

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Electricity Service Classification No. 7  
Shared and Local Facilities Rate Class Revenue Requirements  
Rate Year 1 Compressed

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	
	Residential Svc	Small General Service	Large General Service			Large General Service				
	SC-1	SC-2ND	SC-2D	Secondary	Primary	Sub/Transmission	Sec/Primary	Subtransmission	Transmission	TOTAL
1. Total Revenue Requirement	\$823,525,624	\$65,910,726	\$156,445,195	\$110,100,937	\$37,983,189	\$6,413,546	\$24,429,277	\$13,024,164	\$42,372,048	\$1,280,204,708
2. Less: Customer Charge Revenue	\$204,408,559	\$22,677,307	\$21,905,886	\$20,413,706	\$4,392,835	\$1,856,365	\$1,567,641	\$2,140,153	\$5,882,695	\$285,245,147
3. Less: Reactive Demand Revenue	N/A	N/A	N/A	\$274,723	\$315,437	\$211,001	\$262,428	\$475,537	\$1,268,947	\$2,808,073
4. Less: NYPA SurCredit Revenue	N/A	N/A	-\$4,909	-\$209,878	-\$242,239	-\$168,579	-\$265,362	-\$318,815	-\$3,035,109	-\$4,244,892
5. Balance of Rev Req (line 1 - line 2 - line 3 - line 4)	\$619,117,066	\$43,233,418	\$134,544,218	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516	\$996,396,380
6. Standby ACOS Study - Shared Allocation %	30.8%	24.6%	63.6%	79.9%	84.4%	76.8%	89.1%	86.0%	74.7%	
7. Shared Revenue Requirement (Line 1 * Line 6)	\$253,694,930	\$16,218,349	\$99,458,125	\$87,969,287	\$32,055,554	\$4,925,896	\$21,776,000	\$11,195,256	\$31,657,967	\$558,951,365
<b>As-Used Charge Delivery Requirement</b> (Min of Line 5, 8. Line 7)	\$253,694,930	\$16,218,349	\$99,458,125	\$87,969,287	\$32,055,554	\$4,514,759	\$21,776,000	\$10,727,289	\$31,657,967	\$558,072,261
<b>Contract Demand Charge Delivery Requirement</b> (Max of 9. 0, Line 5 - Line 8)	\$365,422,135	\$27,015,070	\$35,086,094	\$1,653,099	\$1,461,602	\$0	\$1,088,571	\$0	\$6,597,549	\$438,324,119
10. Excluded Revenue From Local for Buy-back	\$0	\$0	\$0	\$0	\$1,619,212	\$0	\$1,757,101	\$52,847	\$1,835,708	\$5,264,868
<b>Buy-back Contract Charge Delivery Revenue</b> 11. <b>Requirement</b> (Max of 0, Line 9 - Line 10)	\$365,422,135	\$27,015,070	\$35,086,094	\$1,653,099	\$0	\$0	\$0	\$0	\$4,761,841	\$433,938,238
<b>Revenue Neutrality Check 1:</b>										
12. Parent Class T&D Rate (\$/kWh, kW)	\$0.08768	\$0.09902	\$16.99	\$14.28	\$12.88	\$4.07	\$14.07	\$4.97	\$4.36	
13. Parent Class Delivery kWh, kW	7,061,014,837	436,612,990	7,919,024	6,276,077	2,602,264	1,109,277	1,625,058	2,158,408	8,774,201	7,528,092,138
14. Parent Class Target T&D Revenue (Line 12 * Line 13)	\$619,117,066	\$43,233,418	\$134,544,218	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516	\$996,396,380
15. SC7 As Used Charge Delivery Revenue (line 8)	\$253,694,930	\$16,218,349	\$99,458,125	\$87,969,287	\$32,055,554	\$4,514,759	\$21,776,000	\$10,727,289	\$31,657,967	\$558,072,261
16. SC7 Contract Charge Delivery Revenue (line 9)	\$365,422,135	\$27,015,070	\$35,086,094	\$1,653,099	\$1,461,602	\$0	\$1,088,571	\$0	\$6,597,549	\$438,324,119
17. SC7 T&D Revenue (line 15 + line 16)	\$619,117,066	\$43,233,418	\$134,544,218	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516	\$996,396,380
18. Difference (line 14- line 17)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Neutrality Check 2:</b>										
19. SC7 T&D Revenue (line 17)	\$619,117,066	\$43,233,418	\$134,544,218	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516	\$996,396,380
20. SC7 Customer Charge revenue (line 2)	\$204,408,559	\$22,677,307	\$21,905,886	\$20,413,706	\$4,392,835	\$1,856,365	\$1,567,641	\$2,140,153	\$5,882,695	\$285,245,147
21. SC7 Reactive Charge Revenue (line 3)	N/A	N/A	N/A	\$274,723	\$315,437	\$211,001	\$262,428	\$475,537	\$1,268,947	\$2,808,073
22. NYPA SurCredit Revenue line 4)	N/A	N/A	-\$4,909	-\$209,878	-\$242,239	-\$168,579	-\$265,362	-\$318,815	-\$3,035,109	-\$4,244,892
23. SC7 Total Revenue (sum line 19 thru line 22)	\$823,525,624	\$65,910,726	\$156,445,195	\$110,100,937	\$37,983,189	\$6,413,546	\$24,429,277	\$13,024,164	\$42,372,048	\$1,280,204,708
24. Total Revenue Requirement (line 1)	\$823,525,624	\$65,910,726	\$156,445,195	\$110,100,937	\$37,983,189	\$6,413,546	\$24,429,277	\$13,024,164	\$42,372,048	\$1,280,204,708
25. Difference (line 24 - line 23)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

Lines 1-4 from Appendix 2, Schedule 3C, Pages 5-6

Line 6 from Appendix 2, Schedule 5.6; Result of Decision Tree Methodology

Line 10 from Appendix 2, Schedule 5.6; Result of Decision Tree Methodology

Line 12, Column (B) rate is the sum of the SC1 and SC1C T&D Revenue (line 12) divided by the sum of SC1 and SC1C forecasted kWh

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Electricity Service Classification No. 7  
Shared and Local Facilities Rate Class Revenue Requirements  
Rate Year 2 Including a Portion of Rate Year 1 Compression

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	
	Residential Svc	Small General Service	Large General Service SC-3			Large General Service SC-3A				
	SC-1	SC-2ND	SC-2D	Secondary	Primary	Sub/Transmission	Sec/Primary	Subtransmission	Transmission	TOTAL
1. Total Revenue Requirement	\$1,526,838,491	\$122,803,080	\$291,517,960	\$205,666,702	\$70,954,091	\$11,850,538	\$46,263,747	\$24,438,352	\$81,739,449	\$2,382,072,409
2. Less: Customer Charge Revenue	\$350,852,279	\$39,086,942	\$37,757,460	\$39,451,025	\$8,449,995	\$3,571,791	\$3,157,341	\$4,292,936	\$11,829,080	\$498,448,848
3. Less: Reactive Demand Revenue	N/A	N/A	N/A	\$465,447	\$534,607	\$357,775	\$447,020	\$808,436	\$2,157,519	\$4,770,803
4. Less: NYPA SurCredit Revenue	N/A	N/A	-\$8,612	-\$361,131	-\$412,377	-\$286,934	-\$455,560	-\$554,625	-\$5,233,131	-\$7,312,370
5. Balance of Rev Req (line 1 - line 2 - line 3 - line 4)	\$1,175,986,213	\$83,716,138	\$253,769,112	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981	\$1,886,165,127
6. Standby ACOS Study - Shared Allocation %	30.8%	24.6%	63.6%	79.9%	84.4%	76.8%	89.1%	86.0%	74.7%	
7. Shared Revenue Requirement (Line 1 * Line 6)	\$470,357,173	\$30,217,588	\$185,328,987	\$164,325,152	\$59,881,035	\$9,101,754	\$41,239,016	\$21,006,616	\$61,071,034	\$1,042,528,356
<b>As-Used Charge Delivery Requirement</b> (Min of Line 5, 8. Line 7)	\$470,357,173	\$30,217,588	\$185,328,987	\$164,325,152	\$59,881,035	\$8,207,906	\$41,239,016	\$19,891,605	\$61,071,034	\$1,040,519,497
<b>Contract Demand Charge Delivery Requirement</b> (Max of 9. 0, Line 5 - Line 8)	\$705,629,040	\$53,498,549	\$68,440,125	\$1,786,209	\$2,500,831	\$0	\$1,875,929	\$0	\$11,914,947	\$845,645,631
10. Excluded Revenue From Local for Buy-back	\$0	\$0	\$0	\$0	\$1,619,212	\$0	\$1,757,101	\$52,847	\$1,835,708	\$5,264,868
<b>Buy-back Contract Charge Delivery Revenue Requirement</b> (Max of 0, Line 9 - Line 10)	\$705,629,040	\$53,498,549	\$68,440,125	\$1,786,209	\$881,619	\$0	\$118,828	\$0	\$10,079,239	\$840,433,610
<b>Revenue Neutrality Check 1:</b>										
12. Parent Class T&D Rate (\$/kWh, kW)	\$0.09885	\$0.11345	\$18.93	\$15.62	\$14.14	\$4.36	\$15.58	\$5.42	\$4.89	
13. Parent Class Delivery kWh, kW	11,897,038,452	737,912,187	13,405,658	10,634,530	4,411,730	1,882,547	2,767,326	3,670,038	14,925,558	12,686,648,028
14. Parent Class Target T&D Revenue (Line 12 * Line 13)	\$1,175,986,213	\$83,716,138	\$253,769,112	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981	\$1,886,165,127
15. SC7 As Used Charge Delivery Revenue (line 8)	\$470,357,173	\$30,217,588	\$185,328,987	\$164,325,152	\$59,881,035	\$8,207,906	\$41,239,016	\$19,891,605	\$61,071,034	\$1,040,519,497
16. SC7 Contract Charge Delivery Revenue (line 9)	\$705,629,040	\$53,498,549	\$68,440,125	\$1,786,209	\$2,500,831	\$0	\$1,875,929	\$0	\$11,914,947	\$845,645,631
17. SC7 T&D Revenue (line 15 + line 16)	\$1,175,986,213	\$83,716,138	\$253,769,112	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981	\$1,886,165,127
18. Difference (line 14- line 17)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Neutrality Check 2:</b>										
19. SC7 T&D Revenue (line 17)	\$1,175,986,213	\$83,716,138	\$253,769,112	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981	\$1,886,165,127
20. SC7 Customer Charge revenue (line 2)	\$350,852,279	\$39,086,942	\$37,757,460	\$39,451,025	\$8,449,995	\$3,571,791	\$3,157,341	\$4,292,936	\$11,829,080	\$498,448,848
21. SC7 Reactive Charge Revenue (line 3)	N/A	N/A	N/A	\$465,447	\$534,607	\$357,775	\$447,020	\$808,436	\$2,157,519	\$4,770,803
22. NYPA SurCredit Revenue line 4)	N/A	N/A	-\$8,612	-\$361,131	-\$412,377	-\$286,934	-\$455,560	-\$554,625	-\$5,233,131	-\$7,312,370
23. SC7 Total Revenue (sum line 19 thru line 22)	\$1,526,838,491	\$122,803,080	\$291,517,960	\$205,666,702	\$70,954,091	\$11,850,538	\$46,263,747	\$24,438,352	\$81,739,449	\$2,382,072,409
24. Total Revenue Requirement (line 1)	\$1,526,838,491	\$122,803,080	\$291,517,960	\$205,666,702	\$70,954,091	\$11,850,538	\$46,263,747	\$24,438,352	\$81,739,449	\$2,382,072,409
25. Difference (line 24 - line 23)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

Lines 1-4 from Appendix 2, Schedule 3D, Page 2. SC1 Revenue Requirement subtracts SC1 Low Income Discount on Appendix 2, Schedule 3D, Page 2, Column R.  
Line 6 from Appendix 2, Schedule 5.6; Result of Decision Tree Methodology  
Line 10 from Appendix 2, Schedule 5.6; Result of Decision Tree Methodology  
Line 12, Column (B) rate is the sum of the SC1 and SC1C T&D Revenue (line 12) divided by the sum of SC1 and SC1C forecasted kWh

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Electricity Service Classification No. 7  
Shared and Local Facilities Rate Class Revenue Requirements  
Rate Year 3

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	
	Residential Svc	Small General Service	Large General Service			Large General Service				
	SC-1	SC-2ND	SC-2D	Secondary	Primary	Sub/Transmission	Sec/Primary	Subtransmission	Transmission	TOTAL
1. Total Revenue Requirement	\$1,681,380,565	\$135,229,605	\$321,054,621	\$226,415,819	\$78,139,940	\$13,037,127	\$50,985,515	\$26,916,053	\$89,815,988	\$2,622,975,232
2. Less: Customer Charge Revenue	\$351,239,289	\$39,354,907	\$38,016,872	\$44,449,624	\$9,610,067	\$4,011,860	\$3,718,536	\$5,038,390	\$13,954,354	\$509,393,900
3. Less: Reactive Demand Revenue	N/A	N/A	N/A	\$459,911	\$528,275	\$353,559	\$441,317	\$797,090	\$2,127,260	\$4,707,413
4. Less: NYPA SurCredit Revenue	N/A	N/A	-\$8,476	-\$356,702	-\$410,473	-\$285,092	-\$451,133	-\$545,167	-\$4,996,290	-\$7,053,334
5. Balance of Rev Req (line 1 - line 2 - line 3 - line 4)	\$1,330,141,276	\$95,874,698	\$283,046,225	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663	\$2,115,927,253
6. Standby ACOS Study - Shared Allocation %	30.8%	24.6%	63.6%	79.9%	84.4%	76.8%	89.1%	86.0%	74.7%	
7. Shared Revenue Requirement (Line 1 * Line 6)	\$517,965,334	\$33,275,326	\$204,106,559	\$180,903,440	\$65,945,464	\$10,013,109	\$45,447,951	\$23,136,388	\$67,105,361	\$1,147,898,932
<b>As-Used Charge Delivery Requirement</b> (Min of Line 5, 8. Line 7)	\$517,965,334	\$33,275,326	\$204,106,559	\$180,903,440	\$65,945,464	\$8,956,800	\$45,447,951	\$21,625,741	\$67,105,361	\$1,145,331,976
<b>Contract Demand Charge Delivery Requirement</b> (Max of 9. 0, Line 5 - Line 8)	\$812,175,942	\$62,599,372	\$78,939,666	\$959,546	\$2,466,607	\$0	\$1,828,845	\$0	\$11,625,302	\$970,595,278
10. Excluded Revenue From Local for Buy-back	\$0	\$0	\$0	\$0	\$1,619,212	\$0	\$1,757,101	\$52,847	\$1,835,708	\$5,264,868
<b>Buy-back Contract Charge Delivery Revenue</b> 11. <b>Requirement</b> (Max of 0, Line 9 - Line 10)	\$812,175,942	\$62,599,372	\$78,939,666	\$959,546	\$847,395	\$0	\$71,743	\$0	\$9,789,594	\$965,383,257
<b>Revenue Neutrality Check 1:</b>										
12. Parent Class T&D Rate (\$/kWh, kW)	\$0.11037	\$0.13130	\$21.35	\$17.31	\$15.70	\$4.82	\$17.32	\$5.98	\$5.36	
13. Parent Class Delivery kWh, kW	12,051,562,884	730,195,720	13,257,434	10,506,238	4,357,457	1,858,257	2,729,607	3,616,345	14,688,557	12,832,772,499
14. Parent Class Target T&D Revenue (Line 12 * Line 13)	\$1,330,141,276	\$95,874,698	\$283,046,225	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663	\$2,115,927,253
15. SC7 As Used Charge Delivery Revenue (line 8)	\$517,965,334	\$33,275,326	\$204,106,559	\$180,903,440	\$65,945,464	\$8,956,800	\$45,447,951	\$21,625,741	\$67,105,361	\$1,145,331,976
16. SC7 Contract Charge Delivery Revenue (line 9)	\$812,175,942	\$62,599,372	\$78,939,666	\$959,546	\$2,466,607	\$0	\$1,828,845	\$0	\$11,625,302	\$970,595,278
17. SC7 T&D Revenue (line 15 + line 16)	\$1,330,141,276	\$95,874,698	\$283,046,225	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663	\$2,115,927,253
18. Difference (line 14- line 17)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Neutrality Check 2:</b>										
19. SC7 T&D Revenue (line 17)	\$1,330,141,276	\$95,874,698	\$283,046,225	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663	\$2,115,927,253
20. SC7 Customer Charge revenue (line 2)	\$351,239,289	\$39,354,907	\$38,016,872	\$44,449,624	\$9,610,067	\$4,011,860	\$3,718,536	\$5,038,390	\$13,954,354	\$509,393,900
21. SC7 Reactive Charge Revenue (line 3)	N/A	N/A	N/A	\$459,911	\$528,275	\$353,559	\$441,317	\$797,090	\$2,127,260	\$4,707,413
22. NYPA SurCredit Revenue line 4)	N/A	N/A	-\$8,476	-\$356,702	-\$410,473	-\$285,092	-\$451,133	-\$545,167	-\$4,996,290	-\$7,053,334
23. SC7 Total Revenue (sum line 19 thru line 22)	\$1,681,380,565	\$135,229,605	\$321,054,621	\$226,415,819	\$78,139,940	\$13,037,127	\$50,985,515	\$26,916,053	\$89,815,988	\$2,622,975,232
24. Total Revenue Requirement (line 1)	\$1,681,380,565	\$135,229,605	\$321,054,621	\$226,415,819	\$78,139,940	\$13,037,127	\$50,985,515	\$26,916,053	\$89,815,988	\$2,622,975,232
25. Difference (line 24 - line 23)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

Lines 1-4 from Appendix 2, Schedule 3E, Page 2. SC1 Revenue Requirement subtracts SC1 Low Income Discount on Appendix 2, Schedule 3E, Page 2, Column R.  
Line 6 from Appendix 2, Schedule 5.6; Result of Decision Tree Methodology  
Line 10 from Appendix 2, Schedule 5.6; Result of Decision Tree Methodology  
Line 12, Column (B) rate is the sum of the SC1 and SC1C T&D Revenue (line 12) divided by the sum of SC1 and SC1C forecasted kWh

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Electricity Service Classification No. 7  
Shared and Local Facilities Rate Class Revenue Requirements  
Post Rate Year 3

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	
	Residential Svc	Small General Service	Large General Service			Large General Service				
	SC-1	SC-2ND	SC-2D	Secondary	Primary	Sub/Transmission	Sec/Primary	Subtransmission	Transmission	TOTAL
1. Total Revenue Requirement	\$1,621,497,090	\$130,417,615	\$309,519,809	\$218,420,191	\$75,339,640	\$12,584,886	\$49,149,192	\$25,948,195	\$86,575,830	\$2,529,452,449
2. Less: Customer Charge Revenue	\$351,239,289	\$39,354,907	\$38,016,872	\$44,449,624	\$9,610,067	\$4,011,860	\$3,718,536	\$5,038,390	\$13,954,354	\$509,393,900
3. Less: Reactive Demand Revenue	N/A	N/A	N/A	\$459,911	\$528,275	\$353,559	\$441,317	\$797,090	\$2,127,260	\$4,707,413
4. Less: NYPA SurCredit Revenue	N/A	N/A	-\$9,320	-\$367,588	-\$422,000	-\$291,351	-\$458,619	-\$572,776	-\$5,298,736	-\$7,420,392
5. Balance of Rev Req (line 1 - line 2 - line 3 - line 4)	\$1,270,257,801	\$91,062,708	\$271,512,257	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952	\$2,022,771,528
6. Standby ACOS Study - Shared Allocation %	30.8%	24.6%	63.6%	79.9%	84.4%	76.8%	89.1%	86.0%	74.7%	
7. Shared Revenue Requirement (Line 1 * Line 6)	\$499,517,658	\$32,091,262	\$196,773,443	\$174,515,032	\$63,582,178	\$9,665,767	\$43,811,072	\$22,304,440	\$64,684,501	\$1,106,945,353
<b>As-Used Charge Delivery Requirement</b> (Min of Line 5, 8. Line 7)	\$499,517,658	\$32,091,262	\$196,773,443	\$173,878,244	\$63,582,178	\$8,510,818	\$43,811,072	\$20,685,491	\$64,684,501	\$1,103,534,667
<b>Contract Demand Charge Delivery Requirement</b> (Max of 9. 0, Line 5 - Line 8)	\$770,740,143	\$58,971,446	\$74,738,814	\$0	\$2,041,121	\$0	\$1,636,887	\$0	\$11,108,450	\$919,236,861
10. Excluded Revenue From Local for Buy-back	\$0	\$0	\$0	\$0	\$1,619,212	\$0	\$1,757,101	\$52,847	\$1,835,708	\$5,264,868
<b>Buy-back Contract Charge Delivery Revenue</b> 11. <b>Requirement</b> (Max of 0, Line 9 - Line 10)	\$770,740,143	\$58,971,446	\$74,738,814	\$0	\$421,909	\$0	\$0	\$0	\$9,272,743	\$914,145,055
<b>Revenue Neutrality Check 1:</b>										
12. Parent Class T&D Rate (\$/kWh, kW)	\$0.10540	\$0.12471	\$20.48	\$16.55	\$15.06	\$4.58	\$16.65	\$5.72	\$5.16	
13. Parent Class Delivery kWh, kW	12,051,562,884	730,195,720	13,257,434	10,506,238	4,357,457	1,858,257	2,729,607	3,616,345	14,688,557	12,832,772,499
14. Parent Class Target T&D Revenue (Line 12 * Line 13)	\$1,270,257,801	\$91,062,708	\$271,512,257	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952	\$2,022,771,528
15. SC7 As Used Charge Delivery Revenue (line 8)	\$499,517,658	\$32,091,262	\$196,773,443	\$173,878,244	\$63,582,178	\$8,510,818	\$43,811,072	\$20,685,491	\$64,684,501	\$1,103,534,667
16. SC7 Contract Charge Delivery Revenue (line 9)	\$770,740,143	\$58,971,446	\$74,738,814	\$0	\$2,041,121	\$0	\$1,636,887	\$0	\$11,108,450	\$919,236,861
17. SC7 T&D Revenue (line 15 + line 16)	\$1,270,257,801	\$91,062,708	\$271,512,257	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952	\$2,022,771,528
18. Difference (line 14- line 17)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Neutrality Check 2:</b>										
19. SC7 T&D Revenue (line 17)	\$1,270,257,801	\$91,062,708	\$271,512,257	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952	\$2,022,771,528
20. SC7 Customer Charge revenue (line 2)	\$351,239,289	\$39,354,907	\$38,016,872	\$44,449,624	\$9,610,067	\$4,011,860	\$3,718,536	\$5,038,390	\$13,954,354	\$509,393,900
21. SC7 Reactive Charge Revenue (line 3)	N/A	N/A	N/A	\$459,911	\$528,275	\$353,559	\$441,317	\$797,090	\$2,127,260	\$4,707,413
22. NYPA SurCredit Revenue line 4)	N/A	N/A	-\$9,320	-\$367,588	-\$422,000	-\$291,351	-\$458,619	-\$572,776	-\$5,298,736	-\$7,420,392
23. SC7 Total Revenue (sum line 19 thru line 22)	\$1,621,497,090	\$130,417,615	\$309,519,809	\$218,420,191	\$75,339,640	\$12,584,886	\$49,149,192	\$25,948,195	\$86,575,830	\$2,529,452,449
24. Total Revenue Requirement (line 1)	\$1,621,497,090	\$130,417,615	\$309,519,809	\$218,420,191	\$75,339,640	\$12,584,886	\$49,149,192	\$25,948,195	\$86,575,830	\$2,529,452,449
25. Difference (line 24 - line 23)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

Lines 1-4 from Appendix 2, Schedule 3F, Page 2. SC1 Revenue Requirement subtracts SC1 Low Income Discount on Appendix 2, Schedule 3F, Page 2, Column R.  
Line 6 from Appendix 2, Schedule 5.6; Result of Decision Tree Methodology  
Line 10 from Appendix 2, Schedule 5.6; Result of Decision Tree Methodology  
Line 12, Column (B) rate is the sum of the SC1 and SC1C T&D Revenue (line 12) divided by the sum of SC1 and SC1C forecasted kWh



NIAGARA MOHAWK d/b/a NATIONALGRID  
PSC No. 220 Electricity Service Classification No. 7  
Standby and Buyback Rate Design by Parent Service Class  
Rate Year 1 Compressed

Parent Service Class	Delivery Rate a	Delivery kWh/kW (Sep-Mar) b	Total Delivery Revenue (Sep - Mar) c=a*b
SC1	\$0.08889	6,898,103,706	\$613,172,438
SC1C	\$0.03649	162,911,132	\$5,944,627
SC1 Combined		7,061,014,837	\$619,117,066
SC2ND	\$0.09902	436,612,990	\$43,233,418
SC2D	\$16.99	7,919,024	\$134,544,218
SC3 Sec	\$14.28	6,276,077	\$89,622,386
SC3 Pri	\$12.88	2,602,264	\$33,517,156
SC3 Sub/Tran	\$4.07	1,109,277	\$4,514,759
SC3 A Sec/Pri	\$14.07	1,625,058	\$22,864,571
SC3 A Sub	\$4.97	2,158,408	\$10,727,289
SC3 A Tran	\$4.36	8,774,201	\$38,255,516

Revenue Neutral to Parent Service Class

SC7 Service Class d	Contract Demand Charge Requirement (Sep-Mar) e	Contract Demand Units (Sep-Mar) f	Contract Demand Rate g=e/f	As Used Daily Revenue Requirement (Sep-Mar) h	As Used Daily On-Peak Revenue Requirement (Sep-Mar) i=h*0.8	As Used Daily On-Peak Demand Units (Sep-Mar) j	As Used Daily On-Peak Demand Rate k=i/j	As Used Daily Super Peak Revenue Requirement (Sep) l=h-i	As Used Daily Super Peak Demand Units (Sep) m	As Used Daily Super Peak Demand Rate n=l/m	Total Contract Demand/As-Used Revenue (Sep-Mar) o=p*g+j*k+m*n	Revenue Check p=c-o	Buy-back Contract Demand Charge Requirement (Sep-Mar) q	Buy-back Contract Demand Rate r=q/f
SC7/SC1	\$365,422,135	66,548,309	\$5.49	\$253,694,930	\$202,955,944	440,265,842	\$0.4610	\$50,738,986	49,844,508	\$1.0179	619,117,066	\$0	\$365,422,135	\$5.49
SC7/SC2	\$27,015,070	4,570,234	\$5.91	\$16,218,349	\$12,974,679	25,107,263	\$0.5168	\$3,243,670	2,897,622	\$1.1194	43,233,418	\$0	\$27,015,070	\$5.91
SC7/SC2D	\$35,086,094	12,046,419	\$2.91	\$99,458,125	\$79,566,500	93,786,794	\$0.8484	\$19,891,625	14,273,524	\$1.3936	134,544,218	\$0	\$35,086,094	\$2.91
SC7/SC3 Sec	\$1,653,099	7,850,745	\$0.21	\$87,969,287	\$70,375,430	89,755,065	\$0.7841	\$17,593,857	13,717,627	\$1.2826	89,622,386	\$0	\$1,653,099	\$0.21
SC7/SC3 Pri	\$1,461,602	3,252,569	\$0.45	\$32,055,554	\$25,644,443	38,702,958	\$0.6626	\$6,411,111	5,904,419	\$1.0858	33,517,156	\$0	\$0	\$0.00
SC7/SC3 SubT/Tran	\$0	1,444,168	\$0.00	\$4,514,759	\$3,611,807	16,177,232	\$0.2233	\$902,952	2,477,129	\$0.3645	4,514,759	\$0	\$0	\$0.00
SC7/SC3A Sec/Pri	\$1,088,571	1,982,896	\$0.55	\$21,776,000	\$17,420,800	24,312,485	\$0.7165	\$4,355,200	3,762,476	\$1.1575	22,864,571	\$0	\$0	\$0.00
SC7/SC3A SubT	\$0	2,671,462	\$0.00	\$10,727,289	\$8,581,831	34,855,414	\$0.2462	\$2,145,458	5,337,407	\$0.4020	10,727,289	\$0	\$0	\$0.00
SC7/SC3A Tran	\$6,597,549	10,671,183	\$0.62	\$31,657,967	\$25,326,374	137,653,127	\$0.1840	\$6,331,593	20,766,554	\$0.3049	38,255,516	\$0	\$4,761,841	\$0.45

