	Non-Participating	327162.34	322271.36	0:00	0	0:00	0
320	Year-Round Residence	Non-Participating	327114.11	322352.00	0:00	0	0:00	0
321	Year-Round Residence	Non-Participating	327132.91	322345.07	0:00	0	0:00	0
322	Year-Round Residence	Non-Participating	327148.05	322342.39	0:00	0	0:00	0
323	Year-Round Residence	Non-Participating	327168.67	322343.92	0:00	0	0:00	0
324	Year-Round Residence	Non-Participating	327202.22	322336.59	0:00	0	0:00	0
325	Year-Round Residence	Non-Participating	327319.35	322328.27	0:00	0	0:00	0
326	Year-Round Residence	Non-Participating	327273.31	322243.51	0:00	0	0:00	0
327	Year-Round Residence	Non-Participating	327224.69	322185.11	0:00	0	0:00	0
328	Year-Round Residence	Non-Participating	327289.47	322184.90	0:00	0	0:00	0
329	Year-Round Residence	Non-Participating	327295.13	322148.05	0:00	0	0:00	0
330	Year-Round Residence	Non-Participating	327247.53	322107.59	0:00	0	0:00	0
331	Year-Round Residence	Non-Participating	327297.36	322088.44	0:00	0	0:00	0
332	Year-Round Residence	Non-Participating	327247.87	322075.51	0:00	0	0:00	0
333	Year-Round Residence	Non-Participating	327295.30	322051.27	0:00	0	0:00	0
334	Year-Round Residence	Non-Participating	327246.89	322042.21	0:00	0	0:00	0
335	Year-Round Residence	Non-Participating	327239.89	321980.71	0:00	0	0:00	0
336	Year-Round Residence	Non-Participating	327294.91	322020.27	0:00	0	0:00	0
337	Year-Round Residence	Non-Participating	327295.96	321998.04	0:00	0	0:00	0
338	Year-Round Residence	Non-Participating	327317.86	322402.15	0:00	0	0:00	0
339	Year-Round Residence	Non-Participating	327355.37	322379.77	0:00	0	0:00	0
340	Year-Round Residence	Non-Participating	327387.67	322332.34	0:00	0	0:00	0
341	Year-Round Residence	Non-Participating	327436.74	322398.18	0:00	0	0:00	0
342	Year-Round Residence	Non-Participating	327487.04	322406.38	0:00	0	0:00	0
343	Year-Round Residence	Non-Participating	327439.61	322343.42	0:00	0	0:00	0
344	Year-Round Residence	Non-Participating	327578.97	322416.61	0:00	0	0:00	0
345	Year-Round Residence	Non-Participating	327671.56	322409.46	0:00	0	0:00	0
346	Year-Round Residence	Non-Participating	327708.66	322385.94	0:00	0	0:00	0
347	Year-Round Residence	Non-Participating	327737.69	322342.00	0:00	0	0:00	0
348	Year-Round Residence	Non-Participating	327518.29	322232.30	0:00	0	0:00	0
349	Year-Round Residence	Non-Participating	327593.63	322175.43	0:00	0	0:00	0
350	Year-Round Residence	Non-Participating	327774.36	322239.03	0:00	0	0:00	0
351	Year-Round Residence	Non-Participating	327864.16	322252.21	0:00	0	0:00	0
352	Year-Round Residence	Non-Participating	327826.81	322403.84	0:00	0	0:00	0
353	Year-Round Residence	Non-Participating	327746.85	322493.71	0:00	0	0:00	0
354	Year-Round Residence	Non-Participating	327758.44	322544.07	0:00	0	0:00	0
355	Year-Round Residence	Non-Participating	327784.93	322350.08	0:00	0	0:00	0
356	Year-Round Residence	Non-Participating	327875.00	322466.16	0:00	0	0:00	0
357	Year-Round Residence	Non-Participating	327741.07	322620.50	0:00	0	0:00	0
358	Year-Round Residence	Non-Participating	328115.21	322400.23	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
359	Year-Round Residence	Non-Participating	328080.29	322374.43	0:00	0	0:00	0
360	Year-Round Residence	Non-Participating	328167.59	322441.83	0:00	0	0:00	0
361	Year-Round Residence	Non-Participating	328245.38	322456.12	0:00	0	0:00	0
362	Year-Round Residence	Non-Participating	328243.96	322366.18	0:00	0	0:00	0
363	Year-Round Residence	Non-Participating	328505.63	322591.87	0:00	0	0:00	0
364	Year-Round Residence	Non-Participating	328604.56	322462.73	0:00	0	0:00	0
365	Year-Round Residence	Non-Participating	328657.15	322615.95	0:00	0	0:00	0
366	Year-Round Residence	Non-Participating	328591.63	322598.68	0:00	0	0:00	0
367	Year-Round Residence	Non-Participating	328730.35	322476.93	0:00	0	0:00	0
368	Year-Round Residence	Non-Participating	328765.82	322449.94	0:00	0	0:00	0
369	Year-Round Residence	Non-Participating	328804.74	322411.32	0:00	0	0:00	0
370	Year-Round Residence	Non-Participating	329071.43	322221.22	0:00	0	0:00	0
371	Year-Round Residence	Non-Participating	329113.31	322215.70	0:00	0	0:00	0
372	Year-Round Residence	Non-Participating	329262.00	322182.15	0:00	0	0:00	0
373	Year-Round Residence	Non-Participating	329215.75	322259.64	0:00	0	0:00	0
374	Year-Round Residence	Non-Participating	329242.99	322252.10	0:00	0	0:00	0
375	Year-Round Residence	Non-Participating	329546.99	322190.42	0:00	0	0:00	0
376	Year-Round Residence	Non-Participating	329633.74	322049.85	0:00	0	0:00	0
377	Year-Round Residence	Non-Participating	329680.48	322018.00	0:00	0	0:00	0
378	Year-Round Residence	Non-Participating	329887.83	321957.02	0:00	0	0:00	0
379	Year-Round Residence	Non-Participating	329943.11	321669.34	0:00	0	0:00	0
380	Year-Round Residence	Non-Participating	329902.24	321543.82	0:00	0	0:00	0
381	Year-Round Residence	Non-Participating	329960.18	321479.68	0:00	0	0:00	0
382	Year-Round Residence	Non-Participating	330037.86	321542.29	0:00	0	0:00	0
383	Year-Round Residence	Non-Participating	328668.88	320701.85	0:00	0	0:00	0
384	Year-Round Residence	Non-Participating	325747.82	322512.27	0:00	0	0:00	0
385	Year-Round Residence	Non-Participating	325691.36	322432.79	0:00	0	0:00	0
386	Year-Round Residence	Non-Participating	325362.64	322473.94	0:00	0	0:00	0
387	Year-Round Residence	Non-Participating	325260.28	322501.80	0:00	0	0:00	0
388	Year-Round Residence	Non-Participating	325202.18	322562.82	0:00	0	0:00	0
389	Year-Round Residence	Non-Participating	325221.35	322646.99	0:00	0	0:00	0
390	Year-Round Residence	Non-Participating	325131.89	322598.09	0:00	0	0:00	0
391	Year-Round Residence	Non-Participating	325085.68	322631.06	0:00	0	0:00	0
392	Year-Round Residence	Non-Participating	325035.21	322647.49	0:00	0	0:00	0
393	Year-Round Residence	Non-Participating	324888.97	322796.77	0:00	0	0:00	0
395	Year-Round Residence	Non-Participating	324475.83	322913.65	0:00	0	0:00	0
396	Year-Round Residence	Non-Participating	324407.34	322935.86	0:00	0	0:00	0
397	Year-Round Residence	Non-Participating	324446.86	322724.30	0:00	0	0:00	0
398	Year-Round Residence	Non-Participating	324572.41	322733.08	0:00	0	0:00	0
399	Year-Round Residence	Non-Participating	324536.65	322669.04	0:00	0	0:00	0
400	Year-Round Residence	Non-Participating	324387.22	322517.43	0:00	0	0:00	0
401	Year-Round Residence	Non-Participating	324427.60	322410.56	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
402	Year-Round Residence	Non-Participating	324386.26	322459.87	0:00	0	0:00	0
403	Year-Round Residence	Non-Participating	324348.99	322205.28	0:00	0	0:00	0
404	Year-Round Residence	Non-Participating	324459.52	322181.24	0:00	0	0:00	0
405	Year-Round Residence	Non-Participating	324372.32	321726.74	0:00	0	0:00	0
406	Year-Round Residence	Non-Participating	324464.71	321669.41	0:00	0	0:00	0
407	Year-Round Residence	Non-Participating	324450.11	321630.16	0:00	0	0:00	0
408	Year-Round Residence	Non-Participating	324352.67	321602.86	0:00	0	0:00	0
409	Year-Round Residence	Non-Participating	324306.07	321611.73	0:00	0	0:00	0
410	Year-Round Residence	Non-Participating	324361.75	321305.73	0:00	0	0:00	0
411	Year-Round Residence	Non-Participating	324279.94	321352.65	0:00	0	0:00	0
413	Year-Round Residence	Non-Participating	323942.85	321399.04	0:00	0	0:00	0
414	Year-Round Residence	Non-Participating	324501.52	321125.51	0:00	0	0:00	0
415	Year-Round Residence	Non-Participating	324752.92	320946.95	0:00	0	0:00	0
416	Year-Round Residence	Non-Participating	324684.12	320689.00	0:00	0	0:00	0
417	Year-Round Residence	Non-Participating	324760.65	320664.49	0:00	0	0:00	0
418	Year-Round Residence	Non-Participating	324945.95	321020.41	0:00	0	0:00	0
419	Year-Round Residence	Non-Participating	325245.51	321354.16	0:00	0	0:00	0
420	Year-Round Residence	Non-Participating	325140.17	321415.46	0:00	0	0:00	0
421	Year-Round Residence	Non-Participating	325273.19	321558.66	0:00	0	0:00	0
422	Year-Round Residence	Non-Participating	325171.43	321725.60	0:00	0	0:00	0
423	Year-Round Residence	Non-Participating	325059.93	321691.52	0:00	0	0:00	0
424	Year-Round Residence	Non-Participating	324976.24	321671.63	0:00	0	0:00	0
425	Year-Round Residence	Non-Participating	324901.86	321672.93	0:00	0	0:00	0
426	Year-Round Residence	Non-Participating	324870.24	321730.51	0:00	0	0:00	0
427	Year-Round Residence	Non-Participating	324705.38	321796.47	0:00	0	0:00	0
428	Year-Round Residence	Non-Participating	325411.66	321661.95	0:00	0	0:00	0
429	Year-Round Residence	Non-Participating	325467.09	321646.17	0:00	0	0:00	0
430	Year-Round Residence	Non-Participating	325612.56	321530.12	0:00	0	0:00	0
431	Year-Round Residence	Non-Participating	325714.35	321444.97	0:00	0	0:00	0
432	Year-Round Residence	Non-Participating	324202.08	322439.62	0:00	0	0:00	0
433	Year-Round Residence	Non-Participating	324165.19	322499.02	0:00	0	0:00	0
434	Year-Round Residence	Non-Participating	324085.25	322502.38	0:00	0	0:00	0
435	Year-Round Residence	Non-Participating	324004.12	322420.23	0:00	0	0:00	0
436	Year-Round Residence	Non-Participating	324053.58	322673.73	0:00	0	0:00	0
437	Year-Round Residence	Non-Participating	323896.71	322619.92	0:00	0	0:00	0
438	Year-Round Residence	Non-Participating	323774.65	322524.35	0:00	0	0:00	0
439	Year-Round Residence	Non-Participating	323707.95	322516.51	0:00	0	0:00	0
440	Year-Round Residence	Non-Participating	323304.56	322386.97	0:00	0	0:00	0
441	Year-Round Residence	Non-Participating	323114.67	322510.49	0:00	0	0:00	0
442	Year-Round Residence	Non-Participating	323207.32	322624.29	0:00	0	0:00	0
443	Year-Round Residence	Non-Participating	324004.61	323147.13	0:00	0	0:00	0
444	Year-Round Residence	Non-Participating	324049.94	323026.37	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
445	Year-Round Residence	Non-Participating	323933.25	323033.44	0:00	0	0:00	0
446	Year-Round Residence	Non-Participating	323780.69	323004.00	0:00	0	0:00	0
447	Year-Round Residence	Non-Participating	323873.40	323154.64	0:00	0	0:00	0
448	Year-Round Residence	Non-Participating	323550.58	323099.41	0:00	0	0:00	0
449	Year-Round Residence	Non-Participating	323317.56	323288.56	0:00	0	0:00	0
452	Year-Round Residence	Non-Participating	322888.01	323483.97	0:00	0	0:00	0
456	Year-Round Residence	Non-Participating	329977.58	321900.83	0:00	0	0:00	0
457	Year-Round Residence	Non-Participating	329948.82	321900.18	0:00	0	0:00	0
458	Year-Round Residence	Non-Participating	329905.24	322409.79	0:00	0	0:00	0
459	Year-Round Residence	Non-Participating	329939.53	322642.37	0:00	0	0:00	0
460	Year-Round Residence	Non-Participating	329857.45	322954.04	0:00	0	0:00	0
461	Year-Round Residence	Non-Participating	329984.68	323336.66	0:00	0	0:00	0
463	Year-Round Residence	Non-Participating	329945.77	323417.71	0:00	0	0:00	0
464	Year-Round Residence	Non-Participating	330011.66	323421.52	0:00	0	0:00	0
465	Year-Round Residence	Non-Participating	330330.72	323227.03	0:00	0	0:00	0
466	Year-Round Residence	Non-Participating	330332.33	322871.69	0:00	0	0:00	0
467	Year-Round Residence	Non-Participating	330441.67	322861.44	0:00	0	0:00	0
468	Year-Round Residence	Non-Participating	330083.48	323608.56	0:00	0	0:00	0
469	Year-Round Residence	Non-Participating	330003.59	323684.98	0:00	0	0:00	0
470	Year-Round Residence	Non-Participating	330027.36	323878.58	0:00	0	0:00	0
471	Year-Round Residence	Non-Participating	330020.19	323990.33	0:00	0	0:00	0
472	Year-Round Residence	Non-Participating	330136.74	324043.02	0:00	0	0:00	0
473	Year-Round Residence	Non-Participating	329949.10	324269.09	0:00	0	0:00	0
474	Year-Round Residence	Non-Participating	330124.85	324574.71	0:00	0	0:00	0
475	Year-Round Residence	Non-Participating	330085.38	324828.88	0:00	0	0:00	0
476	Year-Round Residence	Non-Participating	330115.34	324892.78	0:00	0	0:00	0
477	Year-Round Residence	Non-Participating	330103.04	324933.39	0:00	0	0:00	0
478	Year-Round Residence	Non-Participating	330086.62	325001.42	0:00	0	0:00	0
479	Year-Round Residence	Non-Participating	330079.64	325047.71	0:00	0	0:00	0
480	Year-Round Residence	Non-Participating	329997.46	325045.73	0:00	0	0:00	0
482	Year-Round Residence	Non-Participating	330113.43	325099.39	0:00	0	0:00	0
483	Year-Round Residence	Non-Participating	330134.52	325086.91	0:00	0	0:00	0
485	Year-Round Residence	Non-Participating	330018.53	325123.85	0:00	0	0:00	0
486	Year-Round Residence	Non-Participating	330018.26	325137.96	0:00	0	0:00	0
487	Year-Round Residence	Non-Participating	330059.68	325166.72	0:00	0	0:00	0
488	Year-Round Residence	Non-Participating	330013.69	325173.69	0:00	0	0:00	0
489	Year-Round Residence	Non-Participating	330008.05	325238.32	0:00	0	0:00	0
490	Year-Round Residence	Non-Participating	330049.72	325214.38	0:00	0	0:00	0
492	Year-Round Residence	Non-Participating	330026.74	325413.79	0:00	0	0:00	0
493	Year-Round Residence	Non-Participating	330099.09	325334.14	0:00	0	0:00	0
494	Year-Round Residence	Non-Participating	330129.64	325363.92	0:00	0	0:00	0
495	Year-Round Residence	Non-Participating	330088.31	325520.28	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
496	Year-Round Residence	Non-Participating	330133.94	325713.33	0:00	0	0:00	0
497	Year-Round Residence	Non-Participating	330131.85	325852.80	0:00	0	0:00	0
498	Year-Round Residence	Non-Participating	330634.49	326436.65	0:00	0	0:00	0
499	Year-Round Residence	Non-Participating	330209.52	325108.52	0:00	0	0:00	0
500	Year-Round Residence	Non-Participating	330550.59	325053.24	0:00	0	0:00	0
501	Year-Round Residence	Non-Participating	331113.94	325036.38	0:00	0	0:00	0
502	Year-Round Residence	Non-Participating	331081.03	325125.58	0:00	0	0:00	0
503	Year-Round Residence	Non-Participating	331043.77	324903.13	0:00	0	0:00	0
504	Year-Round Residence	Non-Participating	330005.17	323534.69	0:00	0	0:00	0
505	Year-Round Residence	Non-Participating	329868.36	323565.09	0:00	0	0:00	0
506	Year-Round Residence	Non-Participating	329347.94	323933.87	0:00	0	0:00	0
507	Year-Round Residence	Non-Participating	329261.79	324196.51	0:00	0	0:00	0
512	Year-Round Residence	Non-Participating	328047.11	323631.85	0:00	0	0:00	0
513	Year-Round Residence	Non-Participating	328120.53	323632.51	0:00	0	0:00	0
514	Year-Round Residence	Non-Participating	328089.58	323546.51	0:00	0	0:00	0
515	Year-Round Residence	Non-Participating	328484.82	323537.93	0:00	0	0:00	0
517	Year-Round Residence	Non-Participating	328845.65	323707.96	0:00	0	0:00	0
518	Year-Round Residence	Non-Participating	329095.79	323724.23	0:00	0	0:00	0
519	Year-Round Residence	Non-Participating	329151.41	324162.39	0:00	0	0:00	0
520	Year-Round Residence	Non-Participating	329226.49	324277.09	0:00	0	0:00	0
521	Year-Round Residence	Non-Participating	329479.82	324404.19	0:00	0	0:00	0
522	Year-Round Residence	Non-Participating	329505.25	324598.68	0:00	0	0:00	0
523	Year-Round Residence	Non-Participating	329552.43	324699.69	0:00	0	0:00	0
524	Year-Round Residence	Non-Participating	329811.75	325017.99	0:00	0	0:00	0
526	Year-Round Residence	Non-Participating	328948.12	324656.34	0:00	0	0:00	0
533	Year-Round Residence	Non-Participating	329056.75	325208.36	0:00	0	0:00	0
534	Year-Round Residence	Non-Participating	329104.31	325224.48	0:00	0	0:00	0
535	Year-Round Residence	Non-Participating	329171.23	325228.41	0:00	0	0:00	0
536	Year-Round Residence	Non-Participating	329416.20	325057.07	0:00	0	0:00	0
538	Year-Round Residence	Non-Participating	326996.77	323448.82	0:00	0	0:00	0
558	Year-Round Residence	Non-Participating	327981.66	325844.33	0:00	0	0:00	0
559	Year-Round Residence	Non-Participating	328020.08	326073.13	0:00	0	0:00	0
560	Year-Round Residence	Non-Participating	327572.80	326269.47	0:00	0	0:00	0
561	Year-Round Residence	Non-Participating	327421.78	326374.56	0:00	0	0:00	0
562	Year-Round Residence	Non-Participating	327466.54	326447.32	0:00	0	0:00	0
563	Year-Round Residence	Non-Participating	327098.61	326609.78	0:00	0	0:00	0
564	Year-Round Residence	Non-Participating	327018.60	326644.87	0:00	0	0:00	0
565	Year-Round Residence	Non-Participating	327038.44	326770.60	0:00	0	0:00	0
566	Year-Round Residence	Non-Participating	326830.62	326745.87	0:00	0	0:00	0
567	Year-Round Residence	Non-Participating	326755.68	326841.46	0:00	0	0:00	0
568	Year-Round Residence	Non-Participating	326594.75	326866.98	0:00	0	0:00	0
569	Year-Round Residence	Non-Participating	326506.05	326868.43	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
570	Year-Round Residence	Non-Participating	326639.50	326964.12	0:00	0	0:00	0
571	Year-Round Residence	Non-Participating	326564.98	327009.89	0:00	0	0:00	0
572	Year-Round Residence	Non-Participating	326701.57	327022.18	0:00	0	0:00	0
573	Year-Round Residence	Non-Participating	326607.05	327077.44	0:00	0	0:00	0
574	Year-Round Residence	Non-Participating	326739.57	327093.25	0:00	0	0:00	0
575	Year-Round Residence	Non-Participating	326855.73	327172.07	0:00	0	0:00	0
576	Year-Round Residence	Non-Participating	326659.48	327221.49	0:00	0	0:00	0
577	Year-Round Residence	Non-Participating	326775.48	327244.34	0:00	0	0:00	0
578	Year-Round Residence	Non-Participating	326695.98	327292.67	0:00	0	0:00	0
579	Year-Round Residence	Non-Participating	326792.03	327297.26	0:00	0	0:00	0
580	Year-Round Residence	Non-Participating	326896.33	327387.16	0:00	0	0:00	0
581	Year-Round Residence	Non-Participating	326908.21	327453.02	0:00	0	0:00	0
582	Year-Round Residence	Non-Participating	328464.84	322714.81	0:00	0	0:00	0
583	Year-Round Residence	Non-Participating	328548.86	322814.99	0:00	0	0:00	0
584	Year-Round Residence	Non-Participating	328501.26	322867.24	0:00	0	0:00	0
585	Year-Round Residence	Non-Participating	328475.00	323052.29	0:00	0	0:00	0
586	Year-Round Residence	Non-Participating	330070.41	326271.36	0:00	0	0:00	0
587	Year-Round Residence	Non-Participating	329980.77	326335.86	0:00	0	0:00	0
588	Year-Round Residence	Non-Participating	329865.75	326348.73	0:00	0	0:00	0
590	Year-Round Residence	Non-Participating	329909.52	326586.66	0:00	0	0:00	0
591	Year-Round Residence	Non-Participating	329674.57	326862.50	0:00	0	0:00	0
592	Year-Round Residence	Non-Participating	329741.46	327247.66	0:00	0	0:00	0
593	Year-Round Residence	Non-Participating	329667.33	327452.83	0:00	0	0:00	0
594	Year-Round Residence	Non-Participating	329786.61	327570.30	0:00	0	0:00	0
595	Year-Round Residence	Non-Participating	329659.26	327523.82	0:00	0	0:00	0
596	Year-Round Residence	Non-Participating	329665.46	327778.01	0:00	0	0:00	0
597	Year-Round Residence	Non-Participating	329876.60	327713.09	0:00	0	0:00	0
598	Year-Round Residence	Non-Participating	329690.66	326380.12	0:00	0	0:00	0
599	Year-Round Residence	Non-Participating	329493.20	326408.86	0:00	0	0:00	0
600	Year-Round Residence	Non-Participating	329088.24	326818.38	0:00	0	0:00	0
601	Year-Round Residence	Non-Participating	328838.10	327314.44	0:00	0	0:00	0
603	Year-Round Residence	Non-Participating	328540.83	327937.99	0:00	0	0:00	0
604	Year-Round Residence	Non-Participating	328548.14	328125.00	0:00	0	0:00	0
605	Year-Round Residence	Non-Participating	328511.74	328266.48	0:00	0	0:00	0
606	Year-Round Residence	Non-Participating	328475.05	328349.28	0:00	0	0:00	0
607	Year-Round Residence	Non-Participating	328476.55	328401.65	0:00	0	0:00	0
608	Year-Round Residence	Non-Participating	328381.01	328457.39	0:00	0	0:00	0
609	Year-Round Residence	Non-Participating	327895.13	327465.04	0:00	0	0:00	0
610	Year-Round Residence	Non-Participating	327415.20	327653.33	0:00	0	0:00	0
611	Year-Round Residence	Non-Participating	327588.98	327484.75	0:00	0	0:00	0
612	Year-Round Residence	Non-Participating	327835.02	327094.72	0:00	0	0:00	0
613	Year-Round Residence	Non-Participating	327781.47	327118.13	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
614	Year-Round Residence	Non-Participating	327762.70	327142.24	0:00	0	0:00	0
615	Year-Round Residence	Non-Participating	327678.01	326917.60	0:00	0	0:00	0
616	Year-Round Residence	Non-Participating	327470.70	326839.66	0:00	0	0:00	0
621	Year-Round Residence	Non-Participating	326701.99	326079.42	0:00	0	0:00	0
622	Year-Round Residence	Non-Participating	326602.66	326054.42	0:00	0	0:00	0
623	Year-Round Residence	Non-Participating	326586.41	326168.23	0:00	0	0:00	0
624	Year-Round Residence	Non-Participating	326584.79	326238.63	0:00	0	0:00	0
625	Year-Round Residence	Non-Participating	326411.39	326280.73	0:00	0	0:00	0
626	Year-Round Residence	Non-Participating	326477.82	326395.59	0:00	0	0:00	0
627	Year-Round Residence	Non-Participating	326441.62	326451.40	0:00	0	0:00	0
628	Year-Round Residence	Non-Participating	326401.74	326599.84	0:00	0	0:00	0
629	Year-Round Residence	Non-Participating	326481.82	326785.91	0:00	0	0:00	0
630	Year-Round Residence	Non-Participating	326414.92	326914.05	0:00	0	0:00	0
631	Year-Round Residence	Non-Participating	326326.64	326919.04	0:00	0	0:00	0
632	Year-Round Residence	Non-Participating	326246.96	326933.13	0:00	0	0:00	0
633	Year-Round Residence	Non-Participating	326142.75	326931.26	0:00	0	0:00	0
634	Year-Round Residence	Non-Participating	325950.33	326982.90	0:00	0	0:00	0
635	Year-Round Residence	Non-Participating	325740.63	327009.10	0:00	0	0:00	0
636	Year-Round Residence	Non-Participating	325672.13	327507.94	0:00	0	0:00	0
637	Year-Round Residence	Non-Participating	325700.00	327630.91	0:00	0	0:00	0
638	Year-Round Residence	Non-Participating	325672.34	328040.57	0:00	0	0:00	0
639	Year-Round Residence	Non-Participating	325746.08	328063.11	0:00	0	0:00	0
640	Year-Round Residence	Non-Participating	325691.72	328124.28	0:00	0	0:00	0
641	Year-Round Residence	Non-Participating	325711.11	328221.86	0:00	0	0:00	0
642	Year-Round Residence	Non-Participating	325744.19	328336.83	0:00	0	0:00	0
643	Year-Round Residence	Non-Participating	325674.29	328375.31	0:00	0	0:00	0
644	Year-Round Residence	Non-Participating	326012.20	328401.63	0:00	0	0:00	0
645	Year-Round Residence	Non-Participating	326152.27	328506.18	0:00	0	0:00	0
646	Year-Round Residence	Non-Participating	326113.01	328409.67	0:00	0	0:00	0
647	Year-Round Residence	Non-Participating	326212.02	328424.82	0:00	0	0:00	0
648	Year-Round Residence	Non-Participating	326318.65	328501.06	0:00	0	0:00	0
649	Year-Round Residence	Non-Participating	326410.82	328582.70	0:00	0	0:00	0
650	Year-Round Residence	Non-Participating	326493.76	328550.96	0:00	0	0:00	0
651	Year-Round Residence	Non-Participating	326851.80	328497.00	0:00	0	0:00	0
652	Year-Round Residence	Non-Participating	326613.69	328392.95	0:00	0	0:00	0
662	Year-Round Residence	Non-Participating	325969.48	325710.06	0:00	0	0:00	0
663	Year-Round Residence	Non-Participating	325700.57	326014.11	0:00	0	0:00	0
664	Year-Round Residence	Non-Participating	325743.82	326057.97	0:00	0	0:00	0
665	Year-Round Residence	Non-Participating	325751.65	326129.23	0:00	0	0:00	0
666	Year-Round Residence	Non-Participating	325754.69	326203.32	0:00	0	0:00	0
667	Year-Round Residence	Non-Participating	325736.82	326261.21	0:00	0	0:00	0
668	Year-Round Residence	Non-Participating	325744.91	326331.06	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
669	Year-Round Residence	Non-Participating	325747.75	326429.03	0:00	0	0:00	0
670	Year-Round Residence	Non-Participating	325750.08	326486.12	0:00	0	0:00	0
671	Year-Round Residence	Non-Participating	325854.60	326663.33	0:00	0	0:00	0
672	Year-Round Residence	Non-Participating	325425.65	326994.85	0:00	0	0:00	0
673	Year-Round Residence	Non-Participating	325104.03	327882.84	0:00	0	0:00	0
674	Year-Round Residence	Non-Participating	325016.17	327892.05	0:00	0	0:00	0
675	Year-Round Residence	Non-Participating	324942.80	328055.65	0:00	0	0:00	0
676	Year-Round Residence	Non-Participating	324115.74	328036.99	0:00	0	0:00	0
677	Year-Round Residence	Non-Participating	324313.27	327911.51	0:00	0	0:00	0
681	Year-Round Residence	Non-Participating	325155.76	326738.40	0:00	0	0:00	0
687	Year-Round Residence	Non-Participating	323607.51	327541.12	0:00	0	0:00	0
688	Year-Round Residence	Non-Participating	323634.85	327473.47	0:00	0	0:00	0
689	Year-Round Residence	Non-Participating	323667.47	327422.53	0:00	0	0:00	0
694	Year-Round Residence	Non-Participating	324022.63	326186.20	0:00	0	0:00	0
696	Year-Round Residence	Non-Participating	324194.77	325741.25	0:00	0	0:00	0
713	Year-Round Residence	Non-Participating	323281.10	323143.80	0:00	0	0:00	0
714	Seasonal Residence	Non-Participating	325745.16	321821.92	0:00	0	0:00	0
716	Seasonal Residence	Non-Participating	325343.12	327976.48	0:00	0	0:00	0
717	Seasonal Residence	Non-Participating	325366.04	327983.59	0:00	0	0:00	0
718	Seasonal Residence	Non-Participating	325345.23	327936.13	0:00	0	0:00	0
719	Seasonal Residence	Non-Participating	325377.89	327944.19	0:00	0	0:00	0
720	Seasonal Residence	Non-Participating	325400.21	327958.17	0:00	0	0:00	0
721	Seasonal Residence	Non-Participating	325356.06	327914.30	0:00	0	0:00	0
722	Seasonal Residence	Non-Participating	325371.98	327892.02	0:00	0	0:00	0
723	Seasonal Residence	Non-Participating	325400.05	327932.38	0:00	0	0:00	0
724	Seasonal Residence	Non-Participating	325402.60	327910.25	0:00	0	0:00	0
725	Seasonal Residence	Non-Participating	325418.02	327904.20	0:00	0	0:00	0
726	Seasonal Residence	Non-Participating	325409.08	327888.46	0:00	0	0:00	0
727	Seasonal Residence	Non-Participating	325419.54	327876.89	0:00	0	0:00	0
728	Seasonal Residence	Non-Participating	325413.45	328009.73	0:00	0	0:00	0
729	Seasonal Residence	Non-Participating	325393.45	327973.71	0:00	0	0:00	0
730	Seasonal Residence	Non-Participating	325454.06	328015.84	0:00	0	0:00	0
731	Seasonal Residence	Non-Participating	325480.37	328044.51	0:00	0	0:00	0
732	Seasonal Residence	Non-Participating	325490.48	328033.29	0:00	0	0:00	0
733	Seasonal Residence	Non-Participating	325471.95	328003.69	0:00	0	0:00	0
734	Seasonal Residence	Non-Participating	325483.03	327995.61	0:00	0	0:00	0
735	Seasonal Residence	Non-Participating	325547.38	328013.83	0:00	0	0:00	0
736	Seasonal Residence	Non-Participating	325563.23	328024.46	0:00	0	0:00	0
737	Seasonal Residence	Non-Participating	325516.86	328018.94	0:00	0	0:00	0
738	Seasonal Residence	Non-Participating	325514.02	328002.52	0:00	0	0:00	0
739	Seasonal Residence	Non-Participating	325531.43	327979.98	0:00	0	0:00	0
740	Seasonal Residence	Non-Participating	325629.78	328003.20	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
741	Seasonal Residence	Non-Participating	325543.56	327921.70	0:00	0	0:00	0
742	Seasonal Residence	Non-Participating	325596.85	327929.07	0:00	0	0:00	0
743	Seasonal Residence	Non-Participating	325583.77	327965.54	0:00	0	0:00	0
744	Seasonal Residence	Non-Participating	325602.10	327960.98	0:00	0	0:00	0
745	Seasonal Residence	Non-Participating	325561.30	327937.44	0:00	0	0:00	0
746	Seasonal Residence	Non-Participating	325446.29	328026.82	0:00	0	0:00	0
747	Seasonal Residence	Non-Participating	325658.48	328135.24	0:00	0	0:00	0
748	Seasonal Residence	Non-Participating	325661.48	326324.43	0:00	0	0:00	0
878	Year-Round Residence	Non-Participating	325945.81	326888.42	0:00	0	0:00	0
940	Year-Round Residence	Non-Participating	327613.59	320420.17	0:00	0	0:00	0
998	Year-Round Residence	Non-Participating	324166.93	321721.96	0:00	0	0:00	0
1003	Year-Round Residence	Non-Participating	324046.35	321189.46	0:00	0	0:00	0
1025	Year-Round Residence	Non-Participating	330339.16	322901.61	0:00	0	0:00	0
1122	Year-Round Residence	Non-Participating	325000.23	327144.27	0:00	0	0:00	0
1129	Year-Round Residence	Non-Participating	324047.36	325972.98	0:00	0	0:00	0
1144	Year-Round Residence	Non-Participating	325887.36	323375.87	0:00	0	0:00	0
1145	Year-Round Residence	Non-Participating	325890.11	323346.79	0:00	0	0:00	0
1147	Year-Round Residence	Non-Participating	329880.15	322685.06	0:00	0	0:00	0
1148	Year-Round Residence	Non-Participating	329952.55	325105.23	0:00	0	0:00	0
1152	Year-Round Residence	Non-Participating	328507.39	328156.85	0:00	0	0:00	0
1166	Year-Round Residence	Non-Participating	325724.92	327986.21	0:00	0	0:00	0
1167	Year-Round Residence	Non-Participating	326355.85	328616.48	0:00	0	0:00	0
1168	Year-Round Residence	Non-Participating	326482.93	326886.36	0:00	0	0:00	0
1169	Year-Round Residence	Non-Participating	326681.45	327386.34	0:00	0	0:00	0
1176	Year-Round Residence	Non-Participating	330335.09	324905.12	0:00	0	0:00	0
1177	Year-Round Residence	Non-Participating	330153.01	325466.87	0:00	0	0:00	0
1178	Year-Round Residence	Non-Participating	324583.88	320893.66	0:00	0	0:00	0
1179	Year-Round Residence	Non-Participating	327064.62	323283.95	0:00	0	0:00	0
1183	Year-Round Residence	Non-Participating	328511.02	322768.13	0:00	0	0:00	0
1275	Year-Round Residence	Non-Participating	322070.83	327704.69	0:00	0	0:00	0
1365	Year-Round Residence	Non-Participating	320539.86	330746.94	0:00	0	0:00	0
1406	Year-Round Residence	Non-Participating	319551.11	322646.06	0:00	0	0:00	0
1409	Year-Round Residence	Non-Participating	323113.39	320090.60	0:00	0	0:00	0
1419	Seasonal Residence	Non-Participating	313209.56	328767.83	0:00	0	0:00	0
1421	Seasonal Residence	Non-Participating	316258.35	332105.08	0:00	0	0:00	0
1422	Seasonal Residence	Non-Participating	317821.10	332559.73	0:00	0	0:00	0
1423	Seasonal Residence	Non-Participating	316491.12	329705.46	0:00	0	0:00	0
1425	Seasonal Residence	Non-Participating	313664.39	325982.83	0:00	0	0:00	0
1433	Seasonal Residence	Non-Participating	319901.71	329969.79	0:00	0	0:00	0
1434	Seasonal Residence	Non-Participating	323920.16	328604.23	0:00	0	0:00	0
1439	Year-Round Residence	Non-Participating	312967.76	326979.39	0:00	0	0:00	0
1440	Year-Round Residence	Non-Participating	313042.05	326949.42	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1441	Year-Round Residence	Non-Participating	313111.01	326969.73	0:00	0	0:00	0
1442	Year-Round Residence	Non-Participating	313191.15	327029.38	0:00	0	0:00	0
1443	Year-Round Residence	Non-Participating	313258.73	327007.33	0:00	0	0:00	0
1444	Year-Round Residence	Non-Participating	313377.60	327129.66	0:00	0	0:00	0
1445	Year-Round Residence	Non-Participating	313311.36	327194.05	0:00	0	0:00	0
1446	Year-Round Residence	Non-Participating	313174.86	327170.26	0:00	0	0:00	0
1447	Year-Round Residence	Non-Participating	313161.11	327222.95	0:00	0	0:00	0
1448	Year-Round Residence	Non-Participating	313125.99	327262.87	0:00	0	0:00	0
1449	Year-Round Residence	Non-Participating	313092.30	327319.27	0:00	0	0:00	0
1450	Year-Round Residence	Non-Participating	313053.96	327352.15	0:00	0	0:00	0
1451	Year-Round Residence	Non-Participating	313034.29	327397.98	0:00	0	0:00	0
1452	Year-Round Residence	Non-Participating	313120.41	327475.47	0:00	0	0:00	0
1453	Year-Round Residence	Non-Participating	312972.61	327495.45	0:00	0	0:00	0
1454	Year-Round Residence	Non-Participating	313196.59	326572.88	0:00	0	0:00	0
1455	Year-Round Residence	Non-Participating	313179.66	326499.26	0:00	0	0:00	0
1456	Year-Round Residence	Non-Participating	313272.81	326547.92	0:00	0	0:00	0
1457	Year-Round Residence	Non-Participating	313257.94	326470.93	0:00	0	0:00	0
1458	Year-Round Residence	Non-Participating	313346.76	326533.97	0:00	0	0:00	0
1459	Year-Round Residence	Non-Participating	313329.10	326450.26	0:00	0	0:00	0
1460	Year-Round Residence	Non-Participating	313406.02	326508.66	0:00	0	0:00	0
1461	Year-Round Residence	Non-Participating	313400.40	326413.17	0:00	0	0:00	0
1462	Year-Round Residence	Non-Participating	313345.60	326366.75	0:00	0	0:00	0
1463	Year-Round Residence	Non-Participating	313259.28	326356.70	0:00	0	0:00	0
1464	Year-Round Residence	Non-Participating	313197.06	326246.34	0:00	0	0:00	0
1465	Year-Round Residence	Non-Participating	313237.91	326133.43	0:00	0	0:00	0
1466	Year-Round Residence	Non-Participating	313431.39	326286.56	0:00	0	0:00	0
1467	Year-Round Residence	Non-Participating	313364.20	327216.23	0:00	0	0:00	0
1468	Year-Round Residence	Non-Participating	313481.86	327262.51	0:00	0	0:00	0
1469	Year-Round Residence	Non-Participating	313703.14	327291.26	0:00	0	0:00	0
1470	Year-Round Residence	Non-Participating	313751.46	327308.59	0:00	0	0:00	0
1471	Year-Round Residence	Non-Participating	313806.07	327415.41	0:00	0	0:00	0
1472	Year-Round Residence	Non-Participating	313917.19	327390.29	0:00	0	0:00	0
1473	Year-Round Residence	Non-Participating	313592.39	327089.79	0:00	0	0:00	0
1474	Year-Round Residence	Non-Participating	313638.97	327081.09	0:00	0	0:00	0
1475	Year-Round Residence	Non-Participating	313699.78	327128.42	0:00	0	0:00	0
1476	Year-Round Residence	Non-Participating	313783.15	327128.53	0:00	0	0:00	0
1477	Year-Round Residence	Non-Participating	313722.90	327044.75	0:00	0	0:00	0
1478	Year-Round Residence	Non-Participating	313779.01	327056.60	0:00	0	0:00	0
1479	Year-Round Residence	Non-Participating	313828.68	327039.61	0:00	0	0:00	0
1480	Year-Round Residence	Non-Participating	313842.30	327129.09	0:00	0	0:00	0
1481	Year-Round Residence	Non-Participating	313910.71	327136.72	0:00	0	0:00	0
1482	Year-Round Residence	Non-Participating	313924.65	327021.49	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1483	Year-Round Residence	Non-Participating	314253.38	327418.18	0:00	0	0:00	0
1484	Year-Round Residence	Non-Participating	314297.96	327484.44	0:00	0	0:00	0
1485	Year-Round Residence	Non-Participating	314248.18	327650.62	0:00	0	0:00	0
1486	Year-Round Residence	Non-Participating	314162.36	327635.89	0:00	0	0:00	0
1487	Year-Round Residence	Non-Participating	314002.12	327458.34	0:00	0	0:00	0
1488	Year-Round Residence	Non-Participating	313970.42	327505.32	0:00	0	0:00	0
1489	Year-Round Residence	Non-Participating	313980.93	327557.55	0:00	0	0:00	0
1490	Year-Round Residence	Non-Participating	313943.32	327914.61	0:00	0	0:00	0
1491	Year-Round Residence	Non-Participating	313932.71	327989.83	0:00	0	0:00	0
1493	Year-Round Residence	Non-Participating	313815.68	328474.02	0:00	0	0:00	0
1494	Year-Round Residence	Non-Participating	313721.93	328454.62	0:00	0	0:00	0
1496	Year-Round Residence	Non-Participating	313628.66	329025.75	0:00	0	0:00	0
1497	Year-Round Residence	Non-Participating	313697.09	329799.65	0:00	0	0:00	0
1498	Year-Round Residence	Non-Participating	313687.67	330025.45	0:00	0	0:00	0
1499	Year-Round Residence	Non-Participating	313601.18	330082.10	0:00	0	0:00	0
1500	Year-Round Residence	Non-Participating	313413.64	330010.49	0:00	0	0:00	0
1501	Year-Round Residence	Non-Participating	313829.25	330028.78	0:00	0	0:00	0
1502	Year-Round Residence	Non-Participating	313964.92	330096.38	0:00	0	0:00	0
1503	Year-Round Residence	Non-Participating	313999.76	330029.11	0:00	0	0:00	0
1504	Year-Round Residence	Non-Participating	314067.00	330034.76	0:00	0	0:00	0
1505	Year-Round Residence	Non-Participating	314035.46	330085.76	0:00	0	0:00	0
1506	Year-Round Residence	Non-Participating	314260.71	330096.96	0:00	0	0:00	0
1507	Year-Round Residence	Non-Participating	314285.14	330021.87	0:00	0	0:00	0
1508	Year-Round Residence	Non-Participating	314451.52	330019.85	0:00	0	0:00	0
1509	Year-Round Residence	Non-Participating	314533.04	330027.50	0:00	0	0:00	0
1511	Year-Round Residence	Non-Participating	314932.90	330000.03	0:00	0	0:00	0
1512	Year-Round Residence	Non-Participating	315001.78	330054.61	0:00	0	0:00	0
1513	Year-Round Residence	Non-Participating	314997.99	329999.36	0:00	0	0:00	0
1514	Year-Round Residence	Non-Participating	315010.48	329939.82	0:00	0	0:00	0
1515	Year-Round Residence	Non-Participating	315011.59	330199.68	0:00	0	0:00	0
1516	Year-Round Residence	Non-Participating	315009.83	330268.05	0:00	0	0:00	0
1517	Year-Round Residence	Non-Participating	314932.67	330460.58	0:00	0	0:00	0
1519	Year-Round Residence	Non-Participating	314939.30	330576.96	0:00	0	0:00	0
1520	Year-Round Residence	Non-Participating	315012.13	330682.81	0:00	0	0:00	0
1521	Year-Round Residence	Non-Participating	314910.30	331361.14	0:00	0	0:00	0
1522	Year-Round Residence	Non-Participating	314924.00	331425.38	0:00	0	0:00	0
1523	Year-Round Residence	Non-Participating	315051.38	331423.62	0:00	0	0:00	0
1524	Year-Round Residence	Non-Participating	314916.10	331481.80	0:00	0	0:00	0
1525	Year-Round Residence	Non-Participating	314914.50	331550.79	0:00	0	0:00	0
1526	Year-Round Residence	Non-Participating	314979.50	331612.67	0:00	0	0:00	0
1528	Year-Round Residence	Non-Participating	315767.33	332047.04	0:00	0	0:00	0
1529	Year-Round Residence	Non-Participating	315835.06	332039.26	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1530	Year-Round Residence	Non-Participating	315885.10	332053.75	0:00	0	0:00	0
1531	Year-Round Residence	Non-Participating	316179.66	332111.57	0:00	0	0:00	0
1532	Year-Round Residence	Non-Participating	316243.14	332049.68	0:00	0	0:00	0
1533	Year-Round Residence	Non-Participating	316965.40	332094.86	0:00	0	0:00	0
1534	Year-Round Residence	Non-Participating	316940.62	332517.63	0:00	0	0:00	0
1535	Year-Round Residence	Non-Participating	316948.80	332661.74	0:00	0	0:00	0
1536	Year-Round Residence	Non-Participating	317162.01	332007.60	0:00	0	0:00	0
1537	Year-Round Residence	Non-Participating	317303.94	331926.49	0:00	0	0:00	0
1538	Year-Round Residence	Non-Participating	317470.51	332078.34	0:00	0	0:00	0
1539	Year-Round Residence	Non-Participating	317531.49	332035.95	0:00	0	0:00	0
1540	Year-Round Residence	Non-Participating	315162.28	331387.59	0:00	0	0:00	0
1541	Year-Round Residence	Non-Participating	315242.14	331410.61	0:00	0	0:00	0
1542	Year-Round Residence	Non-Participating	315187.86	331505.88	0:00	0	0:00	0
1543	Year-Round Residence	Non-Participating	315555.89	331563.03	0:00	0	0:00	0
1544	Year-Round Residence	Non-Participating	315538.74	331503.09	0:00	0	0:00	0
1545	Year-Round Residence	Non-Participating	315916.58	331615.03	0:00	0	0:00	0
1546	Year-Round Residence	Non-Participating	316384.90	331774.75	0:00	0	0:00	0
1547	Year-Round Residence	Non-Participating	317251.00	331773.09	0:00	0	0:00	0
1548	Year-Round Residence	Non-Participating	317771.95	332376.33	0:00	0	0:00	0
1549	Year-Round Residence	Non-Participating	317928.99	332531.91	0:00	0	0:00	0
1550	Year-Round Residence	Non-Participating	317912.84	332517.00	0:00	0	0:00	0
1551	Year-Round Residence	Non-Participating	317956.75	332503.53	0:00	0	0:00	0
1552	Year-Round Residence	Non-Participating	318173.58	332579.80	0:00	0	0:00	0
1553	Year-Round Residence	Non-Participating	318198.75	332538.77	0:00	0	0:00	0
1554	Year-Round Residence	Non-Participating	318297.85	332645.62	0:00	0	0:00	0
1555	Year-Round Residence	Non-Participating	318392.60	332680.07	0:00	0	0:00	0
1556	Year-Round Residence	Non-Participating	318899.32	333078.03	0:00	0	0:00	0
1557	Year-Round Residence	Non-Participating	318618.06	333462.22	0:00	0	0:00	0
1558	Year-Round Residence	Non-Participating	318595.67	333526.37	0:00	0	0:00	0
1559	Year-Round Residence	Non-Participating	318651.84	333523.40	0:00	0	0:00	0
1561	Year-Round Residence	Non-Participating	318842.75	333517.28	0:00	0	0:00	0
1562	Year-Round Residence	Non-Participating	319036.75	333421.10	0:00	0	0:00	0
1563	Year-Round Residence	Non-Participating	319176.82	333363.00	0:00	0	0:00	0
1564	Year-Round Residence	Non-Participating	319207.68	333346.72	0:00	0	0:00	0
1565	Year-Round Residence	Non-Participating	319504.27	333413.13	0:00	0	0:00	0
1566	Year-Round Residence	Non-Participating	317506.43	333622.88	0:00	0	0:00	0
1567	Year-Round Residence	Non-Participating	317672.08	333519.27	0:00	0	0:00	0
1568	Year-Round Residence	Non-Participating	317946.98	333513.69	0:00	0	0:00	0
1569	Year-Round Residence	Non-Participating	318306.56	333526.46	0:00	0	0:00	0
1570	Year-Round Residence	Non-Participating	318962.92	333114.33	0:00	0	0:00	0
1571	Year-Round Residence	Non-Participating	318931.70	333010.16	0:00	0	0:00	0
1572	Year-Round Residence	Non-Participating	318945.85	332637.68	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1573	Year-Round Residence	Non-Participating	318960.04	332427.90	0:00	0	0:00	0
1574	Year-Round Residence	Non-Participating	318870.32	332207.11	0:00	0	0:00	0
1575	Year-Round Residence	Non-Participating	318885.37	332111.27	0:00	0	0:00	0
1576	Year-Round Residence	Non-Participating	318938.14	332143.57	0:00	0	0:00	0
1577	Year-Round Residence	Non-Participating	318937.99	332085.30	0:00	0	0:00	0
1578	Year-Round Residence	Non-Participating	318876.04	331665.43	0:00	0	0:00	0
1579	Year-Round Residence	Non-Participating	318317.00	331795.20	0:00	0	0:00	0
1580	Year-Round Residence	Non-Participating	318255.95	331816.99	0:00	0	0:00	0
1581	Year-Round Residence	Non-Participating	318142.94	331788.38	0:00	0	0:00	0
1582	Year-Round Residence	Non-Participating	318052.40	331754.82	0:00	0	0:00	0
1583	Year-Round Residence	Non-Participating	318019.80	331786.40	0:00	0	0:00	0
1584	Year-Round Residence	Non-Participating	316831.43	331217.22	0:00	0	0:00	0
1585	Year-Round Residence	Non-Participating	316859.36	331102.09	0:00	0	0:00	0
1586	Year-Round Residence	Non-Participating	316826.82	331047.66	0:00	0	0:00	0
1587	Year-Round Residence	Non-Participating	316853.49	330976.13	0:00	0	0:00	0
1588	Year-Round Residence	Non-Participating	316843.19	330708.39	0:00	0	0:00	0
1589	Year-Round Residence	Non-Participating	316836.94	330583.82	0:00	0	0:00	0
1590	Year-Round Residence	Non-Participating	316840.66	330247.46	0:00	0	0:00	0
1592	Year-Round Residence	Non-Participating	316349.09	330103.34	0:00	0	0:00	0
1593	Year-Round Residence	Non-Participating	316115.85	330155.12	0:00	0	0:00	0
1595	Year-Round Residence	Non-Participating	315914.84	330004.21	0:00	0	0:00	0
1597	Year-Round Residence	Non-Participating	315758.86	330108.47	0:00	0	0:00	0
1598	Year-Round Residence	Non-Participating	315584.07	330108.17	0:00	0	0:00	0
1599	Year-Round Residence	Non-Participating	315445.36	329967.59	0:00	0	0:00	0
1600	Year-Round Residence	Non-Participating	315282.32	330095.98	0:00	0	0:00	0
1606	Year-Round Residence	Non-Participating	316605.59	328887.32	0:00	0	0:00	0
1607	Year-Round Residence	Non-Participating	316567.71	329033.05	0:00	0	0:00	0
1608	Year-Round Residence	Non-Participating	316733.74	328837.52	0:00	0	0:00	0
1609	Year-Round Residence	Non-Participating	316491.74	328744.02	0:00	0	0:00	0
1610	Year-Round Residence	Non-Participating	316233.99	328685.00	0:00	0	0:00	0
1611	Year-Round Residence	Non-Participating	316178.09	328571.86	0:00	0	0:00	0
1612	Year-Round Residence	Non-Participating	315960.19	328594.36	0:00	0	0:00	0
1613	Year-Round Residence	Non-Participating	315963.05	328457.18	0:00	0	0:00	0
1614	Year-Round Residence	Non-Participating	315874.56	328382.63	0:00	0	0:00	0
1624	Year-Round Residence	Non-Participating	314971.61	329096.62	0:00	0	0:00	0
1625	Year-Round Residence	Non-Participating	314962.26	329064.08	0:00	0	0:00	0
1626	Year-Round Residence	Non-Participating	314959.08	329507.94	0:00	0	0:00	0
1646	Year-Round Residence	Non-Participating	315433.80	326615.99	0:00	0	0:00	0
1647	Year-Round Residence	Non-Participating	315427.89	326556.77	0:00	0	0:00	0
1651	Year-Round Residence	Non-Participating	314263.41	326916.90	0:00	0	0:00	0
1652	Year-Round Residence	Non-Participating	313731.52	326502.18	0:00	0	0:00	0
1653	Year-Round Residence	Non-Participating	313601.57	326286.56	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1662	Year-Round Residence	Non-Participating	315221.49	325660.80	0:00	0	0:00	0
1664	Year-Round Residence	Non-Participating	315160.07	325457.00	0:00	0	0:00	0
1665	Year-Round Residence	Non-Participating	315013.30	324934.58	0:00	0	0:00	0
1666	Year-Round Residence	Non-Participating	314991.19	324894.13	0:00	0	0:00	0
1667	Year-Round Residence	Non-Participating	314971.97	324853.21	0:00	0	0:00	0
1668	Year-Round Residence	Non-Participating	315039.14	324819.01	0:00	0	0:00	0
1669	Year-Round Residence	Non-Participating	314926.03	324733.55	0:00	0	0:00	0
1670	Year-Round Residence	Non-Participating	314767.17	324612.80	0:00	0	0:00	0
1671	Year-Round Residence	Non-Participating	314799.68	324520.18	0:00	0	0:00	0
1672	Year-Round Residence	Non-Participating	314748.49	324460.80	0:00	0	0:00	0
1673	Year-Round Residence	Non-Participating	314691.46	324399.17	0:00	0	0:00	0
1674	Year-Round Residence	Non-Participating	314510.58	324333.51	0:00	0	0:00	0
1675	Year-Round Residence	Non-Participating	314269.84	324397.90	0:00	0	0:00	0
1676	Year-Round Residence	Non-Participating	314240.27	324405.93	0:00	0	0:00	0
1677	Year-Round Residence	Non-Participating	314056.62	324410.17	0:00	0	0:00	0
1678	Year-Round Residence	Non-Participating	314222.26	324511.01	0:00	0	0:00	0
1679	Year-Round Residence	Non-Participating	314274.06	324516.39	0:00	0	0:00	0
1680	Year-Round Residence	Non-Participating	314633.61	324304.10	0:00	0	0:00	0
1681	Year-Round Residence	Non-Participating	314602.82	324270.58	0:00	0	0:00	0
1682	Year-Round Residence	Non-Participating	314575.05	324230.68	0:00	0	0:00	0
1683	Year-Round Residence	Non-Participating	314625.83	324187.68	0:00	0	0:00	0
1684	Year-Round Residence	Non-Participating	314583.95	324119.20	0:00	0	0:00	0
1685	Year-Round Residence	Non-Participating	314524.04	324029.46	0:00	0	0:00	0
1686	Year-Round Residence	Non-Participating	314481.50	323983.54	0:00	0	0:00	0
1687	Year-Round Residence	Non-Participating	314450.66	323916.96	0:00	0	0:00	0
1688	Year-Round Residence	Non-Participating	314367.43	323817.94	0:00	0	0:00	0
1689	Year-Round Residence	Non-Participating	315365.02	324383.19	0:00	0	0:00	0
1690	Year-Round Residence	Non-Participating	315412.98	324432.32	0:00	0	0:00	0
1691	Year-Round Residence	Non-Participating	315430.45	324375.28	0:00	0	0:00	0
1692	Year-Round Residence	Non-Participating	315460.78	324293.40	0:00	0	0:00	0
1693	Year-Round Residence	Non-Participating	315594.13	324295.05	0:00	0	0:00	0
1694	Year-Round Residence	Non-Participating	315602.89	324343.27	0:00	0	0:00	0
1695	Year-Round Residence	Non-Participating	315617.48	324293.47	0:00	0	0:00	0
1696	Year-Round Residence	Non-Participating	315624.16	324341.98	0:00	0	0:00	0
1697	Year-Round Residence	Non-Participating	315639.59	324270.81	0:00	0	0:00	0
1698	Year-Round Residence	Non-Participating	315651.04	324335.41	0:00	0	0:00	0
1699	Year-Round Residence	Non-Participating	315679.52	324274.01	0:00	0	0:00	0
1700	Year-Round Residence	Non-Participating	315709.83	324328.35	0:00	0	0:00	0
1701	Year-Round Residence	Non-Participating	315704.39	324277.34	0:00	0	0:00	0
1702	Year-Round Residence	Non-Participating	315746.02	324333.13	0:00	0	0:00	0
1703	Year-Round Residence	Non-Participating	315802.29	324325.21	0:00	0	0:00	0
1704	Year-Round Residence	Non-Participating	315813.57	324262.76	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1705	Year-Round Residence	Non-Participating	315851.74	324236.03	0:00	0	0:00	0
1706	Year-Round Residence	Non-Participating	315850.02	324211.78	0:00	0	0:00	0
1707	Year-Round Residence	Non-Participating	315849.02	324162.25	0:00	0	0:00	0
1708	Year-Round Residence	Non-Participating	315896.66	324190.67	0:00	0	0:00	0
1709	Year-Round Residence	Non-Participating	315931.58	324232.39	0:00	0	0:00	0
1710	Year-Round Residence	Non-Participating	315896.38	324171.16	0:00	0	0:00	0
1711	Year-Round Residence	Non-Participating	315862.45	324072.91	0:00	0	0:00	0
1712	Year-Round Residence	Non-Participating	315944.78	324059.31	0:00	0	0:00	0
1713	Year-Round Residence	Non-Participating	315860.19	324026.74	0:00	0	0:00	0
1714	Year-Round Residence	Non-Participating	315862.60	323992.89	0:00	0	0:00	0
1715	Year-Round Residence	Non-Participating	315542.78	323513.41	0:00	0	0:00	0
1716	Year-Round Residence	Non-Participating	315597.57	323431.12	0:00	0	0:00	0
1717	Year-Round Residence	Non-Participating	315670.27	323093.86	0:00	0	0:00	0
1718	Year-Round Residence	Non-Participating	315648.80	322945.60	0:00	0	0:00	0
1721	Year-Round Residence	Non-Participating	315775.27	325591.65	0:00	0	0:00	0
1723	Year-Round Residence	Non-Participating	315732.06	325525.52	0:00	0	0:00	0
1724	Year-Round Residence	Non-Participating	315878.92	325483.58	0:00	0	0:00	0
1725	Year-Round Residence	Non-Participating	315868.39	325417.13	0:00	0	0:00	0
1726	Year-Round Residence	Non-Participating	316130.17	325410.50	0:00	0	0:00	0
1727	Year-Round Residence	Non-Participating	315766.50	325318.78	0:00	0	0:00	0
1728	Year-Round Residence	Non-Participating	315806.40	325181.06	0:00	0	0:00	0
1729	Year-Round Residence	Non-Participating	315801.94	325131.88	0:00	0	0:00	0
1730	Year-Round Residence	Non-Participating	315806.15	325041.39	0:00	0	0:00	0
1731	Year-Round Residence	Non-Participating	315815.19	324943.54	0:00	0	0:00	0
1732	Year-Round Residence	Non-Participating	315815.20	324887.91	0:00	0	0:00	0
1733	Year-Round Residence	Non-Participating	315818.34	324846.31	0:00	0	0:00	0
1734	Year-Round Residence	Non-Participating	315887.03	324845.91	0:00	0	0:00	0
1735	Year-Round Residence	Non-Participating	315816.10	324807.31	0:00	0	0:00	0
1736	Year-Round Residence	Non-Participating	315816.17	324755.78	0:00	0	0:00	0
1737	Year-Round Residence	Non-Participating	315732.55	324738.14	0:00	0	0:00	0
1738	Year-Round Residence	Non-Participating	315877.87	324609.12	0:00	0	0:00	0
1739	Year-Round Residence	Non-Participating	315829.44	324568.36	0:00	0	0:00	0
1740	Year-Round Residence	Non-Participating	315883.82	324450.97	0:00	0	0:00	0
1741	Year-Round Residence	Non-Participating	315841.58	324436.57	0:00	0	0:00	0
1742	Year-Round Residence	Non-Participating	315880.49	324429.32	0:00	0	0:00	0
1743	Year-Round Residence	Non-Participating	315883.13	324408.14	0:00	0	0:00	0
1744	Year-Round Residence	Non-Participating	315841.59	324410.78	0:00	0	0:00	0
1745	Year-Round Residence	Non-Participating	315831.70	324373.16	0:00	0	0:00	0
1746	Year-Round Residence	Non-Participating	315887.61	324312.05	0:00	0	0:00	0
1747	Year-Round Residence	Non-Participating	315964.98	324306.54	0:00	0	0:00	0
1748	Year-Round Residence	Non-Participating	315960.73	324246.22	0:00	0	0:00	0
1749	Year-Round Residence	Non-Participating	315984.47	324243.16	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1750	Year-Round Residence	Non-Participating	316038.02	324236.70	0:00	0	0:00	0
1751	Year-Round Residence	Non-Participating	316043.00	324292.09	0:00	0	0:00	0
1752	Year-Round Residence	Non-Participating	316139.25	324272.01	0:00	0	0:00	0
1753	Year-Round Residence	Non-Participating	316124.18	324229.69	0:00	0	0:00	0
1754	Year-Round Residence	Non-Participating	316187.32	324280.52	0:00	0	0:00	0
1755	Year-Round Residence	Non-Participating	316379.75	324191.19	0:00	0	0:00	0
1756	Year-Round Residence	Non-Participating	316467.11	323971.00	0:00	0	0:00	0
1757	Year-Round Residence	Non-Participating	316575.48	324073.23	0:00	0	0:00	0
1758	Year-Round Residence	Non-Participating	316481.54	324164.10	0:00	0	0:00	0
1759	Year-Round Residence	Non-Participating	316426.56	324236.13	0:00	0	0:00	0
1760	Year-Round Residence	Non-Participating	316521.21	324219.68	0:00	0	0:00	0
1761	Year-Round Residence	Non-Participating	316644.90	324125.81	0:00	0	0:00	0
1762	Year-Round Residence	Non-Participating	316695.66	324182.45	0:00	0	0:00	0
1763	Year-Round Residence	Non-Participating	316723.51	324188.42	0:00	0	0:00	0
1764	Year-Round Residence	Non-Participating	316735.46	324071.49	0:00	0	0:00	0
1765	Year-Round Residence	Non-Participating	316796.47	324237.77	0:00	0	0:00	0
1766	Year-Round Residence	Non-Participating	316802.81	324064.25	0:00	0	0:00	0
1767	Year-Round Residence	Non-Participating	316863.12	324051.23	0:00	0	0:00	0
1768	Year-Round Residence	Non-Participating	317068.03	324050.95	0:00	0	0:00	0
1769	Year-Round Residence	Non-Participating	317430.63	323823.33	0:00	0	0:00	0
1770	Year-Round Residence	Non-Participating	317481.48	323770.75	0:00	0	0:00	0
1771	Year-Round Residence	Non-Participating	317546.74	323741.33	0:00	0	0:00	0
1772	Year-Round Residence	Non-Participating	317423.91	323571.88	0:00	0	0:00	0
1773	Year-Round Residence	Non-Participating	317330.81	323415.30	0:00	0	0:00	0
1774	Year-Round Residence	Non-Participating	317452.97	323385.73	0:00	0	0:00	0
1775	Year-Round Residence	Non-Participating	317498.61	323340.29	0:00	0	0:00	0
1776	Year-Round Residence	Non-Participating	317161.34	323168.95	0:00	0	0:00	0
1777	Year-Round Residence	Non-Participating	317050.07	322725.86	0:00	0	0:00	0
1778	Year-Round Residence	Non-Participating	317085.10	322808.85	0:00	0	0:00	0
1779	Year-Round Residence	Non-Participating	317705.39	322930.77	0:00	0	0:00	0
1780	Year-Round Residence	Non-Participating	317563.90	323943.84	0:00	0	0:00	0
1781	Year-Round Residence	Non-Participating	317636.47	324013.37	0:00	0	0:00	0
1782	Year-Round Residence	Non-Participating	317567.50	324213.55	0:00	0	0:00	0
1783	Year-Round Residence	Non-Participating	317491.75	324283.34	0:00	0	0:00	0
1784	Year-Round Residence	Non-Participating	317566.48	324309.98	0:00	0	0:00	0
1785	Year-Round Residence	Non-Participating	317615.75	324324.93	0:00	0	0:00	0
1786	Year-Round Residence	Non-Participating	317489.01	324433.14	0:00	0	0:00	0
1787	Year-Round Residence	Non-Participating	317580.75	324448.55	0:00	0	0:00	0
1788	Year-Round Residence	Non-Participating	317472.80	324504.39	0:00	0	0:00	0
1789	Year-Round Residence	Non-Participating	317435.62	324578.73	0:00	0	0:00	0
1790	Year-Round Residence	Non-Participating	317449.82	324652.68	0:00	0	0:00	0
1791	Year-Round Residence	Non-Participating	317220.56	324832.36	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1792	Year-Round Residence	Non-Participating	317425.28	324868.07	0:00	0	0:00	0
1793	Year-Round Residence	Non-Participating	317494.76	324875.37	0:00	0	0:00	0
1794	Year-Round Residence	Non-Participating	317612.39	324867.71	0:00	0	0:00	0
1795	Year-Round Residence	Non-Participating	317751.18	324556.64	0:00	0	0:00	0
1796	Year-Round Residence	Non-Participating	317938.00	324557.86	0:00	0	0:00	0
1797	Year-Round Residence	Non-Participating	318102.24	324824.90	0:00	0	0:00	0
1799	Year-Round Residence	Non-Participating	318267.87	324872.93	0:00	0	0:00	0
1800	Year-Round Residence	Non-Participating	318275.94	324464.32	0:00	0	0:00	0
1801	Year-Round Residence	Non-Participating	318377.05	324160.62	0:00	0	0:00	0
1802	Year-Round Residence	Non-Participating	318371.58	323909.72	0:00	0	0:00	0
1803	Year-Round Residence	Non-Participating	318280.25	323845.92	0:00	0	0:00	0
1804	Year-Round Residence	Non-Participating	318267.28	325124.24	0:00	0	0:00	0
1805	Year-Round Residence	Non-Participating	318215.04	325331.36	0:00	0	0:00	0
1806	Year-Round Residence	Non-Participating	318176.05	325484.16	0:00	0	0:00	0
1807	Year-Round Residence	Non-Participating	318175.38	325566.65	0:00	0	0:00	0
1808	Year-Round Residence	Non-Participating	318167.38	325617.34	0:00	0	0:00	0
1919	Year-Round Residence	Non-Participating	320852.22	329384.76	0:00	0	0:00	0
1920	Year-Round Residence	Non-Participating	321019.26	329364.73	0:00	0	0:00	0
1921	Year-Round Residence	Non-Participating	320693.38	329797.81	0:00	0	0:00	0
1922	Year-Round Residence	Non-Participating	320840.02	330064.80	0:00	0	0:00	0
1925	Year-Round Residence	Non-Participating	320502.63	330995.88	0:00	0	0:00	0
1926	Year-Round Residence	Non-Participating	320494.89	331070.28	0:00	0	0:00	0
1927	Year-Round Residence	Non-Participating	320546.04	331069.27	0:00	0	0:00	0
1928	Year-Round Residence	Non-Participating	320656.68	331134.13	0:00	0	0:00	0
1929	Year-Round Residence	Non-Participating	320751.78	331120.19	0:00	0	0:00	0
1930	Year-Round Residence	Non-Participating	320742.55	331178.41	0:00	0	0:00	0
1931	Year-Round Residence	Non-Participating	320738.64	331254.87	0:00	0	0:00	0
1932	Year-Round Residence	Non-Participating	320557.17	331310.52	0:00	0	0:00	0
1933	Year-Round Residence	Non-Participating	320622.74	331391.87	0:00	0	0:00	0
1934	Year-Round Residence	Non-Participating	320505.64	331353.62	0:00	0	0:00	0
1935	Year-Round Residence	Non-Participating	320246.45	331424.44	0:00	0	0:00	0
1936	Year-Round Residence	Non-Participating	320299.96	331389.93	0:00	0	0:00	0
1937	Year-Round Residence	Non-Participating	320362.01	331252.76	0:00	0	0:00	0
1938	Year-Round Residence	Non-Participating	320389.31	331187.74	0:00	0	0:00	0
1939	Year-Round Residence	Non-Participating	320409.70	331132.71	0:00	0	0:00	0
1940	Year-Round Residence	Non-Participating	320100.52	331425.22	0:00	0	0:00	0
1941	Year-Round Residence	Non-Participating	319967.59	331517.94	0:00	0	0:00	0
1942	Year-Round Residence	Non-Participating	319870.45	331486.22	0:00	0	0:00	0
1944	Year-Round Residence	Non-Participating	319771.45	331408.73	0:00	0	0:00	0
1945	Year-Round Residence	Non-Participating	319777.39	331483.12	0:00	0	0:00	0
1946	Year-Round Residence	Non-Participating	319627.52	331504.82	0:00	0	0:00	0
1947	Year-Round Residence	Non-Participating	319467.80	331448.89	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1948	Year-Round Residence	Non-Participating	319223.49	331298.24	0:00	0	0:00	0
1949	Year-Round Residence	Non-Participating	319301.31	331553.68	0:00	0	0:00	0
1950	Year-Round Residence	Non-Participating	319124.00	331598.92	0:00	0	0:00	0
1952	Year-Round Residence	Non-Participating	320322.13	331755.08	0:00	0	0:00	0
1953	Year-Round Residence	Non-Participating	320234.27	331758.22	0:00	0	0:00	0
1954	Year-Round Residence	Non-Participating	320290.86	331793.82	0:00	0	0:00	0
1955	Year-Round Residence	Non-Participating	320260.54	331835.74	0:00	0	0:00	0
1956	Year-Round Residence	Non-Participating	320182.78	332025.79	0:00	0	0:00	0
1957	Year-Round Residence	Non-Participating	320087.46	331982.84	0:00	0	0:00	0
1958	Year-Round Residence	Non-Participating	319939.94	332260.59	0:00	0	0:00	0
1959	Year-Round Residence	Non-Participating	319955.83	332445.74	0:00	0	0:00	0
1960	Year-Round Residence	Non-Participating	319943.67	332519.92	0:00	0	0:00	0
1961	Year-Round Residence	Non-Participating	319917.99	332725.64	0:00	0	0:00	0
1962	Year-Round Residence	Non-Participating	319680.28	332955.45	0:00	0	0:00	0
1963	Year-Round Residence	Non-Participating	319808.54	333039.04	0:00	0	0:00	0
1964	Year-Round Residence	Non-Participating	319754.04	333233.44	0:00	0	0:00	0
1965	Year-Round Residence	Non-Participating	321044.74	331018.96	0:00	0	0:00	0
1966	Year-Round Residence	Non-Participating	321110.27	330698.26	0:00	0	0:00	0
1967	Year-Round Residence	Non-Participating	321062.15	329291.96	0:00	0	0:00	0
1968	Year-Round Residence	Non-Participating	321604.79	329490.49	0:00	0	0:00	0
1969	Year-Round Residence	Non-Participating	321991.65	329235.55	0:00	0	0:00	0
1970	Year-Round Residence	Non-Participating	322095.64	329270.80	0:00	0	0:00	0
1971	Year-Round Residence	Non-Participating	322345.93	329324.04	0:00	0	0:00	0
1973	Year-Round Residence	Non-Participating	323140.55	329331.31	0:00	0	0:00	0
1974	Year-Round Residence	Non-Participating	322337.86	330609.00	0:00	0	0:00	0
1975	Year-Round Residence	Non-Participating	322438.15	330529.46	0:00	0	0:00	0
1976	Year-Round Residence	Non-Participating	322830.42	330295.43	0:00	0	0:00	0
1977	Year-Round Residence	Non-Participating	322911.46	330240.03	0:00	0	0:00	0
1978	Year-Round Residence	Non-Participating	322402.91	331347.48	0:00	0	0:00	0
1979	Year-Round Residence	Non-Participating	322646.48	330806.88	0:00	0	0:00	0
1980	Year-Round Residence	Non-Participating	322971.22	330121.00	0:00	0	0:00	0
1981	Year-Round Residence	Non-Participating	322990.60	330073.44	0:00	0	0:00	0
1982	Year-Round Residence	Non-Participating	323046.33	330107.88	0:00	0	0:00	0
1983	Year-Round Residence	Non-Participating	323013.22	330038.99	0:00	0	0:00	0
1984	Year-Round Residence	Non-Participating	323089.43	330007.66	0:00	0	0:00	0
1985	Year-Round Residence	Non-Participating	323038.98	329893.28	0:00	0	0:00	0
1986	Year-Round Residence	Non-Participating	323048.63	329831.63	0:00	0	0:00	0
1988	Year-Round Residence	Non-Participating	323044.55	329788.37	0:00	0	0:00	0
1989	Year-Round Residence	Non-Participating	323098.51	329777.92	0:00	0	0:00	0
1990	Year-Round Residence	Non-Participating	323098.81	329800.61	0:00	0	0:00	0
1991	Year-Round Residence	Non-Participating	323098.93	329757.70	0:00	0	0:00	0
1992	Year-Round Residence	Non-Participating	323098.62	329734.54	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1993	Year-Round Residence	Non-Participating	323057.16	329698.73	0:00	0	0:00	0
1994	Year-Round Residence	Non-Participating	323097.45	329706.61	0:00	0	0:00	0
1995	Year-Round Residence	Non-Participating	323061.52	329676.64	0:00	0	0:00	0
1996	Year-Round Residence	Non-Participating	323001.07	329692.19	0:00	0	0:00	0
1997	Year-Round Residence	Non-Participating	323168.84	329641.36	0:00	0	0:00	0
1998	Year-Round Residence	Non-Participating	323204.77	329680.98	0:00	0	0:00	0
1999	Year-Round Residence	Non-Participating	323285.01	329649.34	0:00	0	0:00	0
2000	Year-Round Residence	Non-Participating	323343.99	329646.16	0:00	0	0:00	0
2001	Year-Round Residence	Non-Participating	323446.26	329798.06	0:00	0	0:00	0
2002	Year-Round Residence	Non-Participating	323436.28	329699.95	0:00	0	0:00	0
2003	Year-Round Residence	Non-Participating	323520.97	329667.54	0:00	0	0:00	0
2004	Year-Round Residence	Non-Participating	323551.24	329660.41	0:00	0	0:00	0
2005	Year-Round Residence	Non-Participating	323552.56	329729.38	0:00	0	0:00	0
2006	Year-Round Residence	Non-Participating	323661.47	329732.64	0:00	0	0:00	0
2007	Year-Round Residence	Non-Participating	323541.12	329747.38	0:00	0	0:00	0
2008	Year-Round Residence	Non-Participating	323502.81	329730.28	0:00	0	0:00	0
2009	Year-Round Residence	Non-Participating	323489.94	329752.11	0:00	0	0:00	0
2010	Year-Round Residence	Non-Participating	323478.29	329763.67	0:00	0	0:00	0
2011	Year-Round Residence	Non-Participating	323521.54	329793.36	0:00	0	0:00	0
2012	Year-Round Residence	Non-Participating	323480.35	329837.11	0:00	0	0:00	0
2013	Year-Round Residence	Non-Participating	323429.46	329815.68	0:00	0	0:00	0
2014	Year-Round Residence	Non-Participating	323471.50	329852.79	0:00	0	0:00	0
2015	Year-Round Residence	Non-Participating	323455.62	329869.03	0:00	0	0:00	0
2016	Year-Round Residence	Non-Participating	323388.92	329877.26	0:00	0	0:00	0
2018	Year-Round Residence	Non-Participating	323327.39	329873.39	0:00	0	0:00	0
2019	Year-Round Residence	Non-Participating	323305.54	329869.32	0:00	0	0:00	0
2020	Year-Round Residence	Non-Participating	323271.91	329862.88	0:00	0	0:00	0
2021	Year-Round Residence	Non-Participating	323235.82	329860.65	0:00	0	0:00	0
2022	Year-Round Residence	Non-Participating	323212.27	329863.13	0:00	0	0:00	0
2023	Year-Round Residence	Non-Participating	323188.25	329861.84	0:00	0	0:00	0
2024	Year-Round Residence	Non-Participating	323169.33	329859.30	0:00	0	0:00	0
2026	Year-Round Residence	Non-Participating	323129.00	329851.50	0:00	0	0:00	0
2027	Year-Round Residence	Non-Participating	323195.85	330142.86	0:00	0	0:00	0
2028	Year-Round Residence	Non-Participating	323192.23	329944.48	0:00	0	0:00	0
2029	Year-Round Residence	Non-Participating	323250.42	329945.42	0:00	0	0:00	0
2030	Year-Round Residence	Non-Participating	323361.84	329958.33	0:00	0	0:00	0
2031	Year-Round Residence	Non-Participating	323377.10	329960.54	0:00	0	0:00	0
2032	Year-Round Residence	Non-Participating	323423.11	329981.99	0:00	0	0:00	0
2033	Year-Round Residence	Non-Participating	323450.27	329972.73	0:00	0	0:00	0
2034	Year-Round Residence	Non-Participating	323448.22	330009.65	0:00	0	0:00	0
2036	Year-Round Residence	Non-Participating	323461.82	330091.10	0:00	0	0:00	0
2037	Year-Round Residence	Non-Participating	323514.46	330105.31	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2038	Year-Round Residence	Non-Participating	323840.31	330051.41	0:00	0	0:00	0
2039	Year-Round Residence	Non-Participating	323976.39	329712.62	0:00	0	0:00	0
2040	Year-Round Residence	Non-Participating	324094.69	329705.97	0:00	0	0:00	0
2041	Year-Round Residence	Non-Participating	324508.72	329582.97	0:00	0	0:00	0
2042	Year-Round Residence	Non-Participating	325662.81	328685.59	0:00	0	0:00	0
2043	Year-Round Residence	Non-Participating	325637.47	328582.74	0:00	0	0:00	0
2044	Year-Round Residence	Non-Participating	323606.55	329565.65	0:00	0	0:00	0
2045	Year-Round Residence	Non-Participating	323750.82	329486.04	0:00	0	0:00	0
2046	Year-Round Residence	Non-Participating	323785.51	329427.18	0:00	0	0:00	0
2047	Year-Round Residence	Non-Participating	323726.91	329400.83	0:00	0	0:00	0
2048	Year-Round Residence	Non-Participating	323854.12	329321.57	0:00	0	0:00	0
2049	Year-Round Residence	Non-Participating	323930.17	329231.44	0:00	0	0:00	0
2050	Year-Round Residence	Non-Participating	324042.19	328949.93	0:00	0	0:00	0
2051	Year-Round Residence	Non-Participating	324169.58	328941.98	0:00	0	0:00	0
2052	Year-Round Residence	Non-Participating	324146.40	328860.65	0:00	0	0:00	0
2053	Year-Round Residence	Non-Participating	324682.51	328443.76	0:00	0	0:00	0
2054	Year-Round Residence	Non-Participating	324061.24	328138.99	0:00	0	0:00	0
2055	Year-Round Residence	Non-Participating	323948.76	328147.07	0:00	0	0:00	0
2056	Year-Round Residence	Non-Participating	323899.57	328071.17	0:00	0	0:00	0
2057	Year-Round Residence	Non-Participating	323839.41	328147.27	0:00	0	0:00	0
2058	Year-Round Residence	Non-Participating	323658.96	328113.73	0:00	0	0:00	0
2059	Year-Round Residence	Non-Participating	323694.86	328049.76	0:00	0	0:00	0
2060	Year-Round Residence	Non-Participating	323584.06	327984.86	0:00	0	0:00	0
2061	Year-Round Residence	Non-Participating	323457.51	328049.05	0:00	0	0:00	0
2062	Year-Round Residence	Non-Participating	323401.85	328034.31	0:00	0	0:00	0
2063	Year-Round Residence	Non-Participating	323383.12	328259.19	0:00	0	0:00	0
2064	Year-Round Residence	Non-Participating	323407.67	328178.71	0:00	0	0:00	0
2065	Year-Round Residence	Non-Participating	323334.22	328172.95	0:00	0	0:00	0
2066	Year-Round Residence	Non-Participating	323255.59	328317.30	0:00	0	0:00	0
2067	Year-Round Residence	Non-Participating	323367.72	328105.58	0:00	0	0:00	0
2068	Year-Round Residence	Non-Participating	323348.86	328314.75	0:00	0	0:00	0
2069	Year-Round Residence	Non-Participating	323365.81	328452.78	0:00	0	0:00	0
2071	Year-Round Residence	Non-Participating	323074.41	328800.53	0:00	0	0:00	0
2072	Year-Round Residence	Non-Participating	323018.19	329333.57	0:00	0	0:00	0
2073	Year-Round Residence	Non-Participating	323126.84	328452.34	0:00	0	0:00	0
2074	Year-Round Residence	Non-Participating	323083.97	328367.94	0:00	0	0:00	0
2075	Year-Round Residence	Non-Participating	322991.47	328245.18	0:00	0	0:00	0
2076	Year-Round Residence	Non-Participating	322768.02	328103.89	0:00	0	0:00	0
2087	Year-Round Residence	Non-Participating	320969.30	328928.06	0:00	0	0:00	0
2088	Year-Round Residence	Non-Participating	320913.27	328673.84	0:00	0	0:00	0
2089	Year-Round Residence	Non-Participating	320917.43	328713.54	0:00	0	0:00	0
2090	Year-Round Residence	Non-Participating	321018.22	328480.66	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2092	Year-Round Residence	Non-Participating	320863.84	327734.75	0:00	0	0:00	0
2099	Year-Round Residence	Non-Participating	321845.99	327638.43	0:00	0	0:00	0
2100	Year-Round Residence	Non-Participating	321663.33	327576.76	0:00	0	0:00	0
2101	Year-Round Residence	Non-Participating	321949.54	327582.40	0:00	0	0:00	0
2117	Year-Round Residence	Non-Participating	321494.75	325447.42	0:00	0	0:00	0
2118	Year-Round Residence	Non-Participating	322261.33	325265.68	0:00	0	0:00	0
2121	Year-Round Residence	Non-Participating	320235.73	325197.65	0:00	0	0:00	0
2122	Year-Round Residence	Non-Participating	320001.27	325159.85	0:00	0	0:00	0
2124	Year-Round Residence	Non-Participating	319855.37	324982.19	0:00	0	0:00	0
2125	Year-Round Residence	Non-Participating	319793.27	325065.57	0:00	0	0:00	0
2126	Year-Round Residence	Non-Participating	319599.34	324648.18	0:00	0	0:00	0
2127	Year-Round Residence	Non-Participating	319354.71	325044.13	0:00	0	0:00	0
2128	Year-Round Residence	Non-Participating	319139.67	325009.96	0:00	0	0:00	0
2129	Year-Round Residence	Non-Participating	319033.08	325020.70	0:00	0	0:00	0
2130	Year-Round Residence	Non-Participating	318739.64	325178.02	0:00	0	0:00	0
2131	Year-Round Residence	Non-Participating	318427.18	323649.23	0:00	0	0:00	0
2132	Year-Round Residence	Non-Participating	318538.37	323819.18	0:00	0	0:00	0
2133	Year-Round Residence	Non-Participating	319953.76	323718.65	0:00	0	0:00	0
2134	Year-Round Residence	Non-Participating	320119.88	323794.81	0:00	0	0:00	0
2135	Year-Round Residence	Non-Participating	320487.89	323811.67	0:00	0	0:00	0
2136	Year-Round Residence	Non-Participating	320499.59	323707.41	0:00	0	0:00	0
2138	Year-Round Residence	Non-Participating	320634.31	323597.91	0:00	0	0:00	0
2140	Year-Round Residence	Non-Participating	320714.19	323721.22	0:00	0	0:00	0
2142	Year-Round Residence	Non-Participating	320951.10	323740.62	0:00	0	0:00	0
2143	Year-Round Residence	Non-Participating	321128.20	323846.61	0:00	0	0:00	0
2144	Year-Round Residence	Non-Participating	321236.64	323755.62	0:00	0	0:00	0
2150	Year-Round Residence	Non-Participating	318961.48	322595.58	0:00	0	0:00	0
2151	Year-Round Residence	Non-Participating	319107.37	322596.03	0:00	0	0:00	0
2152	Year-Round Residence	Non-Participating	319131.72	322744.88	0:00	0	0:00	0
2153	Year-Round Residence	Non-Participating	319431.50	322697.62	0:00	0	0:00	0
2154	Year-Round Residence	Non-Participating	319500.43	322629.84	0:00	0	0:00	0
2155	Year-Round Residence	Non-Participating	319492.20	322508.22	0:00	0	0:00	0
2156	Year-Round Residence	Non-Participating	319675.98	322626.26	0:00	0	0:00	0
2157	Year-Round Residence	Non-Participating	319723.26	322575.18	0:00	0	0:00	0
2158	Year-Round Residence	Non-Participating	319862.71	322633.13	0:00	0	0:00	0
2159	Year-Round Residence	Non-Participating	320013.02	322705.20	0:00	0	0:00	0
2160	Year-Round Residence	Non-Participating	320133.34	322561.27	0:00	0	0:00	0
2161	Year-Round Residence	Non-Participating	320108.93	322456.92	0:00	0	0:00	0
2162	Year-Round Residence	Non-Participating	320278.12	322230.53	0:00	0	0:00	0
2163	Year-Round Residence	Non-Participating	320072.06	322107.50	0:00	0	0:00	0
2164	Year-Round Residence	Non-Participating	320128.77	321873.81	0:00	0	0:00	0
2165	Year-Round Residence	Non-Participating	320198.12	321872.89	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2166	Year-Round Residence	Non-Participating	320646.36	322406.37	0:00	0	0:00	0
2167	Year-Round Residence	Non-Participating	320688.55	322405.73	0:00	0	0:00	0
2168	Year-Round Residence	Non-Participating	320865.18	322476.96	0:00	0	0:00	0
2169	Year-Round Residence	Non-Participating	320871.34	322333.98	0:00	0	0:00	0
2170	Year-Round Residence	Non-Participating	321008.19	322520.21	0:00	0	0:00	0
2171	Year-Round Residence	Non-Participating	321036.45	322623.33	0:00	0	0:00	0
2172	Year-Round Residence	Non-Participating	321196.77	322674.85	0:00	0	0:00	0
2173	Year-Round Residence	Non-Participating	321332.24	323205.30	0:00	0	0:00	0
2174	Year-Round Residence	Non-Participating	321273.03	323611.33	0:00	0	0:00	0
2175	Year-Round Residence	Non-Participating	321330.49	323663.55	0:00	0	0:00	0
2176	Year-Round Residence	Non-Participating	321266.37	323695.12	0:00	0	0:00	0
2177	Year-Round Residence	Non-Participating	321332.01	323690.66	0:00	0	0:00	0
2178	Year-Round Residence	Non-Participating	321326.62	323721.44	0:00	0	0:00	0
2179	Year-Round Residence	Non-Participating	321331.28	323755.26	0:00	0	0:00	0
2180	Year-Round Residence	Non-Participating	321392.43	323805.81	0:00	0	0:00	0
2181	Year-Round Residence	Non-Participating	321457.24	323895.86	0:00	0	0:00	0
2182	Year-Round Residence	Non-Participating	321481.47	323815.21	0:00	0	0:00	0
2183	Year-Round Residence	Non-Participating	321550.16	323819.68	0:00	0	0:00	0
2191	Year-Round Residence	Non-Participating	322306.56	322793.17	0:00	0	0:00	0
2192	Year-Round Residence	Non-Participating	321645.38	322762.48	0:00	0	0:00	0
2193	Year-Round Residence	Non-Participating	321506.29	322752.90	0:00	0	0:00	0
2194	Year-Round Residence	Non-Participating	321399.49	322715.29	0:00	0	0:00	0
2195	Year-Round Residence	Non-Participating	321428.38	322675.44	0:00	0	0:00	0
2196	Year-Round Residence	Non-Participating	322414.03	321457.55	0:00	0	0:00	0
2197	Year-Round Residence	Non-Participating	322337.39	321291.48	0:00	0	0:00	0
2198	Year-Round Residence	Non-Participating	322350.12	321149.07	0:00	0	0:00	0
2199	Year-Round Residence	Non-Participating	322375.72	320848.19	0:00	0	0:00	0
2200	Year-Round Residence	Non-Participating	322499.02	320616.23	0:00	0	0:00	0
2201	Year-Round Residence	Non-Participating	322801.07	320586.67	0:00	0	0:00	0
2202	Year-Round Residence	Non-Participating	323045.34	320704.79	0:00	0	0:00	0
2203	Year-Round Residence	Non-Participating	323233.08	320282.05	0:00	0	0:00	0
2204	Year-Round Residence	Non-Participating	323624.44	320853.85	0:00	0	0:00	0
2210	Year-Round Residence	Non-Participating	322830.49	320670.86	0:00	0	0:00	0
2272	Year-Round Residence	Non-Participating	322393.92	321271.49	0:00	0	0:00	0
2273	Seasonal Residence	Non-Participating	323228.81	320305.64	0:00	0	0:00	0
2278	Year-Round Residence	Non-Participating	322400.69	321167.43	0:00	0	0:00	0
2282	Year-Round Residence	Non-Participating	315427.17	323244.21	0:00	0	0:00	0
2285	Year-Round Residence	Non-Participating	321281.75	323344.86	0:00	0	0:00	0
2288	Year-Round Residence	Non-Participating	317714.28	323769.99	0:00	0	0:00	0
2289	Year-Round Residence	Non-Participating	315802.63	325088.17	0:00	0	0:00	0
2290	Year-Round Residence	Non-Participating	316680.98	324109.55	0:00	0	0:00	0
2294	Year-Round Residence	Non-Participating	320793.90	328512.24	0:00	0	0:00	0