Notes:

- (a) Appendix 2 Schedule 5.1, Page 1, Line 12  
(b) Appendix 2 Schedule 5.1, Page 1, Line 13  
(c) Appendix 2 Schedule 5.1, Page 1, Line 5  
(e) Appendix 2 Schedule 5.1, Page 1, Line 9  
(f) Demand Classes: Parent Service Class kW from Appendix 2, Schedule 3C, Page 4 multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 1, Line 5  
Mass Market Classes: Parent Service Class kW from Appendix 2, Schedule 3C, Page 4 multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 1, Line 5  
(h) Appendix 2 Schedule 5.1, Page 1, Line 8  
(i) 80% of As-Used Daily Demand Revenue Requirement assigned to As-Used Daily On-Peak Revenue Requirement  
(j) & (m) Mass-Market Parent Service Classes: Applied Rate Year Forecast to Company's sample meter interval data to compute as-used billing determinants  
Demand Parent Service Classes: Calculated As-Used Demand Billing Determinants by applying Rate Year Forecast to 2022 Demand Study  
(q) Appendix 2 Schedule 5.1, Page 1, Line 11  
(r) Buyback charges are specific to SC6 customers  
SC7 Customer Charges are the same as the parent rate class

NIAGARA MOHAWK d/b/a NATIONALGRID  
PSC No. 220 Electricity Service Classification No. 7  
Standby and Buyback Rate Design by Parent Service Class  
Rate Year 2 Including a Portion of Rate Year 1 Compression

Parent Service Class	Delivery Rate a	Delivery kWh/kW b	Total Delivery Revenue c=a*b
SC1	\$0.10013	11,622,550,996	\$1,163,766,031
SC1C	\$0.04452	274,487,456	\$12,220,182
SC1 Combined		11,897,038,452	\$1,175,986,213
SC2ND	\$0.11345	737,912,187	\$83,716,138
SC2D	\$18.93	13,405,658	\$253,769,112
SC3 Sec	\$15.62	10,634,530	\$166,111,361
SC3 Pri	\$14.14	4,411,730	\$62,381,866
SC3 Sub/Tran	\$4.36	1,882,547	\$8,207,906
SC3A Sec/Pri	\$15.58	2,767,326	\$43,114,946
SC3A Sub	\$5.42	3,670,038	\$19,891,605
SC3A Tran	\$4.89	14,925,558	\$72,985,981

Revenue Neutral to Parent Service Class

SC7 Service Class d	Contract Demand Charge Revenue Requirement e	Contract Demand Units f	Contract Demand Rate g=e/f	As Used Daily Revenue Requirement h	As Used Daily On-Peak Revenue Requirement i=h*0.6	As Used Daily On-Peak Demand Units j	As Used Daily On-Peak Demand Rate k=i/j	As Used Daily Super Peak Revenue Requirement (Jun-Sep) l=h-i	As Used Daily Super Peak Demand Units (Jun-Sep) m	As Used Daily Super Peak Demand Rate (Jun-Sep) n=l/m	Total Contract Demand/As-Used Revenue o=f*i+g*j+k*m*n	Revenue Check p=c-o	Buy-back Contract Demand Charge Revenue Requirement q	Buy-back Contract Demand Rate r=q/f
SC7/SC1	\$705,629,040	112,126,629	\$6.29	\$470,357,173	\$282,214,304	783,879,421	\$0.3600	\$188,142,869	246,263,174	\$0.7640	1,175,986,213	\$0	\$705,629,040	\$6.29
SC7/SC2	\$53,498,549	7,724,075	\$6.93	\$30,217,588	\$18,130,553	43,493,301	\$0.4169	\$12,087,035	13,266,738	\$0.9111	83,716,138	\$0	\$53,498,549	\$6.93
SC7/SC2D	\$68,440,125	20,393,059	\$3.36	\$185,328,987	\$111,197,392	168,493,778	\$0.6599	\$74,131,595	62,854,070	\$1.1794	253,769,112	\$0	\$68,440,125	\$3.36
SC7/SC3 Sec	\$1,786,209	13,302,595	\$0.13	\$164,325,152	\$98,595,091	158,798,666	\$0.6209	\$65,730,061	58,137,752	\$1.1306	166,111,361	\$0	\$1,786,209	\$0.13
SC7/SC3 Pri	\$2,500,831	5,514,270	\$0.45	\$59,881,035	\$35,928,621	68,088,388	\$0.5277	\$23,952,414	24,625,705	\$0.9727	62,381,866	\$0	\$881,619	\$0.16
SC7/SC3 SubT/Tran	\$0	2,450,963	\$0.00	\$8,207,906	\$4,924,744	28,085,930	\$0.1753	\$3,283,162	10,117,407	\$0.3245	8,207,906	\$0	\$0	\$0.00
SC7/SC3A Sec/Pri	\$1,875,929	3,376,740	\$0.56	\$41,239,016	\$24,743,410	42,520,310	\$0.5819	\$16,495,607	15,238,959	\$1.0825	43,114,946	\$0	\$118,828	\$0.04
SC7/SC3A SubT	\$0	4,542,349	\$0.00	\$19,891,605	\$11,934,963	61,025,515	\$0.1956	\$7,956,642	22,027,977	\$0.3612	19,891,605	\$0	\$0	\$0.00
SC7/SC3A Tran	\$11,914,947	18,151,826	\$0.66	\$61,071,034	\$36,642,620	232,657,044	\$0.1575	\$24,428,414	78,908,198	\$0.3096	72,985,981	\$0	\$10,079,239	\$0.56

Notes:

- (a) Appendix 2 Schedule 5.1, Page 2, Line 12  
(b) Appendix 2 Schedule 5.1, Page 2, Line 13  
(c) Appendix 2 Schedule 5.1, Page 2, Line 5  
(e) Appendix 2 Schedule 5.1, Page 2, Line 9  
(f) Demand Classes: Parent Service Class kW from Appendix 2, Schedule 3D, Page 1, Column C multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 2, Line 5  
Mass Market Classes: Parent Service Class kWh from Appendix 2, Schedule 3D, Page 1 Column B multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 2, Line 5  
(h) Appendix 2 Schedule 5.1, Page 2, Line 8  
(i) 60% of As-Used Daily Demand Revenue Requirement assigned to As-Used Daily On-Peak Revenue Requirement  
(j) & (m) Mass-Market Parent Service Classes: Applied Rate Year Forecast to Company's sample meter interval data to compute as-used billing determinants  
Demand Parent Service Classes: Calculated As-Used Demand Billing Determinants by applying Rate Year Forecast to 2022 Demand Study  
(q) Appendix 2 Schedule 5.1, Page 2, Line 11  
(r) Buyback charges are specific to SC6 customers  
SC7 Customer Charges are the same as the parent rate class

NIAGARA MOHAWK d/b/a NATIONALGRID  
PSC No. 220 Electricity Service Classification No. 7  
Standby and Buyback Rate Design by Parent Service Class  
Rate Year 3

Revenue Neutral to Parent Service Class

Parent Service Class	Delivery Rate a	Delivery kWh/kW b	Total Delivery Revenue c=a*b
SC1	\$0.11182	11,773,510,254	\$1,316,513,917
SC1C	\$0.04901	278,052,630	\$13,627,359
SC1 Combined		12,051,562,884	\$1,330,141,276
SC2ND	\$0.13130	730,195,720	\$95,874,698
SC2D	\$21.35	13,257,434	\$283,046,225
SC3 Sec	\$17.31	10,506,238	\$181,862,985
SC3 Pri	\$15.70	4,357,457	\$68,412,071
SC3 Sub/Tran	\$4.82	1,858,257	\$8,956,800
SC3A Sec/Pri	\$17.32	2,729,607	\$47,276,795
SC3A Sub	\$5.98	3,616,345	\$21,625,741
SC3A Tran	\$5.36	14,688,557	\$78,730,663

SC7 Service Class d	Contract Demand Charge Revenue Requirement e	Contract Demand Units f	Contract Demand Rate g=e/f	As Used Daily Revenue Requirement h	As Used Daily On-Peak Revenue Requirement i=h*0.6	As Used Daily On-Peak Demand Units j	As Used Daily On-Peak Demand Rate k=i/j	As Used Daily Super Peak Revenue Requirement (Jun-Sep) l=h-i	As Used Daily Super Peak Demand Units (Jun-Sep) m	As Used Daily Super Peak Demand Rate (Jun-Sep) n=l/m	Total Contract Demand/As-Used Revenue o=f*g+j*k+m*n	Revenue Check p=c-o	Buy-back Contract Demand Charge Revenue Requirement q	Buy-back Contract Rate Demand Rate r=q/f
SC7/SC1	\$812,175,942	113,582,984	\$7.15	\$517,965,334	\$310,779,200	794,060,823	\$0.3914	\$207,186,134	249,461,758	\$0.8305	1,330,141,276	\$0	\$812,175,942	\$7.15
SC7/SC2	\$62,599,372	7,643,303	\$8.19	\$33,275,326	\$19,965,196	43,038,485	\$0.4639	\$13,310,131	13,128,006	\$1.0139	95,874,698	\$0	\$62,599,372	\$8.19
SC7/SC2D	\$78,939,666	20,167,577	\$3.91	\$204,106,559	\$122,463,935	166,630,650	\$0.7349	\$81,642,624	62,159,057	\$1.3134	283,046,225	\$0	\$78,939,666	\$3.91
SC7/SC3 Sec	\$959,546	13,142,117	\$0.07	\$180,903,440	\$108,542,064	156,881,506	\$0.6919	\$72,361,376	57,435,861	\$1.2599	181,862,985	\$0	\$959,546	\$0.07
SC7/SC3 Pri	\$2,466,607	5,446,433	\$0.45	\$65,945,464	\$39,567,279	67,249,238	\$0.5884	\$26,378,186	24,322,207	\$1.0845	68,412,071	\$0	\$847,395	\$0.16
SC7/SC3 SubT/Tran	\$0	2,419,339	\$0.00	\$8,956,800	\$5,374,080	28,161,327	\$0.1908	\$3,582,720	10,144,568	\$0.3532	8,956,800	\$0	\$0	\$0.00
SC7/SC3A Sec/Pri	\$1,828,845	3,330,714	\$0.55	\$45,447,951	\$27,268,770	41,923,317	\$0.6504	\$18,179,180	15,025,002	\$1.2099	47,276,795	\$0	\$71,743	\$0.02
SC7/SC3A SubT	\$0	4,475,893	\$0.00	\$21,625,741	\$12,975,444	60,129,793	\$0.2158	\$8,650,296	21,704,654	\$0.3985	21,625,741	\$0	\$0	\$0.00
SC7/SC3A Tran	\$11,625,302	17,863,594	\$0.65	\$67,105,361	\$40,263,217	229,003,807	\$0.1758	\$26,842,144	77,669,162	\$0.3456	78,730,663	\$0	\$9,789,594	\$0.55

Notes:

- (a) Appendix 2 Schedule 5.1, Page 3, Line 12  
(b) Appendix 2 Schedule 5.1, Page 3, Line 13  
(c) Appendix 2 Schedule 5.1, Page 3, Line 5  
(e) Appendix 2 Schedule 5.1, Page 3, Line 9  
(f) Demand Classes: Parent Service Class kW from Appendix 2, Schedule 3E, Page 1, Column C multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 3, Line 5  
Mass Market Classes: Parent Service Class kWh from Appendix 2, Schedule 3E, Page 1 Column B multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 3, Line 5  
(h) Appendix 2 Schedule 5.1, Page 3, Line 8  
(i) 60% of As-Used Daily Demand Revenue Requirement assigned to As-Used Daily On-Peak Revenue Requirement  
(j) & (m) Mass-Market Parent Service Classes: Applied Rate Year Forecast to Company's sample meter interval data to compute as-used billing determinants  
Demand Parent Service Classes: Calculated As-Used Demand Billing Determinants by applying Rate Year Forecast to 2022 Demand Study  
(q) Appendix 2 Schedule 5.1, Page 3, Line 11  
(r) Buyback charges are specific to SC6 customers  
SC7 Customer Charges are the same as the parent rate class  
SC7 RKVA Charges are the same as the parent rate class

NIAGARA MOHAWK d/b/a NATIONALGRID  
PSC No. 220 Electricity Service Classification No. 7  
Standby and Buyback Rate Design by Parent Service Class  
Post Rate Year 3

Revenue Neutral to Parent Service Class

Parent Service Class	Delivery Rate a	Delivery kWh/kW b	Total Delivery Revenue c=a*b	SC7 Service Class d	Contract Demand Charge Revenue Requirement e	Contract Demand Units f	Contract Demand Rate g=e/f	As Used Daily Revenue Requirement h	As Used Daily On-Peak Revenue Requirement i=h*0.6	As Used Daily On-Peak Demand Units j	As Used Daily On-Peak Demand Rate k=i/j	As Used Daily Super Peak Revenue Requirement (Jun-Sep) l=h-i	As Used Daily Super Peak Demand Units(Jun-Sep) m	As Used Daily Super Peak Demand Rate(Jun-Sep) n=l/m	Total Contract Demand/As-Used Revenue o=f*l*g+i*k+m*n	Revenue Check p=c-o	Buy-back Contract Demand Charge Revenue Requirement q	Buy-back Contract Demand Rate r=q/f
SC1	\$0.10678	11,773,510,254	\$1,257,175,425															
SC1C	\$0.04705	278,052,630	\$13,082,376															
SC1 Combined		12,051,562,884	\$1,270,257,801															
SC2ND	\$0.12471	730,195,720	\$91,062,708	SC7/SC1	\$770,740,143	113,582,984	\$6.79	\$499,517,658	\$299,710,595	794,060,823	\$0.3774	\$199,807,063	249,461,758	\$0.8010	1,270,257,801	\$0	\$770,740,143	\$6.79
SC2D	\$20.48	13,257,434	\$271,512,257	SC7/SC2	\$58,971,446	7,643,303	\$7.72	\$32,091,262	\$19,254,757	43,038,485	\$0.4474	\$12,836,505	13,128,006	\$0.9778	91,062,708	\$0	\$58,971,446	\$7.72
SC3 Sec	\$16.55	10,506,238	\$173,878,244	SC7/SC2D	\$74,738,814	20,167,577	\$3.71	\$196,773,443	\$118,064,066	166,630,650	\$0.7085	\$78,709,377	62,159,057	\$1.2663	271,512,257	\$0	\$74,738,814	\$3.71
SC3 Pri	\$15.06	4,357,457	\$65,623,299	SC7/SC3 Sec	\$0	13,142,117	\$0.00	\$173,878,244	\$104,326,947	156,881,506	\$0.6650	\$69,551,298	57,435,861	\$1.2109	173,878,244	\$0	\$0	\$0.00
SC3 Sub/Tran	\$4.58	1,858,257	\$8,510,818	SC7/SC3 Pri	\$2,041,121	5,446,433	\$0.37	\$63,582,178	\$38,149,307	67,249,238	\$0.5673	\$25,432,871	24,322,207	\$1.0457	65,623,299	\$0	\$421,909	\$0.08
SC3A Sec/Pri	\$16.65	2,729,607	\$45,447,958	SC7/SC3 SubT/Tran	\$0	2,419,339	\$0.00	\$8,510,818	\$5,106,491	28,161,327	\$0.1813	\$3,404,327	10,144,568	\$0.3356	8,510,818	\$0	\$0	\$0.00
SC3A Sub	\$5.72	3,616,345	\$20,685,491	SC7/SC3A Sec/Pri	\$1,636,887	3,330,714	\$0.49	\$43,811,072	\$26,286,643	41,923,317	\$0.6270	\$17,524,429	15,025,002	\$1.1664	45,447,958	\$0	\$0	\$0.00
SC3A Tran	\$5.16	14,688,557	\$75,792,952	SC7/SC3A SubT	\$0	4,475,893	\$0.00	\$20,685,491	\$12,411,295	60,129,793	\$0.2064	\$8,274,196	21,704,654	\$0.3812	20,685,491	\$0	\$0	\$0.00
				SC7/SC3A Tran	\$11,108,450	17,863,594	\$0.62	\$64,684,501	\$38,810,701	229,003,807	\$0.1695	\$25,873,800	77,669,162	\$0.3331	75,792,952	\$0	\$9,272,743	\$0.52

Notes:

(a) Appendix 2 Schedule 5.1, Page 4, Line 12

(b) Appendix 2 Schedule 5.1, Page 4, Line 13

(c) Appendix 2 Schedule 5.1, Page 4, Line 5

(e) Appendix 2 Schedule 5.1, Page 4, Line 9

(f) Demand Classes: Parent Service Class kW from Appendix 2, Schedule 3F, Page 1, Column C multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 3, Line 5

Mass Market Classes: Parent Service Class kWh from Appendix 2, Schedule 3F, Page 1, Column B multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 3, Line 5

(h) Appendix 2 Schedule 5.1, Page 4, Line 8

(i) 60% of As-Used Daily Demand Revenue Requirement assigned to As-Used Daily On-Peak Revenue Requirement

(j) & (m) Mass-Market Parent Service Classes: Applied Rate Year Forecast to Company's sample meter interval data to compute as-used billing determinants

Demand Parent Service Classes: Calculated As-Used Demand Billing Determinants by applying Rate Year Forecast to 2022 Demand Study

(q) Appendix 2 Schedule 5.1, Page 4, Line 11

(r) Buyback charges are specific to SC6 customers

SC7 Customer Charges are the same as the parent rate class

SC7 RKVA Charges are the same as the parent rate class

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Service Classification No. 7  
Reduced Distribution Delivery Charges for Wholesale Generators Receiving Station Power Service from NYISO  
Rate Year 1 Compressed

	SC3Sec	SC3Pri	SC3Sub_Tran	SC3ASec_Pri	SC3ASub	SC3ATran
<b><u>Revenue Requirement</u></b>						
1 Shared - As-Used Daily Demand On-Peak	\$70,375,430	\$25,644,443	\$3,611,807	\$17,420,800	\$8,581,831	\$25,326,374
2 Shared - As-Used Daily Demand Super Peak	\$17,593,857	\$6,411,111	\$902,952	\$4,355,200	\$2,145,458	\$6,331,593
3 Local - Contract Demand	\$1,653,099	\$1,461,602	\$0	\$1,088,571	\$0	\$6,597,549
4 Total	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516
<b><u>Standby Rate Billing Units</u></b>						
5 Monthly Contract Demand (annual kW)	7,850,745	3,252,569	1,444,168	1,982,896	2,671,462	10,671,183
6 Daily As-Used On-Peak Demand (annual kW)	89,755,065	38,702,958	16,177,232	24,312,485	34,855,414	137,653,127
7 Daily As-Used Super Peak Demand (annual kW)	13,717,627	5,904,419	2,477,129	3,762,476	5,337,407	20,766,554
<b><u>Standby Rates</u></b>						
8 Monthly Contract Demand	\$0.21	\$0.45	\$0.00	\$0.55	\$0.00	\$0.62
9 Daily As-Used On-Peak Demand	\$0.7841	\$0.6626	\$0.2233	\$0.7165	\$0.2462	\$0.1840
10 Daily As-Used Super Peak Demand	\$1.2826	\$1.0858	\$0.3645	\$1.1575	\$0.4020	\$0.3049
11 Wholesale Transmission Rate	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734
12 times: Wholesale Transmission Energy Sales	2,664,357,687	1,212,294,253	506,067,082	819,835,690	1,155,604,120	4,545,126,795
13 Transmission Revenue Requirement	\$ 46,208,963	\$ 21,025,278	\$ 8,776,913	\$ 14,218,720	\$ 20,042,079	\$ 78,827,853
<b><u>Station Service Standby Rates</u></b>						
14 Percentage of As-Used Revenue Assigned to On-Peak Periods	80%	80%	80%	80%	80%	80%
15 Trans Daily As-Used On-Peak Demand Charge	\$0.4119	\$0.4346	\$0.2233	\$0.4679	\$0.2462	\$0.1840
16 <b>Dist Daily As-Used On-Peak Demand Charge</b>	<b>\$0.3722</b>	<b>\$0.2280</b>	<b>\$0.0000</b>	<b>\$0.2487</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
17 Trans Daily As-Used Super Peak Demand Charge	\$0.6737	\$0.7122	\$0.3645	\$0.7558	\$0.4020	\$0.3049
18 <b>Dist Daily As-Used Super Peak Demand Charge</b>	<b>\$0.6089</b>	<b>\$0.3736</b>	<b>\$0.0000</b>	<b>\$0.4017</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
19 Tran Contract Demand Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.62
20 <b>Dist Contract Demand Charge</b>	<b>\$0.21</b>	<b>\$0.45</b>	<b>\$0.00</b>	<b>\$0.55</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>Station Service Revenue Requirements (Special Provision J)</u></b>						
21 Transmission Revenue Requirement	\$46,208,963	\$21,025,278	\$4,514,759	\$14,218,720	\$10,727,289	\$38,255,516
22 Transmission Contract Demand Revenue Requirement	\$0	\$0	\$0	\$0	\$0	\$6,597,549
23 Distribution Revenue Requirement (excl Customer Charge Revenues)	\$43,413,423	\$12,491,879	\$0	\$8,645,851	\$0	\$0
24 Dist Contract Demand Charge Revenue	\$1,653,099	\$1,461,602	\$0	\$1,088,571	\$0	\$0
25 Dist Daily As-Used On-Peak Demand Revenue	\$33,408,259	\$8,824,221	\$0	\$6,045,824	\$0	\$0
26 Dist Daily As-Used Super Peak Demand Revenue	\$8,352,065	\$2,206,055	\$0	\$1,511,456	\$0	\$0
27 Tran Contract Demand Charge Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,597,548.54
28 Tran Daily As-Used On-Peak Demand Revenue	\$36,967,170	\$16,820,222	\$3,611,807	\$11,374,976	\$8,581,831	\$25,326,374
29 Tran Daily As-Used Super Peak Demand Revenue	\$9,241,793	\$4,205,056	\$902,952	\$2,843,744	\$2,145,458	\$6,331,593
30 Total Base Transmission Revenue	\$46,208,963	\$21,025,278	\$4,514,759	\$14,218,720	\$10,727,289	\$38,255,516
31 Total Base Distribution Revenue	\$43,413,423	\$12,491,879	\$0	\$8,645,851	\$0	\$0
32 Total Base Transmission-Distribution Revenue	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516
33 Revenue Target	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516

Notes

1) Appendix 2, Schedule 5.2, Page 1, Column i	18)	Line 10 - Line 17
2) Appendix 2, Schedule 5.2, Page 1, Column l	19)	Lesser of Line 8 or Line 22 / Line 5
3) Appendix 2, Schedule 5.2, Page 1, Column e	20)	Line 8 - Line 19
4) Sum of Lines 1 through 3	21)	Lesser of Line 13 or Line 4
5) Appendix 2, Schedule 5.2, Page 1, Column f	22)	Line 21 - Line 28 - Line 29
6) Appendix 2, Schedule 5.2, Page 1, Column j	23)	Line 4 - Line 21
7) Appendix 2, Schedule 5.2, Page 1, Column l	24)	Line 20 * Line 5
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9) Appendix 2, Schedule 5.2, Page 1, Column k	26)	Line 18 * Line 7
10) Appendix 2, Schedule 5.2, Page 1, Column n	27)	Line 19 * Line 5
11) Exhibit (E-RDP-5), Schedule 1.3, Column g/1000	28)	Line 15 * Line 6
12) Appendix 2, Schedule 5.5, Page 1, Line 1	29)	Line 17 * Line 7
13) Line 11 * Line 12	30)	Sum of Lines 27 through 29
14) Percentage of As-Used Revenue Assigned to On-Peak Periods	31)	Sum of Lines 24 through 26
15) Lesser of Line 9 or (Line 13 * Line 14) / Line 6	32)	Line 30 + Line 31
16) Line 9 - Line 15	33)	Sum of Lines 1 through 3
17) Lesser of Line 10 or (Line 13 *(1 - Line 14)) / Line 7		

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Service Classification No. 7  
Reduced Distribution Delivery Charges for Wholesale Generators Receiving Station Power Service from NYISO  
Rate Year 2 Including a Portion of Rate Year 1 Compression