Table B-2.b: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2298	Year-Round Residence	Non-Participating	323840.75	329758.79	0:00	0	0:00	0
2301	Year-Round Residence	Non-Participating	319061.13	333208.12	0:00	0	0:00	0
2302	Year-Round Residence	Non-Participating	317634.41	333444.75	0:00	0	0:00	0
2304	Year-Round Residence	Non-Participating	316723.50	330023.82	0:00	0	0:00	0
2306	Year-Round Residence	Non-Participating	313880.70	327015.38	0:00	0	0:00	0
2307	Year-Round Residence	Non-Participating	315008.18	329053.93	0:00	0	0:00	0
2308	Year-Round Residence	Non-Participating	315007.78	330770.16	0:00	0	0:00	0
2310	Year-Round Residence	Non-Participating	313500.02	328731.95	0:00	0	0:00	0
2311	Year-Round Residence	Non-Participating	315619.09	332050.39	0:00	0	0:00	0
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Residential Receptors								
1173	Year-Round Residence	Non-Participating	326836.02	324708.98	217:57	87	55:46	3346
2324	Seasonal Residence	Non-Participating	316991.50	325358.05	0:00	0	0:00	0

Table B-2.c: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Residential and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0
544	Year-Round Residence	Participating	326831.48	323868.41	62:37	53	20:16	1216
545	Year-Round Residence	Participating	326855.50	324263.28	153:32	68	45:32	2732
546	Year-Round Residence	Participating	326883.46	324102.57	137:45	73	41:53	2513
547	Year-Round Residence	Participating	326777.70	324555.79	168:40	57	41:01	2461
548	Year-Round Residence	Participating	326766.01	324749.37	210:40	65	55:37	3337
549	Year-Round Residence	Participating	326755.83	324735.43	206:14	61	53:49	3229
550	Year-Round Residence	Participating	326770.44	324724.02	207:37	68	54:10	3250
551	Year-Round Residence	Participating	326697.33	324900.86	194:11	56	51:23	3083
686	Year-Round Residence	Participating	325607.20	325343.89	100:35	68	25:33	1533
702	Year-Round Residence	Participating	325039.86	323785.82	16:58	30	5:20	320
712	Year-Round Residence	Participating	323101.19	324947.77	55:07	49	14:52	892
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0
1157	Year-Round Residence	Participating	323592.20	324735.64	53:54	56	13:52	832
1823	Year-Round Residence	Participating	317745.17	327442.97	9:00	24	2:21	141
1824	Year-Round Residence	Participating	317623.65	327332.85	12:12	29	3:25	205
1839	Year-Round Residence	Participating	316654.10	326940.66	69:58	54	14:01	841
1869	Year-Round Residence	Participating	317522.17	329442.03	57:42	43	12:20	740
1873	Year-Round Residence	Participating	317744.53	327659.68	78:45	51	24:12	1452
1875	Year-Round Residence	Participating	317752.43	327876.06	104:55	52	31:58	1918
1900	Year-Round Residence	Participating	319959.47	327708.91	62:36	47	20:27	1227
2083	Year-Round Residence	Participating	322586.51	326741.39	97:36	92	24:02	1442
2102	Year-Round Residence	Participating	322634.87	326596.24	162:41	95	38:40	2320
2104	Year-Round Residence	Participating	321032.42	326750.48	82:47	41	22:26	1346
2107	Year-Round Residence	Participating	321471.59	326262.36	71:45	50	21:50	1310
2189	Year-Round Residence	Participating	322154.36	324200.45	10:28	25	2:24	144
Summary of Maximum and Minimum Shadow Flicker for Participating Residential Receptors								
548	Year-Round Residence	Participating	326766.01	324749.37	210:40	65	55:37	3337
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0

Table B-2.d: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Residential and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
548	Year-Round Residence	Participating	326766.01	324749.37	210:40	65	55:37	3337
550	Year-Round Residence	Participating	326770.44	324724.02	207:37	68	54:10	3250
549	Year-Round Residence	Participating	326755.83	324735.43	206:14	61	53:49	3229
551	Year-Round Residence	Participating	326697.33	324900.86	194:11	56	51:23	3083
545	Year-Round Residence	Participating	326855.50	324263.28	153:32	68	45:32	2732
546	Year-Round Residence	Participating	326883.46	324102.57	137:45	73	41:53	2513
547	Year-Round Residence	Participating	326777.70	324555.79	168:40	57	41:01	2461
2102	Year-Round Residence	Participating	322634.87	326596.24	162:41	95	38:40	2320
1875	Year-Round Residence	Participating	317752.43	327876.06	104:55	52	31:58	1918
686	Year-Round Residence	Participating	325607.20	325343.89	100:35	68	25:33	1533
1873	Year-Round Residence	Participating	317744.53	327659.68	78:45	51	24:12	1452
2083	Year-Round Residence	Participating	322586.51	326741.39	97:36	92	24:02	1442
2104	Year-Round Residence	Participating	321032.42	326750.48	82:47	41	22:26	1346
2107	Year-Round Residence	Participating	321471.59	326262.36	71:45	50	21:50	1310
1900	Year-Round Residence	Participating	319959.47	327708.91	62:36	47	20:27	1227
544	Year-Round Residence	Participating	326831.48	323868.41	62:37	53	20:16	1216
712	Year-Round Residence	Participating	323101.19	324947.77	55:07	49	14:52	892
1839	Year-Round Residence	Participating	316654.10	326940.66	69:58	54	14:01	841
1157	Year-Round Residence	Participating	323592.20	324735.64	53:54	56	13:52	832
1869	Year-Round Residence	Participating	317522.17	329442.03	57:42	43	12:20	740
702	Year-Round Residence	Participating	325039.86	323785.82	16:58	30	5:20	320
1824	Year-Round Residence	Participating	317623.65	327332.85	12:12	29	3:25	205
2189	Year-Round Residence	Participating	322154.36	324200.45	10:28	25	2:24	144
1823	Year-Round Residence	Participating	317745.17	327442.97	9:00	24	2:21	141
451	Year-Round Residence	Participating	323137.13	323442.79	0:00	0	0:00	0
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Residential Receptors								
548	Year-Round Residence	Participating	326766.01	324749.37	210:40	65	55:37	3337
1017	Year-Round Residence	Participating	323254.19	323300.38	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0
801	Commercial Structure	Non-Participating	326373.45	322347.58	0:00	0	0:00	0
802	Commercial Structure	Non-Participating	326414.50	322338.51	0:00	0	0:00	0
803	Commercial Structure	Non-Participating	326429.99	322351.13	0:00	0	0:00	0
804	Commercial Structure	Non-Participating	326404.21	322310.72	0:00	0	0:00	0
805	Commercial Structure	Non-Participating	326421.77	322309.42	0:00	0	0:00	0
806	Commercial Structure	Non-Participating	326603.40	321871.81	0:00	0	0:00	0
807	Commercial Structure	Non-Participating	326726.92	321087.38	0:00	0	0:00	0
808	Commercial Structure	Non-Participating	326549.53	321849.80	0:00	0	0:00	0
809	Commercial Structure	Non-Participating	326539.86	321806.30	0:00	0	0:00	0
810	Commercial Structure	Non-Participating	326557.31	321777.19	0:00	0	0:00	0
811	Commercial Structure	Non-Participating	326336.49	320585.70	0:00	0	0:00	0
812	Commercial Structure	Non-Participating	326399.55	320562.53	0:00	0	0:00	0
813	Commercial Structure	Non-Participating	326346.09	320492.51	0:00	0	0:00	0
814	Commercial Structure	Non-Participating	326327.27	320465.91	0:00	0	0:00	0
815	Commercial Structure	Non-Participating	326792.14	320579.84	0:00	0	0:00	0
816	Commercial Structure	Non-Participating	326754.32	320884.85	0:00	0	0:00	0
817	Commercial Structure	Non-Participating	326737.57	321059.58	0:00	0	0:00	0
818	Commercial Structure	Non-Participating	326798.96	321341.16	0:00	0	0:00	0
819	Commercial Structure	Non-Participating	326807.07	321302.28	0:00	0	0:00	0
820	Commercial Structure	Non-Participating	326702.66	321341.20	0:00	0	0:00	0
821	Commercial Structure	Non-Participating	326872.23	322301.65	0:00	0	0:00	0
822	Commercial Structure	Non-Participating	326744.62	322324.43	0:00	0	0:00	0
823	Commercial Structure	Non-Participating	326470.04	322337.65	0:00	0	0:00	0
824	Commercial Structure	Non-Participating	326613.12	322339.93	0:00	0	0:00	0
825	Commercial Structure	Non-Participating	326622.31	322339.94	0:00	0	0:00	0
826	Commercial Structure	Non-Participating	326524.80	322329.06	0:00	0	0:00	0
827	Commercial Structure	Non-Participating	326526.56	322316.82	0:00	0	0:00	0
828	Commercial Structure	Non-Participating	326507.70	322340.68	0:00	0	0:00	0
829	Commercial Structure	Non-Participating	326623.22	322406.58	0:00	0	0:00	0
830	Commercial Structure	Non-Participating	326662.83	322393.05	0:00	0	0:00	0
831	Commercial Structure	Non-Participating	326698.57	322407.78	0:00	0	0:00	0
832	Commercial Structure	Non-Participating	326705.84	322380.11	0:00	0	0:00	0
833	Commercial Structure	Non-Participating	326642.84	322336.01	0:00	0	0:00	0
834	Commercial Structure	Non-Participating	326653.78	322333.81	0:00	0	0:00	0
835	Commercial Structure	Non-Participating	326691.48	322334.94	0:00	0	0:00	0
836	Commercial Structure	Non-Participating	326727.81	322314.44	0:00	0	0:00	0
837	Commercial Structure	Non-Participating	326032.81	322513.18	0:00	0	0:00	0
838	Commercial Structure	Non-Participating	326145.81	322534.20	0:00	0	0:00	0
839	Commercial Structure	Non-Participating	326342.02	322416.46	0:00	0	0:00	0
840	Commercial Structure	Non-Participating	326350.14	322438.44	0:00	0	0:00	0
841	Commercial Structure	Non-Participating	326469.70	322441.45	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
842	Commercial Structure	Non-Participating	326376.45	322564.00	0:00	0	0:00	0
843	Commercial Structure	Non-Participating	325759.82	323322.37	0:00	0	0:00	0
844	Commercial Structure	Non-Participating	325740.19	323337.00	0:00	0	0:00	0
845	Commercial Structure	Non-Participating	326753.76	322380.97	0:00	0	0:00	0
846	Commercial Structure	Non-Participating	326842.61	322368.55	0:00	0	0:00	0
847	Commercial Structure	Non-Participating	326909.27	322383.24	0:00	0	0:00	0
848	Commercial Structure	Non-Participating	327096.33	323214.71	0:00	0	0:00	0
849	Commercial Structure	Non-Participating	326918.38	323142.80	0:00	0	0:00	0
850	Commercial Structure	Non-Participating	325668.01	322435.87	0:00	0	0:00	0
851	Commercial Structure	Non-Participating	325458.73	322571.29	0:00	0	0:00	0
852	Commercial Structure	Non-Participating	324850.73	322721.32	0:00	0	0:00	0
853	Commercial Structure	Non-Participating	329943.46	322692.19	0:00	0	0:00	0
854	Commercial Structure	Non-Participating	330223.72	324046.85	0:00	0	0:00	0
855	Commercial Structure	Non-Participating	330195.71	324002.07	0:00	0	0:00	0
856	Commercial Structure	Non-Participating	329907.28	325246.13	0:00	0	0:00	0
857	Commercial Structure	Non-Participating	329917.99	325197.62	0:00	0	0:00	0
858	Commercial Structure	Non-Participating	330577.78	324980.78	0:00	0	0:00	0
859	Commercial Structure	Non-Participating	328710.70	325353.49	11:41	26	2:51	171
860	Commercial Structure	Non-Participating	328756.72	325324.20	10:54	26	2:42	162
861	Commercial Structure	Non-Participating	328653.44	325408.38	12:44	27	3:00	180
862	Commercial Structure	Non-Participating	328675.56	325406.89	12:17	27	2:54	174
867	Commercial Structure	Non-Participating	327596.29	325488.73	26:46	48	3:45	225
868	Commercial Structure	Non-Participating	327979.96	326127.99	0:00	0	0:00	0
869	Commercial Structure	Non-Participating	328439.34	322877.77	0:00	0	0:00	0
870	Commercial Structure	Non-Participating	328882.40	327283.22	0:00	0	0:00	0
871	Commercial Structure	Non-Participating	328117.17	327710.65	0:00	0	0:00	0
872	Commercial Structure	Non-Participating	327896.27	327050.13	0:00	0	0:00	0
873	Commercial Structure	Non-Participating	327869.74	327131.21	0:00	0	0:00	0
874	Commercial Structure	Non-Participating	327840.67	326878.11	0:00	0	0:00	0
875	Commercial Structure	Non-Participating	327924.85	327031.61	0:00	0	0:00	0
876	Commercial Structure	Non-Participating	327824.72	327032.53	0:00	0	0:00	0
877	Commercial Structure	Non-Participating	327834.39	327014.23	0:00	0	0:00	0
879	Commercial Structure	Non-Participating	325821.88	326863.09	0:00	0	0:00	0
880	Commercial Structure	Non-Participating	325860.85	326827.94	0:00	0	0:00	0
881	Commercial Structure	Non-Participating	325203.08	326885.94	0:00	0	0:00	0
882	Commercial Structure	Non-Participating	325255.52	326965.72	0:00	0	0:00	0
883	Commercial Structure	Non-Participating	325194.43	326807.16	0:00	0	0:00	0
884	Commercial Structure	Non-Participating	325264.53	326847.48	0:00	0	0:00	0
885	Commercial Structure	Non-Participating	324639.52	328386.11	0:00	0	0:00	0
886	Commercial Structure	Non-Participating	324599.84	327424.06	12:28	25	2:14	134
887	Commercial Structure	Non-Participating	324647.98	327382.79	11:14	24	2:11	131
888	Commercial Structure	Non-Participating	324680.40	327408.17	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
889	Commercial Structure	Non-Participating	324684.55	327361.27	0:00	0	0:00	0
890	Commercial Structure	Non-Participating	324559.88	327442.96	13:42	25	2:22	142
895	Commercial Structure	Non-Participating	322899.49	326164.75	68:19	44	21:55	1315
896	Commercial Structure	Non-Participating	323108.08	325529.65	29:24	35	5:25	325
908	Commercial Structure	Non-Participating	326886.97	324041.92	77:33	53	23:25	1405
909	Commercial Structure	Non-Participating	328315.41	323063.47	0:00	0	0:00	0
963	Commercial Structure	Non-Participating	325967.74	322498.16	0:00	0	0:00	0
964	Commercial Structure	Non-Participating	325980.82	322484.18	0:00	0	0:00	0
1049	Commercial Structure	Non-Participating	328125.66	325163.84	57:50	48	13:15	795
1059	Commercial Structure	Non-Participating	326784.08	325417.44	71:50	45	15:33	933
1060	Commercial Structure	Non-Participating	326760.74	325408.08	69:35	44	15:27	927
1061	Commercial Structure	Non-Participating	326756.94	325438.92	71:26	43	15:14	914
1091	Commercial Structure	Non-Participating	326254.60	326996.09	0:00	0	0:00	0
1092	Commercial Structure	Non-Participating	326224.07	327002.47	0:00	0	0:00	0
1150	Commercial Structure	Non-Participating	328143.81	325119.83	66:33	47	15:04	904
1184	Commercial Structure	Non-Participating	313440.44	327280.88	0:00	0	0:00	0
1185	Commercial Structure	Non-Participating	313466.59	327293.46	0:00	0	0:00	0
1186	Commercial Structure	Non-Participating	313875.09	328028.41	0:00	0	0:00	0
1187	Commercial Structure	Non-Participating	313829.70	328062.45	0:00	0	0:00	0
1188	Commercial Structure	Non-Participating	313761.74	329753.26	0:00	0	0:00	0
1189	Commercial Structure	Non-Participating	313729.73	329837.71	0:00	0	0:00	0
1190	Commercial Structure	Non-Participating	314929.54	330726.91	0:00	0	0:00	0
1191	Commercial Structure	Non-Participating	315060.14	330720.79	0:00	0	0:00	0
1192	Commercial Structure	Non-Participating	315658.34	331965.19	0:00	0	0:00	0
1193	Commercial Structure	Non-Participating	316935.91	332273.03	0:00	0	0:00	0
1194	Commercial Structure	Non-Participating	316947.95	332422.86	0:00	0	0:00	0
1195	Commercial Structure	Non-Participating	316169.44	332965.45	0:00	0	0:00	0
1196	Commercial Structure	Non-Participating	316758.90	332876.22	0:00	0	0:00	0
1197	Commercial Structure	Non-Participating	317197.05	333339.40	0:00	0	0:00	0
1198	Commercial Structure	Non-Participating	317174.52	332854.00	0:00	0	0:00	0
1199	Commercial Structure	Non-Participating	316386.66	332488.33	0:00	0	0:00	0
1200	Commercial Structure	Non-Participating	316519.11	332189.24	0:00	0	0:00	0
1201	Commercial Structure	Non-Participating	317054.67	332356.94	0:00	0	0:00	0
1202	Commercial Structure	Non-Participating	317497.42	332389.27	0:00	0	0:00	0
1203	Commercial Structure	Non-Participating	317129.72	332005.52	0:00	0	0:00	0
1205	Commercial Structure	Non-Participating	316552.94	331350.55	0:00	0	0:00	0
1206	Commercial Structure	Non-Participating	318548.81	333570.65	0:00	0	0:00	0
1207	Commercial Structure	Non-Participating	318550.86	333520.27	0:00	0	0:00	0
1208	Commercial Structure	Non-Participating	318757.04	333535.63	0:00	0	0:00	0
1209	Commercial Structure	Non-Participating	318798.66	333529.18	0:00	0	0:00	0
1210	Commercial Structure	Non-Participating	317665.63	333371.85	0:00	0	0:00	0
1211	Commercial Structure	Non-Participating	317574.33	333443.39	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1212	Commercial Structure	Non-Participating	317577.64	333567.28	0:00	0	0:00	0
1213	Commercial Structure	Non-Participating	319043.12	332018.21	0:00	0	0:00	0
1214	Commercial Structure	Non-Participating	318984.47	331982.38	0:00	0	0:00	0
1215	Commercial Structure	Non-Participating	319043.72	331989.19	0:00	0	0:00	0
1216	Commercial Structure	Non-Participating	318829.00	331235.83	0:00	0	0:00	0
1217	Commercial Structure	Non-Participating	318930.79	331010.26	0:00	0	0:00	0
1218	Commercial Structure	Non-Participating	318521.86	331385.19	0:00	0	0:00	0
1219	Commercial Structure	Non-Participating	316990.07	331355.74	0:00	0	0:00	0
1220	Commercial Structure	Non-Participating	317153.31	330927.47	0:00	0	0:00	0
1221	Commercial Structure	Non-Participating	316516.58	330767.62	0:00	0	0:00	0
1222	Commercial Structure	Non-Participating	317197.42	330681.04	0:00	0	0:00	0
1223	Commercial Structure	Non-Participating	317170.45	330328.82	0:00	0	0:00	0
1225	Commercial Structure	Non-Participating	314911.41	328530.07	16:27	26	3:03	183
1226	Commercial Structure	Non-Participating	315043.72	328781.92	9:56	21	1:33	93
1227	Commercial Structure	Non-Participating	314934.15	329075.60	0:00	0	0:00	0
1228	Commercial Structure	Non-Participating	314955.60	329149.14	0:00	0	0:00	0
1229	Commercial Structure	Non-Participating	314939.80	329460.45	0:00	0	0:00	0
1230	Commercial Structure	Non-Participating	314927.75	329518.35	0:00	0	0:00	0
1231	Commercial Structure	Non-Participating	314825.55	327739.02	12:59	28	3:58	238
1232	Commercial Structure	Non-Participating	314653.97	327784.84	9:51	24	2:56	176
1233	Commercial Structure	Non-Participating	314753.06	327794.03	11:21	26	3:22	202
1234	Commercial Structure	Non-Participating	314711.99	327778.39	10:45	25	3:12	192
1235	Commercial Structure	Non-Participating	315454.87	327175.91	20:21	34	6:16	376
1236	Commercial Structure	Non-Participating	315475.05	327212.91	20:46	35	6:18	378
1237	Commercial Structure	Non-Participating	315405.37	327147.26	18:48	33	5:49	349
1238	Commercial Structure	Non-Participating	315170.59	325499.32	0:00	0	0:00	0
1239	Commercial Structure	Non-Participating	314348.20	324591.35	0:00	0	0:00	0
1240	Commercial Structure	Non-Participating	315314.13	324313.46	0:00	0	0:00	0
1241	Commercial Structure	Non-Participating	315349.01	324311.26	0:00	0	0:00	0
1242	Commercial Structure	Non-Participating	315390.10	324283.71	0:00	0	0:00	0
1243	Commercial Structure	Non-Participating	315428.70	324266.54	0:00	0	0:00	0
1244	Commercial Structure	Non-Participating	315476.27	324367.27	0:00	0	0:00	0
1245	Commercial Structure	Non-Participating	315542.15	324354.33	0:00	0	0:00	0
1246	Commercial Structure	Non-Participating	315543.10	324285.40	0:00	0	0:00	0
1247	Commercial Structure	Non-Participating	315844.26	324258.42	0:00	0	0:00	0
1248	Commercial Structure	Non-Participating	315843.30	324326.60	0:00	0	0:00	0
1249	Commercial Structure	Non-Participating	315918.14	324134.88	0:00	0	0:00	0
1250	Commercial Structure	Non-Participating	316135.11	323349.77	0:00	0	0:00	0
1251	Commercial Structure	Non-Participating	315371.50	323262.12	0:00	0	0:00	0
1252	Commercial Structure	Non-Participating	317400.15	323519.27	0:00	0	0:00	0
1253	Commercial Structure	Non-Participating	317118.13	322733.94	0:00	0	0:00	0
1254	Commercial Structure	Non-Participating	317125.92	322799.87	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1257	Commercial Structure	Non-Participating	316791.17	328255.40	39:12	42	7:00	420
1258	Commercial Structure	Non-Participating	317913.19	329508.76	138:12	91	26:08	1568
1259	Commercial Structure	Non-Participating	319716.61	328291.80	114:27	54	23:39	1419
1260	Commercial Structure	Non-Participating	319529.03	328095.53	266:16	88	59:39	3579
1261	Commercial Structure	Non-Participating	318730.50	326926.95	8:40	19	1:36	96
1262	Commercial Structure	Non-Participating	320700.29	331210.19	0:00	0	0:00	0
1263	Commercial Structure	Non-Participating	319738.61	331519.96	0:00	0	0:00	0
1264	Commercial Structure	Non-Participating	319904.31	332434.29	0:00	0	0:00	0
1265	Commercial Structure	Non-Participating	321173.65	329286.32	0:00	0	0:00	0
1266	Commercial Structure	Non-Participating	323278.07	329951.57	0:00	0	0:00	0
1267	Commercial Structure	Non-Participating	323707.57	329330.15	0:00	0	0:00	0
1268	Commercial Structure	Non-Participating	324679.73	328352.22	0:00	0	0:00	0
1269	Commercial Structure	Non-Participating	323395.26	327982.27	0:00	0	0:00	0
1270	Commercial Structure	Non-Participating	323084.83	328686.47	0:00	0	0:00	0
1271	Commercial Structure	Non-Participating	323080.35	328736.99	0:00	0	0:00	0
1272	Commercial Structure	Non-Participating	323039.78	329283.93	0:00	0	0:00	0
1273	Commercial Structure	Non-Participating	322020.22	327682.87	0:00	0	0:00	0
1274	Commercial Structure	Non-Participating	322047.77	327725.22	0:00	0	0:00	0
1279	Commercial Structure	Non-Participating	320968.73	326553.80	114:37	46	35:28	2128
1280	Commercial Structure	Non-Participating	321254.53	325534.53	0:00	0	0:00	0
1281	Commercial Structure	Non-Participating	321221.18	325581.55	0:00	0	0:00	0
1282	Commercial Structure	Non-Participating	321149.23	325508.01	0:00	0	0:00	0
1284	Commercial Structure	Non-Participating	320397.03	325135.64	0:00	0	0:00	0
1285	Commercial Structure	Non-Participating	318552.58	323442.70	0:00	0	0:00	0
1287	Commercial Structure	Non-Participating	322320.89	320900.09	0:00	0	0:00	0
1288	Commercial Structure	Non-Participating	322369.45	320902.64	0:00	0	0:00	0
1492	Commercial Structure	Non-Participating	313894.23	327969.57	0:00	0	0:00	0
1527	Commercial Structure	Non-Participating	315658.45	332008.55	0:00	0	0:00	0
1627	Commercial Structure	Non-Participating	314945.39	329533.34	0:00	0	0:00	0
1987	Commercial Structure	Non-Participating	323098.47	329854.20	0:00	0	0:00	0
2206	Commercial Structure	Non-Participating	317327.51	323518.52	0:00	0	0:00	0
2208	Commercial Structure	Non-Participating	320100.68	321879.73	0:00	0	0:00	0
2213	Commercial Structure	Non-Participating	323193.95	320263.88	0:00	0	0:00	0
2216	Commercial Structure	Non-Participating	321249.84	322604.17	0:00	0	0:00	0
2217	Commercial Structure	Non-Participating	322343.19	320869.37	0:00	0	0:00	0
2229	Commercial Structure	Non-Participating	315921.17	324146.19	0:00	0	0:00	0
2230	Commercial Structure	Non-Participating	316975.16	322730.67	0:00	0	0:00	0
2240	Commercial Structure	Non-Participating	315969.51	324133.00	0:00	0	0:00	0
2243	Commercial Structure	Non-Participating	315914.55	324121.56	0:00	0	0:00	0
2251	Commercial Structure	Non-Participating	315896.11	324135.52	0:00	0	0:00	0
2257	Commercial Structure	Non-Participating	320099.24	321915.01	0:00	0	0:00	0
2258	Commercial Structure	Non-Participating	315364.83	323338.76	0:00	0	0:00	0