	SC3Sec	SC3Pri	SC3Sub_Tran	SC3ASec_Pri	SC3ASub	SC3ATran
<b><u>Revenue Requirement</u></b>						
1 Shared - As-Used Daily Demand On-Peak	\$98,595,091	\$35,928,621	\$4,924,744	\$24,743,410	\$11,934,963	\$36,642,620
2 Shared - As-Used Daily Demand Super Peak	\$65,730,061	\$23,952,414	\$3,283,162	\$16,495,607	\$7,956,642	\$24,428,414
3 Local - Contract Demand	\$1,786,209	\$2,500,831	\$0	\$1,875,929	\$0	\$11,914,947
4 Total	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981
<b><u>Standby Rate Billing Units</u></b>						
5 Monthly Contract Demand (annual kW)	13,302,595	5,514,270	2,450,963	3,376,740	4,542,349	18,151,826
6 Daily As-Used On-Peak Demand (annual kW)	158,798,666	68,088,388	28,085,930	42,520,310	61,025,515	232,657,044
7 Daily As-Used Super Peak Demand (annual kW)	58,137,752	24,625,705	10,117,407	15,238,959	22,027,977	78,908,198
<b><u>Standby Rates</u></b>						
8 Monthly Contract Demand	\$0.13	\$0.45	\$0.00	\$0.56	\$0.00	\$0.66
9 Daily As-Used On-Peak Demand	\$0.6209	\$0.5277	\$0.1753	\$0.5819	\$0.1956	\$0.1575
10 Daily As-Used Super Peak Demand	\$1.1306	\$0.9727	\$0.3245	\$1.0825	\$0.3612	\$0.3096
11 Wholesale Transmission Rate	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734
12 times: Wholesale Transmission Energy Sales	4,514,762,117	2,055,428,307	858,874,807	1,395,818,326	1,964,754,894	7,731,438,941
13 Transmission Revenue Requirement	\$ 78,301,227	\$ 35,648,071	\$ 14,895,791	\$ 24,208,205	\$ 34,075,487	\$ 134,089,270
<b><u>Station Service Standby Rates</u></b>						
14 Percentage of As-Used Revenue Assigned to On-Peak Periods	60%	60%	60%	60%	60%	60%
15 Trans Daily As-Used On-Peak Demand Charge	\$0.2959	\$0.3141	\$0.1753	\$0.3416	\$0.1956	\$0.1575
16 <b>Dist Daily As-Used On-Peak Demand Charge</b>	<b>\$0.3250</b>	<b>\$0.2135</b>	<b>\$0.0000</b>	<b>\$0.2403</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
17 Trans Daily As-Used Super Peak Demand Charge	\$0.5387	\$0.5790	\$0.3245	\$0.6354	\$0.3612	\$0.3096
18 <b>Dist Daily As-Used Super Peak Demand Charge</b>	<b>\$0.5919</b>	<b>\$0.3936</b>	<b>\$0.0000</b>	<b>\$0.4470</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
19 Tran Contract Demand Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.66
20 <b>Dist Contract Demand Charge</b>	<b>\$0.13</b>	<b>\$0.45</b>	<b>\$0.00</b>	<b>\$0.56</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>Station Service Revenue Requirements (Special Provision J)</u></b>						
21 Transmission Revenue Requirement	\$78,301,227	\$35,648,071	\$8,207,906	\$24,208,205	\$19,891,605	\$72,985,981
22 Transmission Contract Demand Revenue Requirement	\$0	\$0	\$0	\$0	\$0	\$11,914,947
23 Distribution Revenue Requirement (excl Customer Charge Revenues)	\$87,810,134	\$26,733,795	\$0	\$18,906,741	\$0	\$0
24 Dist Contract Demand Charge Revenue	\$1,786,209	\$2,500,831	\$0	\$1,875,929	\$0	\$0
25 Dist Daily As-Used On-Peak Demand Revenue	\$51,614,355	\$14,539,779	\$0	\$10,218,487	\$0	\$0
26 Dist Daily As-Used Super Peak Demand Revenue	\$34,409,570	\$9,693,186	\$0	\$6,812,324	\$0	\$0
27 Tran Contract Demand Charge Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,914,946.74
28 Tran Daily As-Used On-Peak Demand Revenue	\$46,980,736	\$21,388,842	\$4,924,744	\$14,524,923	\$11,934,963	\$36,642,620
29 Tran Daily As-Used Super Peak Demand Revenue	\$31,320,491	\$14,259,228	\$3,283,162	\$9,683,282	\$7,956,642	\$24,428,414
30 Total Base Transmission Revenue	\$78,301,227	\$35,648,071	\$8,207,906	\$24,208,205	\$19,891,605	\$72,985,981
31 Total Base Distribution Revenue	\$87,810,134	\$26,733,795	\$0	\$18,906,741	\$0	\$0
32 Total Base Transmission-Distribution Revenue	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981
33 Revenue Target	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981

Notes

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4) Sum of Lines 1 through 3	21)	Lesser of Line 13 or Line 4
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13) Line 11 * Line 12	30)	Sum of Lines 27 through 29
14) Percentage of As-Used Revenue Assigned to On-Peak Periods	31)	Sum of Lines 24 through 26
15) Lesser of Line 9 or (Line 13 * Line 14) / Line 6	32)	Line 30 + Line 31
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NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Service Classification No. 7  
Reduced Distribution Delivery Charges for Wholesale Generators Receiving Station Power Service from NYISO  
Rate Year 3

	SC3Sec	SC3Pri	SC3Sub_Tran	SC3ASec_Pri	SC3ASub	SC3ATran
<b><u>Revenue Requirement</u></b>						
1 Shared - As-Used Daily Demand On-Peak	\$108,542,064	\$39,567,279	\$5,374,080	\$27,268,770	\$12,975,444	\$40,263,217
2 Shared - As-Used Daily Demand Super Peak	\$72,361,376	\$26,378,186	\$3,582,720	\$18,179,180	\$8,650,296	\$26,842,144
3 Local - Contract Demand	\$959,546	\$2,466,607	\$0	\$1,828,845	\$0	\$11,625,302
4 Total	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663
<b><u>Standby Rate Billing Units</u></b>						
5 Monthly Contract Demand (annual kW)	13,142,117	5,446,433	2,419,339	3,330,714	4,475,893	17,863,594
6 Daily As-Used On-Peak Demand (annual kW)	156,881,506	67,249,238	28,161,327	41,923,317	60,129,793	229,003,807
7 Daily As-Used Super Peak Demand (annual kW)	57,435,861	24,322,207	10,144,568	15,025,002	21,704,654	77,669,162
<b><u>Standby Rates</u></b>						
8 Monthly Contract Demand	\$0.07	\$0.45	\$0.00	\$0.55	\$0.00	\$0.65
9 Daily As-Used On-Peak Demand	\$0.6919	\$0.5884	\$0.1908	\$0.6504	\$0.2158	\$0.1758
10 Daily As-Used Super Peak Demand	\$1.2599	\$1.0845	\$0.3532	\$1.2099	\$0.3985	\$0.3456
11 Wholesale Transmission Rate	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734
12 times: Wholesale Transmission Energy Sales	4,460,255,866	2,030,096,358	847,500,752	1,376,217,594	1,935,916,566	7,610,038,016
13 Transmission Revenue Requirement	\$ 77,355,904	\$ 35,208,729	\$ 14,698,526	\$ 23,868,262	\$ 33,575,333	\$ 131,983,768
<b><u>Station Service Standby Rates</u></b>						
14 Percentage of As-Used Revenue Assigned to On-Peak Periods	60%	60%	60%	60%	60%	60%
15 Trans Daily As-Used On-Peak Demand Charge	\$0.2959	\$0.3141	\$0.1908	\$0.3416	\$0.2158	\$0.1758
16 <b>Dist Daily As-Used On-Peak Demand Charge</b>	<b>\$0.3960</b>	<b>\$0.2742</b>	<b>\$0.0000</b>	<b>\$0.3088</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
17 Trans Daily As-Used Super Peak Demand Charge	\$0.5387	\$0.5790	\$0.3532	\$0.6354	\$0.3985	\$0.3456
18 <b>Dist Daily As-Used Super Peak Demand Charge</b>	<b>\$0.7211</b>	<b>\$0.5055</b>	<b>\$0.0000</b>	<b>\$0.5745</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
19 Tran Contract Demand Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.65
20 <b>Dist Contract Demand Charge</b>	<b>\$0.07</b>	<b>\$0.45</b>	<b>\$0.00</b>	<b>\$0.55</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>Station Service Revenue Requirements (Special Provision J)</u></b>						
21 Transmission Revenue Requirement	\$77,355,904	\$35,208,729	\$8,956,800	\$23,868,262	\$21,625,741	\$78,730,663
22 Transmission Contract Demand Revenue Requirement	\$0	\$0	\$0	\$0	\$0	\$11,625,302
23 Distribution Revenue Requirement (excl Customer Charge Revenues)	\$104,507,081	\$33,203,342	\$0	\$23,408,533	\$0	\$0
24 Dist Contract Demand Charge Revenue	\$959,546	\$2,466,607	\$0	\$1,828,845	\$0	\$0
25 Dist Daily As-Used On-Peak Demand Revenue	\$62,128,521	\$18,442,041	\$0	\$12,947,813	\$0	\$0
26 Dist Daily As-Used Super Peak Demand Revenue	\$41,419,014	\$12,294,694	\$0	\$8,631,875	\$0	\$0
27 Tran Contract Demand Charge Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,625,301.87
28 Tran Daily As-Used On-Peak Demand Revenue	\$46,413,543	\$21,125,237	\$5,374,080	\$14,320,957	\$12,975,444	\$40,263,217
29 Tran Daily As-Used Super Peak Demand Revenue	\$30,942,362	\$14,083,492	\$3,582,720	\$9,547,305	\$8,650,296	\$26,842,144
30 Total Base Transmission Revenue	\$77,355,904	\$35,208,729	\$8,956,800	\$23,868,262	\$21,625,741	\$78,730,663
31 Total Base Distribution Revenue	\$104,507,081	\$33,203,342	\$0	\$23,408,533	\$0	\$0
32 Total Base Transmission-Distribution Revenue	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663
33 Revenue Target	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663

Notes

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4) Sum of Lines 1 through 3	21) Lesser of Line 13 or Line 4
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7) Appendix 2, Schedule 5.2, Page 3, Column l	24) Line 20 * Line 5
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14) Percentage of As-Used Revenue Assigned to On-Peak Periods	31) Sum of Lines 24 through 26
15) Lesser of Line 9 or (Line 13 * Line 14) / Line 6	32) Line 30 + Line 31
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NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Service Classification No. 7  
Reduced Distribution Delivery Charges for Wholesale Generators Receiving Station Power Service from NYISO  
Post Rate Year 3

	SC3Sec	SC3Pri	SC3Sub_Tran	SC3ASec_Pri	SC3ASub	SC3ATran
<b><u>Revenue Requirement</u></b>						
1 Shared - As-Used Daily Demand On-Peak	\$104,326,947	\$38,149,307	\$5,106,491	\$26,286,643	\$12,411,295	\$38,810,701
2 Shared - As-Used Daily Demand Super Peak	\$69,551,298	\$25,432,871	\$3,404,327	\$17,524,429	\$8,274,196	\$25,873,800
3 Local - Contract Demand	\$0	\$2,041,121	\$0	\$1,636,887	\$0	\$11,108,450
4 Total	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952
<b><u>Standby Rate Billing Units</u></b>						
5 Monthly Contract Demand (annual kW)	13,142,117	5,446,433	2,419,339	3,330,714	4,475,893	17,863,594
6 Daily As-Used On-Peak Demand (annual kW)	156,881,506	67,249,238	28,161,327	41,923,317	60,129,793	229,003,807
7 Daily As-Used Super Peak Demand (annual kW)	57,435,861	24,322,207	10,144,568	15,025,002	21,704,654	77,669,162
<b><u>Standby Rates</u></b>						
8 Monthly Contract Demand	\$0.00	\$0.37	\$0.00	\$0.49	\$0.00	\$0.62
9 Daily As-Used On-Peak Demand	\$0.6650	\$0.5673	\$0.1813	\$0.6270	\$0.2064	\$0.1695
10 Daily As-Used Super Peak Demand	\$1.2109	\$1.0457	\$0.3356	\$1.1664	\$0.3812	\$0.3331
11 Wholesale Transmission Rate	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734	\$ 0.01734
12 times: Wholesale Transmission Energy Sales	4,460,255,866	2,030,096,358	847,500,752	1,376,217,594	1,935,916,566	7,610,038,016
13 Transmission Revenue Requirement	\$ 77,355,904	\$ 35,208,729	\$ 14,698,526	\$ 23,868,262	\$ 33,575,333	\$ 131,983,768
<b><u>Station Service Standby Rates</u></b>						
14 Percentage of As-Used Revenue Assigned to On-Peak Periods	60%	60%	60%	60%	60%	60%
15 Trans Daily As-Used On-Peak Demand Charge	\$0.2959	\$0.3141	\$0.1813	\$0.3416	\$0.2064	\$0.1695
16 <b>Dist Daily As-Used On-Peak Demand Charge</b>	<b>\$0.3692</b>	<b>\$0.2531</b>	<b>\$0.0000</b>	<b>\$0.2854</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
17 Trans Daily As-Used Super Peak Demand Charge	\$0.5387	\$0.5790	\$0.3356	\$0.6354	\$0.3812	\$0.3331
18 <b>Dist Daily As-Used Super Peak Demand Charge</b>	<b>\$0.6722</b>	<b>\$0.4666</b>	<b>\$0.0000</b>	<b>\$0.5309</b>	<b>\$0.0000</b>	<b>\$0.0000</b>
19 Tran Contract Demand Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.62
20 <b>Dist Contract Demand Charge</b>	<b>\$0.00</b>	<b>\$0.37</b>	<b>\$0.00</b>	<b>\$0.49</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>Station Service Revenue Requirements (Special Provision J)</u></b>						
21 Transmission Revenue Requirement	\$77,355,904	\$35,208,729	\$8,510,818	\$23,868,262	\$20,685,491	\$75,792,952
22 Transmission Contract Demand Revenue Requirement	\$0	\$0	\$0	\$0	\$0	\$11,108,450
23 Distribution Revenue Requirement (excl Customer Charge Revenues)	\$96,522,340	\$30,414,570	\$0	\$21,579,696	\$0	\$0
24 Dist Contract Demand Charge Revenue	\$0	\$2,041,121	\$0	\$1,636,887	\$0	\$0
25 Dist Daily As-Used On-Peak Demand Revenue	\$57,913,404	\$17,024,069	\$0	\$11,965,686	\$0	\$0
26 Dist Daily As-Used Super Peak Demand Revenue	\$38,608,936	\$11,349,380	\$0	\$7,977,124	\$0	\$0
27 Tran Contract Demand Charge Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,108,450.42
28 Tran Daily As-Used On-Peak Demand Revenue	\$46,413,543	\$21,125,237	\$5,106,491	\$14,320,957	\$12,411,295	\$38,810,701
29 Tran Daily As-Used Super Peak Demand Revenue	\$30,942,362	\$14,083,492	\$3,404,327	\$9,547,305	\$8,274,196	\$25,873,800
30 Total Base Transmission Revenue	\$77,355,904	\$35,208,729	\$8,510,818	\$23,868,262	\$20,685,491	\$75,792,952
31 Total Base Distribution Revenue	\$96,522,340	\$30,414,570	\$0	\$21,579,696	\$0	\$0
32 Total Base Transmission-Distribution Revenue	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952
33 Revenue Target	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952

Notes

1) Appendix 2, Schedule 5.2, Page 4, Column i	18) Line 10 - Line 17
2) Appendix 2, Schedule 5.2, Page 4, Column l	19) Lesser of Line 8 or Line 22 / Line 5
3) Appendix 2, Schedule 5.2, Page 4, Column e	20) Line 8 - Line 19
4) Sum of Lines 1 through 3	21) Lesser of Line 13 or Line 4
5) Appendix 2, Schedule 5.2, Page 4, Column f	22) Line 21 - Line 28 - Line 29
6) Appendix 2, Schedule 5.2, Page 4, Column j	23) Line 4 - Line 21
7) Appendix 2, Schedule 5.2, Page 4, Column l	24) Line 20 * Line 5
8) Appendix 2, Schedule 5.2, Page 4, Column g	25) Line 16 * Line 6
9) Appendix 2, Schedule 5.2, Page 4, Column k	26) Line 18 * Line 7
10) Appendix 2, Schedule 5.2, Page 4, Column n	27) Line 19 * Line 5
11) Exhibit ____ (E-RDP-5), Schedule 1.3, Column g/1000	28) Line 15 * Line 6
12) Appendix 2, Schedule 5.5, Page 4, Line 1	29) Line 17 * Line 7
13) Line 11 * Line 12	30) Sum of Lines 27 through 29
14) Percentage of As-Used Revenue Assigned to On-Peak Periods	31) Sum of Lines 24 through 26
15) Lesser of Line 9 or (Line 13 * Line 14) / Line 6	32) Line 30 + Line 31
16) Line 9 - Line 15	33) Sum of Lines 1 through 3
17) Lesser of Line 10 or (Line 13 *(1 - Line 14)) / Line 7	



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 PSC No. 220 Electricity Service Classification No. 7  
 Wholesale Generator Customer Charges  
 Rate Year 1 Compressed

	Parent Class	Whlse Generator	Whlse Generator
	T&D	T&D	Proposed
	Standby	Standby	Delivery
	Rate	Rate	Standby
	(A)	Credit	Rate
		(B)	(C)
Service Classification No. 3 (Subtransmission/Transmission)			
1. Customer Charge	\$ 1,430.00	\$ (389.32)	\$ 1,040.68
Service Classification No. 3-A (Subtransmission)			
2. Customer Charge	\$ 4,350.00	\$ (963.93)	\$ 3,386.07
Service Classification No. 3-A (Transmission)			
3. Customer Charge	\$ 8,800.00	\$ (2,184.00)	\$ 6,616.00

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

PSC No. 220 Electricity Service Classification No. 7

Wholesale Generator Customer Charges

Rate Year 2 Including a Portion of Rate Year 1 Compression

	Parent Class	Whlse Generator	Whlse Generator
	T&D	T&D	Proposed
	Standby	Standby	Delivery
	Rate	Rate	Standby
	(A)	Credit	Rate
		(B)	(C)
Service Classification No. 3 (Subtransmission/Transmission)			
1. Customer Charge	\$ 1,600.00	\$ (389.32)	\$ 1,210.68
Service Classification No. 3-A (Subtransmission)			
2. Customer Charge	\$ 5,100.00	\$ (963.93)	\$ 4,136.07
Service Classification No. 3-A (Transmission)			
3. Customer Charge	\$ 10,350.00	\$ (2,184.00)	\$ 8,166.00

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 PSC No. 220 Electricity Service Classification No. 7  
 Wholesale Generator Customer Charges  
 Rate Year 3

	Parent Class	Whlse Generator	Whlse Generator
	T&D	T&D	Proposed
	Standby	Standby	Delivery
	Rate	Rate	Standby
	(A)	Credit	Rate
		(B)	(C)
Service Classification No. 3 (Subtransmission/Transmission)			
1. Customer Charge	\$ 1,790.00	\$ (389.32)	\$ 1,400.68
Service Classification No. 3-A (Subtransmission)			
2. Customer Charge	\$ 6,000.00	\$ (963.93)	\$ 5,036.07
Service Classification No. 3-A (Transmission)			
3. Customer Charge	\$ 12,250.00	\$ (2,184.00)	\$ 10,066.00

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

PSC No. 220 Electricity Service Classification No. 7

Wholesale Generator Customer Charges

Post Rate Year 3

	Parent Class	Whlse Generator	Whlse Generator
	T&D	T&D	Proposed
	Standby	Standby	Delivery
	Rate	Rate	Standby
	(A)	Credit	Rate
		(B)	(C)
Service Classification No. 3 (Subtransmission/Transmission)			
1. Customer Charge	\$ 1,790.00	\$ (389.32)	\$ 1,400.68
Service Classification No. 3-A (Subtransmission)			
2. Customer Charge	\$ 6,000.00	\$ (963.93)	\$ 5,036.07
Service Classification No. 3-A (Transmission)			
3. Customer Charge	\$ 12,250.00	\$ (2,184.00)	\$ 10,066.00

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 PSC No. 220 Electricity Service Classification No. 7  
 Contract Demand Multiplier, As-Used On-Peak Daily Demand, and Wholesale Energy Billing Determinants  
 Rate Year 1 Compressed

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	Residential Svc	Small General Service		Large General Service SC-3			Large General Service SC-3A		
	SC-1/SC-1C*	SC-2ND*	SC-2D	Secondary	Primary	SubT/Transmission	Sec/Primary	Subtransmission	Transmission
1. Total Wholesale Energy Sales (kWh)	7,788,299,366	481,584,128	2,568,607,395	2,664,357,687	1,212,294,253	506,067,082	819,835,690	1,155,604,120	4,545,126,795
2. Sum of Customer Maximum Demands*	132,109,149.7	7,750,999.7	21,581,621.3	8,726,102.9	4,922,545.4	2,420,568.6	2,376,081.2	4,072,170.3	15,358,455.3
3. Sum of Customer Demands/Energy*	14,013,529,199.7	740,484,388.5	14,186,975.9	6,975,932.3	3,938,316.6	1,859,201.5	1,947,260.7	3,290,152.3	12,628,675.9
4. Contract Demand Multiplier*	0.94%	1.05%	152.12%	125.09%	124.99%	130.19%	122.02%	123.77%	121.62%
5. Daily As-Used On-Peak kW	440,265,842	25,107,263	93,786,794	89,755,065	38,702,958	16,177,232	24,312,485	34,855,414	137,653,127
6. Daily As-Used Super Peak kW	49,844,508	2,897,622	14,273,524	13,717,627	5,904,419	2,477,129	3,762,476	5,337,407	20,766,554

\*Mass-Market Classes use a multiplier of Maximum Demands to the sum of total energy.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 PSC No. 220 Electricity Service Classification No. 7  
 Contract Demand Multiplier, As-Used On-Peak Daily Demand, and Wholesale Energy Billing Determinants  
 Rate Year 2 Including a Portion of Rate Year 1 Compression

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	Residential Svc	Small General Service		Large General Service SC-3			Large General Service SC-3A		
	SC-1/SC-1C*	SC-2ND*	SC-2D	Secondary	Primary	SubT/Transmission	Sec/Primary	Subtransmission	Transmission
1. Total Wholesale Energy Sales (kWh)	13,122,433,413	813,917,142	4,348,249,529	4,514,762,117	2,055,428,307	858,874,807	1,395,818,326	1,964,754,894	7,731,438,941
2. Sum of Customer Maximum Demands*	132,109,149.7	7,750,999.7	21,581,621.3	8,726,102.9	4,922,545.4	2,420,568.6	2,376,081.2	4,072,170.3	15,358,455.3
3. Sum of Customer Demands/Energy*	14,013,529,199.7	740,484,388.5	14,186,975.9	6,975,932.3	3,938,316.6	1,859,201.5	1,947,260.7	3,290,152.3	12,628,675.9
4. Contract Demand Multiplier*	0.94%	1.05%	152.12%	125.09%	124.99%	130.19%	122.02%	123.77%	121.62%
5. Daily As-Used On-Peak kW	783,879,421	43,493,301	168,493,778	158,798,666	68,088,388	28,085,930	42,520,310	61,025,515	232,657,044
6. Daily As-Used Super Peak kW	246,263,174	13,266,738	62,854,070	58,137,752	24,625,705	10,117,407	15,238,959	22,027,977	78,908,198

\*Mass-Market Classes use a multiplier of Maximum Demands to the sum of total energy.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 PSC No. 220 Electricity Service Classification No. 7  
 Contract Demand Multiplier, As-Used On-Peak Daily Demand, and Wholesale Energy Billing Determinants  
 Rate Year 3

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	Residential Svc	Small General Service		Large General Service SC-3			Large General Service SC-3A		
	SC-1/SC-1C*	SC-2ND*	SC-2D	Secondary	Primary	SubT/Transmission	Sec/Primary	Subtransmission	Transmission
1. Total Wholesale Energy Sales (kWh)	13,292,873,861	805,405,879	4,300,168,531	4,460,255,866	2,030,096,358	847,500,752	1,376,217,594	1,935,916,566	7,610,038,016
2. Sum of Customer Maximum Demands*	132,109,149.7	7,750,999.7	21,581,621.3	8,726,102.9	4,922,545.4	2,420,568.6	2,376,081.2	4,072,170.3	15,358,455.3
3. Sum of Customer Demands/Energy*	14,013,529,199.7	740,484,388.5	14,186,975.9	6,975,932.3	3,938,316.6	1,859,201.5	1,947,260.7	3,290,152.3	12,628,675.9
4. Contract Demand Multiplier*	0.94%	1.05%	152.12%	125.09%	124.99%	130.19%	122.02%	123.77%	121.62%
5. Daily As-Used On-Peak kW	794,060,823	43,038,485	166,630,650	156,881,506	67,249,238	28,161,327	41,923,317	60,129,793	229,003,807
6. Daily As-Used Super Peak kW	249,461,758	13,128,006	62,159,057	57,435,861	24,322,207	10,144,568	15,025,002	21,704,654	77,669,162

\*Mass-Market Classes use a multiplier of Maximum Demands to the sum of total energy.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 PSC No. 220 Electricity Service Classification No. 7  
 Contract Demand Multiplier, As-Used On-Peak Daily Demand, and Wholesale Energy Billing Determinants  
 Post Rate Year 3

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
	Residential Svc	Small General Service		Large General Service SC-3			Large General Service SC-3A		
	SC-1/SC-1C*	SC-2ND*	SC-2D	Secondary	Primary	SubT/Transmission	Sec/Primary	Subtransmission	Transmission
1. Total Wholesale Energy Sales (kWh)	13,292,873,861	805,405,879	4,300,168,531	4,460,255,866	2,030,096,358	847,500,752	1,376,217,594	1,935,916,566	7,610,038,016
2. Sum of Customer Maximum Demands*	132,109,149.7	7,750,999.7	21,581,621.3	8,726,102.9	4,922,545.4	2,420,568.6	2,376,081.2	4,072,170.3	15,358,455.3
3. Sum of Customer Demands/Energy*	14,013,529,199.7	740,484,388.5	14,186,975.9	6,975,932.3	3,938,316.6	1,859,201.5	1,947,260.7	3,290,152.3	12,628,675.9
4. Contract Demand Multiplier*	0.94%	1.05%	152.12%	125.09%	124.99%	130.19%	122.02%	123.77%	121.62%
5. Daily As-Used On-Peak kW	794,060,823	43,038,485	166,630,650	156,881,506	67,249,238	28,161,327	41,923,317	60,129,793	229,003,807
6. Daily As-Used Super Peak kW	249,461,758	13,128,006	62,159,057	57,435,861	24,322,207	10,144,568	15,025,002	21,704,654	77,669,162

\*Mass-Market Classes use a multiplier of Maximum Demands to the sum of total energy.