Table B-2.e: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2270	Commercial Structure	Non-Participating	315430.40	323269.90	0:00	0	0:00	0
2286	Commercial Structure	Non-Participating	315437.58	323321.57	0:00	0	0:00	0
2293	Commercial Structure	Non-Participating	319039.77	327028.97	17:38	24	3:22	202
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Commercial Receptors								
1260	Commercial Structure	Non-Participating	319529.03	328095.53	266:16	88	59:39	3579
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1260	Commercial Structure	Non-Participating	319529.03	328095.53	266:16	88	59:39	3579
1279	Commercial Structure	Non-Participating	320968.73	326553.80	114:37	46	35:28	2128
1258	Commercial Structure	Non-Participating	317913.19	329508.76	138:12	91	26:08	1568
1259	Commercial Structure	Non-Participating	319716.61	328291.80	114:27	54	23:39	1419
908	Commercial Structure	Non-Participating	326886.97	324041.92	77:33	53	23:25	1405
895	Commercial Structure	Non-Participating	322899.49	326164.75	68:19	44	21:55	1315
1059	Commercial Structure	Non-Participating	326784.08	325417.44	71:50	45	15:33	933
1060	Commercial Structure	Non-Participating	326760.74	325408.08	69:35	44	15:27	927
1061	Commercial Structure	Non-Participating	326756.94	325438.92	71:26	43	15:14	914
1150	Commercial Structure	Non-Participating	328143.81	325119.83	66:33	47	15:04	904
1049	Commercial Structure	Non-Participating	328125.66	325163.84	57:50	48	13:15	795
1257	Commercial Structure	Non-Participating	316791.17	328255.40	39:12	42	7:00	420
1236	Commercial Structure	Non-Participating	315475.05	327212.91	20:46	35	6:18	378
1235	Commercial Structure	Non-Participating	315454.87	327175.91	20:21	34	6:16	376
1237	Commercial Structure	Non-Participating	315405.37	327147.26	18:48	33	5:49	349
896	Commercial Structure	Non-Participating	323108.08	325529.65	29:24	35	5:25	325
1231	Commercial Structure	Non-Participating	314825.55	327739.02	12:59	28	3:58	238
867	Commercial Structure	Non-Participating	327596.29	325488.73	26:46	48	3:45	225
1233	Commercial Structure	Non-Participating	314753.06	327794.03	11:21	26	3:22	202
2293	Commercial Structure	Non-Participating	319039.77	327028.97	17:38	24	3:22	202
1234	Commercial Structure	Non-Participating	314711.99	327778.39	10:45	25	3:12	192
1225	Commercial Structure	Non-Participating	314911.41	328530.07	16:27	26	3:03	183
861	Commercial Structure	Non-Participating	328653.44	325408.38	12:44	27	3:00	180
1232	Commercial Structure	Non-Participating	314653.97	327784.84	9:51	24	2:56	176
862	Commercial Structure	Non-Participating	328675.56	325406.89	12:17	27	2:54	174
859	Commercial Structure	Non-Participating	328710.70	325353.49	11:41	26	2:51	171
860	Commercial Structure	Non-Participating	328756.72	325324.20	10:54	26	2:42	162
890	Commercial Structure	Non-Participating	324559.88	327442.96	13:42	25	2:22	142
886	Commercial Structure	Non-Participating	324599.84	327424.06	12:28	25	2:14	134
887	Commercial Structure	Non-Participating	324647.98	327382.79	11:14	24	2:11	131
1261	Commercial Structure	Non-Participating	318730.50	326926.95	8:40	19	1:36	96
1226	Commercial Structure	Non-Participating	315043.72	328781.92	9:56	21	1:33	93
1282	Commercial Structure	Non-Participating	321149.23	325508.01	0:00	0	0:00	0
1281	Commercial Structure	Non-Participating	321221.18	325581.55	0:00	0	0:00	0
1280	Commercial Structure	Non-Participating	321254.53	325534.53	0:00	0	0:00	0
889	Commercial Structure	Non-Participating	324684.55	327361.27	0:00	0	0:00	0
888	Commercial Structure	Non-Participating	324680.40	327408.17	0:00	0	0:00	0
786	Commercial Structure	Non-Participating	326264.66	322442.15	0:00	0	0:00	0
801	Commercial Structure	Non-Participating	326373.45	322347.58	0:00	0	0:00	0
802	Commercial Structure	Non-Participating	326414.50	322338.51	0:00	0	0:00	0
803	Commercial Structure	Non-Participating	326429.99	322351.13	0:00	0	0:00	0
804	Commercial Structure	Non-Participating	326404.21	322310.72	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
805	Commercial Structure	Non-Participating	326421.77	322309.42	0:00	0	0:00	0
806	Commercial Structure	Non-Participating	326603.40	321871.81	0:00	0	0:00	0
807	Commercial Structure	Non-Participating	326726.92	321087.38	0:00	0	0:00	0
808	Commercial Structure	Non-Participating	326549.53	321849.80	0:00	0	0:00	0
809	Commercial Structure	Non-Participating	326539.86	321806.30	0:00	0	0:00	0
810	Commercial Structure	Non-Participating	326557.31	321777.19	0:00	0	0:00	0
811	Commercial Structure	Non-Participating	326336.49	320585.70	0:00	0	0:00	0
812	Commercial Structure	Non-Participating	326399.55	320562.53	0:00	0	0:00	0
813	Commercial Structure	Non-Participating	326346.09	320492.51	0:00	0	0:00	0
814	Commercial Structure	Non-Participating	326327.27	320465.91	0:00	0	0:00	0
815	Commercial Structure	Non-Participating	326792.14	320579.84	0:00	0	0:00	0
816	Commercial Structure	Non-Participating	326754.32	320884.85	0:00	0	0:00	0
817	Commercial Structure	Non-Participating	326737.57	321059.58	0:00	0	0:00	0
818	Commercial Structure	Non-Participating	326798.96	321341.16	0:00	0	0:00	0
819	Commercial Structure	Non-Participating	326807.07	321302.28	0:00	0	0:00	0
820	Commercial Structure	Non-Participating	326702.66	321341.20	0:00	0	0:00	0
821	Commercial Structure	Non-Participating	326872.23	322301.65	0:00	0	0:00	0
822	Commercial Structure	Non-Participating	326744.62	322324.43	0:00	0	0:00	0
823	Commercial Structure	Non-Participating	326470.04	322337.65	0:00	0	0:00	0
824	Commercial Structure	Non-Participating	326613.12	322339.93	0:00	0	0:00	0
825	Commercial Structure	Non-Participating	326622.31	322339.94	0:00	0	0:00	0
826	Commercial Structure	Non-Participating	326524.80	322329.06	0:00	0	0:00	0
827	Commercial Structure	Non-Participating	326526.56	322316.82	0:00	0	0:00	0
828	Commercial Structure	Non-Participating	326507.70	322340.68	0:00	0	0:00	0
829	Commercial Structure	Non-Participating	326623.22	322406.58	0:00	0	0:00	0
830	Commercial Structure	Non-Participating	326662.83	322393.05	0:00	0	0:00	0
831	Commercial Structure	Non-Participating	326698.57	322407.78	0:00	0	0:00	0
832	Commercial Structure	Non-Participating	326705.84	322380.11	0:00	0	0:00	0
833	Commercial Structure	Non-Participating	326642.84	322336.01	0:00	0	0:00	0
834	Commercial Structure	Non-Participating	326653.78	322333.81	0:00	0	0:00	0
835	Commercial Structure	Non-Participating	326691.48	322334.94	0:00	0	0:00	0
836	Commercial Structure	Non-Participating	326727.81	322314.44	0:00	0	0:00	0
837	Commercial Structure	Non-Participating	326032.81	322513.18	0:00	0	0:00	0
838	Commercial Structure	Non-Participating	326145.81	322534.20	0:00	0	0:00	0
839	Commercial Structure	Non-Participating	326342.02	322416.46	0:00	0	0:00	0
840	Commercial Structure	Non-Participating	326350.14	322438.44	0:00	0	0:00	0
841	Commercial Structure	Non-Participating	326469.70	322441.45	0:00	0	0:00	0
842	Commercial Structure	Non-Participating	326376.45	322564.00	0:00	0	0:00	0
843	Commercial Structure	Non-Participating	325759.82	323322.37	0:00	0	0:00	0
844	Commercial Structure	Non-Participating	325740.19	323337.00	0:00	0	0:00	0
845	Commercial Structure	Non-Participating	326753.76	322380.97	0:00	0	0:00	0
846	Commercial Structure	Non-Participating	326842.61	322368.55	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
847	Commercial Structure	Non-Participating	326909.27	322383.24	0:00	0	0:00	0
848	Commercial Structure	Non-Participating	327096.33	323214.71	0:00	0	0:00	0
849	Commercial Structure	Non-Participating	326918.38	323142.80	0:00	0	0:00	0
850	Commercial Structure	Non-Participating	325668.01	322435.87	0:00	0	0:00	0
851	Commercial Structure	Non-Participating	325458.73	322571.29	0:00	0	0:00	0
852	Commercial Structure	Non-Participating	324850.73	322721.32	0:00	0	0:00	0
853	Commercial Structure	Non-Participating	329943.46	322692.19	0:00	0	0:00	0
854	Commercial Structure	Non-Participating	330223.72	324046.85	0:00	0	0:00	0
855	Commercial Structure	Non-Participating	330195.71	324002.07	0:00	0	0:00	0
856	Commercial Structure	Non-Participating	329907.28	325246.13	0:00	0	0:00	0
857	Commercial Structure	Non-Participating	329917.99	325197.62	0:00	0	0:00	0
858	Commercial Structure	Non-Participating	330577.78	324980.78	0:00	0	0:00	0
868	Commercial Structure	Non-Participating	327979.96	326127.99	0:00	0	0:00	0
869	Commercial Structure	Non-Participating	328439.34	322877.77	0:00	0	0:00	0
870	Commercial Structure	Non-Participating	328882.40	327283.22	0:00	0	0:00	0
871	Commercial Structure	Non-Participating	328117.17	327710.65	0:00	0	0:00	0
872	Commercial Structure	Non-Participating	327896.27	327050.13	0:00	0	0:00	0
873	Commercial Structure	Non-Participating	327869.74	327131.21	0:00	0	0:00	0
874	Commercial Structure	Non-Participating	327840.67	326878.11	0:00	0	0:00	0
875	Commercial Structure	Non-Participating	327924.85	327031.61	0:00	0	0:00	0
876	Commercial Structure	Non-Participating	327824.72	327032.53	0:00	0	0:00	0
877	Commercial Structure	Non-Participating	327834.39	327014.23	0:00	0	0:00	0
879	Commercial Structure	Non-Participating	325821.88	326863.09	0:00	0	0:00	0
880	Commercial Structure	Non-Participating	325860.85	326827.94	0:00	0	0:00	0
881	Commercial Structure	Non-Participating	325203.08	326885.94	0:00	0	0:00	0
882	Commercial Structure	Non-Participating	325255.52	326965.72	0:00	0	0:00	0
883	Commercial Structure	Non-Participating	325194.43	326807.16	0:00	0	0:00	0
884	Commercial Structure	Non-Participating	325264.53	326847.48	0:00	0	0:00	0
885	Commercial Structure	Non-Participating	324639.52	328386.11	0:00	0	0:00	0
909	Commercial Structure	Non-Participating	328315.41	323063.47	0:00	0	0:00	0
963	Commercial Structure	Non-Participating	325967.74	322498.16	0:00	0	0:00	0
964	Commercial Structure	Non-Participating	325980.82	322484.18	0:00	0	0:00	0
1091	Commercial Structure	Non-Participating	326254.60	326996.09	0:00	0	0:00	0
1092	Commercial Structure	Non-Participating	326224.07	327002.47	0:00	0	0:00	0
1184	Commercial Structure	Non-Participating	313440.44	327280.88	0:00	0	0:00	0
1185	Commercial Structure	Non-Participating	313466.59	327293.46	0:00	0	0:00	0
1186	Commercial Structure	Non-Participating	313875.09	328028.41	0:00	0	0:00	0
1187	Commercial Structure	Non-Participating	313829.70	328062.45	0:00	0	0:00	0
1188	Commercial Structure	Non-Participating	313761.74	329753.26	0:00	0	0:00	0
1189	Commercial Structure	Non-Participating	313729.73	329837.71	0:00	0	0:00	0
1190	Commercial Structure	Non-Participating	314929.54	330726.91	0:00	0	0:00	0
1191	Commercial Structure	Non-Participating	315060.14	330720.79	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1192	Commercial Structure	Non-Participating	315658.34	331965.19	0:00	0	0:00	0
1193	Commercial Structure	Non-Participating	316935.91	332273.03	0:00	0	0:00	0
1194	Commercial Structure	Non-Participating	316947.95	332422.86	0:00	0	0:00	0
1195	Commercial Structure	Non-Participating	316169.44	332965.45	0:00	0	0:00	0
1196	Commercial Structure	Non-Participating	316758.90	332876.22	0:00	0	0:00	0
1197	Commercial Structure	Non-Participating	317197.05	333339.40	0:00	0	0:00	0
1198	Commercial Structure	Non-Participating	317174.52	332854.00	0:00	0	0:00	0
1199	Commercial Structure	Non-Participating	316386.66	332488.33	0:00	0	0:00	0
1200	Commercial Structure	Non-Participating	316519.11	332189.24	0:00	0	0:00	0
1201	Commercial Structure	Non-Participating	317054.67	332356.94	0:00	0	0:00	0
1202	Commercial Structure	Non-Participating	317497.42	332389.27	0:00	0	0:00	0
1203	Commercial Structure	Non-Participating	317129.72	332005.52	0:00	0	0:00	0
1205	Commercial Structure	Non-Participating	316552.94	331350.55	0:00	0	0:00	0
1206	Commercial Structure	Non-Participating	318548.81	333570.65	0:00	0	0:00	0
1207	Commercial Structure	Non-Participating	318550.86	333520.27	0:00	0	0:00	0
1208	Commercial Structure	Non-Participating	318757.04	333535.63	0:00	0	0:00	0
1209	Commercial Structure	Non-Participating	318798.66	333529.18	0:00	0	0:00	0
1210	Commercial Structure	Non-Participating	317665.63	333371.85	0:00	0	0:00	0
1211	Commercial Structure	Non-Participating	317574.33	333443.39	0:00	0	0:00	0
1212	Commercial Structure	Non-Participating	317577.64	333567.28	0:00	0	0:00	0
1213	Commercial Structure	Non-Participating	319043.12	332018.21	0:00	0	0:00	0
1214	Commercial Structure	Non-Participating	318984.47	331982.38	0:00	0	0:00	0
1215	Commercial Structure	Non-Participating	319043.72	331989.19	0:00	0	0:00	0
1216	Commercial Structure	Non-Participating	318829.00	331235.83	0:00	0	0:00	0
1217	Commercial Structure	Non-Participating	318930.79	331010.26	0:00	0	0:00	0
1218	Commercial Structure	Non-Participating	318521.86	331385.19	0:00	0	0:00	0
1219	Commercial Structure	Non-Participating	316990.07	331355.74	0:00	0	0:00	0
1220	Commercial Structure	Non-Participating	317153.31	330927.47	0:00	0	0:00	0
1221	Commercial Structure	Non-Participating	316516.58	330767.62	0:00	0	0:00	0
1222	Commercial Structure	Non-Participating	317197.42	330681.04	0:00	0	0:00	0
1223	Commercial Structure	Non-Participating	317170.45	330328.82	0:00	0	0:00	0
1227	Commercial Structure	Non-Participating	314934.15	329075.60	0:00	0	0:00	0
1228	Commercial Structure	Non-Participating	314955.60	329149.14	0:00	0	0:00	0
1229	Commercial Structure	Non-Participating	314939.80	329460.45	0:00	0	0:00	0
1230	Commercial Structure	Non-Participating	314927.75	329518.35	0:00	0	0:00	0
1238	Commercial Structure	Non-Participating	315170.59	325499.32	0:00	0	0:00	0
1239	Commercial Structure	Non-Participating	314348.20	324591.35	0:00	0	0:00	0
1240	Commercial Structure	Non-Participating	315314.13	324313.46	0:00	0	0:00	0
1241	Commercial Structure	Non-Participating	315349.01	324311.26	0:00	0	0:00	0
1242	Commercial Structure	Non-Participating	315390.10	324283.71	0:00	0	0:00	0
1243	Commercial Structure	Non-Participating	315428.70	324266.54	0:00	0	0:00	0
1244	Commercial Structure	Non-Participating	315476.27	324367.27	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1245	Commercial Structure	Non-Participating	315542.15	324354.33	0:00	0	0:00	0
1246	Commercial Structure	Non-Participating	315543.10	324285.40	0:00	0	0:00	0
1247	Commercial Structure	Non-Participating	315844.26	324258.42	0:00	0	0:00	0
1248	Commercial Structure	Non-Participating	315843.30	324326.60	0:00	0	0:00	0
1249	Commercial Structure	Non-Participating	315918.14	324134.88	0:00	0	0:00	0
1250	Commercial Structure	Non-Participating	316135.11	323349.77	0:00	0	0:00	0
1251	Commercial Structure	Non-Participating	315371.50	323262.12	0:00	0	0:00	0
1252	Commercial Structure	Non-Participating	317400.15	323519.27	0:00	0	0:00	0
1253	Commercial Structure	Non-Participating	317118.13	322733.94	0:00	0	0:00	0
1254	Commercial Structure	Non-Participating	317125.92	322799.87	0:00	0	0:00	0
1262	Commercial Structure	Non-Participating	320700.29	331210.19	0:00	0	0:00	0
1263	Commercial Structure	Non-Participating	319738.61	331519.96	0:00	0	0:00	0
1264	Commercial Structure	Non-Participating	319904.31	332434.29	0:00	0	0:00	0
1265	Commercial Structure	Non-Participating	321173.65	329286.32	0:00	0	0:00	0
1266	Commercial Structure	Non-Participating	323278.07	329951.57	0:00	0	0:00	0
1267	Commercial Structure	Non-Participating	323707.57	329330.15	0:00	0	0:00	0
1268	Commercial Structure	Non-Participating	324679.73	328352.22	0:00	0	0:00	0
1269	Commercial Structure	Non-Participating	323395.26	327982.27	0:00	0	0:00	0
1270	Commercial Structure	Non-Participating	323084.83	328686.47	0:00	0	0:00	0
1271	Commercial Structure	Non-Participating	323080.35	328736.99	0:00	0	0:00	0
1272	Commercial Structure	Non-Participating	323039.78	329283.93	0:00	0	0:00	0
1273	Commercial Structure	Non-Participating	322020.22	327682.87	0:00	0	0:00	0
1274	Commercial Structure	Non-Participating	322047.77	327725.22	0:00	0	0:00	0
1284	Commercial Structure	Non-Participating	320397.03	325135.64	0:00	0	0:00	0
1285	Commercial Structure	Non-Participating	318552.58	323442.70	0:00	0	0:00	0
1287	Commercial Structure	Non-Participating	322320.89	320900.09	0:00	0	0:00	0
1288	Commercial Structure	Non-Participating	322369.45	320902.64	0:00	0	0:00	0
1492	Commercial Structure	Non-Participating	313894.23	327969.57	0:00	0	0:00	0
1527	Commercial Structure	Non-Participating	315658.45	332008.55	0:00	0	0:00	0
1627	Commercial Structure	Non-Participating	314945.39	329533.34	0:00	0	0:00	0
1987	Commercial Structure	Non-Participating	323098.47	329854.20	0:00	0	0:00	0
2206	Commercial Structure	Non-Participating	317327.51	323518.52	0:00	0	0:00	0
2208	Commercial Structure	Non-Participating	320100.68	321879.73	0:00	0	0:00	0
2213	Commercial Structure	Non-Participating	323193.95	320263.88	0:00	0	0:00	0
2216	Commercial Structure	Non-Participating	321249.84	322604.17	0:00	0	0:00	0
2217	Commercial Structure	Non-Participating	322343.19	320869.37	0:00	0	0:00	0
2229	Commercial Structure	Non-Participating	315921.17	324146.19	0:00	0	0:00	0
2230	Commercial Structure	Non-Participating	316975.16	322730.67	0:00	0	0:00	0
2240	Commercial Structure	Non-Participating	315969.51	324133.00	0:00	0	0:00	0
2243	Commercial Structure	Non-Participating	315914.55	324121.56	0:00	0	0:00	0
2251	Commercial Structure	Non-Participating	315896.11	324135.52	0:00	0	0:00	0
2257	Commercial Structure	Non-Participating	320099.24	321915.01	0:00	0	0:00	0