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Summary of ACOS Decision Tree Cost Allocation (\$000s)

	SC1/1C	SC2ND	SC2D	SC3 Sec	SC3 Pri	SC3 Sub/Tran	SC3A Sec/Pri	SC3A SubT	SC3A Tran
	Residential Total	Small Gen No Dem	Small Gen Demand	Large Gen-Sec	Large Gen-Pri	Large Gen-Tran	Lge Gen TOU-S/P	Lge Gen TOU-SubT	Lge Gen TOU-Tran
1 Total	\$10,904,236	\$852,322	\$2,330,605	\$1,752,120	\$634,306	\$126,841	\$393,708	\$244,674	\$822,511
2 Shared	\$3,359,154	\$209,727	\$1,481,654	\$1,399,923	\$535,317	\$97,420	\$350,947	\$210,316	\$614,533
3 Local	\$7,545,082	\$642,595	\$848,951	\$352,198	\$98,989	\$29,421	\$42,761	\$34,358	\$207,978
4 Total	\$10,904,236	\$852,322	\$2,330,605	\$1,752,120	\$634,306	\$126,841	\$393,708	\$244,674	\$822,511
5 Check	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6 Shared	30.8%	24.6%	63.6%	79.9%	84.4%	76.8%	89.1%	86.0%	74.7%
7 Local	69.2%	75.4%	36.4%	20.1%	15.6%	23.2%	10.9%	14.0%	25.3%

Excluded Revenue for Buyback (Exclude from Contract Demand Revenue to Develop Buyback Contract Demand Rate) (\$000s)

8 Residential Total	SC1/1C	\$0
9 Small Gen No Dem	SC2ND	\$0
10 Small Gen Demand	SC2D	\$0
11 Large Gen-Sec	SC3 Sec	\$0
12 Large Gen-Pri	SC3 Pri	\$1,619
13 Large Gen-Tran	SC3 Sub/Tran	\$0
14 Lge Gen TOU-S/P	SC3A Sec/Pri	\$1,757
15 Lge Gen TOU-SubT	SC3A SubT	\$53
16 Lge Gen TOU-Tran	SC3A Tran	\$1,836

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Rate Year 1 Compressed**

Phase-in Percentage 33.3% Year 2 of Phase-In

**SC7/SC2D****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$35,086,094	\$54,813,617	-\$6,575,841	\$48,237,776	12,046,419	\$4.00
As Used On-Peak	\$79,566,500	\$69,199,107	\$3,455,798	\$72,654,904	93,786,794	\$0.7747
As Used Super Peak	<u>\$19,891,625</u>	<u>\$10,531,494</u>	\$3,120,044	<u>\$13,651,538</u>	14,273,524	\$0.9564
Total Revenue (Excluding Customer Charge)	\$134,544,218	\$134,544,218		\$134,544,218		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under Existing Methodology	Rates under new ACOS Study (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$2.91	\$4.55	\$4.00
As Used On-Peak	\$0.8484	\$0.7378	\$0.7747
As Used Super Peak	\$1.3936	\$0.7378	\$0.9564

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Rate Year 1 Compressed**

Phase-in Percentage 33.3% Year 2 of Phase-In

**SC7/SC3 Sec****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$1,653,099	\$16,083,152	-\$4,810,018	\$11,273,134	7,850,745	\$1.44
As Used On-Peak	\$70,375,430	\$63,789,959	\$2,195,157	\$65,985,116	89,755,065	\$0.7352
As Used Super Peak	<u>\$17,593,857</u>	<u>\$9,749,275</u>	\$2,614,861	<u>\$12,364,136</u>	13,717,627	\$0.9013
Total Revenue (Excluding Customer Charge)	\$89,622,386	\$89,622,386		\$89,622,386		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.21	\$2.05	\$1.44
As Used On-Peak	\$0.7841	\$0.7107	\$0.7352
As Used Super Peak	\$1.2826	\$0.7107	\$0.9013

**SC7/SC3 Pri****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$1,461,602	\$5,561,316	-\$1,366,571	\$4,194,745	3,252,569	\$1.29
As Used On-Peak	\$25,644,443	\$24,255,489	\$462,985	\$24,718,474	38,702,958	\$0.6387
As Used Super Peak	<u>\$6,411,111</u>	<u>\$3,700,352</u>	\$903,586	<u>\$4,603,938</u>	5,904,419	\$0.7797
Total Revenue (Excluding Customer Charge)	\$33,517,156	\$33,517,156		\$33,517,156		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.45	\$1.71	\$1.29
As Used On-Peak	\$0.6626	\$0.6267	\$0.6387
As Used Super Peak	\$1.0858	\$0.6267	\$0.7797

**SC7/SC3 Sub/Tran****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$316,913	-\$105,638	\$211,275	1,444,168	\$0.15
As Used On-Peak	\$3,611,807	\$3,640,411	-\$9,535	\$3,630,876	16,177,232	\$0.2244
As Used Super Peak	<u>\$902,952</u>	<u>\$557,436</u>	\$115,172	<u>\$672,608</u>	2,477,129	\$0.2715
Total Revenue (Excluding Customer Charge)	\$4,514,759	\$4,514,759		\$4,514,759		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$0.22	\$0.15
As Used On-Peak	\$0.2233	\$0.2250	\$0.2244
As Used Super Peak	\$0.3645	\$0.2250	\$0.2715

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Rate Year 1 Compressed**

Phase-in Percentage 33.3% Year 2 of Phase-In

**SC7/SC3A Sec/Pri****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$1,088,571	\$3,273,089	-\$728,173	\$2,544,916	1,982,896	\$1.28
As Used On-Peak	\$17,420,800	\$16,965,923	\$151,626	\$17,117,548	24,312,485	\$0.7041
As Used Super Peak	<u>\$4,355,200</u>	<u>\$2,625,559</u>	\$576,547	<u>\$3,202,106</u>	3,762,476	\$0.8511
Total Revenue (Excluding Customer Charge)	\$22,864,571	\$22,864,571		\$22,864,571		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.55	\$1.65	\$1.28
As Used On-Peak	\$0.7165	\$0.6978	\$0.7041
As Used Super Peak	\$1.1575	\$0.6978	\$0.8511

**SC7/SC3A Sub****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$821,702	-\$273,901	\$547,801	2,671,462	\$0.21
As Used On-Peak	\$8,581,831	\$8,590,174	-\$2,781	\$8,587,393	34,855,414	\$0.2464
As Used Super Peak	<u>\$2,145,458</u>	<u>\$1,315,413</u>	\$276,682	<u>\$1,592,095</u>	5,337,407	\$0.2983
Total Revenue (Excluding Customer Charge)	\$10,727,289	\$10,727,289		\$10,727,289		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$0.31	\$0.21
As Used On-Peak	\$0.2462	\$0.2465	\$0.2464
As Used Super Peak	\$0.4020	\$0.2465	\$0.2983

**SC7/SC3A Tran****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$6,597,549	\$5,528,824	\$356,241	\$5,885,066	10,671,183	\$0.55
As Used On-Peak	\$25,326,374	\$28,436,690	-\$1,036,772	\$27,399,918	137,653,127	\$0.1991
As Used Super Peak	<u>\$6,331,593</u>	<u>\$4,290,001</u>	\$680,531	<u>\$4,970,532</u>	20,766,554	\$0.2394
Total Revenue (Excluding Customer Charge)	\$38,255,516	\$38,255,516		\$38,255,516		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.62	\$0.52	\$0.55
As Used On-Peak	\$0.1840	\$0.2066	\$0.1991
As Used Super Peak	\$0.3049	\$0.2066	\$0.2394

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Rate Year 2 Including a Portion of Rate Year 1 Compression**

Phase-in Percentage      50.0%      Year 3 of Phase-In

**SC7/SC2D****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$68,440,125	\$105,200,138	-\$18,380,006	\$86,820,132	20,393,059	\$4.26
As Used On-Peak	\$111,197,392	\$108,204,801	\$1,496,296	\$109,701,096	168,493,778	\$0.6511
As Used Super Peak	<u>\$74,131,595</u>	<u>\$40,364,173</u>	\$16,883,711	<u>\$57,247,884</u>	62,854,070	\$0.9108
Total Revenue (Excluding Customer Charge)	\$253,769,112	\$253,769,112		\$253,769,112		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under Existing Methodology	Rates under new ACOS Study (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$5.16	\$3.36	\$4.26
As Used On-Peak	\$0.6422	\$0.6599	\$0.6511
As Used Super Peak	\$0.6422	\$1.1794	\$0.9108

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Rate Year 2 Including a Portion of Rate Year 1 Compression**

Phase-in Percentage 50.0% Year 3 of Phase-In

**SC7/SC3 Sec****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$1,786,209	\$28,741,306	-\$13,477,548	\$15,263,758	13,302,595	\$1.15
As Used On-Peak	\$98,595,091	\$100,555,645	-\$980,277	\$99,575,368	158,798,666	\$0.6271
As Used Super Peak	\$65,730,061	\$36,814,410	\$14,457,825	\$51,272,235	58,137,752	\$0.8819
Total Revenue (Excluding Customer Charge)	\$166,111,361	\$166,111,361		\$166,111,361		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On-Peak )	Revised Rate
Contract Demand Charge	\$0.13	\$2.16	\$1.15
As Used On-Peak	\$0.6209	\$0.6332	\$0.6271
As Used Super Peak	\$1.1306	\$0.6332	\$0.8819

**SC7/SC3 Pri****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$2,500,831	\$10,159,256	-\$3,829,213	\$6,330,044	5,514,270	\$1.15
As Used On-Peak	\$35,928,621	\$38,351,810	-\$1,211,595	\$37,140,216	68,088,388	\$0.5455
As Used Super Peak	\$23,952,414	\$13,870,799	\$5,040,807	\$18,911,607	24,625,705	\$0.7680
Total Revenue (Excluding Customer Charge)	\$62,381,866	\$62,381,866		\$62,381,866		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On-Peak )	Revised Rate
Contract Demand Charge	\$0.45	\$1.84	\$1.15
As Used On-Peak	\$0.5277	\$0.5633	\$0.5455
As Used Super Peak	\$0.9727	\$0.5633	\$0.7680

**SC7/SC3 Sub/Tran****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$451,396	-\$225,698	\$225,698	2,450,963	\$0.09
As Used On-Peak	\$4,924,744	\$5,702,350	-\$388,803	\$5,313,547	28,085,930	\$0.1892
As Used Super Peak	\$3,283,162	\$2,054,160	\$614,501	\$2,668,661	10,117,407	\$0.2638
Total Revenue (Excluding Customer Charge)	\$8,207,906	\$8,207,906		\$8,207,906		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On-Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$0.18	\$0.09
As Used On-Peak	\$0.1753	\$0.2030	\$0.1892
As Used Super Peak	\$0.3245	\$0.2030	\$0.2638

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Rate Year 2 Including a Portion of Rate Year 1 Compression**

Phase-in Percentage 50.0% Year 3 of Phase-In

**SC7/SC3A Sec/Pri****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$1,875,929	\$6,012,933	-\$2,068,502	\$3,944,431	3,376,740	\$1.17
As Used On-Peak	\$24,743,410	\$27,313,176	-\$1,284,883	\$26,028,293	42,520,310	\$0.6121
As Used Super Peak	<u>\$16,495,607</u>	<u>\$9,788,837</u>	<u>\$3,353,385</u>	<u>\$13,142,222</u>	15,238,959	\$0.8624
Total Revenue (Excluding Customer Charge)	\$43,114,946	\$43,114,946		\$43,114,946		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.56	\$1.78	\$1.17
As Used On-Peak	\$0.5819	\$0.6424	\$0.6121
As Used Super Peak	\$1.0825	\$0.6424	\$0.8624

**SC7/SC3A Sub****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$1,304,905	-\$652,453	\$652,453	4,542,349	\$0.14
As Used On-Peak	\$11,934,963	\$13,657,017	-\$861,027	\$12,795,990	61,025,515	\$0.2097
As Used Super Peak	<u>\$7,956,642</u>	<u>\$4,929,683</u>	<u>\$1,513,479</u>	<u>\$6,443,163</u>	22,027,977	\$0.2925
Total Revenue (Excluding Customer Charge)	\$19,891,605	\$19,891,605		\$19,891,605		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$0.29	\$0.14
As Used On-Peak	\$0.1956	\$0.2238	\$0.2097
As Used Super Peak	\$0.3612	\$0.2238	\$0.2925

**SC7/SC3A Tran****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$11,914,947	\$9,853,283	\$1,030,832	\$10,884,115	18,151,826	\$0.60
As Used On-Peak	\$36,642,620	\$47,143,471	-\$5,250,425	\$41,893,046	232,657,044	\$0.1801
As Used Super Peak	<u>\$24,428,414</u>	<u>\$15,989,227</u>	<u>\$4,219,593</u>	<u>\$20,208,820</u>	78,908,198	\$0.2561
Total Revenue (Excluding Customer Charge)	\$72,985,981	\$72,985,981		\$72,985,981		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.66	\$0.54	\$0.60
As Used On-Peak	\$0.1575	\$0.2026	\$0.1801
As Used Super Peak	\$0.3096	\$0.2026	\$0.2561

## Niagara Mohawk d/b/a National Grid

### Calculation of SC7 Phase-In Rates - Rate Year 3

Phase-in Percentage      66.7%      Year 4 of Phase-In

<b>SC7/SC2D</b>						
<b>Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate</b>						
	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$78,939,666	\$119,424,211	-\$26,989,697	\$92,434,514	20,167,577	\$4.58
As Used On-Peak	\$122,463,935	\$119,168,134	\$2,197,201	\$121,365,335	166,630,650	\$0.7283
As Used Super Peak	<u>\$81,642,624</u>	<u>\$44,453,880</u>	\$24,792,496	<u>\$69,246,376</u>	62,159,057	\$1.1140
Total Revenue (Excluding Customer Charge)	\$283,046,225	\$283,046,225		\$283,046,225		
<b>Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate</b>						
	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate			
Contract Demand Charge	\$3.91	\$5.92	\$4.58			
As Used On-Peak	\$0.7349	\$0.7152	\$0.7283			
As Used Super Peak	\$1.3134	\$0.7152	\$1.1140			



**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Rate Year 3**

Phase-in Percentage 66.7% Year 4 of Phase-In

**SC7/SC3 Sec****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$959,546	\$30,634,064	-\$19,783,012	\$10,851,052	13,142,117	\$0.83
As Used On-Peak	\$108,542,064	\$110,700,413	-\$1,438,899	\$109,261,513	156,881,506	\$0.6965
As Used Super Peak	<u>\$72,361,376</u>	<u>\$40,528,509</u>	\$21,221,911	<u>\$61,750,420</u>	57,435,861	\$1.0751
Total Revenue (Excluding Customer Charge)	\$181,862,985	\$181,862,985		\$181,862,985		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under Existing Methodology	Rates under new ACOS Study (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.07	\$2.33	\$0.83
As Used On-Peak	\$0.6919	\$0.7056	\$0.6965
As Used Super Peak	\$1.2599	\$0.7056	\$1.0751

**SC7/SC3 Pri****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$2,466,607	\$10,900,636	-\$5,622,686	\$5,277,950	5,446,433	\$0.97
As Used On-Peak	\$39,567,279	\$42,235,875	-\$1,779,065	\$40,456,811	67,249,238	\$0.6016
As Used Super Peak	<u>\$26,378,186</u>	<u>\$15,275,559</u>	\$7,401,751	<u>\$22,677,310</u>	24,322,207	\$0.9324
Total Revenue (Excluding Customer Charge)	\$68,412,071	\$68,412,071		\$68,412,071		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under Existing Methodology	Rates under new ACOS Study (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.45	\$2.00	\$0.97
As Used On-Peak	\$0.5884	\$0.6280	\$0.6016
As Used Super Peak	\$1.0845	\$0.6280	\$0.9324

**SC7/SC3 Sub/Tran****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$423,634	-\$282,422	\$141,211	2,419,339	\$0.06
As Used On-Peak	\$5,374,080	\$6,273,324	-\$599,496	\$5,673,828	28,161,327	\$0.2015
As Used Super Peak	<u>\$3,582,720</u>	<u>\$2,259,842</u>	\$881,918	<u>\$3,141,761</u>	10,144,568	\$0.3097
Total Revenue (Excluding Customer Charge)	\$8,956,800	\$8,956,800		\$8,956,800		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under Existing Methodology	Rates under new ACOS Study (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$0.18	\$0.06
As Used On-Peak	\$0.1908	\$0.2228	\$0.2015
As Used Super Peak	\$0.3532	\$0.2228	\$0.3097

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Rate Year 3**

Phase-in Percentage 66.7% Year 4 of Phase-In

**SC7/SC3A Sec/Pri****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$1,828,845	\$6,388,078	-\$3,039,489	\$3,348,589	3,330,714	\$1.01
As Used On-Peak	\$27,268,770	\$30,100,812	-\$1,888,028	\$28,212,784	41,923,317	\$0.6730
As Used Super Peak	<u>\$18,179,180</u>	<u>\$10,787,905</u>	\$4,927,517	<u>\$15,715,422</u>	15,025,002	\$1.0460
Total Revenue (Excluding Customer Charge)	\$47,276,795	\$47,276,795		\$47,276,795		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.55	\$1.92	\$1.01
As Used On-Peak	\$0.6504	\$0.7180	\$0.6730
As Used Super Peak	\$1.2099	\$0.7180	\$1.0460

**SC7/SC3A Sub****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$1,154,614	-\$769,742	\$384,871	4,475,893	\$0.09
As Used On-Peak	\$12,975,444	\$15,041,644	-\$1,377,466	\$13,664,178	60,129,793	\$0.2272
As Used Super Peak	<u>\$8,650,296</u>	<u>\$5,429,483</u>	\$2,147,209	<u>\$7,576,692</u>	21,704,654	\$0.3491
Total Revenue (Excluding Customer Charge)	\$21,625,741	\$21,625,741		\$21,625,741		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$0.26	\$0.09
As Used On-Peak	\$0.2158	\$0.2502	\$0.2272
As Used Super Peak	\$0.3985	\$0.2502	\$0.3491

**SC7/SC3A Tran****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$11,625,302	\$9,359,928	\$1,510,249	\$10,870,177	17,863,594	\$0.61
As Used On-Peak	\$40,263,217	\$51,801,639	-\$7,692,281	\$44,109,357	229,003,807	\$0.1926
As Used Super Peak	<u>\$26,842,144</u>	<u>\$17,569,096</u>	\$6,182,032	<u>\$23,751,128</u>	77,669,162	\$0.3058
Total Revenue (Excluding Customer Charge)	\$78,730,663	\$78,730,663		\$78,730,663		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.65	\$0.52	\$0.61
As Used On-Peak	\$0.1758	\$0.2262	\$0.1926
As Used Super Peak	\$0.3456	\$0.2262	\$0.3058

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Post Rate Year 3**

Phase-in Percentage 83.3% Year 5 of Phase-In

**SC7/SC2D****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$74,738,814	\$113,768,835	-\$32,525,018	\$81,243,817	20,167,577	\$4.03
As Used On-Peak	\$118,064,066	\$114,886,676	\$2,647,825	\$117,534,501	166,630,650	\$0.7054
As Used Super Peak	<u>\$78,709,377</u>	<u>\$42,856,746</u>	\$29,877,192	<u>\$72,733,939</u>	62,159,057	\$1.1701
Total Revenue (Excluding Customer Charge)	\$271,512,257	\$271,512,257		\$271,512,257		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$3.71	\$5.64	\$4.03
As Used On-Peak	\$0.7085	\$0.6895	\$0.7054
As Used Super Peak	\$1.2663	\$0.6895	\$1.1701

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Post Rate Year 3**

Phase-in Percentage 83.3% Year 5 of Phase-In

**SC7/SC3 Sec****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$27,989,807	-\$23,324,839	\$4,664,968	13,142,117	\$0.35
As Used On-Peak	\$104,326,947	\$106,791,148	-\$2,053,501	\$104,737,647	156,881,506	\$0.6676
As Used Super Peak	\$69,551,298	\$39,097,289	\$25,378,341	\$64,475,630	57,435,861	\$1.1226
Total Revenue (Excluding Customer Charge)	\$173,878,244	\$173,878,244		\$173,878,244		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$2.13	\$0.35
As Used On-Peak	\$0.6650	\$0.6807	\$0.6676
As Used Super Peak	\$1.2109	\$0.6807	\$1.1226

**SC7/SC3 Pri****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$2,041,121	\$10,172,900	-\$6,776,483	\$3,396,417	5,446,433	\$0.62
As Used On-Peak	\$38,149,307	\$40,722,269	-\$2,144,135	\$38,578,134	67,249,238	\$0.5737
As Used Super Peak	\$25,432,871	\$14,728,129	\$8,920,618	\$23,648,748	24,322,207	\$0.9723
Total Revenue (Excluding Customer Charge)	\$65,623,299	\$65,623,299		\$65,623,299		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.37	\$1.87	\$0.62
As Used On-Peak	\$0.5673	\$0.6055	\$0.5737
As Used Super Peak	\$1.0457	\$0.6055	\$0.9723

**SC7/SC3 Sub/Tran****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$273,656	-\$228,047	\$45,609	2,419,339	\$0.02
As Used On-Peak	\$5,106,491	\$6,055,711	-\$791,016	\$5,264,694	28,161,327	\$0.1869
As Used Super Peak	\$3,404,327	\$2,181,451	\$1,019,063	\$3,200,515	10,144,568	\$0.3155
Total Revenue (Excluding Customer Charge)	\$8,510,818	\$8,510,818		\$8,510,818		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On- Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$0.11	\$0.02
As Used On-Peak	\$0.1813	\$0.2150	\$0.1869
As Used Super Peak	\$0.3356	\$0.2150	\$0.3155

**Niagara Mohawk d/b/a National Grid****Calculation of SC7 Phase-In Rates - Post Rate Year 3**

Phase-in Percentage 83.3% Year 5 of Phase-In

**SC7/SC3A Sec/Pri****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$1,636,887	\$6,031,913	-\$3,662,522	\$2,369,391	3,330,714	\$0.71
As Used On-Peak	\$26,286,643	\$29,016,684	-\$2,275,034	\$26,741,650	41,923,317	\$0.6379
As Used Super Peak	<u>\$17,524,429</u>	<u>\$10,399,361</u>	\$5,937,556	<u>\$16,336,917</u>	15,025,002	\$1.0873
Total Revenue (Excluding Customer Charge)	\$45,447,958	\$45,447,958		\$45,447,958		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On-Peak )	Revised Rate
Contract Demand Charge	\$0.49	\$1.81	\$0.71
As Used On-Peak	\$0.6270	\$0.6921	\$0.6379
As Used Super Peak	\$1.1664	\$0.6921	\$1.0873

**SC7/SC3A Sub****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$0	\$950,473	-\$792,061	\$158,412	4,475,893	\$0.04
As Used On-Peak	\$12,411,295	\$14,500,770	-\$1,741,230	\$12,759,541	60,129,793	\$0.2122
As Used Super Peak	<u>\$8,274,196</u>	<u>\$5,234,247</u>	\$2,533,291	<u>\$7,767,538</u>	21,704,654	\$0.3579
Total Revenue (Excluding Customer Charge)	\$20,685,491	\$20,685,491		\$20,685,491		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On-Peak )	Revised Rate
Contract Demand Charge	\$0.00	\$0.21	\$0.04
As Used On-Peak	\$0.2064	\$0.2412	\$0.2122
As Used Super Peak	\$0.3812	\$0.2412	\$0.3579

**SC7/SC3A Tran****Phase In Based on Revenue- Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Revenue to be Collected under new ACOS Study Approach	Revenue to be Collected under Existing Methodology	Delta with Phase In	Revised Revenue Requirement	Bill Units (Under ACOS Study Approach)	Revised Rate
Contract Demand Charge	\$11,108,450	\$8,924,801	\$1,819,708	\$10,744,509	17,863,594	\$0.60
As Used On-Peak	\$38,810,701	\$49,932,868	-\$9,268,473	\$40,664,395	229,003,807	\$0.1776
As Used Super Peak	<u>\$25,873,800</u>	<u>\$16,935,282</u>	\$7,448,765	<u>\$24,384,047</u>	77,669,162	\$0.3139
Total Revenue (Excluding Customer Charge)	\$75,792,952	\$75,792,952		\$75,792,952		

**Phase In Based on Rate - Starting with Proxy Super Peak Period Rate = On-Peak Rate**

	Rates under new ACOS Study Approach	Rates under Existing Methodology (with Super = On-Peak )	Revised Rate
Contract Demand Charge	\$0.62	\$0.50	\$0.60
As Used On-Peak	\$0.1695	\$0.2180	\$0.1776
As Used Super Peak	\$0.3331	\$0.2180	\$0.3139

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 Stayout RATES v. PROPOSED Rate Year 1 Compressed RATES (Including Phase-In)

	Stayout Rates	Rate Year 1 Compressed Rates		Stayout Phase-In Rates	Rate Year 1 Compressed Phase-In Rates
<b>SC1-RESIDENTIAL</b>					
Distribution Delivery Rates and Charges					
Customer Charge - Standard	\$17.33	\$19.00			
Contract Demand Charge	\$5.28	\$5.49			
As-Used Daily On-Peak Demand Charge per kW	\$0.2852	\$0.4610			
As-Used Daily Super Peak Demand Charge per kW	\$0.6635	\$1.0179			
<b>SC2ND-SMALL GENERAL SERVICE</b>					
Distribution Delivery Rates and Charges					
Customer Charge	\$21.02	\$25.00			
Contract Demand Charge	\$7.28	\$5.91			
As-Used Daily On-Peak Demand Charge per kW	\$0.3069	\$0.5168			
As-Used Daily Super Peak Demand Charge per kW	\$0.6514	\$1.1194			
<b>SC2D-SMALL GENERAL SERVICE</b>					
Distribution Delivery Rates and Charges					
Customer Charge	\$53.57	\$65.00		\$53.57	\$65.00
Contract Demand Charge per kW	\$3.25	\$2.91		\$3.91	\$4.00
As-Used Daily On-Peak Demand Charge per kW	\$0.5580	\$0.8484		\$0.5762	\$0.7747
As-Used Daily Super Peak Demand Charge per kW	\$0.9483	\$1.3936		\$0.7063	\$0.9564

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 Stayout RATES v. PROPOSED Rate Year 1 Compressed RATES (Including Phase-In)

	Stayout Rates	Rate Year 1 Compressed Rates	Stayout Phase-In Rates	Proposed Rate Year 1 Compressed Phase-In Rates
SC3-LARGE GENERAL SERVICE SECONDARY METERED (UP TO 2.2 KV) Distribution Delivery Rates and Charges				
Customer Charge	\$675.00	\$775.00	\$675.00	\$775.00
Contract Demand Charge per kW	\$0.30	\$0.21	\$1.14	\$1.44
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.4718	\$0.7841	\$0.4927	\$0.7352
As-Used Daily Super Peak Demand Charge per kW	\$0.8741	\$1.2826	\$0.6268	\$0.9013

	Stayout Rates	Rate Year 1 Compressed Rates	Stayout Phase-In Rates	Proposed Rate Year 1 Compressed Phase-In Rates
SC3-LARGE GENERAL SERVICE PRIMARY METERED (2.2 TO 15 KV) Distribution Delivery Rates and Charges				
Customer Charge	\$700.00	\$850.00	\$700.00	\$850.00
Contract Demand Charge per kW	\$0.00	\$0.45	\$0.82	\$1.29
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.4299	\$0.6626	\$0.4474	\$0.6387
As-Used Daily Super Peak Demand Charge per kW	\$0.8038	\$1.0858	\$0.5720	\$0.7797

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 Stayout RATES v. PROPOSED Rate Year 1 Compressed RATES (Including Phase-In)

	Stayout Rates	Rate Year 1 Compressed Rates	Stayout Phase-In Rates	Rate Year 1 Compressed Phase-In Rates
SC3-LARGE GENERAL SERVICE				
SUBTRANSMISSION METERED (22 TO 50 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$1,150.00	\$1,430.00	\$1,150.00	\$1,430.00
Customer Charge for Wholesale Generators	\$760.68	\$1,040.68	\$760.68	\$1,040.68
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.02	\$0.15
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.1413	\$0.2233	\$0.1611	\$0.2244
As-Used Daily Super Peak Demand Charge per kW	\$0.2613	\$0.3645	\$0.2011	\$0.2715
	Stayout Rates	Rate Year 1 Compressed Rates	Stayout Phase-In Rates	Rate Year 1 Compressed Phase-In Rates
SC3-LARGE GENERAL SERVICE				
TRANSMISSION METERED (OVER 60 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$1,150.00	\$1,430.00	\$1,150.00	\$1,430.00
Customer Charge for Wholesale Generators	\$760.68	\$1,040.68	\$760.68	\$1,040.68
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.02	\$0.15
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.1413	\$0.2233	\$0.1611	\$0.2244
As-Used Daily Super Peak Demand Charge per kW	\$0.2613	\$0.3645	\$0.2011	\$0.2715



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
Stayout RATES v. PROPOSED Rate Year 1 Compressed RATES (Including Phase-In)

	Stayout Rates	Rate Year 1 Compressed Rates	Stayout Phase-In Rates	Rate Year 1 Compressed Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. SECONDARY METERED (UP TO 2.2 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$3,000.00	\$3,525.00	\$3,000.00	\$3,525.00
Contract Demand Charge per kW	\$0.47	\$0.55	\$1.34	\$1.28
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.4674	\$0.7165	\$0.4892	\$0.7041
As-Used Daily Super Peak Demand Charge per kW	\$0.8812	\$1.1575	\$0.6272	\$0.8511
	Stayout Rates	Rate Year 1 Compressed Rates	Stayout Phase-In Rates	Rate Year 1 Compressed Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. PRIMARY METERED (2.2 TO 15 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$3,000.00	\$3,525.00	\$3,000.00	\$3,525.00
Contract Demand Charge per kW	\$0.47	\$0.55	\$1.34	\$1.28
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.4674	\$0.7165	\$0.4892	\$0.7041
As-Used Daily Super Peak Demand Charge per kW	\$0.8812	\$1.1575	\$0.6272	\$0.8511