Table B-2.f: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2258	Commercial Structure	Non-Participating	315364.83	323338.76	0:00	0	0:00	0
2270	Commercial Structure	Non-Participating	315430.40	323269.90	0:00	0	0:00	0
2286	Commercial Structure	Non-Participating	315437.58	323321.57	0:00	0	0:00	0
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Commercial Receptors								
1260	Commercial Structure	Non-Participating	319529.03	328095.53	266:16	88	59:39	3579
2323	Commercial Structure	Non-Participating	323623.57	323003.92	0:00	0	0:00	0

Table B-2.g: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Commercial and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
863	Commercial Structure	Participating	326938.34	324133.53	146:03	82	44:34	2674
864	Commercial Structure	Participating	326936.63	324109.24	120:25	77	36:39	2199
865	Commercial Structure	Participating	326890.63	324202.23	182:17	74	55:30	3330
866	Commercial Structure	Participating	326722.74	324654.27	174:07	61	46:45	2805
891	Commercial Structure	Participating	325020.34	323873.12	15:11	29	4:43	283
892	Commercial Structure	Participating	325072.97	323854.29	16:57	31	5:19	319
893	Commercial Structure	Participating	325088.85	323872.96	17:19	31	5:25	325
894	Commercial Structure	Participating	325043.35	323895.90	15:36	30	4:50	290
1255	Commercial Structure	Participating	316600.41	326929.55	67:27	51	13:36	816
1256	Commercial Structure	Participating	316643.98	326988.51	74:12	52	13:59	839
1276	Commercial Structure	Participating	322673.89	326481.58	183:48	90	50:48	3048
1277	Commercial Structure	Participating	322695.59	326402.22	176:39	83	52:02	3122
1278	Commercial Structure	Participating	321024.39	326811.30	81:11	42	21:06	1266
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0
1879	Commercial Structure	Participating	318832.28	328834.77	200:02	102	58:59	3539
Summary of Maximum and Minimum Shadow Flicker for Participating Commercial Receptors								
1879	Commercial Structure	Participating	318832.28	328834.77	200:02	102	58:59	3539
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0

Table B-2.h: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Commercial and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1879	Commercial Structure	Participating	318832.28	328834.77	200:02	102	58:59	3539
865	Commercial Structure	Participating	326890.63	324202.23	182:17	74	55:30	3330
1277	Commercial Structure	Participating	322695.59	326402.22	176:39	83	52:02	3122
1276	Commercial Structure	Participating	322673.89	326481.58	183:48	90	50:48	3048
866	Commercial Structure	Participating	326722.74	324654.27	174:07	61	46:45	2805
863	Commercial Structure	Participating	326938.34	324133.53	146:03	82	44:34	2674
864	Commercial Structure	Participating	326936.63	324109.24	120:25	77	36:39	2199
1278	Commercial Structure	Participating	321024.39	326811.30	81:11	42	21:06	1266
1256	Commercial Structure	Participating	316643.98	326988.51	74:12	52	13:59	839
1255	Commercial Structure	Participating	316600.41	326929.55	67:27	51	13:36	816
893	Commercial Structure	Participating	325088.85	323872.96	17:19	31	5:25	325
892	Commercial Structure	Participating	325072.97	323854.29	16:57	31	5:19	319
894	Commercial Structure	Participating	325043.35	323895.90	15:36	30	4:50	290
891	Commercial Structure	Participating	325020.34	323873.12	15:11	29	4:43	283
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Commercial Receptors								
1879	Commercial Structure	Participating	318832.28	328834.77	200:02	102	58:59	3539
1283	Commercial Structure	Participating	321581.82	325517.59	0:00	0	0:00	0

Table B-2.i: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Unknown and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
898	Unknown Structure	Non-Participating	326322.80	321709.65	0:00	0	0:00	0
1083	Unknown Structure	Non-Participating	328546.33	327053.66	0:00	0	0:00	0
1146	Unknown Structure	Non-Participating	329683.95	322204.83	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Unknown Receptors								
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0

Table B-2.j: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Unknown and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
898	Unknown Structure	Non-Participating	326322.80	321709.65	0:00	0	0:00	0
1083	Unknown Structure	Non-Participating	328546.33	327053.66	0:00	0	0:00	0
1146	Unknown Structure	Non-Participating	329683.95	322204.83	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Unknown Receptors								
525	Unknown Structure	Non-Participating	329848.51	324884.15	0:00	0	0:00	0
1153	Unknown Structure	Non-Participating	326407.73	326754.43	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
620	Other Structure	Non-Participating	326649.95	325722.39	81:55	68	13:11	791
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	6:21	19	0:50	50
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1018	Other Structure	Non-Participating	322768.96	323596.52	120:11	69	38:02	2282
1019	Other Structure	Non-Participating	322667.63	323521.29	84:20	57	26:48	1608
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1046	Other Structure	Non-Participating	328568.33	325013.85	28:46	31	7:11	431
1047	Other Structure	Non-Participating	328487.87	324838.03	36:08	34	10:09	609
1048	Other Structure	Non-Participating	328548.19	324997.78	30:05	32	7:38	458
1050	Other Structure	Non-Participating	328658.47	325378.76	12:40	28	3:02	182
1051	Other Structure	Non-Participating	327116.80	323472.60	11:14	24	3:48	228
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1058	Other Structure	Non-Participating	326771.44	325364.16	75:35	45	16:57	1017
1062	Other Structure	Non-Participating	328096.09	325350.20	39:30	47	8:38	518
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1121	Other Structure	Non-Participating	324342.93	327561.64	27:24	28	4:08	248
1123	Other Structure	Non-Participating	325323.70	325582.46	46:29	66	10:05	605
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1125	Other Structure	Non-Participating	323751.58	327372.87	6:51	22	0:53	53
1126	Other Structure	Non-Participating	323881.70	326742.76	62:43	59	19:05	1145
1127	Other Structure	Non-Participating	323892.51	326704.72	65:23	59	20:34	1234
1128	Other Structure	Non-Participating	323967.35	326704.37	50:07	53	15:41	941

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1130	Other Structure	Non-Participating	324323.73	325521.34	51:07	55	7:28	448
1131	Other Structure	Non-Participating	322882.40	326117.48	56:35	45	18:11	1091
1132	Other Structure	Non-Participating	323089.76	325454.68	32:06	35	6:08	368
1133	Other Structure	Non-Participating	323114.97	325565.48	37:59	35	7:00	420
1134	Other Structure	Non-Participating	324362.59	323896.97	15:37	31	4:23	263
1135	Other Structure	Non-Participating	324442.51	323849.41	13:58	29	4:02	242
1136	Other Structure	Non-Participating	324417.97	323839.93	14:34	29	4:14	254
1137	Other Structure	Non-Participating	324361.51	323988.16	15:23	31	4:02	242
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1158	Other Structure	Non-Participating	324390.06	323878.53	15:01	30	4:16	256
1159	Other Structure	Non-Participating	324387.15	323987.08	14:30	30	3:49	229
1160	Other Structure	Non-Participating	323107.91	324885.25	57:18	50	15:56	956
1162	Other Structure	Non-Participating	323271.75	324925.88	75:51	48	21:02	1262
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1172	Other Structure	Non-Participating	327209.81	325397.87	142:13	99	25:02	1502
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1327	Other Structure	Non-Participating	316879.42	329389.63	9:42	24	2:38	158
1328	Other Structure	Non-Participating	316758.86	329357.41	0:00	0	0:00	0
1329	Other Structure	Non-Participating	314783.24	328597.48	0:00	0	0:00	0
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1332	Other Structure	Non-Participating	314635.73	327847.18	9:23	24	2:43	163
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1348	Other Structure	Non-Participating	317967.87	326252.19	104:22	52	31:59	1919
1349	Other Structure	Non-Participating	318025.94	326293.06	79:30	48	23:36	1416
1350	Other Structure	Non-Participating	318007.03	326758.44	57:44	40	11:03	663
1351	Other Structure	Non-Participating	317830.57	326862.15	45:57	48	10:36	636
1352	Other Structure	Non-Participating	317483.34	327547.59	71:16	37	21:25	1285
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	69:02	35	20:39	1239
1354	Other Structure	Non-Participating	317083.62	327325.03	106:31	58	32:52	1972
1355	Other Structure	Non-Participating	316895.66	327118.47	155:09	79	48:07	2887
1356	Other Structure	Non-Participating	317248.23	329173.60	35:00	33	9:18	558
1357	Other Structure	Non-Participating	317584.54	329007.81	108:14	49	30:15	1815
1358	Other Structure	Non-Participating	318279.50	329674.45	47:20	77	7:14	434
1359	Other Structure	Non-Participating	319039.03	329746.32	28:33	37	5:10	310
1360	Other Structure	Non-Participating	319121.20	329629.43	33:27	36	6:32	392

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1361	Other Structure	Non-Participating	319775.99	329464.40	53:40	44	8:13	493
1362	Other Structure	Non-Participating	319914.74	329076.51	52:30	46	11:54	714
1363	Other Structure	Non-Participating	319950.57	328307.72	52:40	41	11:10	670
1364	Other Structure	Non-Participating	317668.43	327310.91	10:54	27	3:05	185
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1385	Other Structure	Non-Participating	322485.59	327517.32	16:36	28	2:39	159
1386	Other Structure	Non-Participating	322467.53	327513.85	18:40	29	3:00	180
1387	Other Structure	Non-Participating	320994.33	327539.98	43:57	55	6:42	402
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1389	Other Structure	Non-Participating	322047.05	327592.90	0:00	0	0:00	0
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1393	Other Structure	Non-Participating	320974.93	326062.30	55:24	32	17:25	1045
1394	Other Structure	Non-Participating	320571.35	325988.92	40:42	46	13:54	834
1395	Other Structure	Non-Participating	320707.00	326260.82	55:21	54	17:03	1023
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1854	Other Structure	Non-Participating	316794.89	328352.51	52:37	40	8:16	496
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2115	Other Structure	Non-Participating	320833.86	326112.17	75:53	43	23:58	1438
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	28:09	42	8:52	532
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0

Table B-2.k: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2291	Other Structure	Non-Participating	320780.79	326136.43	69:34	55	22:01	1321
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2309	Other Structure	Non-Participating	315245.36	326638.79	24:52	28	7:52	472
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
2330	Other Structure	Non-Participating	317822.66	328416.47	133:34	58	34:04	2044
2332	Other Structure	Non-Participating	317647.41	329132.20	110:50	54	27:49	1669
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
1355	Other Structure	Non-Participating	316895.66	327118.47	155:09	79	48:07	2887
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1355	Other Structure	Non-Participating	316895.66	327118.47	155:09	79	48:07	2887
1018	Other Structure	Non-Participating	322768.96	323596.52	120:11	69	38:02	2282
2330	Other Structure	Non-Participating	317822.66	328416.47	133:34	58	34:04	2044
1354	Other Structure	Non-Participating	317083.62	327325.03	106:31	58	32:52	1972
1348	Other Structure	Non-Participating	317967.87	326252.19	104:22	52	31:59	1919
1357	Other Structure	Non-Participating	317584.54	329007.81	108:14	49	30:15	1815
2332	Other Structure	Non-Participating	317647.41	329132.20	110:50	54	27:49	1669
1019	Other Structure	Non-Participating	322667.63	323521.29	84:20	57	26:48	1608
1172	Other Structure	Non-Participating	327209.81	325397.87	142:13	99	25:02	1502
2115	Other Structure	Non-Participating	320833.86	326112.17	75:53	43	23:58	1438
1349	Other Structure	Non-Participating	318025.94	326293.06	79:30	48	23:36	1416
2291	Other Structure	Non-Participating	320780.79	326136.43	69:34	55	22:01	1321
1352	Other Structure	Non-Participating	317483.34	327547.59	71:16	37	21:25	1285
1162	Other Structure	Non-Participating	323271.75	324925.88	75:51	48	21:02	1262
1353	Uninhabitable Residence	Non-Participating	317445.26	327510.19	69:02	35	20:39	1239
1127	Other Structure	Non-Participating	323892.51	326704.72	65:23	59	20:34	1234
1126	Other Structure	Non-Participating	323881.70	326742.76	62:43	59	19:05	1145
1131	Other Structure	Non-Participating	322882.40	326117.48	56:35	45	18:11	1091
1393	Other Structure	Non-Participating	320974.93	326062.30	55:24	32	17:25	1045
1395	Other Structure	Non-Participating	320707.00	326260.82	55:21	54	17:03	1023
1058	Other Structure	Non-Participating	326771.44	325364.16	75:35	45	16:57	1017
1160	Other Structure	Non-Participating	323107.91	324885.25	57:18	50	15:56	956
1128	Other Structure	Non-Participating	323967.35	326704.37	50:07	53	15:41	941
1394	Other Structure	Non-Participating	320571.35	325988.92	40:42	46	13:54	834
620	Other Structure	Non-Participating	326649.95	325722.39	81:55	68	13:11	791
1362	Other Structure	Non-Participating	319914.74	329076.51	52:30	46	11:54	714
1363	Other Structure	Non-Participating	319950.57	328307.72	52:40	41	11:10	670
1350	Other Structure	Non-Participating	318007.03	326758.44	57:44	40	11:03	663
1351	Other Structure	Non-Participating	317830.57	326862.15	45:57	48	10:36	636
1047	Other Structure	Non-Participating	328487.87	324838.03	36:08	34	10:09	609
1123	Other Structure	Non-Participating	325323.70	325582.46	46:29	66	10:05	605
1356	Other Structure	Non-Participating	317248.23	329173.60	35:00	33	9:18	558
2146	Uninhabitable Residence	Non-Participating	321296.68	324239.95	28:09	42	8:52	532
1062	Other Structure	Non-Participating	328096.09	325350.20	39:30	47	8:38	518
1854	Other Structure	Non-Participating	316794.89	328352.51	52:37	40	8:16	496
1361	Other Structure	Non-Participating	319775.99	329464.40	53:40	44	8:13	493
2309	Other Structure	Non-Participating	315245.36	326638.79	24:52	28	7:52	472
1048	Other Structure	Non-Participating	328548.19	324997.78	30:05	32	7:38	458
1130	Other Structure	Non-Participating	324323.73	325521.34	51:07	55	7:28	448
1358	Other Structure	Non-Participating	318279.50	329674.45	47:20	77	7:14	434
1046	Other Structure	Non-Participating	328568.33	325013.85	28:46	31	7:11	431
1133	Other Structure	Non-Participating	323114.97	325565.48	37:59	35	7:00	420