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 Stayout RATES v. PROPOSED Rate Year 1 Compressed RATES (Including Phase-In)

	Stayout Rates	Rate Year 1 Compressed Rates	Stayout Phase-In Rates	Rate Year 1 Compressed Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. SUBTRANSMISSION METERED (22 TO 50 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$3,700.00	\$4,350.00	\$3,700.00	\$4,350.00
Customer Charge for Wholesale Generators	\$2,736.07	\$3,386.07	\$2,736.07	\$3,386.07
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.14	\$0.21
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.1601	\$0.2462	\$0.1773	\$0.2464
As-Used Daily Super Peak Demand Charge per kW	\$0.3028	\$0.4020	\$0.2249	\$0.2983
	Stayout Rates	Rate Year 1 Compressed Rates	Stayout Phase-In Rates	Rate Year 1 Compressed Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. TRANSMISSION METERED (OVER 60 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$7,500.00	\$8,800.00	\$7,500.00	\$8,800.00
Customer Charge for Wholesale Generators	\$5,316.00	\$6,616.00	\$5,316.00	\$6,616.00
Contract Demand Charge per kW	\$0.36	\$0.62	\$0.38	\$0.55
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.1294	\$0.1840	\$0.1493	\$0.1991
As-Used Daily Super Peak Demand Charge per kW	\$0.2557	\$0.3049	\$0.1914	\$0.2394

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 1 Compressed RATES v. PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression (Including Phase-In)

	Proposed Rate Year 1 Compressed Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates		
SC1-RESIDENTIAL				
Distribution Delivery Rates and Charges				
Customer Charge - Standard	\$19.00	\$19.00		
Contract Demand Charge	\$5.49	\$6.29		
As-Used Daily On-Peak Demand Charge per kW	\$0.4610	\$0.3600		
As-Used Daily Super Peak Demand Charge per kW	\$1.0179	\$0.7640		
	Proposed Rate Year 1 Compressed Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates		
SC2ND-SMALL GENERAL SERVICE				
Distribution Delivery Rates and Charges				
Customer Charge	\$25.00	\$25.00		
Contract Demand Charge	\$5.91	\$6.93		
As-Used Daily On-Peak Demand Charge per kW	\$0.5168	\$0.4169		
As-Used Daily Super Peak Demand Charge per kW	\$1.1194	\$0.9111		
	Proposed Rate Year 1 Compressed Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 1 Compressed Phase-In Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates
SC2D-SMALL GENERAL SERVICE				
Distribution Delivery Rates and Charges				
Customer Charge	\$65.00	\$65.00	\$65.00	\$65.00
Contract Demand Charge per kW	\$2.91	\$3.36	\$4.00	\$4.26
As-Used Daily On-Peak Demand Charge per kW	\$0.8484	\$0.6599	\$0.7747	\$0.6511
As-Used Daily Super Peak Demand Charge per kW	\$1.3936	\$1.1794	\$0.9564	\$0.9108

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 1 Compressed RATES v. PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression (Including Phase-In)

	Proposed Rate Year 1 Compressed Rates	Rate Year 2 including a Portion of Rate Year 1 Compression	Proposed Rate Year 1 Compressed Phase-In Rates	Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates
SC3-LARGE GENERAL SERVICE SECONDARY METERED (UP TO 2.2 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$775.00		\$775.00	\$870.00
Contract Demand Charge per kW	\$0.21		\$0.13	\$1.15
Reactive Demand Charge per kvar	\$0.85		\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.7841		\$0.7352	\$0.6271
As-Used Daily Super Peak Demand Charge per kW	\$1.2826		\$0.9013	\$0.8819
SC3-LARGE GENERAL SERVICE PRIMARY METERED (2.2 TO 15 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$850.00		\$850.00	\$950.00
Contract Demand Charge per kW	\$0.45		\$0.45	\$1.15
Reactive Demand Charge per kvar	\$0.85		\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.6626		\$0.5277	\$0.5455
As-Used Daily Super Peak Demand Charge per kW	\$1.0858		\$0.7727	\$0.7680

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 1 Compressed RATES v. PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression (Including Phase-In)

	Proposed Rate Year 1 Compressed Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 1 Compressed Phase-In Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates
SC3-LARGE GENERAL SERVICE SUBTRANSMISSION METERED (22 TO 50 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$1,430.00	\$1,600.00	\$1,430.00	\$1,600.00
Customer Charge for Wholesale Generators	\$1,040.68	\$1,210.68	\$1,040.68	\$1,210.68
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.15	\$0.09
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.2233	\$0.1753	\$0.2244	\$0.1892
As-Used Daily Super Peak Demand Charge per kW	\$0.3645	\$0.3245	\$0.2715	\$0.2638
	Proposed Rate Year 1 Compressed Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 1 Compressed Phase-In Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates
SC3-LARGE GENERAL SERVICE TRANSMISSION METERED (OVER 60 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$1,430.00	\$1,600.00	\$1,430.00	\$1,600.00
Customer Charge for Wholesale Generators	\$1,040.68	\$1,210.68	\$1,040.68	\$1,210.68
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.15	\$0.09
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.2233	\$0.1753	\$0.2244	\$0.1892
As-Used Daily Super Peak Demand Charge per kW	\$0.3645	\$0.3245	\$0.2715	\$0.2638

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 1 Compressed RATES v. PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression (Including Phase-In)

	Proposed Rate Year 1 Compressed Rates	Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 1 Compressed Phase-In Rates	Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. SECONDARY METERED (UP TO 2.2 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$3,525.00		\$4,150.00	\$3,525.00
Contract Demand Charge per kW	\$0.55		\$0.56	\$1.28
Reactive Demand Charge per kvar	\$1.02		\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.7165		\$0.5819	\$0.7041
As-Used Daily Super Peak Demand Charge per kW	\$1.1575		\$1.0825	\$0.8511
	Proposed Rate Year 1 Compressed Rates	Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 1 Compressed Phase-In Rates	Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. PRIMARY METERED (2.2 TO 15 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$3,525.00		\$4,150.00	\$3,525.00
Contract Demand Charge per kW	\$0.55		\$0.56	\$1.28
Reactive Demand Charge per kvar	\$1.02		\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.7165		\$0.5819	\$0.7041
As-Used Daily Super Peak Demand Charge per kW	\$1.1575		\$1.0825	\$0.8511

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 1 Compressed RATES v. PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression (Including Phase-In)

	Proposed Rate Year 1 Compressed Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 1 Compressed Phase-In Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. SUBTRANSMISSION METERED (22 TO 50 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$4,350.00	\$5,100.00	\$4,350.00	\$5,100.00
Customer Charge for Wholesale Generators	\$3,386.07	\$4,136.07	\$3,386.07	\$4,136.07
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.21	\$0.14
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.2462	\$0.1956	\$0.2464	\$0.2097
As-Used Daily Super Peak Demand Charge per kW	\$0.4020	\$0.3612	\$0.2983	\$0.2925
	Proposed Rate Year 1 Compressed Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 1 Compressed Phase-In Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. TRANSMISSION METERED (OVER 60 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$8,800.00	\$10,350.00	\$8,800.00	\$10,350.00
Customer Charge for Wholesale Generators	\$6,616.00	\$8,166.00	\$6,616.00	\$8,166.00
Contract Demand Charge per kW	\$0.62	\$0.66	\$0.55	\$0.60
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.1840	\$0.1575	\$0.1991	\$0.1801
As-Used Daily Super Peak Demand Charge per kW	\$0.3049	\$0.3096	\$0.2394	\$0.2561





NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression v. PROPOSED Rate Year 3 RATES (Including Phase-In)

	Rate Year 2 including a Portion of Rate Year 1 Compression	Proposed Rate Year 3 Rates	Rate Year 2 including a Portion of Rate Year 1 Compression	Proposed Rate Year 3 Rates
SC3-LARGE GENERAL SERVICE SECONDARY METERED (UP TO 2.2 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$870.00	\$975.00	\$870.00	\$975.00
Contract Demand Charge per kW	\$0.13	\$0.07	\$1.15	\$0.83
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.6209	\$0.6919	\$0.6271	\$0.6965
As-Used Daily Super Peak Demand Charge per kW	\$1.1306	\$1.2599	\$0.8819	\$1.0751
SC3-LARGE GENERAL SERVICE PRIMARY METERED (2.2 TO 15 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$950.00	\$1,075.00	\$950.00	\$1,075.00
Contract Demand Charge per kW	\$0.45	\$0.45	\$1.15	\$0.97
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.5277	\$0.5884	\$0.5455	\$0.6016
As-Used Daily Super Peak Demand Charge per kW	\$0.9727	\$1.0845	\$0.7680	\$0.9324

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression v. PROPOSED Rate Year 3 RATES (Including Phase-In)

	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 3 Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates	Proposed Rate Year 3 Phase-In Rates
SC3-LARGE GENERAL SERVICE SUBTRANSMISSION METERED (22 TO 50 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$1,600.00	\$1,790.00	\$1,600.00	\$1,790.00
Customer Charge for Wholesale Generators	\$1,210.68	\$1,400.68	\$1,210.68	\$1,400.68
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.09	\$0.06
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.1753	\$0.1908	\$0.1892	\$0.2015
As-Used Daily Super Peak Demand Charge per kW	\$0.3245	\$0.3532	\$0.2638	\$0.3097
	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 3 Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 3 Phase-In Rates
SC3-LARGE GENERAL SERVICE TRANSMISSION METERED (OVER 60 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$1,600.00	\$1,790.00	\$1,600.00	\$1,790.00
Customer Charge for Wholesale Generators	\$1,210.68	\$1,400.68	\$1,210.68	\$1,400.68
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.09	\$0.06
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.1753	\$0.1908	\$0.1892	\$0.2015
As-Used Daily Super Peak Demand Charge per kW	\$0.3245	\$0.3532	\$0.2638	\$0.3097

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression v. PROPOSED Rate Year 3 RATES (Including Phase-In)

	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 3 Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates	Proposed Rate Year 3 Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. SECONDARY METERED (UP TO 2.2 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$4,150.00	\$4,900.00	\$4,150.00	\$4,900.00
Contract Demand Charge per kW	\$0.56	\$0.55	\$1.17	\$1.01
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.5819	\$0.6504	\$0.6121	\$0.6730
As-Used Daily Super Peak Demand Charge per kW	\$1.0825	\$1.2099	\$0.8624	\$1.0460
	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 3 Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates	Proposed Rate Year 3 Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. PRIMARY METERED (2.2 TO 15 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$4,150.00	\$4,900.00	\$4,150.00	\$4,900.00
Contract Demand Charge per kW	\$0.56	\$0.55	\$1.17	\$1.01
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.5819	\$0.6504	\$0.6121	\$0.6730
As-Used Daily Super Peak Demand Charge per kW	\$1.0825	\$1.2099	\$0.8624	\$1.0460

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
PROPOSED Rate Year 2 RATES Including a Portion of Rate Year 1 Compression v. PROPOSED Rate Year 3 RATES (Including Phase-In)

	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 3 Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates	Proposed Rate Year 3 Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. SUBTRANSMISSION METERED (22 TO 50 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$5,100.00	\$6,000.00	\$5,100.00	\$6,000.00
Customer Charge for Wholesale Generators	\$4,136.07	\$5,036.07	\$4,136.07	\$5,036.07
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.14	\$0.09
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.1956	\$0.2158	\$0.2097	\$0.2272
As-Used Daily Super Peak Demand Charge per kW	\$0.3612	\$0.3985	\$0.2925	\$0.3491
	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Rates	Proposed Rate Year 3 Rates	Proposed Rate Year 2 including a Portion of Rate Year 1 Compression Phase-In Rates	Proposed Rate Year 3 Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. TRANSMISSION METERED (OVER 60 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$10,350.00	\$12,250.00	\$10,350.00	\$12,250.00
Customer Charge for Wholesale Generators	\$8,166.00	\$10,066.00	\$8,166.00	\$10,066.00
Contract Demand Charge per kW	\$0.66	\$0.65	\$0.60	\$0.61
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.1575	\$0.1758	\$0.1801	\$0.1926
As-Used Daily Super Peak Demand Charge per kW	\$0.3096	\$0.3456	\$0.2561	\$0.3058

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 PROPOSED Rate Year 3 RATES v. PROPOSED Post Rate Year 3 RATES (Including Phase-In)

	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates		
SC1-RESIDENTIAL				
Distribution Delivery Rates and Charges				
Customer Charge - Standard	\$19.00	\$19.00		
Contract Demand Charge	\$7.15	\$6.79		
As-Used Daily On-Peak Demand Charge per kW	\$0.3914	\$0.3774		
As-Used Daily Super Peak Demand Charge per kW	\$0.8305	\$0.8010		
	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates		
SC2ND-SMALL GENERAL SERVICE				
Distribution Delivery Rates and Charges				
Customer Charge	\$25.00	\$25.00		
Contract Demand Charge	\$8.19	\$7.72		
As-Used Daily On-Peak Demand Charge per kW	\$0.4639	\$0.4474		
As-Used Daily Super Peak Demand Charge per kW	\$1.0139	\$0.9778		
	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Phase-In Rates	Proposed Post Rate Year 3 Phase-In Rates
SC2D-SMALL GENERAL SERVICE				
Distribution Delivery Rates and Charges				
Customer Charge	\$65.00	\$65.00	\$65.00	\$65.00
Contract Demand Charge per kW	\$3.91	\$3.71	\$4.58	\$4.03
As-Used Daily On-Peak Demand Charge per kW	\$0.7349	\$0.7085	\$0.7283	\$0.7054
As-Used Daily Super Peak Demand Charge per kW	\$1.3134	\$1.2663	\$1.1140	\$1.1701

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 PROPOSED Rate Year 3 RATES v. PROPOSED Post Rate Year 3 RATES (Including Phase-In)

	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Phase-In Rates	Proposed Post Rate Year 3 Phase-In Rates
SC3-LARGE GENERAL SERVICE				
SECONDARY METERED (UP TO 2.2 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$975.00	\$975.00	\$975.00	\$975.00
Contract Demand Charge per kW	\$0.07	\$0.00	\$0.83	\$0.35
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.6919	\$0.6650	\$0.6965	\$0.6676
As-Used Daily Super Peak Demand Charge per kW	\$1.2599	\$1.2109	\$1.0751	\$1.1226
	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Phase-In Rates	Proposed Post Rate Year 3 Phase-In Rates
SC3-LARGE GENERAL SERVICE				
PRIMARY METERED (2.2 TO 15 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$1,075.00	\$1,075.00	\$1,075.00	\$1,075.00
Contract Demand Charge per kW	\$0.45	\$0.37	\$0.97	\$0.62
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.5884	\$0.5673	\$0.6016	\$0.5737
As-Used Daily Super Peak Demand Charge per kW	\$1.0845	\$1.0457	\$0.9324	\$0.9723

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 PROPOSED Rate Year 3 RATES v. PROPOSED Post Rate Year 3 RATES (Including Phase-In)

	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Phase-In Rates	Proposed Post Rate Year 3 Phase-In Rates
SC3-LARGE GENERAL SERVICE				
SUBTRANSMISSION METERED (22 TO 50 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$1,790.00	\$1,790.00	\$1,790.00	\$1,790.00
Customer Charge for Wholesale Generators	\$1,400.68	\$1,400.68	\$1,400.68	\$1,400.68
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.06	\$0.02
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.1908	\$0.1813	\$0.2015	\$0.1869
As-Used Daily Super Peak Demand Charge per kW	\$0.3532	\$0.3356	\$0.3097	\$0.3155
	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Phase-In Rates
SC3-LARGE GENERAL SERVICE				
TRANSMISSION METERED (OVER 60 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$1,790.00	\$1,790.00	\$1,790.00	\$1,790.00
Customer Charge for Wholesale Generators	\$1,400.68	\$1,400.68	\$1,400.68	\$1,400.68
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.06	\$0.02
Reactive Demand Charge per kvar	\$0.85	\$0.85	\$0.85	\$0.85
As-Used Daily On-Peak Demand Charge per kW	\$0.1908	\$0.1813	\$0.2015	\$0.1869
As-Used Daily Super Peak Demand Charge per kW	\$0.3532	\$0.3356	\$0.3097	\$0.3155

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 PROPOSED Rate Year 3 RATES v. PROPOSED Post Rate Year 3 RATES (Including Phase-In)

	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Phase-In Rates	Proposed Post Rate Year 3 Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. SECONDARY METERED (UP TO 2.2 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$4,900.00	\$4,900.00	\$4,900.00	\$4,900.00
Contract Demand Charge per kW	\$0.55	\$0.49	\$1.01	\$0.71
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.6504	\$0.6270	\$0.6730	\$0.6379
As-Used Daily Super Peak Demand Charge per kW	\$1.2099	\$1.1664	\$1.0460	\$1.0873
	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Phase-In Rates	Proposed Post Rate Year 3 Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. PRIMARY METERED (2.2 TO 15 KV)				
Distribution Delivery Rates and Charges				
Customer Charge	\$4,900.00	\$4,900.00	\$4,900.00	\$4,900.00
Contract Demand Charge per kW	\$0.55	\$0.49	\$1.01	\$0.71
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.6504	\$0.6270	\$0.6730	\$0.6379
As-Used Daily Super Peak Demand Charge per kW	\$1.2099	\$1.1664	\$1.0460	\$1.0873



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 COMPARISON OF PROPOSED SC-7 STANDBY SERVICE RATES  
 PROPOSED Rate Year 3 RATES v. PROPOSED Post Rate Year 3 RATES (Including Phase-In)

	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Phase-In Rates	Proposed Post Rate Year 3 Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. SUBTRANSMISSION METERED (22 TO 50 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00
Customer Charge for Wholesale Generators	\$5,036.07	\$5,036.07	\$5,036.07	\$5,036.07
Contract Demand Charge per kW	\$0.00	\$0.00	\$0.09	\$0.04
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.2158	\$0.2064	\$0.2272	\$0.2122
As-Used Daily Super Peak Demand Charge per kW	\$0.3985	\$0.3812	\$0.3491	\$0.3579
	Proposed Rate Year 3 Rates	Proposed Post Rate Year 3 Rates	Proposed Rate Year 3 Phase-In Rates	Proposed Post Rate Year 3 Phase-In Rates
SC3A-LARGE GENERAL SERVICE T.O.U. TRANSMISSION METERED (OVER 60 KV)				
Distribution Delivery Rates and Charges				
Customer Charge for Non-Wholesale Generators	\$12,250.00	\$12,250.00	\$12,250.00	\$12,250.00
Customer Charge for Wholesale Generators	\$10,066.00	\$10,066.00	\$10,066.00	\$10,066.00
Contract Demand Charge per kW	\$0.65	\$0.62	\$0.61	\$0.60
Reactive Demand Charge per kvar	\$1.02	\$1.02	\$1.02	\$1.02
As-Used Daily On-Peak Demand Charge per kW	\$0.1758	\$0.1695	\$0.1926	\$0.1776
As-Used Daily Super Peak Demand Charge per kW	\$0.3456	\$0.3331	\$0.3058	\$0.3139

P.S.C. 220 ELECTRICITY  
NIAGARA MOHAWK POWER CORPORATION  
INITIAL EFFECTIVE DATE: DRAFT  
STAMPS: DRAFT

STATEMENT TYPE: EVCS  
STATEMENT NO.  
PAGE 1 OF 1

**NIAGARA MOHAWK POWER CORPORATION  
STATEMENT OF RESIDENTIAL ELECTRIC VEHICLE CHARGE SMART PLAN  
ILLUSTRATIVE EXAMPLE**

**EFFECTIVE: [Rate Year 1] FOR BATCH BILLINGS  
EFFECTIVE: [Rate Year 1] FOR CALENDAR MONTH BILLINGS**

**APPLICABLE TO BILLINGS SET FORTH  
BELOW UNDER P.S.C. NO. 220 ELECTRICITY  
(PSC No. 220 – SC1 Special Provision N)**

**Residential EV Charge Smart Plan Monthly Incentive**

Service Classification	Zone	
Minimum kWh Charging	All Zones	50 kWh
Minimum Off-Peak Charging Percentage	All Zones	80%
		\$/month
EV Charge Smart Incentive Delivery	All Zones	\$ 19.39
EV Charge Smart Incentive Supply	All Zones	\$ 4.61
Total EV Charge Smart Incentive		\$ 24.00

Rates shown above are exclusive of gross receipts taxes.

Issued by Sally Librera, President, Syracuse, New York  
Dated: Draft

## Residential Electric Vehicle Charge Smart Monthly Incentive Calculation

		RY1
(1)	SC1 Delivery Rate <sup>1</sup>	\$0.08889
(2)	SC1 VTOU Off-peak Delivery Rate <sup>2</sup>	\$0.00970
(3) = (1) - (2)	Delivery Off-peak Cost Avoidance	\$0.07919
(4)	SC1 Weighted Average 5 Year Supply Forecast <sup>3</sup>	\$0.07821
(5)	SC1 Off-peak Weighted Average 5 Year Supply Forecast <sup>4</sup>	\$0.05762
(6) = (4) - (5)	Supply Off-peak Avoided Rate	\$0.02059
(7) = (3) + (6)	Total Off-peak Avoided Rate	\$0.09978
(8)	EV Average Monthly Home Off-peak kWh <sup>5</sup>	244.8
(9) = (3) * (8)	EV Monthly Delivery Avoided Rate	\$19.39
(10) = (6) * (8)	EV Monthly Supply Avoided Rate	\$5.04
(11) = (9) + (10)	EV Monthly Total Avoided Rate	\$24.43
(12)	Maximum Per-Customer Monthly Incentive	\$24.00
(13) = (9)	<b>EV Smart Charge Delivery Incentive</b>	<b>\$19.39</b>
(14) = (12) - (13)	<b>EV Smart Charge Supply Incentive</b>	<b>\$4.61</b>
(15) = (14) / (10)	Share of Supply Cost Avoidance included in incentive	91.5%
(16) = (12) >= (9)	Incentive value is greater than or equal to avoided delivery costs? (for PSC Order compliance)	TRUE
(17) = (12) <= (11)	Incentive value is less than or equal to avoided delivery and supply costs? (for PSC Order compliance)	TRUE

### Notes

<sup>1</sup> SC1 Proposed Delivery Rate (Compressed for 9/1/2025 effective date) for RY1, per Exhibit Appendix 2, Schedule 3.3

<sup>2</sup> Proposed off-peak delivery rate for the Residential Optional Time of Use Delivery, per Exhibit Appendix 2, Schedule 3.8 .  
and SC1 forecasted supply rate

<sup>3</sup> 5 Year Weighted Average SC1 Supply rate from Company supply forecast with proposed loss factors (September 2025 - August 2030).

<sup>4</sup> 5 Year Weighted Average SC1 Off-Peak Supply rate from Company supply forecast with proposed loss factors (September 2025 - August 2030).

<sup>5</sup> EV Avg Monthly Home Off-Peak kWh as established by the Company.