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1387	Other Structure	Non-Participating	320994.33	327539.98	43:57	55	6:42	402
1360	Other Structure	Non-Participating	319121.20	329629.43	33:27	36	6:32	392
1132	Other Structure	Non-Participating	323089.76	325454.68	32:06	35	6:08	368
1359	Other Structure	Non-Participating	319039.03	329746.32	28:33	37	5:10	310
1134	Other Structure	Non-Participating	324362.59	323896.97	15:37	31	4:23	263
1158	Other Structure	Non-Participating	324390.06	323878.53	15:01	30	4:16	256
1136	Other Structure	Non-Participating	324417.97	323839.93	14:34	29	4:14	254
1121	Other Structure	Non-Participating	324342.93	327561.64	27:24	28	4:08	248
1135	Other Structure	Non-Participating	324442.51	323849.41	13:58	29	4:02	242
1137	Other Structure	Non-Participating	324361.51	323988.16	15:23	31	4:02	242
1159	Other Structure	Non-Participating	324387.15	323987.08	14:30	30	3:49	229
1051	Other Structure	Non-Participating	327116.80	323472.60	11:14	24	3:48	228
1364	Other Structure	Non-Participating	317668.43	327310.91	10:54	27	3:05	185
1050	Other Structure	Non-Participating	328658.47	325378.76	12:40	28	3:02	182
1386	Other Structure	Non-Participating	322467.53	327513.85	18:40	29	3:00	180
1332	Other Structure	Non-Participating	314635.73	327847.18	9:23	24	2:43	163
1385	Other Structure	Non-Participating	322485.59	327517.32	16:36	28	2:39	159
1327	Other Structure	Non-Participating	316879.42	329389.63	9:42	24	2:38	158
1125	Other Structure	Non-Participating	323751.58	327372.87	6:51	22	0:53	53
750	Uninhabitable Residence	Non-Participating	326658.78	325974.90	6:21	19	0:50	50
1389	Other Structure	Non-Participating	322047.05	327592.90	0:00	0	0:00	0
1329	Other Structure	Non-Participating	314783.24	328597.48	0:00	0	0:00	0
1328	Other Structure	Non-Participating	316758.86	329357.41	0:00	0	0:00	0
118	Other Structure	Non-Participating	327569.77	320414.73	0:00	0	0:00	0
412	Other Structure	Non-Participating	324040.99	321207.79	0:00	0	0:00	0
462	Other Structure	Non-Participating	329939.45	323374.80	0:00	0	0:00	0
481	Other Structure	Non-Participating	330069.15	325088.93	0:00	0	0:00	0
484	Uninhabitable Residence	Non-Participating	330020.52	325091.57	0:00	0	0:00	0
491	Uninhabitable Residence	Non-Participating	330035.16	325306.41	0:00	0	0:00	0
589	Other Structure	Non-Participating	329922.72	326463.19	0:00	0	0:00	0
602	Other Structure	Non-Participating	328697.73	327290.64	0:00	0	0:00	0
680	Other Structure	Non-Participating	324991.12	327110.03	0:00	0	0:00	0
695	Other Structure	Non-Participating	324019.12	325983.44	0:00	0	0:00	0
749	Uninhabitable Residence	Non-Participating	325427.50	322587.59	0:00	0	0:00	0
911	Other Structure	Non-Participating	325747.79	321829.83	0:00	0	0:00	0
912	Other Structure	Non-Participating	325960.03	322090.44	0:00	0	0:00	0
913	Other Structure	Non-Participating	325499.84	322229.46	0:00	0	0:00	0
914	Other Structure	Non-Participating	326295.10	322331.28	0:00	0	0:00	0
915	Other Structure	Non-Participating	326388.80	322259.82	0:00	0	0:00	0
916	Other Structure	Non-Participating	326429.68	322190.25	0:00	0	0:00	0
917	Other Structure	Non-Participating	326399.39	322105.37	0:00	0	0:00	0
918	Other Structure	Non-Participating	326563.95	322013.34	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
919	Other Structure	Non-Participating	326537.42	321888.32	0:00	0	0:00	0
920	Other Structure	Non-Participating	326174.55	321181.43	0:00	0	0:00	0
921	Other Structure	Non-Participating	326695.44	320839.11	0:00	0	0:00	0
922	Other Structure	Non-Participating	326433.16	320452.94	0:00	0	0:00	0
923	Other Structure	Non-Participating	326392.99	320462.32	0:00	0	0:00	0
924	Other Structure	Non-Participating	326312.09	320527.43	0:00	0	0:00	0
925	Other Structure	Non-Participating	326299.87	320512.13	0:00	0	0:00	0
926	Other Structure	Non-Participating	326433.12	320563.38	0:00	0	0:00	0
927	Other Structure	Non-Participating	326419.88	320541.47	0:00	0	0:00	0
928	Other Structure	Non-Participating	326720.68	320546.98	0:00	0	0:00	0
929	Other Structure	Non-Participating	326830.93	320538.82	0:00	0	0:00	0
930	Other Structure	Non-Participating	326792.98	320808.69	0:00	0	0:00	0
931	Other Structure	Non-Participating	326848.21	321346.14	0:00	0	0:00	0
932	Other Structure	Non-Participating	326780.51	321324.08	0:00	0	0:00	0
933	Other Structure	Non-Participating	326687.19	321466.29	0:00	0	0:00	0
934	Other Structure	Non-Participating	326712.29	321464.80	0:00	0	0:00	0
935	Other Structure	Non-Participating	327396.16	321276.88	0:00	0	0:00	0
936	Other Structure	Non-Participating	327362.15	320889.53	0:00	0	0:00	0
937	Other Structure	Non-Participating	327412.58	320667.15	0:00	0	0:00	0
938	Other Structure	Non-Participating	327449.21	320721.84	0:00	0	0:00	0
939	Other Structure	Non-Participating	327312.78	320545.75	0:00	0	0:00	0
941	Other Structure	Non-Participating	327390.99	320332.02	0:00	0	0:00	0
942	Other Structure	Non-Participating	327919.48	320363.21	0:00	0	0:00	0
943	Other Structure	Non-Participating	328257.65	320555.28	0:00	0	0:00	0
944	Other Structure	Non-Participating	328149.72	320630.22	0:00	0	0:00	0
945	Other Structure	Non-Participating	328309.79	320741.05	0:00	0	0:00	0
946	Other Structure	Non-Participating	328233.43	320990.58	0:00	0	0:00	0
947	Other Structure	Non-Participating	328235.42	321359.05	0:00	0	0:00	0
948	Other Structure	Non-Participating	328286.16	321910.65	0:00	0	0:00	0
949	Other Structure	Non-Participating	328288.12	322112.27	0:00	0	0:00	0
950	Other Structure	Non-Participating	328226.29	322129.06	0:00	0	0:00	0
951	Other Structure	Non-Participating	326739.25	322251.25	0:00	0	0:00	0
952	Other Structure	Non-Participating	326828.03	322230.17	0:00	0	0:00	0
953	Other Structure	Non-Participating	326827.94	322215.81	0:00	0	0:00	0
954	Other Structure	Non-Participating	326824.93	322048.39	0:00	0	0:00	0
955	Other Structure	Non-Participating	326714.74	322072.12	0:00	0	0:00	0
956	Other Structure	Non-Participating	326656.71	322061.58	0:00	0	0:00	0
957	Other Structure	Non-Participating	326693.96	322078.13	0:00	0	0:00	0
958	Other Structure	Non-Participating	326519.94	322211.94	0:00	0	0:00	0
959	Other Structure	Non-Participating	326630.13	322222.25	0:00	0	0:00	0
960	Other Structure	Non-Participating	326632.01	322281.28	0:00	0	0:00	0
961	Other Structure	Non-Participating	326633.24	322312.83	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
962	Other Structure	Non-Participating	326665.42	322305.33	0:00	0	0:00	0
965	Other Structure	Non-Participating	326196.23	322564.38	0:00	0	0:00	0
966	Other Structure	Non-Participating	326383.45	322524.57	0:00	0	0:00	0
967	Other Structure	Non-Participating	326324.75	322541.18	0:00	0	0:00	0
968	Other Structure	Non-Participating	326550.76	322425.15	0:00	0	0:00	0
970	Other Structure	Non-Participating	326730.97	322488.43	0:00	0	0:00	0
971	Other Structure	Non-Participating	326995.35	322437.26	0:00	0	0:00	0
972	Other Structure	Non-Participating	327041.02	322689.95	0:00	0	0:00	0
973	Other Structure	Non-Participating	327002.98	322848.57	0:00	0	0:00	0
974	Other Structure	Non-Participating	327078.81	323018.33	0:00	0	0:00	0
975	Other Structure	Non-Participating	327112.66	323288.45	0:00	0	0:00	0
976	Other Structure	Non-Participating	327115.74	322224.52	0:00	0	0:00	0
977	Other Structure	Non-Participating	327222.72	322271.45	0:00	0	0:00	0
978	Other Structure	Non-Participating	327125.55	322375.49	0:00	0	0:00	0
979	Other Structure	Non-Participating	327215.16	322375.70	0:00	0	0:00	0
980	Other Structure	Non-Participating	327276.94	322360.52	0:00	0	0:00	0
981	Other Structure	Non-Participating	327411.08	322406.05	0:00	0	0:00	0
982	Other Structure	Non-Participating	327465.45	322338.70	0:00	0	0:00	0
983	Other Structure	Non-Participating	327627.60	322413.81	0:00	0	0:00	0
984	Other Structure	Non-Participating	327790.78	322121.55	0:00	0	0:00	0
985	Other Structure	Non-Participating	327833.48	322215.18	0:00	0	0:00	0
986	Other Structure	Non-Participating	327788.28	322178.27	0:00	0	0:00	0
987	Other Structure	Non-Participating	328207.05	322302.38	0:00	0	0:00	0
988	Other Structure	Non-Participating	328602.70	322447.82	0:00	0	0:00	0
989	Other Structure	Non-Participating	329035.18	322249.44	0:00	0	0:00	0
990	Other Structure	Non-Participating	329252.46	322156.17	0:00	0	0:00	0
991	Other Structure	Non-Participating	329914.09	321570.03	0:00	0	0:00	0
992	Other Structure	Non-Participating	329968.23	321343.49	0:00	0	0:00	0
993	Other Structure	Non-Participating	325120.41	322599.65	0:00	0	0:00	0
994	Other Structure	Non-Participating	324446.37	322763.30	0:00	0	0:00	0
995	Other Structure	Non-Participating	324374.20	322447.69	0:00	0	0:00	0
996	Other Structure	Non-Participating	324339.02	322221.96	0:00	0	0:00	0
997	Other Structure	Non-Participating	324148.28	321742.60	0:00	0	0:00	0
999	Other Structure	Non-Participating	324301.43	321524.92	0:00	0	0:00	0
1000	Other Structure	Non-Participating	324271.58	321564.88	0:00	0	0:00	0
1001	Other Structure	Non-Participating	324229.01	321561.68	0:00	0	0:00	0
1002	Other Structure	Non-Participating	324338.95	321479.73	0:00	0	0:00	0
1004	Other Structure	Non-Participating	323941.87	321372.15	0:00	0	0:00	0
1005	Other Structure	Non-Participating	325147.48	321608.38	0:00	0	0:00	0
1006	Other Structure	Non-Participating	324722.36	321815.03	0:00	0	0:00	0
1007	Other Structure	Non-Participating	325728.29	321416.90	0:00	0	0:00	0
1008	Other Structure	Non-Participating	324178.87	322397.91	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1009	Other Structure	Non-Participating	323718.82	322666.55	0:00	0	0:00	0
1010	Other Structure	Non-Participating	323730.40	322622.06	0:00	0	0:00	0
1011	Other Structure	Non-Participating	323958.93	323146.08	0:00	0	0:00	0
1012	Other Structure	Non-Participating	324001.40	322885.14	0:00	0	0:00	0
1013	Other Structure	Non-Participating	323766.56	323030.05	0:00	0	0:00	0
1014	Other Structure	Non-Participating	323889.82	323141.21	0:00	0	0:00	0
1015	Other Structure	Non-Participating	323840.09	323165.41	0:00	0	0:00	0
1016	Other Structure	Non-Participating	323567.31	323030.20	0:00	0	0:00	0
1020	Other Structure	Non-Participating	329973.81	321926.85	0:00	0	0:00	0
1021	Other Structure	Non-Participating	329911.73	322977.07	0:00	0	0:00	0
1022	Other Structure	Non-Participating	329829.87	322944.56	0:00	0	0:00	0
1023	Other Structure	Non-Participating	330306.05	323247.13	0:00	0	0:00	0
1024	Other Structure	Non-Participating	330322.99	323252.16	0:00	0	0:00	0
1026	Other Structure	Non-Participating	330023.95	323915.34	0:00	0	0:00	0
1027	Other Structure	Non-Participating	329976.66	323989.52	0:00	0	0:00	0
1028	Other Structure	Non-Participating	330015.41	325006.53	0:00	0	0:00	0
1029	Other Structure	Non-Participating	330021.35	325107.16	0:00	0	0:00	0
1030	Other Structure	Non-Participating	330000.97	325150.51	0:00	0	0:00	0
1031	Other Structure	Non-Participating	329998.76	325266.03	0:00	0	0:00	0
1032	Other Structure	Non-Participating	330083.43	325328.10	0:00	0	0:00	0
1033	Other Structure	Non-Participating	330162.79	325409.00	0:00	0	0:00	0
1034	Other Structure	Non-Participating	330097.74	325547.50	0:00	0	0:00	0
1035	Other Structure	Non-Participating	330164.32	325727.51	0:00	0	0:00	0
1036	Other Structure	Non-Participating	330665.24	326426.28	0:00	0	0:00	0
1037	Other Structure	Non-Participating	330197.33	325127.39	0:00	0	0:00	0
1038	Other Structure	Non-Participating	330594.93	325074.13	0:00	0	0:00	0
1039	Other Structure	Non-Participating	330604.94	324953.69	0:00	0	0:00	0
1040	Other Structure	Non-Participating	331068.24	325078.89	0:00	0	0:00	0
1041	Other Structure	Non-Participating	331033.86	324866.56	0:00	0	0:00	0
1042	Other Structure	Non-Participating	329945.40	323560.42	0:00	0	0:00	0
1043	Other Structure	Non-Participating	329311.77	323906.07	0:00	0	0:00	0
1044	Other Structure	Non-Participating	329797.34	325002.99	0:00	0	0:00	0
1045	Other Structure	Non-Participating	329873.77	324933.14	0:00	0	0:00	0
1052	Other Structure	Non-Participating	326987.84	323478.50	0:00	0	0:00	0
1063	Other Structure	Non-Participating	327897.56	325767.53	0:00	0	0:00	0
1064	Other Structure	Non-Participating	328026.71	326100.95	0:00	0	0:00	0
1065	Other Structure	Non-Participating	327522.50	326326.75	0:00	0	0:00	0
1066	Other Structure	Non-Participating	327019.84	326783.77	0:00	0	0:00	0
1067	Other Structure	Non-Participating	327016.51	326842.12	0:00	0	0:00	0
1068	Other Structure	Non-Participating	326579.85	326875.91	0:00	0	0:00	0
1069	Other Structure	Non-Participating	326457.74	326912.81	0:00	0	0:00	0
1070	Other Structure	Non-Participating	326827.72	327124.85	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1071	Other Structure	Non-Participating	326671.04	327339.74	0:00	0	0:00	0
1072	Other Structure	Non-Participating	326851.00	327525.88	0:00	0	0:00	0
1073	Other Structure	Non-Participating	328550.01	322612.44	0:00	0	0:00	0
1074	Other Structure	Non-Participating	328499.86	322743.78	0:00	0	0:00	0
1075	Other Structure	Non-Participating	328582.36	322871.75	0:00	0	0:00	0
1076	Other Structure	Non-Participating	328465.75	323063.51	0:00	0	0:00	0
1077	Other Structure	Non-Participating	330076.16	326323.82	0:00	0	0:00	0
1078	Other Structure	Non-Participating	329857.22	326326.74	0:00	0	0:00	0
1079	Other Structure	Non-Participating	329661.00	326892.42	0:00	0	0:00	0
1080	Other Structure	Non-Participating	329781.42	327276.00	0:00	0	0:00	0
1081	Other Structure	Non-Participating	329670.12	327432.08	0:00	0	0:00	0
1082	Other Structure	Non-Participating	329769.86	327548.61	0:00	0	0:00	0
1084	Other Structure	Non-Participating	327890.07	327531.14	0:00	0	0:00	0
1085	Other Structure	Non-Participating	327745.99	327175.04	0:00	0	0:00	0
1086	Other Structure	Non-Participating	327712.03	327144.66	0:00	0	0:00	0
1087	Other Structure	Non-Participating	327403.30	326820.12	0:00	0	0:00	0
1088	Other Structure	Non-Participating	326599.31	326178.73	0:00	0	0:00	0
1089	Other Structure	Non-Participating	326398.66	326636.40	0:00	0	0:00	0
1090	Other Structure	Non-Participating	326339.69	326934.82	0:00	0	0:00	0
1093	Other Structure	Non-Participating	325895.39	326973.96	0:00	0	0:00	0
1094	Other Structure	Non-Participating	325744.51	327209.49	0:00	0	0:00	0
1095	Other Structure	Non-Participating	325742.99	327549.78	0:00	0	0:00	0
1096	Other Structure	Non-Participating	325606.79	328054.27	0:00	0	0:00	0
1097	Other Structure	Non-Participating	325665.49	328119.62	0:00	0	0:00	0
1098	Other Structure	Non-Participating	325679.50	328218.76	0:00	0	0:00	0
1099	Other Structure	Non-Participating	325753.53	328312.85	0:00	0	0:00	0
1100	Other Structure	Non-Participating	325765.49	328284.83	0:00	0	0:00	0
1101	Other Structure	Non-Participating	325750.43	328267.35	0:00	0	0:00	0
1102	Other Structure	Non-Participating	325463.26	326968.72	0:00	0	0:00	0
1103	Other Structure	Non-Participating	325665.82	328395.13	0:00	0	0:00	0
1104	Other Structure	Non-Participating	325628.64	328532.60	0:00	0	0:00	0
1105	Other Structure	Non-Participating	326366.82	328532.77	0:00	0	0:00	0
1106	Other Structure	Non-Participating	326866.25	328429.98	0:00	0	0:00	0
1107	Other Structure	Non-Participating	326870.82	328466.60	0:00	0	0:00	0
1108	Other Structure	Non-Participating	326022.61	325718.83	0:00	0	0:00	0
1109	Other Structure	Non-Participating	325639.01	326011.45	0:00	0	0:00	0
1110	Other Structure	Non-Participating	325723.58	326051.31	0:00	0	0:00	0
1111	Other Structure	Non-Participating	325729.76	326112.44	0:00	0	0:00	0
1112	Other Structure	Non-Participating	325741.40	326218.44	0:00	0	0:00	0
1113	Other Structure	Non-Participating	325644.77	326799.79	0:00	0	0:00	0
1114	Other Structure	Non-Participating	325254.34	326799.37	0:00	0	0:00	0
1115	Other Structure	Non-Participating	325240.75	326892.41	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1116	Other Structure	Non-Participating	325367.16	326963.48	0:00	0	0:00	0
1117	Other Structure	Non-Participating	324636.50	328365.31	0:00	0	0:00	0
1118	Other Structure	Non-Participating	323920.13	328066.70	0:00	0	0:00	0
1119	Other Structure	Non-Participating	324098.99	327992.87	0:00	0	0:00	0
1120	Other Structure	Non-Participating	324300.97	327935.49	0:00	0	0:00	0
1124	Other Structure	Non-Participating	323667.05	327394.95	0:00	0	0:00	0
1142	Other Structure	Non-Participating	325531.74	326674.47	0:00	0	0:00	0
1143	Other Structure	Non-Participating	328104.06	320425.18	0:00	0	0:00	0
1149	Other Structure	Non-Participating	329968.54	325124.57	0:00	0	0:00	0
1151	Other Structure	Non-Participating	330048.73	326332.33	0:00	0	0:00	0
1154	Other Structure	Non-Participating	325855.64	326639.69	0:00	0	0:00	0
1155	Other Structure	Non-Participating	325009.86	326305.83	0:00	0	0:00	0
1170	Uninhabitable Residence	Non-Participating	329676.46	327804.52	0:00	0	0:00	0
1180	Other Structure	Non-Participating	323341.35	322399.75	0:00	0	0:00	0
1181	Other Structure	Non-Participating	326889.51	320634.53	0:00	0	0:00	0
1182	Other Structure	Non-Participating	326888.51	320657.54	0:00	0	0:00	0
1204	Other Structure	Non-Participating	315578.61	331517.42	0:00	0	0:00	0
1286	Other Structure	Non-Participating	322378.49	323100.70	0:00	0	0:00	0
1302	Other Structure	Non-Participating	313003.01	327003.84	0:00	0	0:00	0
1303	Other Structure	Non-Participating	314724.48	331396.45	0:00	0	0:00	0
1304	Other Structure	Non-Participating	314236.77	327373.63	0:00	0	0:00	0
1305	Other Structure	Non-Participating	313962.55	327631.86	0:00	0	0:00	0
1306	Other Structure	Non-Participating	313478.52	328774.88	0:00	0	0:00	0
1307	Other Structure	Non-Participating	314359.62	330014.40	0:00	0	0:00	0
1308	Other Structure	Non-Participating	315753.64	332138.16	0:00	0	0:00	0
1309	Other Structure	Non-Participating	317146.03	332061.13	0:00	0	0:00	0
1310	Other Structure	Non-Participating	318050.11	332095.73	0:00	0	0:00	0
1311	Other Structure	Non-Participating	318861.46	332982.28	0:00	0	0:00	0
1312	Other Structure	Non-Participating	318701.47	333470.70	0:00	0	0:00	0
1313	Other Structure	Non-Participating	318830.31	333476.40	0:00	0	0:00	0
1314	Other Structure	Non-Participating	319219.03	333313.90	0:00	0	0:00	0
1315	Other Structure	Non-Participating	319558.52	333306.26	0:00	0	0:00	0
1316	Other Structure	Non-Participating	317317.04	333551.41	0:00	0	0:00	0
1317	Other Structure	Non-Participating	318928.89	332985.76	0:00	0	0:00	0
1318	Other Structure	Non-Participating	318940.58	332181.83	0:00	0	0:00	0
1319	Other Structure	Non-Participating	319002.13	332103.01	0:00	0	0:00	0
1320	Other Structure	Non-Participating	318928.16	331682.94	0:00	0	0:00	0
1321	Other Structure	Non-Participating	318457.26	331635.95	0:00	0	0:00	0
1322	Other Structure	Non-Participating	318283.85	331698.53	0:00	0	0:00	0
1323	Other Structure	Non-Participating	316854.34	330952.33	0:00	0	0:00	0
1324	Other Structure	Non-Participating	316842.78	330513.60	0:00	0	0:00	0
1325	Other Structure	Non-Participating	315338.46	330221.76	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1326	Other Structure	Non-Participating	315769.32	330184.48	0:00	0	0:00	0
1330	Other Structure	Non-Participating	314820.52	328833.90	0:00	0	0:00	0
1331	Other Structure	Non-Participating	314731.75	328934.19	0:00	0	0:00	0
1333	Other Structure	Non-Participating	315252.38	325610.21	0:00	0	0:00	0
1334	Other Structure	Non-Participating	315252.83	324271.48	0:00	0	0:00	0
1335	Other Structure	Non-Participating	315888.75	324226.64	0:00	0	0:00	0
1336	Other Structure	Non-Participating	315942.67	324199.68	0:00	0	0:00	0
1337	Other Structure	Non-Participating	315832.35	324123.20	0:00	0	0:00	0
1338	Other Structure	Non-Participating	315751.58	323624.11	0:00	0	0:00	0
1339	Other Structure	Non-Participating	316078.36	323937.35	0:00	0	0:00	0
1340	Other Structure	Non-Participating	316142.51	323662.02	0:00	0	0:00	0
1341	Other Structure	Non-Participating	316235.27	323668.24	0:00	0	0:00	0
1342	Other Structure	Non-Participating	316592.95	323519.61	0:00	0	0:00	0
1343	Other Structure	Non-Participating	315928.09	324319.75	0:00	0	0:00	0
1344	Other Structure	Non-Participating	316204.61	324208.18	0:00	0	0:00	0
1345	Other Structure	Non-Participating	318285.87	324060.86	0:00	0	0:00	0
1346	Other Structure	Non-Participating	318330.71	323924.89	0:00	0	0:00	0
1347	Other Structure	Non-Participating	317924.80	323615.41	0:00	0	0:00	0
1366	Other Structure	Non-Participating	320578.83	331496.39	0:00	0	0:00	0
1367	Other Structure	Non-Participating	320240.75	331397.70	0:00	0	0:00	0
1368	Other Structure	Non-Participating	319933.28	332566.55	0:00	0	0:00	0
1369	Other Structure	Non-Participating	321023.01	331014.06	0:00	0	0:00	0
1370	Other Structure	Non-Participating	321929.28	329227.03	0:00	0	0:00	0
1371	Other Structure	Non-Participating	322288.73	329298.61	0:00	0	0:00	0
1372	Other Structure	Non-Participating	323180.50	329372.93	0:00	0	0:00	0
1373	Other Structure	Non-Participating	322775.23	330114.71	0:00	0	0:00	0
1374	Other Structure	Non-Participating	322703.97	330871.45	0:00	0	0:00	0
1375	Other Structure	Non-Participating	323270.92	329761.67	0:00	0	0:00	0
1376	Other Structure	Non-Participating	323329.15	329708.23	0:00	0	0:00	0
1377	Other Structure	Non-Participating	323498.59	329812.09	0:00	0	0:00	0
1378	Other Structure	Non-Participating	323290.46	329840.43	0:00	0	0:00	0
1379	Other Structure	Non-Participating	324572.39	329653.98	0:00	0	0:00	0
1380	Other Structure	Non-Participating	323764.61	329463.24	0:00	0	0:00	0
1381	Other Structure	Non-Participating	324000.09	329100.09	0:00	0	0:00	0
1382	Other Structure	Non-Participating	323469.68	328122.91	0:00	0	0:00	0
1383	Other Structure	Non-Participating	323305.27	328251.07	0:00	0	0:00	0
1384	Other Structure	Non-Participating	322996.15	329319.66	0:00	0	0:00	0
1388	Other Structure	Non-Participating	321924.39	327555.91	0:00	0	0:00	0
1390	Other Structure	Non-Participating	322378.05	327831.14	0:00	0	0:00	0
1396	Other Structure	Non-Participating	321561.34	325443.95	0:00	0	0:00	0
1398	Other Structure	Non-Participating	319828.35	325368.69	0:00	0	0:00	0
1399	Other Structure	Non-Participating	319408.77	323882.38	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1400	Other Structure	Non-Participating	319369.46	323944.70	0:00	0	0:00	0
1401	Other Structure	Non-Participating	319340.92	323904.95	0:00	0	0:00	0
1402	Other Structure	Non-Participating	319610.74	323757.30	0:00	0	0:00	0
1403	Other Structure	Non-Participating	319775.51	323580.80	0:00	0	0:00	0
1404	Other Structure	Non-Participating	319084.50	322427.86	0:00	0	0:00	0
1405	Other Structure	Non-Participating	319110.58	322696.95	0:00	0	0:00	0
1407	Other Structure	Non-Participating	320562.51	322376.65	0:00	0	0:00	0
1408	Other Structure	Non-Participating	321285.77	322609.63	0:00	0	0:00	0
1420	Other Structure	Non-Participating	314397.28	329980.92	0:00	0	0:00	0
1424	Other Structure	Non-Participating	316379.15	328938.57	0:00	0	0:00	0
1435	Uninhabitable Residence	Non-Participating	323164.68	329684.71	0:00	0	0:00	0
1436	Uninhabitable Residence	Non-Participating	323216.50	329943.53	0:00	0	0:00	0
1437	Uninhabitable Residence	Non-Participating	320795.04	323737.37	0:00	0	0:00	0
1495	Uninhabitable Residence	Non-Participating	313666.97	328664.44	0:00	0	0:00	0
1518	Other Structure	Non-Participating	314311.74	330093.18	0:00	0	0:00	0
1560	Uninhabitable Residence	Non-Participating	318770.01	333472.83	0:00	0	0:00	0
1591	Other Structure	Non-Participating	316752.13	330029.39	0:00	0	0:00	0
1594	Other Structure	Non-Participating	315955.43	329955.99	0:00	0	0:00	0
1596	Other Structure	Non-Participating	315780.10	330089.50	0:00	0	0:00	0
1663	Other Structure	Non-Participating	315191.09	325642.82	0:00	0	0:00	0
1798	Other Structure	Non-Participating	318265.60	324749.32	0:00	0	0:00	0
1923	Other Structure	Non-Participating	320514.55	330716.65	0:00	0	0:00	0
1924	Uninhabitable Residence	Non-Participating	320473.96	330853.12	0:00	0	0:00	0
1951	Uninhabitable Residence	Non-Participating	320317.19	331577.43	0:00	0	0:00	0
1972	Uninhabitable Residence	Non-Participating	323048.61	329386.03	0:00	0	0:00	0
2017	Uninhabitable Residence	Non-Participating	323350.10	329873.49	0:00	0	0:00	0
2025	Uninhabitable Residence	Non-Participating	323147.65	329856.55	0:00	0	0:00	0
2035	Other Structure	Non-Participating	323505.03	330037.11	0:00	0	0:00	0
2070	Uninhabitable Residence	Non-Participating	323188.70	328677.66	0:00	0	0:00	0
2123	Other Structure	Non-Participating	320035.74	325178.46	0:00	0	0:00	0
2145	Uninhabitable Residence	Non-Participating	321305.89	324003.25	0:00	0	0:00	0
2205	Other Structure	Non-Participating	317703.22	322971.96	0:00	0	0:00	0
2207	Other Structure	Non-Participating	317058.07	322752.09	0:00	0	0:00	0
2209	Other Structure	Non-Participating	319843.13	322657.14	0:00	0	0:00	0
2211	Other Structure	Non-Participating	320289.45	322217.39	0:00	0	0:00	0
2212	Other Structure	Non-Participating	318987.54	322594.00	0:00	0	0:00	0
2214	Other Structure	Non-Participating	321418.73	322722.89	0:00	0	0:00	0
2215	Other Structure	Non-Participating	319010.06	322564.76	0:00	0	0:00	0
2218	Other Structure	Non-Participating	315662.22	322967.73	0:00	0	0:00	0
2219	Other Structure	Non-Participating	321413.78	322721.42	0:00	0	0:00	0
2220	Other Structure	Non-Participating	317067.96	322775.05	0:00	0	0:00	0
2221	Other Structure	Non-Participating	319476.95	322635.90	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2222	Other Structure	Non-Participating	320050.92	322098.04	0:00	0	0:00	0
2223	Other Structure	Non-Participating	317340.93	323389.67	0:00	0	0:00	0
2224	Other Structure	Non-Participating	315711.98	323081.80	0:00	0	0:00	0
2225	Other Structure	Non-Participating	320647.91	322381.46	0:00	0	0:00	0
2226	Other Structure	Non-Participating	319656.17	322701.60	0:00	0	0:00	0
2227	Other Structure	Non-Participating	315593.95	323354.67	0:00	0	0:00	0
2228	Other Structure	Non-Participating	315896.91	324200.07	0:00	0	0:00	0
2231	Other Structure	Non-Participating	322305.25	321259.93	0:00	0	0:00	0
2232	Other Structure	Non-Participating	323657.16	320828.94	0:00	0	0:00	0
2233	Other Structure	Non-Participating	320154.78	322581.04	0:00	0	0:00	0
2234	Other Structure	Non-Participating	321055.55	322623.34	0:00	0	0:00	0
2235	Other Structure	Non-Participating	321579.55	322766.04	0:00	0	0:00	0
2236	Other Structure	Non-Participating	316996.72	322864.03	0:00	0	0:00	0
2237	Other Structure	Non-Participating	319687.26	322630.79	0:00	0	0:00	0
2238	Other Structure	Non-Participating	322327.98	321131.09	0:00	0	0:00	0
2239	Other Structure	Non-Participating	315608.16	323422.04	0:00	0	0:00	0
2241	Other Structure	Non-Participating	320864.63	322486.69	0:00	0	0:00	0
2242	Other Structure	Non-Participating	322360.26	321455.91	0:00	0	0:00	0
2244	Other Structure	Non-Participating	315691.63	323065.30	0:00	0	0:00	0
2245	Other Structure	Non-Participating	320140.82	322597.03	0:00	0	0:00	0
2246	Other Structure	Non-Participating	320049.57	322080.52	0:00	0	0:00	0
2247	Other Structure	Non-Participating	318127.33	322688.93	0:00	0	0:00	0
2248	Other Structure	Non-Participating	317000.80	322821.30	0:00	0	0:00	0
2249	Other Structure	Non-Participating	317501.17	323331.39	0:00	0	0:00	0
2250	Other Structure	Non-Participating	320284.65	322219.83	0:00	0	0:00	0
2252	Other Structure	Non-Participating	314311.30	323836.85	0:00	0	0:00	0
2253	Other Structure	Non-Participating	321448.05	322679.46	0:00	0	0:00	0
2254	Other Structure	Non-Participating	322454.19	321494.32	0:00	0	0:00	0
2255	Other Structure	Non-Participating	322788.16	320590.09	0:00	0	0:00	0
2256	Other Structure	Non-Participating	321506.83	322735.91	0:00	0	0:00	0
2259	Other Structure	Non-Participating	319480.80	322537.90	0:00	0	0:00	0
2260	Other Structure	Non-Participating	315825.24	323999.20	0:00	0	0:00	0
2261	Other Structure	Non-Participating	319734.70	322582.16	0:00	0	0:00	0
2262	Other Structure	Non-Participating	320005.93	322720.19	0:00	0	0:00	0
2263	Other Structure	Non-Participating	323644.09	320846.32	0:00	0	0:00	0
2264	Other Structure	Non-Participating	315589.26	323539.59	0:00	0	0:00	0
2265	Other Structure	Non-Participating	319101.18	322547.51	0:00	0	0:00	0
2266	Other Structure	Non-Participating	314015.93	324412.05	0:00	0	0:00	0
2267	Other Structure	Non-Participating	315834.15	324000.79	0:00	0	0:00	0
2268	Other Structure	Non-Participating	321670.28	322746.73	0:00	0	0:00	0
2269	Other Structure	Non-Participating	319813.07	322633.01	0:00	0	0:00	0
2271	Other Structure	Non-Participating	321518.86	322735.63	0:00	0	0:00	0

Table B-2.I: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2274	Other Structure	Non-Participating	320123.08	322442.56	0:00	0	0:00	0
2275	Other Structure	Non-Participating	320622.75	322395.61	0:00	0	0:00	0
2276	Other Structure	Non-Participating	317639.38	322691.29	0:00	0	0:00	0
2277	Other Structure	Non-Participating	319527.20	322513.06	0:00	0	0:00	0
2279	Other Structure	Non-Participating	315815.59	324151.20	0:00	0	0:00	0
2280	Other Structure	Non-Participating	314356.99	324372.35	0:00	0	0:00	0
2281	Other Structure	Non-Participating	323007.40	320666.72	0:00	0	0:00	0
2283	Other Structure	Non-Participating	320698.38	322515.38	0:00	0	0:00	0
2284	Other Structure	Non-Participating	319080.34	322576.24	0:00	0	0:00	0
2287	Other Structure	Non-Participating	319349.55	323904.91	0:00	0	0:00	0
2299	Uninhabitable Residence	Non-Participating	318489.23	333474.94	0:00	0	0:00	0
2303	Other Structure	Non-Participating	322825.06	330139.69	0:00	0	0:00	0
2305	Other Structure	Non-Participating	315298.19	331494.85	0:00	0	0:00	0
2313	Other Structure	Non-Participating	314837.21	330359.69	0:00	0	0:00	0
2314	Other Structure	Non-Participating	317450.15	323827.68	0:00	0	0:00	0
2315	Other Structure	Non-Participating	317494.63	323738.77	0:00	0	0:00	0
2316	Other Structure	Non-Participating	317498.91	323727.25	0:00	0	0:00	0
2317	Other Structure	Non-Participating	317528.86	323754.60	0:00	0	0:00	0
2318	Other Structure	Non-Participating	315993.28	324226.41	0:00	0	0:00	0
2319	Other Structure	Non-Participating	315970.96	324225.32	0:00	0	0:00	0
2320	Other Structure	Non-Participating	316133.42	324212.00	0:00	0	0:00	0
2321	Other Structure	Non-Participating	316164.61	324281.24	0:00	0	0:00	0
2322	Other Structure	Non-Participating	316151.82	324289.84	0:00	0	0:00	0
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Other Receptors								
1355	Other Structure	Non-Participating	316895.66	327118.47	155:09	79	48:07	2887
2329	Other Structure	Non-Participating	315920.15	328339.92	0:00	0	0:00	0

Table B-2.m: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Other and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
707	Other Structure	Participating	323572.23	324755.20	68:12	54	18:25	1105
1053	Other Structure	Participating	326779.34	323994.06	102:15	56	31:38	1898
1054	Other Structure	Participating	326890.60	324140.60	163:35	75	49:35	2975
1055	Other Structure	Participating	326833.84	324582.29	166:11	66	37:40	2260
1056	Other Structure	Participating	326765.97	324596.30	171:05	58	42:40	2560
1057	Other Structure	Participating	326699.29	324617.22	173:06	64	47:16	2836
1138	Other Structure	Participating	322569.89	325206.55	50:07	39	8:29	509
1139	Other Structure	Participating	323024.33	325025.50	49:35	53	12:35	755
1140	Other Structure	Participating	323002.26	324993.56	48:56	54	12:39	759
1141	Other Structure	Participating	323039.52	324978.30	50:51	52	13:19	799
1161	Other Structure	Participating	323275.69	324990.73	74:22	48	19:33	1173
1391	Other Structure	Participating	321500.12	326342.74	68:14	51	19:34	1174
1392	Other Structure	Participating	321496.88	326287.98	67:52	51	20:12	1212
1397	Other Structure	Participating	322548.01	325197.20	50:41	40	8:33	513
1429	Uninhabitable Residence	Participating	317886.55	328175.99	96:31	68	24:16	1456
2086	Other Structure	Participating	322663.70	326721.51	122:31	95	29:02	1742
2292	Other Structure	Participating	317835.45	326202.77	105:04	66	30:53	1853
2328	Other Structure	Participating	316592.56	326974.92	59:55	50	11:44	704
2331	Other Structure	Participating	318820.70	328960.73	229:34	112	63:49	3829
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
2331	Other Structure	Participating	318820.70	328960.73	229:34	112	63:49	3829
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0

Table B-2.n: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Shadow Flicker [Other and Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
2331	Other Structure	Participating	318820.70	328960.73	229:34	112	63:49	3829
1054	Other Structure	Participating	326890.60	324140.60	163:35	75	49:35	2975
1057	Other Structure	Participating	326699.29	324617.22	173:06	64	47:16	2836
1056	Other Structure	Participating	326765.97	324596.30	171:05	58	42:40	2560
1055	Other Structure	Participating	326833.84	324582.29	166:11	66	37:40	2260
1053	Other Structure	Participating	326779.34	323994.06	102:15	56	31:38	1898
2292	Other Structure	Participating	317835.45	326202.77	105:04	66	30:53	1853
2086	Other Structure	Participating	322663.70	326721.51	122:31	95	29:02	1742
1429	Uninhabitable Residence	Participating	317886.55	328175.99	96:31	68	24:16	1456
1392	Other Structure	Participating	321496.88	326287.98	67:52	51	20:12	1212
1391	Other Structure	Participating	321500.12	326342.74	68:14	51	19:34	1174
1161	Other Structure	Participating	323275.69	324990.73	74:22	48	19:33	1173
707	Other Structure	Participating	323572.23	324755.20	68:12	54	18:25	1105
1141	Other Structure	Participating	323039.52	324978.30	50:51	52	13:19	799
1140	Other Structure	Participating	323002.26	324993.56	48:56	54	12:39	759
1139	Other Structure	Participating	323024.33	325025.50	49:35	53	12:35	755
2328	Other Structure	Participating	316592.56	326974.92	59:55	50	11:44	704
1397	Other Structure	Participating	322548.01	325197.20	50:41	40	8:33	513
1138	Other Structure	Participating	322569.89	325206.55	50:07	39	8:29	509
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Participating Other Receptors								
2331	Other Structure	Participating	318820.70	328960.73	229:34	112	63:49	3829
450	Other Structure	Participating	323252.83	323325.13	0:00	0	0:00	0

Table B-2.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			UTM 2011 State Plane New York Central (FIPS 3102)					
			X (m)	Y (m)				
751	Institutional Structure	Non-Participating	326590.96	321947.96	0:00	0	0:00	0
752	Institutional Structure	Non-Participating	326598.11	321723.67	0:00	0	0:00	0
753	Institutional Structure	Non-Participating	326613.84	321752.77	0:00	0	0:00	0
754	Institutional Structure	Non-Participating	326618.79	321616.43	0:00	0	0:00	0
755	Institutional Structure	Non-Participating	326589.98	321656.57	0:00	0	0:00	0
756	Institutional Structure	Non-Participating	326564.38	321654.53	0:00	0	0:00	0
757	Institutional Structure	Non-Participating	326596.02	321586.60	0:00	0	0:00	0
758	Institutional Structure	Non-Participating	326623.24	321565.50	0:00	0	0:00	0
759	Institutional Structure	Non-Participating	326798.25	321543.40	0:00	0	0:00	0
760	Institutional Structure	Non-Participating	326760.18	321454.92	0:00	0	0:00	0
761	Institutional Structure	Non-Participating	326701.75	321565.69	0:00	0	0:00	0
762	Institutional Structure	Non-Participating	326673.45	321531.69	0:00	0	0:00	0
763	Institutional Structure	Non-Participating	326901.13	321538.15	0:00	0	0:00	0
764	Institutional Structure	Non-Participating	326834.36	321398.28	0:00	0	0:00	0
765	Institutional Structure	Non-Participating	327100.23	321344.02	0:00	0	0:00	0
766	Institutional Structure	Non-Participating	327087.21	321511.41	0:00	0	0:00	0
767	Institutional Structure	Non-Participating	327051.80	321624.76	0:00	0	0:00	0
768	Institutional Structure	Non-Participating	327029.55	321706.30	0:00	0	0:00	0
769	Institutional Structure	Non-Participating	327286.72	321632.83	0:00	0	0:00	0
770	Institutional Structure	Non-Participating	326692.24	321996.52	0:00	0	0:00	0
771	Institutional Structure	Non-Participating	327003.37	321818.98	0:00	0	0:00	0
772	Institutional Structure	Non-Participating	327063.02	321775.07	0:00	0	0:00	0
773	Institutional Structure	Non-Participating	327084.35	321815.47	0:00	0	0:00	0
774	Institutional Structure	Non-Participating	326974.23	321894.22	0:00	0	0:00	0
775	Institutional Structure	Non-Participating	326976.43	321971.91	0:00	0	0:00	0
776	Institutional Structure	Non-Participating	326927.65	322036.24	0:00	0	0:00	0
777	Institutional Structure	Non-Participating	327032.06	322056.30	0:00	0	0:00	0
778	Institutional Structure	Non-Participating	327031.01	322122.27	0:00	0	0:00	0
779	Institutional Structure	Non-Participating	326887.89	322211.67	0:00	0	0:00	0
780	Institutional Structure	Non-Participating	326992.09	322280.69	0:00	0	0:00	0
781	Institutional Structure	Non-Participating	326928.32	322296.76	0:00	0	0:00	0
782	Institutional Structure	Non-Participating	326903.79	322305.84	0:00	0	0:00	0
783	Institutional Structure	Non-Participating	326925.87	322121.48	0:00	0	0:00	0
784	Institutional Structure	Non-Participating	326766.88	322318.91	0:00	0	0:00	0
785	Institutional Structure	Non-Participating	326528.49	322292.14	0:00	0	0:00	0
787	Institutional Structure	Non-Participating	326364.70	322416.29	0:00	0	0:00	0
788	Institutional Structure	Non-Participating	326540.00	322397.40	0:00	0	0:00	0
789	Institutional Structure	Non-Participating	326397.84	322532.17	0:00	0	0:00	0
790	Institutional Structure	Non-Participating	326367.57	322592.43	0:00	0	0:00	0
791	Institutional Structure	Non-Participating	326316.09	322606.67	0:00	0	0:00	0
792	Institutional Structure	Non-Participating	326088.51	322986.36	0:00	0	0:00	0
793	Institutional Structure	Non-Participating	325982.02	322971.49	0:00	0	0:00	0

Table B-2.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
794	Institutional Structure	Non-Participating	325926.09	322989.02	0:00	0	0:00	0
795	Institutional Structure	Non-Participating	326953.44	322387.37	0:00	0	0:00	0
796	Institutional Structure	Non-Participating	327251.12	322318.82	0:00	0	0:00	0
797	Institutional Structure	Non-Participating	325662.43	327220.47	0:00	0	0:00	0
798	Institutional Structure	Non-Participating	325390.01	327360.59	0:00	0	0:00	0
799	Institutional Structure	Non-Participating	326904.24	321787.37	0:00	0	0:00	0
800	Institutional Structure	Non-Participating	325623.37	327287.76	0:00	0	0:00	0
897	Public Structure	Non-Participating	326518.73	322018.50	0:00	0	0:00	0
899	Public Structure	Non-Participating	327353.35	321189.97	0:00	0	0:00	0
900	Public Structure	Non-Participating	327307.02	321232.57	0:00	0	0:00	0
901	Public Structure	Non-Participating	327420.46	320737.79	0:00	0	0:00	0
902	Public Structure	Non-Participating	326003.51	322594.76	0:00	0	0:00	0
903	Public Structure	Non-Participating	326212.43	322681.19	0:00	0	0:00	0
904	Public Structure	Non-Participating	326002.69	323272.01	0:00	0	0:00	0
905	Public Structure	Non-Participating	326820.18	322383.87	0:00	0	0:00	0
906	Public Structure	Non-Participating	326872.15	322362.33	0:00	0	0:00	0
907	Public Structure	Non-Participating	330033.99	325044.25	0:00	0	0:00	0
910	Public Structure	Non-Participating	325503.34	327956.06	0:00	0	0:00	0
969	Institutional Structure	Non-Participating	326116.55	322942.50	0:00	0	0:00	0
1165	Public Structure	Non-Participating	325651.25	327979.21	0:00	0	0:00	0
1175	Public Structure	Non-Participating	328798.91	325209.24	10:31	25	2:52	172
1289	Institutional Structure	Non-Participating	315012.62	330104.68	0:00	0	0:00	0
1290	Institutional Structure	Non-Participating	315047.62	330114.33	0:00	0	0:00	0
1291	Institutional Structure	Non-Participating	315755.50	324703.34	0:00	0	0:00	0
1292	Institutional Structure	Non-Participating	323037.97	329735.76	0:00	0	0:00	0
1293	Institutional Structure	Non-Participating	323481.48	329915.56	0:00	0	0:00	0
1294	Institutional Structure	Non-Participating	323452.15	329906.01	0:00	0	0:00	0
1295	Institutional Structure	Non-Participating	323233.49	329944.11	0:00	0	0:00	0
1296	Institutional Structure	Non-Participating	323343.80	329957.91	0:00	0	0:00	0
1297	Institutional Structure	Non-Participating	323305.69	330058.02	0:00	0	0:00	0
1298	Institutional Structure	Non-Participating	323345.87	330059.13	0:00	0	0:00	0
1299	Institutional Structure	Non-Participating	322059.40	323672.65	9:44	25	2:54	174
1300	Institutional Structure	Non-Participating	322008.16	323597.31	9:10	24	2:48	168
1301	Institutional Structure	Non-Participating	322088.91	323628.57	10:50	26	3:18	198
1410	Public Structure	Non-Participating	314166.02	327544.44	0:00	0	0:00	0
1411	Public Structure	Non-Participating	319293.81	333340.96	0:00	0	0:00	0
1412	Public Structure	Non-Participating	316009.20	324300.01	0:00	0	0:00	0
1413	Public Structure	Non-Participating	316259.98	326540.25	40:01	38	11:26	686
1414	Public Structure	Non-Participating	322869.47	330265.73	0:00	0	0:00	0
1415	Public Structure	Non-Participating	323115.11	329964.65	0:00	0	0:00	0
1416	Public Structure	Non-Participating	323102.00	329679.12	0:00	0	0:00	0
1417	Public Structure	Non-Participating	321254.77	324520.60	50:14	52	15:45	945

Table B-2.o: Unmitigated Total Project Shadow Flicker Modeling Results at Discrete Points - Sorted by Receptor ID [Public and Non-Participating Receptors] - N149-4.X TS 108

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM 2011 State Plane New York Central (FIPS 3102)		Project Only Worst Case Shadow Flicker [Hours per Year]	Project Only Maximum Shadow Flicker [Minutes per Day]	Project Only Expected Shadow Flicker [Hours per Year]	Project Only Expected Shadow Flicker [Minutes per Year]
			X (m)	Y (m)				
1418	Public Structure	Non-Participating	322411.64	320448.65	0:00	0	0:00	0
1510	Public Structure	Non-Participating	314892.40	330042.63	0:00	0	0:00	0
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0
Summary of Maximum and Minimum Shadow Flicker for Non-Participating Public Receptors								
1417	Public Structure	Non-Participating	321254.77	324520.60	50:14	52	15:45	945
2334	Public Structure	Non-Participating	327629.95	322569.54	0:00	0	0:00	0