### Development of Credit and Collection Factor

## Line #

[illegible]

1 Appendix 2, Schedule 3I, Line 3

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of Credit and Collection Factor

Credit & Collections - with POR Commodity Revenue									
Line #									
1	Total Rev Requirement	\$	4,330,264						
2									
3									
4		Non-Demand	Demand	Streetlighting					
5	Total Revenue Requirement (Allocated by Commodity)	\$	4,139,619	\$	189,721	\$	924	\$	4,330,264
6	FY2027 Forecast of Full Service & POR kWh sales (excluding SC12 contracts)		12,775,491,848		7,910,272,789		63,436,668		20,749,201,306
		\$/kWh	\$	0.00032	\$	0.00002	\$	0.00001	

1 Appendix 2, Schedule 3I, Line 3

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of Credit and Collection Factor

Credit & Collections - with POR Commodity Revenue									
Line #									
1	Total Rev Requirement	\$	4,330,264						
2									
3									
4		Non-Demand	Demand	Streetlighting					
5	Total Revenue Requirement (Allocated by Commodity)	\$	4,140,823	\$	188,581	\$	860	\$	4,330,264
6	FY2028 Forecast of Full Service & POR kWh sales (excluding SC12 contracts)		12,916,540,527		7,843,228,711		60,259,936		20,820,029,175
		\$/kWh	\$	0.00032	\$	0.00002	\$	0.00001	

1 Appendix 2, Schedule 3I, Line 3

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of the Uncollectible Factor

**Uncollectibles**

## Merchant Function Charge

	Non-Demand	Demand	Streetlighting	Total
1 Revenue for 3 Years (CY2019, CY2022-CY2023)	\$ 5,908,134,883	\$ 2,941,448,788	\$ 152,156,661	\$ 9,001,740,331
2 Net Writeoffs for 3 Years (CY2019, CY2022-CY2023)	\$ 135,375,165	\$ 13,730,272	\$ 159,618	\$ 149,265,056
3 Uncollectible factor	<b>2.29%</b>	<b>0.47%</b>	<b>0.10%</b>	
4 FY2026 Forecast Pure Commodity Revenue	\$ 946,577,918	\$ 436,040,777	\$ 3,087,635	\$ 1,385,706,330
5 Forecast Uncollectible MFC collected	\$ 21,689,272	\$ 2,035,377	\$ 3,239	\$ 23,727,888
6 FY2026 Forecast Full Service Customer kWh Sales	11,792,498,818	5,777,274,408	45,654,540	17,615,427,766
7	<b>\$/kWh \$ 0.00184</b>	<b>\$ 0.00035</b>	<b>\$ 0.00007</b>	

1 Includes LPC and POR Revenue for 36 months (CY 2019, CY2022-CY2023)

2 Net Writeoffs for 36 months (CY2019, CY2022-CY2023)

3 Line 2 / Line 1

4 FY2026 Forecast Pure Commodity Revenue (excludes SC12 contracts)

5 Line 3 \* Line 4

6 FY2026 Forecast Full Customer kWh sales (excludes SC12 contracts)

7 Line 12 / Line 13

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## Development of the Uncollectible Factor

**Uncollectibles**

## Merchant Function Charge

	Non-Demand		Demand		Streetlighting		Total	
1 Revenue for 3 Years (CY2019, CY2022-CY2023)	\$	5,908,134,883	\$	2,941,448,788	\$	152,156,661	\$	9,001,740,331
2 Net Writeoffs for 3 Years (CY2019, CY2022-CY2023)	\$	135,375,165	\$	13,730,272	\$	159,618	\$	149,265,056
3 Uncollectible factor		2.29%		0.47%		0.10%		
4 FY2027 Forecast Pure Commodity Revenue	\$	994,275,457	\$	437,785,839	\$	3,078,403	\$	1,435,139,700
5 Forecast Uncollectible MFC collected	\$	22,782,182	\$	2,043,523	\$	3,229	\$	24,828,935
6 FY2027 Forecast Full Service Customer kWh Sales		11,851,649,022		5,749,800,269		45,063,559		17,646,512,851
7	\$/kWh	\$ 0.00192	\$	0.00036	\$	0.00007		

1 Includes LPC and POR Revenue for 36 months (CY 2019, CY2022-CY2023)

2 Net Writeoffs for 36 months (CY2019, CY2022-CY2023)

3 Line 2 / Line 1

4 FY2027 Forecast Pure Commodity Revenue (excludes SC12 contracts)

5 Line 3 \* Line 4

6 FY2027 Forecast Full Customer kWh sales (excludes SC12 contracts)

7 Line 12 / Line 13



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

Development of the Uncollectible Factor

**Uncollectibles**

Merchant Function Charge

	Non-Demand		Demand		Streetlighting		Total	
1 Revenue for 3 Years (CY2019, CY2022-CY2023)	\$	5,908,134,883	\$	2,941,448,788	\$	152,156,661	\$	9,001,740,331
2 Net Writeoffs for 3 Years (CY2019, CY2022-CY2023)	\$	135,375,165	\$	13,730,272	\$	159,618	\$	149,265,056
3 Uncollectible factor		2.29%		0.47%		0.10%		
4 FY2028 Forecast Pure Commodity Revenue	\$	1,002,916,520	\$	426,806,858	\$	2,800,704	\$	1,432,524,082
5 Forecast Uncollectible MFC collected	\$	22,980,178	\$	1,992,275	\$	2,938	\$	24,975,391
6 FY2028 Forecast Full Service Customer kWh Sales		11,992,697,701		5,682,756,191		41,886,827		17,717,340,720
7	\$/kWh	\$ 0.00192	\$	0.00035	\$	0.00007		

1 Includes LPC and POR Revenue for 36 months (CY 2019, CY2022-CY2023)

2 Net Writeoffs for 36 months (CY2019, CY2022-CY2023)

3 Line 2 / Line 1

4 FY2028 Forecast Pure Commodity Revenue (excludes SC12 contracts)

5 Line 3 \* Line 4

6 FY2028 Forecast Full Customer kWh sales (excludes SC12 contracts)

7 Line 12 / Line 13

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of Supply Procurement Factor

**Supply Procurement**

Merchant Function Charge

Line #

		Competitive Supply
		Procurement
1		
2	Total Rev Requirement	\$ 1,831,204
2	FY 2026 forecast of Full service kWh sales	17,615,427,766
3		
4	<b>\$/kWh</b>	<b>\$ 0.00010</b>

2 Appendix 2, Schedule 3I, Line 2

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## Development of Supply Procurement Factor

**Supply Procurement**

## Merchant Function Charge

Line #

		Competitive Supply
		Procurement
1		
2	Total Rev Requirement	\$ 1,831,204
2	FY 2027 forecast of Full service kWh sales	17,646,512,851
3		
4	<b>\$/kWh</b>	<b>\$ 0.00010</b>

2 Appendix 2, Schedule 3I, Line 2

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## Development of Supply Procurement Factor

**Supply Procurement**

## Merchant Function Charge

Line #

		Competitive Supply Procurement
1		
2	Total Rev Requirement	\$ 1,831,204
2	FY 2028 forecast of Full service kWh sales	17,717,340,720
3		
4	<b>\$/kWh</b>	<b>\$ 0.00010</b>

2 Appendix 2, Schedule 3I, Line 2

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of Working Capital Factor

**Working Capital**

Merchant Function Charge

1 Pre Tax Weighted Cost of Capital		8.54%
2 Lead Lag Percentage - CWC		3.31%
3 Electric Purchased Power related Working Capital		<b>0.283%</b>
4 FY 2026 Forecast of Commodity Revenue	\$	1,385,706,330
5 Total amount to be collected	\$	3,916,481
6 FY 2026 forecast of Full service kWh sales		17,615,427,766
7	<b>\$/kWh \$</b>	<b><u>0.00022</u></b>

1 per Appendix 1, Schedule 1

2 per Exhibit\_\_\_(RRP-7), Schedule 5

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of Working Capital Factor

**Working Capital**

Merchant Function Charge

1 Pre Tax Weighted Cost of Capital		8.61%
2 Lead Lag Percentage - CWC		3.31%
3 Electric Purchased Power related Working Capital		<b>0.285%</b>
4 FY 2027 Forecast of Commodity Revenue	\$	1,435,139,700
5 Total amount to be collected	\$	4,089,456
6 FY 2027 forecast of Full service kWh sales		17,646,512,851
7	\$/kWh \$	<u><u><b>0.00023</b></u></u>

1 per Appendix 1, Schedule 1

2 per Exhibit\_\_\_(RRP-7), Schedule 5

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of Working Capital Factor

**Working Capital**

Merchant Function Charge

1 Pre Tax Weighted Cost of Capital		8.70%
2 Lead Lag Percentage - CWC		3.31%
3 Electric Purchased Power related Working Capital		<b>0.288%</b>
4 FY 2028 Forecast of Commodity Revenue	\$	1,432,524,082
5 Total amount to be collected	\$	4,124,673
6 FY 2028 forecast of Full service kWh sales		17,717,340,720
7	<b>\$/kWh \$</b>	<b><u>0.00023</u></b>

1 per Appendix 1, Schedule 1

2 per Exhibit\_\_\_(RRP-7), Schedule 5

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Development of Target Rate Year 1 Revenue Per Lighting Service Class

## Forecast Rate Year 1 Revenue at Present Rates

Service Class	RY1 Usage	Present T&D Rate	T&D Revenue	Facility Revenue	Total Revenue	Pct. of Revenue from T&D	Pct. of Total Revenue
SC-1	15,329,172	0.09886	\$1,515,442	\$1,493,673	\$3,009,115	50.4%	8.8%
SC-1 LED	1,484,280	0.09886	\$146,736	\$360,735	\$507,471	28.9%	1.5%
	16,813,452		\$1,662,178	\$1,854,408	\$3,516,586	47.3%	10.2%
SC-2	40,739,587	0.09886	\$4,027,516	\$14,166,972	\$18,194,487	22.1%	53.0%
SC-2 LED	12,759,787	0.09886	\$1,261,433	\$6,390,916	\$7,652,349	16.5%	22.3%
<sup>1</sup> SC-2 PE	21,077	0.09886	\$2,084	\$309,975	\$312,058	0.7%	0.9%
<sup>2</sup> Contract	11,508	0.09886	\$1,138	\$3,578	\$4,716	24.1%	0.0%
	53,531,959		\$5,292,170	\$20,871,441	\$26,163,610	20.2%	76.2%
SC-3	50,503,943	0.06787	\$3,427,703	\$354,733	\$3,782,436	90.6%	11.0%
<sup>3</sup> SC-4	6,322,068	0.01234	\$78,014	\$787,301	\$865,316	9.0%	2.5%
Total	127,171,422		\$10,460,064	\$23,867,883	\$34,327,947	30.5%	100.0%

<sup>4</sup> Revenue Requirement Allocated to Lighting: \$37,914,951

Dollar Increase for Lighting Rate Year 1: \$3,587,004

Percentage Increase for Lighting Rate Year 1: 10.45%

## Facility Revenue Target Adjustment

Total Target Facility Revenue: \$26,361,892

<sup>5</sup> PE % Inc.: 16.65% \$361,597<sup>6</sup> LED % Inc.: 5.22% \$7,104,082

Non-PE &amp; Non-LED Target Facility Revenue: \$18,896,212

Non-PE &amp; Non-LED Present Facility Revenue: \$16,806,257

Dollar Increase for non-PE &amp; non-LED Facilities: \$2,089,955

Percentage Increase for non-PE &amp; non-LED Facilities: 12.44%

*a = Proposed Revenue Requirement less Target T&D Revenue (next page)**b = Present SC2 PE Facility Dollars x PE % Inc.**c = Present SC1 LED + SC2 LED Facility Dollars x LED % Inc.**d = a - b - c**e = Present Total Facility - SC2 PE Facility - SC1 LED Facility - SC2 LED Facility**f = d - e**g = f / e*

## Rate Year 1 Full Year Target Revenue

Service Class	RY1 Usage	Target T&D Rate <sup>7</sup>	T&D Revenue	Facility Revenue	Total Revenue	Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Rate Increase %	Facility Price Increase %
SC-1	15,329,172	0.10919	\$1,673,794	\$1,679,420	\$3,353,214	49.9%	8.8%	10.45%	12.44%
SC-1 LED	1,484,280	0.10919	\$162,069	\$379,565	\$541,634	29.9%	1.4%	10.45%	5.22%
	16,813,452		\$1,835,863	\$2,058,985	\$3,894,847	47.1%	10.3%		
SC-2	40,739,587	0.10919	\$4,448,360	\$15,928,717	\$20,377,076	21.8%	53.7%	10.45%	12.44%
SC-2 LED	12,759,787	0.10919	\$1,393,242	\$6,724,517	\$8,117,760	17.2%	21.4%	10.45%	5.22%
SC-2 PE	21,077	0.10919	\$2,301	\$361,597	\$363,898	0.6%	1.0%	10.45%	16.65%
Contract	11,508	0.10919	\$1,257	\$4,023	\$5,280	23.8%	0.0%	10.45%	12.44%
	53,531,959		\$5,845,160	\$23,018,854	\$28,864,014	20.3%	76.1%		
SC-3	50,503,943	0.07496	\$3,785,871	\$398,846	\$4,184,717	90.5%	11.0%	10.45%	12.44%
SC-4	6,322,068	0.01363	\$86,166	\$885,207	\$971,373	8.9%	2.6%	10.45%	12.44%
Total	127,171,422		\$11,553,060	\$26,361,892	\$37,914,951	30.5%	100.0%		
		Dollar Increase:	\$1,092,995	\$2,494,008	\$3,587,004				
		Percent Increase:	10.45%	10.45%	10.45%				

## Notes:

(1) Facility Price Exceptions ("PE") on SC-2 customer accounts.

(2) Special Contracts within SC-2 customer accounts.

(3) The SC-4 basic service charges are included in "facility revenue" above and elsewhere, for convenience of presentation.

(4) Rate Year 1 Target Delivery Revenue for Lighting before Incremental Low Income Discount. Source: Appendix 2, Schedule 3B, page 2, Line 11.

(5) PE facility increase based on remainder of 10-year phase out; rate shown in Appendix 2, Schedule 8.1.1, page 12 is average increase across all PE facilities.

(6) LED facility increases reduced based on movement to replacement cost per Appendix 2, Schedule 8.1.1, page 19.

(7) Target T&amp;D rates are not rounded.



## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Development of Target Rate Year 1 Revenue Per Lighting Service Class

## Rate Year 1 Target Revenue at Compressed Rates

Revenue Neutral SC1/SC2 Combined  
(Compressed) Rate

Service Class	Apr-Aug (5 Months)			Less April T&D Inc. Rev. <sup>1</sup>	Sept-Mar (7 Months)			Full Year				Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Rev. Inc. %	Facility Rev. Inc. %	Total Rev. Inc. %	Target T&D Revenue Less Apr. T&D Rev. Inc.		
	Proposed Usage	Present T&D Rate	T&D Revenue		Proposed Usage	Compressed RY1 T&D Rate <sup>2</sup>	T&D Revenue	Total T&D Revenue	Facility Revenue	Less April Facility Inc. Rev. <sup>1</sup>	Total Revenue						Target T&D Revenue Less Apr. T&D Rev. Inc.	Target T&D Rev. less Apr- Aug Rev.	SC1/SC2 Combined Rate
SC-1	6,387,155	0.09886	\$631,434	-\$13,196	8,942,017	0.11358	\$1,015,667	\$1,647,101	\$1,679,420	-\$15,487	\$3,311,033	49.7%	8.8%	8.69%	11.40%	10.03%	\$ 1,660,598	\$ 1,029,164	
SC-1 LED	618,450	0.09886	\$61,140	-\$1,278	865,830	0.11358	\$98,344	\$159,484	\$379,565	-\$1,571	\$537,478	29.7%	1.4%	8.69%	4.78%	5.91%	\$ 160,791	\$ 99,651	
	7,005,605		\$692,574	-\$14,474	9,807,847		\$1,114,011	\$1,806,585	\$2,058,985	-\$17,058	\$3,848,511	46.9%	10.2%				\$ 1,821,389	\$ 1,128,815	
SC-2	13,455,921	0.09886	\$1,330,252	-\$30,894	27,283,666	0.11358	\$3,098,977	\$4,429,229	\$15,928,717	-\$146,749	\$20,211,197	21.9%	53.7%	9.97%	11.40%	11.08%	\$ 4,417,465	\$ 3,087,213	
SC-2 LED	4,256,322	0.09886	\$420,780	-\$9,641	8,503,465	0.11358	\$965,854	\$1,386,634	\$6,724,517	-\$27,937	\$8,083,214	17.2%	21.5%	9.93%	4.78%	5.63%	\$ 1,383,602	\$ 962,822	
SC-2PE	7,030	0.09886	\$695	-\$16	14,047	0.11358	\$1,595	\$2,290	\$361,597	-\$4,302	\$359,585	0.6%	1.0%	9.93%	15.27%	15.23%	\$ 2,285	\$ 1,590	
Contract	3,841	0.09886	\$380	-\$9	7,667	0.11358	\$871	\$1,251	\$4,023	-\$34	\$5,240	23.9%	0.0%	9.92%	11.49%	11.11%	\$ 1,248	\$ 868	
	17,723,114		\$1,752,107	-\$40,560	35,808,845		\$4,067,298	\$5,819,405	\$23,018,854	-\$179,022	\$28,659,236	20.3%	76.2%				\$ 5,804,600	\$ 4,052,493	0.11358
SC-3	16,846,761	0.06787	\$1,143,390	-\$26,190	33,657,181	0.07773	\$2,616,291	\$3,759,681	\$398,846	-\$3,796	\$4,154,732	90.5%	11.0%	9.69%	11.37%	9.84%			
SC-4	2,650,072	0.01234	\$32,702	-\$670	3,671,996	0.01438	\$52,794	\$85,496	\$885,207	-\$8,162	\$962,540	8.9%	2.6%	9.59%	11.40%	11.24%			
Total	44,225,553		\$3,620,773	-\$81,894	82,945,869		\$7,850,393	\$11,471,166	\$26,361,892	-\$208,038	\$37,625,019	30.5%	100.0%						
Total kWh:					127,171,422			Dollar Increase:	\$1,011,102	\$24,271,937	\$3,297,072								
								Percent Increase:	9.67%	9.58%	9.60%								

Total April Revenue Increase NOT included in Rate Design:<sup>1</sup>

-\$289,932

## Rate Year 1 Revenue at Compressed Rates

Service Class	Apr-Aug (5 Months)				Sept-Mar (7 Months)				Full Year			Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Rev. Inc. %	Facility Rev. Inc. %	Total Rev. Inc. %			
	Proposed Usage	Present T&D Rate	T&D Revenue	Facility Revenue	Proposed Usage	Compressed RY1 T&D Rate <sup>3</sup>	T&D Revenue	Facility Revenue	Total T&D Revenue	Total Facility Revenue	Total Revenue <sup>4</sup>								
SC-1	6,387,155	0.09886	\$631,434	\$622,364	8,942,017	0.11358	\$1,015,634	\$1,041,669	\$1,647,068	\$1,664,033	\$3,311,102	49.7%	8.8%	8.69%	11.41%	10.04%			
SC-1 LED	618,450	0.09886	\$61,140	\$150,306	865,830	0.11358	\$98,341	\$227,708	\$159,481	\$378,014	\$537,495	29.7%	1.4%	8.69%	4.79%	5.92%			
	7,005,605		\$692,574	\$772,670	9,807,847		\$1,113,975	\$1,269,377	\$1,806,549	\$2,042,047	\$3,848,597	46.9%	10.2%						
SC-2	13,455,921	0.09886	\$1,330,252	\$5,902,905	27,283,666	0.11358	\$3,098,879	\$9,878,306	\$4,429,131	\$15,781,211	\$20,210,342	21.9%	53.7%	9.97%	11.39%	11.08%			
SC-2 LED	4,256,322	0.09886	\$420,780	\$2,662,882	8,503,465	0.11358	\$965,824	\$4,035,347	\$1,386,604	\$6,698,228	\$8,084,832	17.2%	21.5%	9.92%	4.81%	5.65%			
SC-2PE	7,030	0.09886	\$695	\$129,156	14,047	0.11358	\$1,595	\$228,139	\$2,290	\$357,295	\$359,585	0.6%	1.0%	9.92%	15.27%	15.23%			
Contract	3,841	0.09886	\$380	\$1,491	7,667	0.11358	\$871	\$2,461	\$1,251	\$3,952	\$5,203	24.0%	0.0%	9.92%	10.46%	10.33%			
	17,723,114		\$1,752,107	\$8,696,434	35,808,845		\$4,067,169	\$14,144,253	\$5,819,276	\$22,840,687	\$28,659,962	20.3%	76.2%						
SC-3	16,846,761	0.06787	\$1,143,390	\$147,806	33,657,181	0.07773	\$2,616,173	\$248,681	\$3,759,562	\$396,487	\$4,156,049	90.5%	11.0%	9.68%	11.77%	9.88%			
SC-4	2,650,072	0.01234	\$32,702	\$328,042	3,671,996	0.01438	\$52,803	\$549,044	\$85,505	\$877,086	\$962,591	8.9%	2.6%	9.60%	11.40%	11.24%			
Total	44,225,553		\$3,620,773	\$9,944,951	82,945,869		\$7,850,120	\$16,211,355	\$11,470,893	\$26,156,306	\$37,627,199	30.5%	100.0%						
Total kWh:					127,171,422			Dollar Increase:	\$1,010,828	\$2,288,423	\$3,299,252								
								Percent Increase:	9.66%	9.59%	9.61%								

Final Rate Year 1 Proposed Compressed Volumetric Rates  
with Low Income (LI) Adder

Service Class	Proposed Compressed T&D Rate	Incremental LI Discount Rate Adder <sup>5</sup>	Total Compressed T&D Rate	Service Class	LI Discount T&D Revenue	Total Revenue Including LI Adder
SC-1	0.11358	0.00468	<b>0.11826</b>	SC-1	\$45,901	<b>\$3,894,497</b>
SC-2/Contract	0.11358	0.00468	<b>0.11826</b>	SC-2/Contract	\$167,585	<b>\$28,827,548</b>
SC-3	0.07773	0.00321	<b>0.08094</b>	SC-3	\$108,040	<b>\$4,264,089</b>
SC-4	0.01438	0.00058	<b>0.01496</b>	SC-4	\$2,130	<b>\$964,721</b>
Total:				Total:	\$323,655	<b>\$37,950,854</b>

Notes:

(1) Incremental April Revenue not included in Rate Design as detailed in Appendix 2, Schedule 8.2.

(2) Target T&amp;D rates are not rounded.

(3) Proposed T&amp;D rates are rounded to five decimal places.

(4) Total Revenue differs from Target Revenue due to T&amp;D and Facility rate rounding.

(5) Incremental Low Income Discount added back to Street Lighting Class. Source: Appendix 2, Schedule 3B, page 4, lines 18-21.

Service Classification For 1 - Private Lighting (Company Owned and Maintained)																													
Compressed:			Mos.	#mos.	% Usage	Avg. Hrs.																Full Inc.							
Present T&D rate	0.09886		Apr-Aug	5	41.67%	278.20																12.44%							
Rate Year 1 Comp T&D rate	0.11358		Sept-Mar	7	58.33%	397.00																5.22%							
			Rate Year 1			Sept-Mar			Ratio LED% to HID %:															41.98%		Target Facility Price Increase:			
																										Target LED Price Increase:			
Description	Average Monthly kWh per Lamp	Billed Annual kWh per Lamp	Present Facility Price	Proposed Annual Facility Price	Less April Rev	7-month Facility Price	Annualized Tariff Price	Percent Change Facility Price	Present Fcst Units	Present Annual Usage	Present Annual T&D Revenue	Present Annual Facility Revenue	Present Annual Total Revenue	RY1 Fcst Units	Apr-Aug 5-month Usage	Apr-Aug 5-month T&D Revenue	Sept-Mar 7-month Usage	Sept-Mar 7-month T&D Revenue	Rate Year 1 Total T&D Revenue	Apr-Aug 5-month Facility Revenue	Sept-Mar 7-month Facility Revenue	Rate Year 1 Annual Total Revenue							
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)							
LAMP & LUMINAIRE																													
LED																													
LL Roadway LED-B	9	108	\$91.08	\$95.88	\$0.40	\$57.53	\$98.64	5.3%	575	62,100	\$6,139	\$52,371	\$58,510	575	25,875	\$2,558	36,225	\$4,114	\$6,672	\$21,821	\$33,080	\$61,573							
LL Roadway LED-C	17	204	\$96.36	\$101.40	\$0.42	\$60.83	\$104.28	5.2%	1,188	242,352	\$23,959	\$114,476	\$138,435	1,188	100,980	\$9,983	141,372	\$16,057	\$26,040	\$47,698	\$72,266	\$146,004							
LL Roadway LED-D	33	396	\$119.88	\$126.12	\$0.52	\$75.65	\$129.72	5.2%	543	215,028	\$21,258	\$65,095	\$86,353	543	89,595	\$8,857	125,433	\$14,247	\$23,104	\$27,123	\$41,078	\$91,305							
LL Roadway LED-F	73	876	\$129.60	\$136.32	\$0.56	\$81.76	\$140.16	5.2%	562	492,312	\$48,670	\$72,835	\$121,505	562	205,130	\$20,279	287,182	\$32,618	\$52,897	\$30,348	\$45,949	\$129,194							
LL Floodlight LED-E	53	636	\$88.08	\$92.64	\$0.38	\$55.56	\$95.28	5.2%	138	87,768	\$8,677	\$12,155	\$20,832	138	36,570	\$3,615	51,198	\$5,815	\$9,430	\$5,065	\$7,667	\$22,162							
LL Floodlight LED-F	70	840	\$95.64	\$100.68	\$0.42	\$60.41	\$103.56	5.3%	458	384,720	\$38,033	\$43,803	\$81,837	458	160,300	\$15,847	224,420	\$25,490	\$41,337	\$18,251	\$27,668	\$87,256							
LED Lamp & Luminaire Annual Total:										1,484,280	\$146,736	\$360,735	\$507,471																
POLES/STANDARDS																													
Overhead Service																													
Additional Wood Pole			\$95.04	\$106.80	\$0.98	\$66.22	\$113.52	12.4%	3,548	-	\$0	\$337,202	\$337,202	3,548	-	\$0	-	\$0	\$0	\$140,501	\$234,949	\$375,449							
CIRCUITRY																													
Overhead Service - one span			\$44.40	\$49.92	\$0.46	\$30.96	\$53.04	12.4%	4,153	-	\$0	\$184,393	\$184,393	4,153	-	\$0	-	\$0	\$0	\$76,831	\$128,577	\$205,407							
Standard Offering Annual Total:										1,484,280	\$146,736	\$882,330	\$1,029,066																

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Rate Year 1 Revenue at Present and Proposed Rates  
**Service Classification No. 1 - Private Lighting (Company Owned and Maintained)**

Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.																Full Inc		
Present T&D rate	0.09886	Apr-Aug	5	41.67%	278.20																Target Facility Price Increase:		12.44%
Rate Year 1 Comp T&D rate	0.11358	Sept-Mar	7	58.33%	397.00																Target LED Price Increase:		5.22%
		Rate Year 1			Sept-Mar																		
		Average Monthly kWh	Billed Annual kWh	Present Facility	Proposed Annual Facility	Less April Rev	Proposed 7-month Facility	Annualized Tariff	Percent Change	Present Fcst	Present Annual Usage	Present Annual T&D Revenue	Present Annual Facility Revenue	Present Annual Total Revenue	RY1 Fcst	Apr-Aug 5-month Usage	Apr-Aug 5-month T&D Revenue	Sept-Mar 7-month Usage	Sept-Mar 7-month T&D Revenue	Rate Year 1 Total T&D Revenue	Apr-Aug 5-month Facility Revenue	Sept-Mar 7-month Facility Revenue	Rate Year 1 Annual Total Revenue
Description	per Lamp	per Lamp	Price	Price	(e)	Price	Price	Price	Price	Units	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
(a)	(b)	(c)	(d)				(g)	(h)		(i)													
Closed Offerings																							
POLES/STANDARDS																							
Underground Service																							
Standards > 16 ft.																							
				\$261.24	\$293.76	\$2.71	\$182.20	\$312.36	12.4%	17	-	\$0	\$4,441	\$4,441	17	-	\$0	-	\$0	\$0	\$1,850	\$3,097	\$4,948
				\$573.00	\$644.28	\$5.94	\$399.59	\$684.96	12.4%	3	-	\$0	\$1,719	\$1,719	3	-	\$0	-	\$0	\$0	\$716	\$1,199	\$1,915
Standard <= 16 ft																							
				\$90.60	\$101.88	\$0.94	\$63.19	\$108.36	12.5%	108	-	\$0	\$9,785	\$9,785	108	-	\$0	-	\$0	\$0	\$4,077	\$6,825	\$10,902
				\$121.20	\$136.32	\$1.26	\$84.56	\$144.96	12.5%	69	-	\$0	\$8,363	\$8,363	69	-	\$0	-	\$0	\$0	\$3,485	\$5,835	\$9,319
FOUNDATIONS																							
Concrete - Cast-In-Place (CIP)																							
				\$304.56	\$342.48	\$3.16	\$212.42	\$364.20	12.5%	9	-	\$0	\$2,741	\$2,741	9	-	\$0	-	\$0	\$0	\$1,142	\$1,912	\$3,054
Concrete - Pre-Cast (PC)																							
				\$182.04	\$204.72	\$1.89	\$126.98	\$217.68	12.5%	5	-	\$0	\$910	\$910	5	-	\$0	-	\$0	\$0	\$379	\$635	\$1,014
CIRCUITRY																							
Underground Service																							
				\$2.64	\$3.00	\$0.03	\$1.87	\$3.24	13.6%	1,732	-	\$0	\$4,572	\$4,572	1,732	-	\$0	-	\$0	\$0	\$1,905	\$3,239	\$5,144
				\$0.36	\$0.36	\$0.00	\$0.21	\$0.36	0.0%	772	-	\$0	\$278	\$278	772	-	\$0	-	\$0	\$0	\$116	\$162	\$278
				\$1.68	\$1.92	\$0.02	\$1.20	\$2.04	14.3%	5,382	-	\$0	\$9,042	\$9,042	5,382	-	\$0	-	\$0	\$0	\$3,767	\$6,458	\$10,226
Closed Offerings Annual Total:											-	\$0	\$41,851	\$41,851		-	-	-	-	-	17,438	29,361	46,799

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Rate Year 1 Revenue at Present and Proposed Rates  
Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

		Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.															Full Inc		
Present T&D rate		0.09886		Apr-Aug	5	41.67%	278.20															12.44%		
Rate Year 1 Comp T&D rate		0.11358		Sept-Mar	7	58.33%	397.00															5.22%		
				Rate Year 1			Sept-Mar		Ratio LED% to HID %														41.98%	

### Rate Year 1 Revenue at Present and Proposed Rates

		Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours	Avg. (24) Hrs.	Total (24) Hours												Full Inc				
Present T&D rate		0.09886		Apr-Aug	5	41.67%	278.20	1,391	734.40	3,672												Target Facility Price Increase:		12.44%		
Rate Year 1 Comp T&D rate		0.11358		Sept-Mar	7	58.33%		397.00	2,779	726.86	5,088		Ratio LED% to HID %										41.98%	Target LED Price Increase:		5.22%
Description		Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Facility Price (d)	Less April Rev (e)	Proposed 7-month Facility Price (f)	Annualized Tariff Facility Price (g)	Percent Change Facility Price (h)	Present Fcst Units (i)	Present Annual Usage (j)	Present Annual Revenue (k)	Present Annual Facility Revenue (l)	Present Annual Total Revenue (m)	RY1 Fcst Units (n)	Apr-Aug 5-month Usage (o)	Apr-Aug 5-month T&D Revenue (p)	Sept-Mar 7-month Usage (q)	Sept-Mar 7-month T&D Revenue (r)	Rate Year 1 Total T&D Revenue (s)	Apr-Aug 5-month Facility Revenue (t)	Sept-Mar 7-month Facility Revenue (u)	Rate Year 1 Annual Total Revenue (v)			
LAMP & LUMINAIRE																										
LED																										
LL Arbordale LED-C	53	347.50	\$84.60	\$89.04	\$0.37	\$53.42	\$91.56	5.2%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	\$0			
LL Arbordale LED-D	91	347.50	\$70.08	\$73.68	\$0.30	\$44.18	\$75.72	5.1%	3	1,138	\$113	\$210	\$323	3	380	\$38	759	\$86	\$124	\$88	\$133	\$344				
LL Arbordale LED-E	132	347.50	\$90.72	\$95.40	\$0.39	\$57.21	\$98.04	5.2%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
LL Arbordale LED-F	177	347.50	\$117.60	\$123.72	\$0.51	\$74.21	\$127.20	5.2%	24	17,714	\$1,751	\$2,822	\$4,574	24	5,909	\$584	11,805	\$1,341	\$1,925	\$1,176	\$1,781	\$4,882				
LL Carriage LED-B	35	347.50	\$73.08	\$76.92	\$0.32	\$46.15	\$79.08	5.3%	908	132,523	\$13,101	\$66,357	\$79,458	908	44,206	\$4,370	88,317	\$10,031	\$14,401	\$27,649	\$41,904	\$83,954				
LL Carriage LED-C	66	347.50	\$68.16	\$71.76	\$0.30	\$43.06	\$73.80	5.3%	2,673	735,663	\$72,728	\$182,192	\$254,919	2,673	245,397	\$24,260	490,266	\$55,684	\$79,944	\$75,913	\$115,099	\$270,957				
LL Floodlight LED-E	151	347.50	\$88.08	\$92.64	\$0.38	\$55.56	\$95.28	5.2%	21	13,223	\$1,307	\$1,850	\$3,157	21	4,411	\$436	8,812	\$1,001	\$1,437	\$771	\$1,167	\$3,374				
LL Floodlight LED-F	200	347.50	\$95.64	\$100.68	\$0.42	\$60.41	\$103.56	5.3%	22	18,348	\$1,814	\$2,104	\$3,918	22	6,120	\$605	12,228	\$1,389	\$1,994	\$877	\$1,329	\$4,200				
LL Highland Pk LED-B	30	347.50	\$103.80	\$109.20	\$0.45	\$65.50	\$112.32	5.2%	163	20,391	\$2,016	\$16,919	\$18,935	163	6,802	\$672	13,589	\$1,543	\$2,216	\$7,050	\$10,677	\$19,942				
LL Highland Pk LED-C	65	347.50	\$111.72	\$117.60	\$0.49	\$70.56	\$120.96	5.3%	122	33,068	\$3,269	\$13,630	\$16,899	122	11,031	\$1,090	22,037	\$2,503	\$3,594	\$5,679	\$8,608	\$17,881				
LL Oxford LED-B	30	347.50	\$82.08	\$86.40	\$0.36	\$51.84	\$88.92	5.3%	111	13,886	\$1,373	\$9,111	\$10,484	111	4,632	\$458	9,254	\$1,051	\$1,509	\$3,796	\$5,754	\$11,059				
LL Oxford LED-C	57	347.50	\$101.04	\$106.32	\$0.44	\$63.78	\$109.32	5.2%	251	59,660	\$5,898	\$25,361	\$31,259	251	19,901	\$1,967	39,759	\$4,516	\$6,483	\$10,567	\$16,009	\$33,059				
LL Princeton LED-B	30	347.50	\$89.52	\$94.20	\$0.39	\$56.51	\$96.84	5.2%	2	250	\$25	\$179	\$204	2	83	\$8	167	\$19	\$27	\$75	\$113	\$215				
LL Princeton LED-C	65	347.50	\$91.32	\$96.12	\$0.40	\$57.67	\$98.88	5.3%	64	17,347	\$1,715	\$5,844	\$7,559	64	5,787	\$572	11,561	\$1,313	\$1,885	\$2,435	\$3,691	\$8,011				
LL Roadway LED-B	25	347.50	\$91.08	\$95.88	\$0.40	\$57.53	\$98.64	5.3%	32,646	3,403,346	\$336,455	\$2,973,398	\$3,309,852	32,646	1,135,265	\$112,232	2,268,081	\$257,609	\$369,841	\$1,238,916	\$1,878,124	\$3,486,881				
24 HR - LL Roadway LED-B	25	730.00	\$191.40	\$201.36	\$0.83	\$120.78	\$207.00	5.2%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
LL Roadway LED-C	48	347.50	\$96.36	\$101.40	\$0.42	\$60.83	\$104.28	5.2%	20,033	4,009,805	\$396,409	\$1,930,380	\$2,326,789	20,033	1,337,563	\$132,232	2,672,242	\$303,513	\$435,745	\$804,325	\$1,218,607	\$2,458,677				
24 HR - LL Roadway LED-C	48	730.00	\$202.32	\$212.88	\$0.88	\$127.70	\$218.88	5.2%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
LL Roadway LED-D	96	347.50	\$119.88	\$126.12	\$0.52	\$75.65	\$129.72	5.2%	8,288	3,317,852	\$328,003	\$993,565	\$1,321,568	8,288	1,106,746	\$109,413	2,211,106	\$251,137	\$360,550	\$413,986	\$626,987	\$1,401,523				
24 HR - LL Roadway LED-D	96	730.00	\$251.64	\$264.72	\$1.09	\$158.78	\$272.16	5.2%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
LL Roadway LED-F	210	347.50	\$129.60	\$136.32	\$0.56	\$81.76	\$140.16	5.2%	1,025	897,593	\$88,736	\$132,840	\$221,576	1,025	299,413	\$29,600	598,180	\$67,941	\$97,541	\$55,350	\$83,804	\$236,695				
24 HR - LL Roadway LED-F	210	730.00	\$272.16	\$286.32	\$1.18	\$171.74	\$294.36	5.2%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
LL Underpass LED-B	36	347.50	\$77.12	\$81.12	\$0.33	\$48.65	\$83.40	5.2%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
24 HR - LL Underpass LED-B	36	730.00	\$105.69	\$111.24	\$0.46	\$66.74	\$114.36	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
LL Underpass LED-C	52	347.50	\$77.12	\$81.12	\$0.33	\$48.65	\$83.40	5.2%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
24 HR - LL Underpass LED-C	52	730.00	\$105.69	\$111.24	\$0.46	\$66.74	\$114.36	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0				
LL Westminster LED-D	84	347.50	\$272.40	\$286.56	\$1.18	\$171.88	\$294.60	5.2%	9	3,153	\$312	\$2,452	\$2,763	9	1,052	\$104	2,101	\$239	\$343	\$1,022	\$1,547	\$2,911				
LL Westminster LED-E	141	347.50	\$357.72	\$376.64	\$1.56	\$225.83	\$387.12	5.2%	41	24,107	\$2,383	\$14,667	\$17,050	41	8,041	\$795	16,065	\$1,825	\$2,620	\$6,111	\$9,259	\$17,990				
LL Westminster LED-F	243	347.50	\$397.32	\$418.08	\$1.73	\$250.80	\$429.96	5.2%	39	39,519	\$3,907	\$15,495	\$19,402	39	13,183	\$1,303	26,337	\$2,991	\$4,295	\$6,456	\$9,781	\$20,532				
LL Westmin Ped LED-B	28	347.50	\$204.48	\$215.16	\$0.89	\$129.07	\$221.28	5.2%	1	117	\$12	\$204	\$216	1	39	\$4	78	\$9	\$13	\$85	\$129	\$227				
LL Westmin Ped LED-C	52	347.50	\$267.12	\$281.04	\$1.16	\$168.58	\$288.96	5.2%	5	1,084	\$107	\$1,336	\$1,443	5	362	\$36	723	\$82	\$118	\$557	\$843	\$1,517				
LED Lamp & Luminaire Annual Total:											12,759,787	\$1,261,433	\$6,390,916	\$7,652,349		4,256,322	\$420,780	8,503,465	\$965,824	\$1,386,604	\$2,662,882	\$4,035,347	\$8,084,832			

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY

Rate Year 1 Revenue at Present and Proposed Rates

Service Classification No. 2 - Private Lighting (Company Owned and Maintained)

		Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours	Avg. (24) Hrs.	Total (24) Hours												Full Inc			
Present T&D rate		0.09886		Apr-Aug	5	41.67%	278.20	1,391	734.40	3,672												Target Facility Price Increase:		12.44%	
Rate Year 1 Comp T&D rate		0.11358		Sept-Mar	7	58.33%	397.00	2,779	726.86	5,088		Ratio LED% to HID %:										Target LED Price Increase:		5.22%	
		Billed	Average	Present	Rate Year 1	Less	Proposed	Annualized	Percent	Present	Present	Present	Present	Present	RY1	Apr-Aug	Apr-Aug	Sept-Mar	Sept-Mar	Rate Year 1	Apr-Aug	Sept-Mar	Rate Year 1		
Description		Watts	Monthly	Facility	Proposed	April Rev	7-month	Tariff	Change	Fcst	Annual	Annual	Annual	Annual	Fcst	5-month	5-month	7-month	7-month	Total	5-month	7-month	Annual		
		per	Burn	Price	Facility		Facility	Facility	Facility	Units	Usage	Revenue	Revenue	Revenue	Units	Usage	Revenue	Usage	Revenue	Revenue	Revenue	Revenue	Total		
		Lamp	Hours	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)
ENERGY ONLY																									
24-HR Energy Only Charge		1	730.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	104,174	912,564	\$90,216	\$0	\$90,216	104,174	144,906	\$14,325	767,658	\$87,191	\$101,516	\$0	\$0	\$101,516
POLES/STANDARDS																									
Standard Pole > 16 ft - OH Service																									
Concrete , DE - Metropolitan					\$319.80	\$359.52	\$3.31	\$222.96	\$382.20	12.4%	8	-	\$0	\$2,558	\$2,558	8	-	\$0	-	\$0	\$0	\$1,066	\$1,784	\$2,850	
WoodPole OH <= 1SP					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	3,605	-	\$0	\$0	\$0	3,605	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
WoodPole					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	592	-	\$0	\$0	\$0	592	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
POLES/STANDARDS																									
Standard > 16 ft. for UG or URD Service																									
Aluminum, anchor base					\$302.64	\$340.32	\$3.14	\$211.08	\$361.80	12.5%	937	-	\$0	\$283,574	\$283,574	937	-	\$0	-	\$0	\$0	\$118,156	\$197,782	\$315,938	
Aluminum, anchor base, heavy duty					\$302.64	\$340.32	\$3.14	\$211.08	\$361.80	12.5%	3	-	\$0	\$908	\$908	3	-	\$0	-	\$0	\$0	\$378	\$633	\$1,012	
Aluminum, anchor base, square					\$604.80	\$680.04	\$6.27	\$421.77	\$723.00	12.4%	132	-	\$0	\$79,834	\$79,834	132	-	\$0	-	\$0	\$0	\$33,264	\$55,674	\$88,938	
Fiberglass, anchor base					\$204.24	\$229.68	\$2.12	\$142.46	\$244.20	12.5%	134	-	\$0	\$27,368	\$27,368	134	-	\$0	-	\$0	\$0	\$11,403	\$19,090	\$30,493	
Standard <= 16 ft. for UG or URD Service																									
Aluminum, anchor base, Villager					\$132.36	\$148.80	\$1.37	\$92.28	\$158.16	12.4%	547	-	\$0	\$72,401	\$72,401	547	-	\$0	-	\$0	\$0	\$30,167	\$50,477	\$80,644	
Fiberglass, anchor base					\$79.32	\$89.16	\$0.82	\$55.29	\$94.80	12.4%	452	-	\$0	\$35,853	\$35,853	452	-	\$0	-	\$0	\$0	\$14,939	\$24,991	\$39,930	
Fiberglass, direct embedded					\$109.32	\$122.88	\$1.13	\$76.20	\$130.68	12.4%	3,941	-	\$0	\$430,830	\$430,830	3,941	-	\$0	-	\$0	\$0	\$179,513	\$300,304	\$479,817	
Decorative Standard > 16 ft. for UG Service																									
Alum. AB Niagara Rdwy (no base)					\$766.68	\$862.08	\$7.95	\$534.68	\$916.56	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
Decorative Standard <= 16 ft. for UG or URD Service																									
Aluminum, AB, Armory Square					\$396.72	\$446.04	\$4.11	\$276.63	\$474.24	12.4%	140	-	\$0	\$55,541	\$55,541	140	-	\$0	-	\$0	\$0	\$23,142	\$38,728	\$61,870	
Fiberglass, AB, Presidential					\$185.16	\$208.20	\$1.92	\$129.13	\$221.40	12.4%	552	-	\$0	\$102,208	\$102,208	552	-	\$0	-	\$0	\$0	\$42,587	\$71,280	\$113,867	
Accessory																									
Tenon mounting adaptor					\$51.36	\$57.72	\$0.53	\$35.79	\$61.32	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
ARMS AND BRACKETS																									
Arm for Standard > 16ft																									
corative, Niagara Pedestrian, single					\$223.56	\$251.40	\$2.32	\$155.93	\$267.36	12.5%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
Arm for Standard <= 16ft																									
Dcr. crossarm, double, ornamental					\$121.20	\$136.32	\$1.26	\$84.56	\$144.96	12.5%	33	-	\$0	\$4,000	\$4,000	33	-	\$0	-	\$0	\$0	\$1,667	\$2,790	\$4,457	
Dcr. crossarm, double, ornamental					\$121.20	\$136.32	\$1.26	\$84.56	\$144.96	12.5%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
Dcr. crossarm, double, contemporary					\$121.20	\$136.32	\$1.26	\$84.56	\$144.96	12.5%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
Bracket for Wood Pole																									
decorative, Park Ave South, single					\$124.68	\$140.16	\$1.29	\$86.92	\$149.04	12.4%	44	-	\$0	\$5,486	\$5,486	44	-	\$0	-	\$0	\$0	\$2,286	\$3,824	\$6,110	
decor., Metropolitan, all types/sizes					\$83.16	\$93.48	\$0.86	\$57.97	\$99.36	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
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Description	Billed Watts per Lamp	Average Monthly Burn Hours	Present Facility Price	Rate Year 1 Proposed Facility Price	Less April Rev	Sept-Mar Proposed 7-month Facility Price	Annualized Tariff Facility Price	Percent Change Facility	Present Fcst Units	Present Annual Usage	Present Annual T&D Revenue	Present Annual Facility Revenue	Present Annual Total Revenue	RY1 Fcst Units	Apr-Aug 5-month Usage	Apr-Aug 5-month T&D Revenue	Sept-Mar 7-month Usage	Sept-Mar 7-month T&D Revenue	Rate Year 1 Total T&D Revenue	Apr-Aug 5-month Facility Revenue	Sept-Mar 7-month Facility Revenue	Rate Year 1 Annual Total Revenue	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	
BASES																							
Decorative Niagara Base			\$341.04	\$383.40	\$3.53	\$237.77	\$407.64	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
Decorative Metropolitan Base			\$179.04	\$201.36	\$1.86	\$124.90	\$214.08	12.5%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
FOUNDATIONS																							
Concrete - Cast-In-Place - for:																							
AB SD > 16 ft			\$255.00	\$286.68	\$2.64	\$177.79	\$304.80	12.4%	7,436	-	\$0	\$1,896,180	\$1,896,180	7,436	-	\$0	-	\$0	\$0	\$790,075	\$1,322,046	\$2,112,121	
AB SD > 16 ft, heavy duty			\$255.00	\$286.68	\$2.64	\$177.79	\$304.80	12.4%	5	-	\$0	\$1,275	\$1,275	5	-	\$0	-	\$0	\$0	\$531	\$889	\$1,420	
AB SD <= 16 ft			\$255.00	\$286.68	\$2.64	\$177.79	\$304.80	12.4%	1,770	-	\$0	\$451,350	\$451,350	1,770	-	\$0	-	\$0	\$0	\$188,063	\$314,688	\$502,751	
AB SD > 16 ft, extra heavy duty			\$255.00	\$286.68	\$2.64	\$177.79	\$304.80	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
FD Conc Foundation			\$255.00	\$286.68	\$2.64	\$177.79	\$304.80	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
Concrete - Pre-Cast																							
for anchor base standard > 16 ft			\$255.00	\$286.68	\$2.64	\$177.79	\$304.80	12.4%	151	-	\$0	\$38,505	\$38,505	151	-	\$0	-	\$0	\$0	\$16,044	\$26,846	\$42,890	
for anchor base standard <= 16 ft			\$255.00	\$286.68	\$2.64	\$177.79	\$304.80	12.4%	290	-	\$0	\$73,950	\$73,950	290	-	\$0	-	\$0	\$0	\$30,813	\$51,559	\$82,372	
CIRCUITRY																							
UG Service																							
cable and conduit			\$139.80	\$157.20	\$1.45	\$97.50	\$167.16	12.4%	13,260	-	\$0	\$1,853,748	\$1,853,748	13,260	-	\$0	-	\$0	\$0	\$772,395	\$1,292,850	\$2,065,245	
cable only			\$139.80	\$157.20	\$1.45	\$97.50	\$167.16	12.4%	9,031	-	\$0	\$1,262,534	\$1,262,534	9,031	-	\$0	-	\$0	\$0	\$526,056	\$880,523	\$1,406,578	
direct buried cable			\$139.80	\$157.20	\$1.45	\$97.50	\$167.16	12.4%	1,764	-	\$0	\$246,607	\$246,607	1,764	-	\$0	-	\$0	\$0	\$102,753	\$171,990	\$274,743	
CR UG Circuit sect			\$139.80	\$157.20	\$1.45	\$97.50	\$167.16	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
URD Service																							
direct buried cable			\$104.16	\$117.12	\$1.08	\$72.64	\$124.56	12.4%	6,757	-	\$0	\$703,809	\$703,809	6,757	-	\$0	-	\$0	\$0	\$293,254	\$490,828	\$784,082	
CR URD Circuit sect			\$104.16	\$117.12	\$1.08	\$72.64	\$124.56	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
CONVENIENCE OUTLETS																							
On New Metal/Composite Stnd			\$63.24	\$71.16	\$0.66	\$44.15	\$75.72	12.5%	264	-	\$0	\$16,695	\$16,695	264	-	\$0	-	\$0	\$0	\$6,956	\$11,656	\$18,612	
On Existing Metal/Composite Stnd			\$63.24	\$71.16	\$0.66	\$44.15	\$75.72	12.5%	175	-	\$0	\$11,067	\$11,067	175	-	\$0	-	\$0	\$0	\$4,611	\$7,726	\$12,338	
Power Tap			\$62.64	\$70.44	\$0.65	\$43.69	\$74.88	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	
Standard Offering Annual Total:										13,672,351	\$1,351,649	\$14,047,197	\$15,398,845 0										
														4,401,228	\$435,105	9,271,123	\$1,053,014	1,488,120	\$5,852,999	\$9,374,306	\$16,715,424		

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Rate Year 1 Revenue at Present and Proposed Rates

Service Classification No. 2 - Private Lighting (Company Owned and Maintained)

		Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours	Avg. (24) Hrs.	Total (24) Hours														Full Inc		
Present T&D rate		0.09886		Apr-Aug	5	41.67%	278.20	1,391	734.40	3,672														Target Facility Price Increase:		12.44%
Rate Year 1 Comp T&D rate		0.11358		Sept-Mar	7	58.33%	397.00	2,779	726.86	5,088														Target LED Price Increase:		5.22%



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Rate Year 1 Revenue at Present and Proposed Rates

Service Classification No. 2 - Private Lighting (Company Owned and Maintained)

Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours	Avg. (24) Hrs.	Total (24) Hours													Full Inc				
Present T&D rate	0.09886	Apr-Aug	5	41.67%		278.20	1,391	734.40													Target Facility Price Increase:	12.44%			
Rate Year 1 Comp T&D rate	0.11358	Sept-Mar	7	58.33%		397.00	2,779	726.86													Target LED Price Increase:	5.22%			
		Billed	Average	Present	Rate Year 1	Less	Proposed	Annualized	Percent																
		Watts	Monthly	Facility	Proposed	April Rev	7-month	Tariff	Change																
		per	Burn	Price	Facility		Facility	Facility	Facility																
		Lamp	Hours	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	Present	Present	Present	Present	Present	RY1	Apr-Aug	Apr-Aug	Sept-Mar	Sept-Mar	Rate Year 1	Apr-Aug	Sept-Mar	Rate Year 1
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	
Description																									
Closed Offerings (continued)																									
	Floodlight 250			\$71.52	\$80.40	\$0.74	\$49.86	\$85.44	12.4%	171	-	\$0	\$12,230	\$12,230	171	-	\$0	-	\$0	\$0	\$0	\$5,096	\$8,526	\$13,622	
	Floodlight 400			\$71.52	\$80.40	\$0.74	\$49.86	\$85.44	12.4%	184	-	\$0	\$13,160	\$13,160	184	-	\$0	-	\$0	\$0	\$5,483	\$9,174	\$14,657		
Little Falls - Post Top, 70	Roadway 70			\$149.40	\$168.00	\$1.55	\$104.20	\$178.68	12.4%	79	-	\$0	\$11,803	\$11,803	79	-	\$0	-	\$0	\$0	\$4,918	\$8,232	\$13,150		
	Roadway 100			\$66.00	\$74.16	\$0.68	\$45.98	\$78.84	12.4%	7,827	-	\$0	\$516,582	\$516,582	7,827	-	\$0	-	\$0	\$0	\$215,243	\$359,885	\$575,128		
	Roadway 150			\$66.00	\$74.16	\$0.68	\$45.98	\$78.84	12.4%	9,230	-	\$0	\$609,180	\$609,180	9,230	-	\$0	-	\$0	\$0	\$253,825	\$424,395	\$678,220		
	Roadway 175			\$66.00	\$74.16	\$0.68	\$45.98	\$78.84	12.4%	16,024	-	\$0	\$1,057,584	\$1,057,584	16,024	-	\$0	-	\$0	\$0	\$440,660	\$736,784	\$1,177,444		
	Roadway 250			\$66.00	\$74.16	\$0.68	\$45.98	\$78.84	12.4%	312	-	\$0	\$20,592	\$20,592	312	-	\$0	-	\$0	\$0	\$8,580	\$14,346	\$22,926		
	Roadway 400			\$66.00	\$74.16	\$0.68	\$45.98	\$78.84	12.4%	6,671	-	\$0	\$440,286	\$440,286	6,671	-	\$0	-	\$0	\$0	\$183,453	\$306,733	\$490,185		
	Roadway, 1000			\$149.16	\$167.76	\$1.55	\$104.06	\$178.44	12.4%	1,603	-	\$0	\$105,798	\$105,798	1,603	-	\$0	-	\$0	\$0	\$44,083	\$73,706	\$117,788		
	Shoebox 100			\$78.60	\$88.32	\$0.81	\$54.76	\$93.84	12.4%	7	-	\$0	\$1,044	\$1,044	7	-	\$0	-	\$0	\$0	\$435	\$728	\$1,163		
	Shoebox 150			\$78.60	\$88.32	\$0.81	\$54.76	\$93.84	12.4%	4	-	\$0	\$314	\$314	4	-	\$0	-	\$0	\$0	\$131	\$219	\$350		
	Shoebox 250			\$78.60	\$88.32	\$0.81	\$54.76	\$93.84	12.4%	83	-	\$0	\$6,524	\$6,524	83	-	\$0	-	\$0	\$0	\$2,718	\$4,545	\$7,263		
Shoebox 400			\$78.60	\$88.32	\$0.81	\$54.76	\$93.84	12.4%	121	-	\$0	\$9,511	\$9,511	121	-	\$0	-	\$0	\$0	\$3,963	\$6,626	\$10,589			
LUMINAIRES (continued)																									
	Traditional 70			\$58.32	\$65.52	\$0.60	\$40.62	\$69.60	12.3%	452	-	\$0	\$26,361	\$26,361	452	-	\$0	-	\$0	\$0	\$10,984	\$18,360	\$29,344		
	Traditional 100			\$58.32	\$65.52	\$0.60	\$40.62	\$69.60	12.3%	1,454	-	\$0	\$84,797	\$84,797	1,454	-	\$0	-	\$0	\$0	\$35,332	\$59,061	\$94,394		
	Traditional 150			\$58.32	\$65.52	\$0.60	\$40.62	\$69.60	12.3%	53	-	\$0	\$3,091	\$3,091	53	-	\$0	-	\$0	\$0	\$1,288	\$2,153	\$3,441		
	Traditional 175			\$58.32	\$65.52	\$0.60	\$40.62	\$69.60	12.3%	48	-	\$0	\$2,799	\$2,799	48	-	\$0	-	\$0	\$0	\$1,166	\$1,950	\$3,116		
	Underpass 100			\$97.08	\$109.20	\$1.01	\$67.74	\$116.16	12.5%	170	-	\$0	\$16,504	\$16,504	170	-	\$0	-	\$0	\$0	\$6,877	\$11,516	\$18,392		
	Underpass 150			\$97.08	\$109.20	\$1.01	\$67.74	\$116.16	12.5%	120	-	\$0	\$11,650	\$11,650	120	-	\$0	-	\$0	\$0	\$4,854	\$8,129	\$12,983		
	Underpass 250			\$97.08	\$109.20	\$1.01	\$67.74	\$116.16	12.5%	64	-	\$0	\$6,213	\$6,213	64	-	\$0	-	\$0	\$0	\$2,589	\$4,335	\$6,924		
Washington (Armory Square) 100	Williamsville 70			\$158.28	\$177.96	\$1.64	\$110.37	\$189.24	12.4%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	\$0	
	Williamsville 100			\$136.56	\$153.60	\$1.42	\$95.28	\$163.32	12.5%	114	-	\$0	\$15,568	\$15,568	114	-	\$0	-	\$0	\$0	\$6,487	\$10,862	\$17,349		
	Williamsville 150			\$136.56	\$153.60	\$1.42	\$95.28	\$163.32	12.5%	44	-	\$0	\$6,009	\$6,009	44	-	\$0	-	\$0	\$0	\$2,504	\$4,192	\$6,696		
	Williamsville 175			\$136.56	\$153.60	\$1.42	\$95.28	\$163.32	12.5%	8	-	\$0	\$1,092	\$1,092	8	-	\$0	-	\$0	\$0	\$455	\$762	\$1,217		
	Williamsville 400			\$136.56	\$153.60	\$1.42	\$95.28	\$163.32	12.5%	114	-	\$0	\$15,568	\$15,568	114	-	\$0	-	\$0	\$0	\$6,487	\$10,862	\$17,349		
POLES/STANDARDS																									
Standard <= 16 ft																									
for UG or URD Service																									
aluminum, anchor base (square)																									
				\$165.72	\$186.36	\$1.72	\$115.59	\$198.12	12.5%	35	-	\$0	\$5,800	\$5,800	35	-	\$0	-	\$0	\$0	\$2,417	\$4,046	\$6,462		
Decorative Standard																									
<= 16 ft, for UG or URD Service																									
aluminum, AB, Little Falls																									
				\$234.00	\$263.04	\$2.42	\$163.12	\$279.60	12.4%	17	-	\$0	\$3,978	\$3,978	17	-	\$0	-	\$0	\$0	\$1,658	\$2,773	\$4,431		
ARMS AND BRACKETS																									
Arm for Standard <= 16ft																									
Dcr. (cane/scroll), alum., Little Falls																									
				\$130.68	\$146.88	\$1.35	\$91.08	\$156.12	12.4%	8	-	\$0	\$1,045	\$1,045	8	-	\$0	-	\$0	\$0	\$436	\$729	\$1,164		
Closed Offering Annual Total:												39,227,677	\$3,878,048	\$4,921,780	\$8,799,828	0	13,111,089	\$1,296,162	26,116,588	\$2,966,322	4,262,484	\$2,050,742	\$3,431,218	\$9,744,444	

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Rate Year 1 Revenue at Present and Proposed Rates

Service Classification No. 2 - Private Lighting (Company Owned and Maintained)

		Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours	Avg. (24) Hrs.	Total (24) Hours													Full Inc			
Present T&D rate		0.09886		Apr-Aug	5	41.67%	278.20	1,391	734.40	3,672													Target Facility Price Increase:		12.44%	
Rate Year 1 Comp T&D rate		0.11358		Sept-Mar	7	58.33%	397.00	2,779	726.86	5,088													Target LED Price Increase:		5.22%	
												Ratio LED% to HID %:														41.98%
Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Facility Price (d)	Less April Rev (e)	Sept-Mar Proposed 7-month Facility Price (f)	Annualized Tariff Facility Price (g)	Percent Change Facility Price (h)	Present Fest Units (i)	Present Annual Usage (j)	Present Annual T&D Revenue (k)	Present Annual Facility Revenue (l)	Present Annual Total Revenue (m)	RY1 Fest Units (n)	Apr-Aug 5-month Usage (o)	Apr-Aug 5-month T&D Revenue (p)	Sept-Mar 7-month Usage (q)	Sept-Mar 7-month T&D Revenue (r)	Rate Year 1 Total T&D Revenue (s)	Apr-Aug 5-month Facility Revenue (t)	Sept-Mar 7-month Facility Revenue (u)	Rate Year 1 Annual Total Revenue (v)				
LAMP & LUMINAIRE																										
Incandescent < 2500 lumen, Std	202	347.50	\$114.60	\$128.88	\$1.19	\$79.94	\$137.04	12.5%	1	842	\$83	\$115	\$198	1	281	\$28	561	\$64	\$92	\$48	\$80	\$219				
Incandescent 4000 lumen, Enclosed	327	347.50	\$118.20	\$132.84	\$1.22	\$82.37	\$141.24	12.4%	3	4,091	\$404	\$355	\$759	3	1,365	\$135	2,726	\$310	\$445	\$148	\$247	\$839				
LAMPS																										
Mercury Vapor																										
100W	130	347.50	\$8.16	\$9.12	\$0.08	\$5.64	\$9.72	11.8%	116	62,884	\$6,217	\$947	\$7,163	116	20,976	\$2,074	41,907	\$4,760	\$6,834	\$394	\$654	\$7,882				
175W	211	347.50	\$8.16	\$9.12	\$0.08	\$5.64	\$9.72	11.8%	388	341,390	\$33,750	\$3,166	\$36,916	388	113,878	\$11,258	227,511	\$25,841	\$37,099	\$1,319	\$2,188	\$40,606				
400W	477	347.50	\$8.16	\$9.12	\$0.08	\$5.64	\$9.72	11.8%	91	181,007	\$17,894	\$743	\$18,637	91	60,379	\$5,969	120,628	\$13,701	\$19,670	\$309	\$513	\$20,493				
1000W	1095	347.50	\$15.24	\$17.16	\$0.16	\$10.65	\$18.24	12.6%	2	9,132	\$903	\$30	\$933	2	3,046	\$301	6,086	\$691	\$992	\$13	\$21	\$1,026				
LUMINAIRES																										
Contemporary 70			\$91.68	\$103.08	\$0.95	\$63.93	\$109.56	12.4%	16	-	\$0	\$1,467	\$1,467	16	-	\$0	-	\$0	\$0	\$611	\$1,023	\$1,634				
Contemporary 100			\$91.68	\$103.08	\$0.95	\$63.93	\$109.56	12.4%	49	-	\$0	\$4,492	\$4,492	49	-	\$0	-	\$0	\$0	\$1,872	\$3,133	\$5,004				
Contemporary 175			\$91.68	\$103.08	\$0.95	\$63.93	\$109.56	12.4%	10	-	\$0	\$917	\$917	10	-	\$0	-	\$0	\$0	\$382	\$639	\$1,021				
POLES/STANDARDS																										
Standard/Pole > 16 ft - OH Service																										
Steel, anchor base			\$210.96	\$237.24	\$2.19	\$147.15	\$252.24	12.5%	350	-	\$0	\$73,836	\$73,836	350	-	\$0	-	\$0	\$0	\$30,765	\$51,503	\$82,268				
aluminum, anchor base			\$210.96	\$237.24	\$2.19	\$147.15	\$252.24	12.5%	84	-	\$0	\$17,721	\$17,721	84	-	\$0	-	\$0	\$0	\$7,384	\$12,361	\$19,744				
Standard > 16 ft																										
for UG or URD Service																										
steel, anchor base (50 ft round)			\$383.04	\$430.68	\$3.97	\$267.11	\$457.92	12.4%	8	-	\$0	\$3,064	\$3,064	8	-	\$0	-	\$0	\$0	\$1,277	\$2,137	\$3,414				
steel, anchor base (35 ft square)			\$217.20	\$244.20	\$2.25	\$151.45	\$259.68	12.4%	4	-	\$0	\$869	\$869	4	-	\$0	-	\$0	\$0	\$362	\$606	\$968				
steel, anchor base			\$302.64	\$340.32	\$3.14	\$211.08	\$361.80	12.5%	931	-	\$0	\$281,758	\$281,758	931	-	\$0	-	\$0	\$0	\$117,399	\$196,515	\$313,915				
steel, anchor base, heavy duty			\$302.64	\$340.32	\$3.14	\$211.08	\$361.80	12.5%	-	-	\$0	\$0	\$0	-	-	\$0	-	\$0	\$0	\$0	\$0	\$0	\$0			
Standard <= 16 ft																										
for UG or URD Service																										
steel, anchor base			\$132.36	\$148.80	\$1.37	\$92.28	\$158.16	12.4%	1,091	-	\$0	\$144,405	\$144,405	1,091	-	\$0	-	\$0	\$0	\$60,169	\$100,677	\$160,846				
steel, direct embedded			\$156.00	\$175.44	\$1.62	\$108.82	\$186.60	12.5%	756	-	\$0	\$117,936	\$117,936	756	-	\$0	-	\$0	\$0	\$49,140	\$82,268	\$131,408				
Decorative Standard																										
<= 16 ft, for UG or URD Service																										
cast iron, AB, Armory Square			\$441.00	\$495.84	\$4.57	\$307.52	\$527.16	12.4%	29	-	\$0	\$12,789	\$12,789	29	-	\$0	-	\$0	\$0	\$5,329	\$8,918	\$14,247				
Fiberglass, DE, Presidential			\$272.04	\$305.88	\$2.82	\$189.71	\$325.20	12.4%	104	-	\$0	\$28,292	\$28,292	104	-	\$0	-	\$0	\$0	\$11,788	\$19,730	\$31,518				
FOUNDATIONS																										
Mechanical - Screw Type																										
for AB standards, all applications			\$130.20	\$146.40	\$1.35	\$90.80	\$155.64	12.4%	6,404	-	\$0	\$833,801	\$833,801	6,404	-	\$0	-	\$0	\$0	\$347,417	\$581,483	\$928,900				
CONVENIENCE OUTLETS																										
Festoon Outlet - Old			\$6.36	\$7.20	\$0.07	\$4.48	\$7.68	13.2%	27	-	\$0	\$172	\$172	27	-	\$0	-	\$0	\$0	\$72	\$121	\$193				
On Any Wood Pole			\$63.24	\$71.16	\$0.66	\$44.15	\$75.72	12.5%	981	-	\$0	\$62,038	\$62,038	981	-	\$0	-	\$0	\$0	\$25,849	\$43,311	\$69,161				
Obsolete Offering Annual Total:										599,346	\$59,251	\$1,588,911	\$1,648,163 0													
S.C. 2 Annual Grand Total:										53,499,374	\$5,288,948	\$20,557,888	\$25,846,836													
										17,712,243	\$1,751,032	35,787,131	\$4,064,702													

			Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours																			Full Inc															
Present T&D rate			0.09886		Apr-Aug	5	33.36%	278.20	1,391																			Average Increase:		16.65%													
Rate Year 1 Comp T&D rate			0.11358		Sept-Mar	7	66.64%	397.00	2,779																																		
Customer	Billed	Watts	Avg Mo	Present	Present	Discount	Rate Year 1	Less	Proposed	Annualized	Percent	Present	Present	Present	Present	Present	RY1	Apr-Aug	Apr-Aug	Sept-Mar	Sept-Mar	Rate Year 1	Apr-Aug	Sept-Mar	Rate Year 1																		
	Facility	per	Burn	Retail	Facility	Retail vs. PE	Annual	April	7-month	Tariff	Change	Fcst	Annual	Annual	Annual	Annual	Fcst	5-month	5-month	7-month	7-month	Total	5-month	7-month	Annual																		
	Price	Lamp	Hours	Price	Price	Price	Price	Rev	Facility	Facility	Facility	Units	Usage	T&D	Facility	Total	Units	Usage	Revenue	Usage	Revenue	Revenue	Revenue	Revenue	Revenue																		
	(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)																		
AMHERST CENTRAL SCHOOL DIST																																											
				\$255.00	\$127.80	-49.9%	\$149.04	\$1.77	\$94.02	\$161.16	16.6%	4	-	\$0	\$511	\$511	4	-	-	-	-	\$	-	\$213	\$376	\$589																	
				\$139.80	\$119.28	-14.7%	\$122.76	\$0.29	\$72.77	\$124.80	2.9%	4	-	\$0	\$477	\$477	4	-	-	-	-	\$	-	\$199	\$291	\$490																	
												Subtotal:	-	\$0	\$988	\$988	Subtotal:	\$0	\$0	\$0	\$0	\$	-	\$412	\$667	\$1,079																	
CITY OF BUFFALO																																											
				\$255.00	\$104.28	-59.1%	\$129.36	\$2.09	\$83.82	\$143.64	24.1%	234	-	\$0	\$24,402	\$24,402	234	-	-	-	-	\$	-	\$10,167	\$19,614	\$29,781																	
				\$139.80	\$82.20	-41.2%	\$91.80	\$0.80	\$56.75	\$97.32	11.7%	234	-	\$0	\$19,235	\$19,235	234	-	-	-	-	\$	-	\$8,015	\$13,280	\$21,294																	
				\$255.00	\$103.32	-59.5%	\$128.64	\$2.11	\$83.48	\$143.16	24.5%	1	-	\$0	\$103	\$103	1	-	-	-	-	\$	-	\$43	\$83	\$127																	
				\$139.80	\$106.56	-23.8%	\$112.08	\$0.46	\$67.22	\$115.20	5.2%	1	-	\$0	\$107	\$107	1	-	-	-	-	\$	-	\$44	\$67	\$112																	
				\$255.00	\$119.88	-53.0%	\$142.44	\$1.88	\$90.61	\$155.28	18.8%	38	-	\$0	\$4,555	\$4,555	38	-	-	-	-	\$	-	\$1,898	\$3,443	\$5,341																	
				\$139.80	\$106.68	-23.7%	\$112.20	\$0.46	\$67.29	\$115.32	5.2%	38	-	\$0	\$4,054	\$4,054	38	-	-	-	-	\$	-	\$1,689	\$2,557	\$4,246																	
				\$139.80	\$74.88	-46.4%	\$85.68	\$0.90	\$53.58	\$91.80	14.4%	1,201	-	\$0	\$89,931	\$89,931	1,201	-	-	-	-	\$	-	\$37,471	\$64,350	\$101,821																	
				\$139.80	\$110.52	-20.9%	\$115.44	\$0.41	\$68.98	\$118.20	4.5%	155	-	\$0	\$17,131	\$17,131	155	-	-	-	-	\$	-	\$7,138	\$10,692	\$17,830																	
				\$255.00	\$99.00	-61.2%	\$125.04	\$2.17	\$81.62	\$139.92	26.3%	11	-	\$0	\$1,089	\$1,089	11	-	-	-	-	\$	-	\$454	\$898	\$1,352																	
				\$255.00	\$115.20	-54.8%	\$138.48	\$1.94	\$88.54	\$151.80	20.2%	606	-	\$0	\$69,811	\$69,811	606	-	-	-	-	\$	-	\$29,088	\$53,655	\$82,743																	
				\$255.00	\$111.36	-56.3%	\$135.36	\$2.00	\$86.96	\$149.04	21.6%	655	-	\$0	\$50,669	\$50,669	655	-	-	-	-	\$	-	\$21,112	\$39,567	\$60,679																	
				\$255.00	\$89.28	-65.0%	\$116.88	\$2.30	\$77.38	\$132.60	30.9%	7	-	\$0	\$625	\$625	7	-	-	-	-	\$	-	\$260	\$542	\$802																	
				\$139.80	\$67.80	-51.5%	\$79.80	\$1.00	\$50.55	\$86.64	17.7%	7	-	\$0	\$475	\$475	7	-	-	-	-	\$	-	\$198	\$354	\$552																	
				\$139.80	\$74.88	-46.4%	\$85.68	\$0.90	\$53.58	\$91.80	14.4%	9	-	\$0	\$674	\$674	9	-	-	-	-	\$	-	\$281	\$482	\$763																	
												Subtotal:	-	\$0	\$282,859	\$282,859	Subtotal:	\$0	\$0	\$0	\$0	\$	-	\$117,858	\$209,583	\$327,441																	
CITY OF SCHENECTADY																																											
				\$114.60	\$65.76	-42.6%	\$73.92	\$0.68	\$45.84	\$78.60	12.4%	24	20,217	\$1,999	\$1,578	\$3,577	24	6,744	\$667	13,473	\$1,530	\$	2,197	\$658	\$1,100	\$3,955																	
				\$132.36	\$57.96	-56.2%	\$70.32	\$1.03	\$45.14	\$77.40	21.3%	24	-	\$0	\$1,391	\$1,391	24	-	-	-	-	\$	-	\$580	\$1,083	\$1,663																	
				\$255.00	\$103.32	-59.5%	\$128.64	\$2.11	\$83.48	\$143.16	24.5%	24	-	\$0	\$2,480	\$2,480	24	-	-	-	-	\$	-	\$1,033	\$2,004	\$3,037																	
				\$139.80	\$106.56	-23.8%	\$112.08	\$0.46	\$67.22	\$115.20	5.2%	24	-	\$0	\$2,557	\$2,557	24	-	-	-	-	\$	-	\$1,066	\$1,613	\$2,679																	
												Subtotal:	20,217	\$1,999	\$8,006	\$10,005	Subtotal:	6,744	\$667	13,473	\$1,530	\$	2,197	\$3,336	\$5,800	\$11,333																	
TOWN OF QUEENSBURY																																											
				\$132.36	\$63.24	-52.2%	\$74.76	\$0.96	\$47.45	\$81.36	18.2%	26	-	\$0	\$1,644	\$1,644	26	-	-	-	-	\$	-	\$685	\$1,234	\$1,919																	
				\$255.00	\$111.00	-56.5%	\$135.00	\$2.00	\$86.75	\$148.68	21.6%	26	-	\$0	\$2,886	\$2,886	26	-	-	-	-	\$	-	\$1,203	\$2,256	\$3,458																	
				\$139.80	\$127.08	-9.1%	\$129.24	\$0.18	\$76.11	\$130.44	1.7%	26	-	\$0	\$3,304	\$3,304	26	-	-	-	-	\$	-	\$1,377	\$1,979	\$3,356																	
												Subtotal:	-	\$0	\$7,834	\$7,834	Subtotal:	\$0	\$0	\$0	\$0	\$	-	\$3,264	\$5,468	\$8,732																	
VILLAGE OF KINDERHOOK																																											
				\$110.52	\$56.88	-48.5%	\$65.88	\$0.75	\$41.43	\$71.04	15.8%	2	860	\$85	\$114	\$199	2	287	\$28	573	\$65	\$	93	\$47	\$83	\$224																	
				\$139.80	\$90.72	-35.1%	\$98.88	\$0.68	\$60.40	\$103.56	9.0%	2	-	\$0	\$181	\$181	2	-	-	-	-	\$	-	\$76	\$121	\$196																	
												Subtotal:	860	\$85	\$295	\$380	Subtotal:	287	\$28	573	\$65	\$	93	\$123	\$204	\$420																	
VILLAGE OF WILLIAMSVILLE																																											
				\$139.80	\$100.92	-27.8%	\$107.40	\$0.54	\$64.81	\$111.12	6.4%	99	-	\$0	\$9,991	\$9,991	99	-	-	-	-	\$	-	\$4,163	\$6,416	\$10,579																	
												S.C. 2 Price Exceptions Annual Total:	21,077	\$2,084	\$309,975	\$312,058	Total:	7,030	\$695	14,047	\$1,595	\$2,290	\$129,156	\$228,139	\$359,585																		
																							\$361,596.72																				

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY

Rate Year 1 Revenue at Present and Proposed Rates

Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)

Present T&D rate Rate Year 1 Comp T&D rate		Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours															Full Inc		
		Apr-Aug	5	33.36%	278.20	1,391	Sept-Mar	7	66.64%	397.00	2,779														
Description	Billed	Avg Mo	Present	Proposed	Less	Proposed	Annualized	Percent	Present	Present	Present	Present	Present	RY1	Apr-Aug	Apr-Aug	Sept-Mar	Sept-Mar	Rate Year 1	Apr-Aug	Sept-Mar	Rate Year 1			
	Watts	Burn	Facility	Annual	April	7-month	Tariff	Change	Fest	Annual	Annual	Annual	Annual	Fest	5-month	5-month	7-month	7-month	Total	5-month	7-month	Annual			
	per	Hours	Price	Facility	Rev	Facility	Service	Facility	Units	Usage	T&D	Facility	Total	Units	Usage	T&D	Usage	T&D	T&D	Facility	Facility	Total			
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)			
<b>Non-contract S.C. 3 Accounts</b>																									
(Customer owned & maintained)			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	11,432,909	5,076,212	\$344,522	\$0	\$344,522	11,432,909		\$0	5,076,212	\$394,574	\$ 394,574	\$0	\$0	\$394,574			
									11,432,909	4,207,311	\$285,550	\$0	\$285,550	11,432,909		\$0	4,207,311	\$327,034	\$ 327,034	\$0	\$0	\$327,034			
									11,432,909	4,138,713	\$280,894	\$0	\$280,894	11,432,909		\$0	4,138,713	\$321,702	\$ 321,702	\$0	\$0	\$321,702			
									11,432,909	3,487,037	\$236,665	\$0	\$236,665	11,432,909	3,487,037	\$236,665		\$0	\$ 236,665	\$0	\$0	\$236,665			
									11,432,909	3,144,050	\$213,387	\$0	\$213,387	11,432,909	3,144,050	\$213,387		\$0	\$ 213,387	\$0	\$0	\$213,387			
									11,432,909	2,812,496	\$190,884	\$0	\$190,884	11,432,909	2,812,496	\$190,884		\$0	\$ 190,884	\$0	\$0	\$190,884			
									11,432,909	3,018,288	\$204,851	\$0	\$204,851	11,432,909	3,018,288	\$204,851		\$0	\$ 204,851	\$0	\$0	\$204,851			
									11,432,909	3,441,306	\$233,561	\$0	\$233,561	11,432,909	3,441,306	\$233,561		\$0	\$ 233,561	\$0	\$0	\$233,561			
									11,432,909	3,818,592	\$259,168	\$0	\$259,168	11,432,909		\$0	3,818,592	\$296,819	\$ 296,819	\$0	\$0	\$296,819			
									11,432,909	4,493,133	\$304,949	\$0	\$304,949	11,432,909		\$0	4,493,133	\$349,251	\$ 349,251	\$0	\$0	\$349,251			
									11,432,909	4,813,255	\$326,676	\$0	\$326,676	11,432,909		\$0	4,813,255	\$374,134	\$ 374,134	\$0	\$0	\$374,134			
									11,432,909	5,224,839	\$354,610	\$0	\$354,610	11,432,909		\$0	5,224,839	\$406,127	\$ 406,127	\$0	\$0	\$406,127			
<b>POLE ATTACHMENT</b>																									
Facility Lighting Attachment			\$8.40	\$9.48	\$0.09	\$5.89	\$10.08	12.9%	40,599	-	\$0	\$341,032	\$341,032	40,599	-	-	-	-	\$ -	\$142,097	\$239,128	\$381,225			
<b>Contract S.C.3 Account</b>																									
(S.C. 3 T&D rate per contract. No facility charge unless a Company-procured new facility - then, S.C. 2 price)																									
<b>LAMPS</b>																									
<u>High Pressure Sodium</u>																									
	70W	82	347.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	4	1,368	\$93	\$0	\$93	4	456	\$31	912	\$71	\$ 102	\$0	\$0	\$102			
	100W	117	347.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	64	31,224	\$2,119	\$0	\$2,119	64	10,416	\$707	20,808	\$1,617	\$ 2,324	\$0	\$0	\$2,324			
	150W	182	347.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	722	547,956	\$37,190	\$0	\$37,190	722	182,783	\$12,405	365,173	\$28,385	\$ 40,790	\$0	\$0	\$40,790			
	250W	302	347.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	1,719	2,164,800	\$146,925	\$0	\$146,925	1,719	722,121	\$49,010	1,442,679	\$112,139	\$ 161,150	\$0	\$0	\$161,150			
	400W	480	347.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	21	42,036	\$2,853	\$0	\$2,853	21	14,021	\$952	28,015	\$2,178	\$ 3,129	\$0	\$0	\$3,129			
<u>Metal Halide</u>																									
	400W	1	347.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	11	48	\$3	\$0	\$3	11	15	\$1	33	\$3	\$ 4	\$0	\$0	\$4			
<u>Mercury Vapor</u>																									
	175W	208	347.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%	18	15,612	\$1,060	\$0	\$1,060	18	5,208	\$353	10,404	\$809	\$ 1,162	\$0	\$0	\$1,162			
<b>LUMINAIRES</b>																									
	Edgewater 150			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	721	-	\$0	\$0	\$0	721	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Little Falls - Teardrop, 70			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	6	-	\$0	\$0	\$0	6	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Roadway 70			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	4	-	\$0	\$0	\$0	4	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Roadway 150			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	1	-	\$0	\$0	\$0	1	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Roadway 250			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	1,719	-	\$0	\$0	\$0	1,719	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Roadway 400			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	11	-	\$0	\$0	\$0	11	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Roadway 175			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	2	-	\$0	\$0	\$0	2	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Roadway 400			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	21	-	\$0	\$0	\$0	21	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Aspen Grove 100			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	34	-	\$0	\$0	\$0	34	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Traditional 100			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	24	-	\$0	\$0	\$0	24	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Contemporary 175			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	16	-	\$0	\$0	\$0	16	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
<b>POLES/STANDARDS</b>																									
	Wood Pole, 1 Span			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	3	-	\$0	\$0	\$0	3	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			
	Aluminum, AB, Armory Square			\$0.00	\$0.00	\$0.00	\$0.00	0.0%	1	-	\$0	\$0	\$0	1	-	\$0	-	\$0	\$ -	\$0	\$0	\$0			

										Full Inc																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Present T&D rate		Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours		Target Facility Price Increase:														12.44%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Rate Year 1 Comp T&D rate		0.06787		Apr-Aug		5		33.36%		278.20		1,391																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		0.07773		Sept-Mar		7		66.64%		397.00		2,779																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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				Billed		Less		7-month		Tariff		Change																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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				(a)		(b)		(c)		(d)		(e)		(f)		(g)		(h)		(i)		(j)		(k)		(l)		(m)		(n)		(o)		(p)		(q)		(r)		(s)		(t)		(u)		(v)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY

Rate Year 1 Revenue at Present and Proposed Rates

Service Classification No. 4 - Traffic Control (Customer Owned and Maintained)

		Compressed:		Mos.	#mos.	% Usage	Avg. Hrs.											Total Hours												Full Inc	
Present T&D rate		0.01234		Apr-Aug	5	33.36%	278.20											1,391												Target Facility Price Increase:	12.44%
Rate Year 1 Comp T&D rate		0.01438		Sept-Mar	7	66.64%	397.00											2,779													
Description	Present	Rate Year 1		Sept-Mar	Annualized	Percent	Present	Present	Present	Present	Present	RY1	Apr-Aug	Apr-Aug	Sept-Mar	Sept-Mar	Rate Year 1	Apr-Aug	Sept-Mar	Rate Year 1											
	Service	Annual	Less	7-month	Tariff	Change	Fcst	Annual	Annual	Annual	Annual	Fcst	5-month	5-month	7-month	7-month	Total	5-month	7-month	Annual											
	Charge	Charge	Rev	Charge	Service	Charge	Units	Usage	Revenue	Revenue	Revenue	Units	Usage	Revenue	Usage	Revenue	Revenue	Revenue	Revenue	Revenue											
	(a)	(b)	(c)	(d)		(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)										
Traffic Control Location Charge	\$354.96	\$399.12	\$3.68	\$247.54		\$424.32	12.4%	2,218	n/a	n/a	\$787,301	\$787,301	2,218	n/a	n/a	n/a	n/a	\$328,042	\$549,044	\$877,086											
Traffic Control 30 Day kWh	n/a	n/a	n/a	n/a		n/a	n/a	526,839	6,322,068	\$78,014	\$787,301	\$78,014	526,839	2,650,072	\$32,702	3,671,996	\$52,803	\$85,505	n/a	n/a	\$85,505										
S.C. 4 Annual Total:								6,322,068	\$78,014	\$787,301	\$865,316	2,650,072	\$32,702	3,671,996	\$52,803	\$85,505	\$328,042	\$549,044	\$962,591												
																	TARGET	\$85,496	\$877,044	\$962,540											
																	PROPOSED MINUS TARGET	\$9	\$41	\$51											

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Rate Year 1 Revenue at Present and Proposed Rates

Contract Street Lighting (Customer Contributory Provisions)

Compressed:			Mos.	#mos.	% Usage	Avg. Hrs.	Total Hours																Full Inc		
Present T&D rate			0.09886	Apr-Aug	5	33.36%	278.20	1,391																Target Facility Price Increase:	12.44%
Rate Year 1 Comp T&D rate			0.11358	Sept-Mar	7	66.64%	397.00	2,779																	
Description	Billed	Avg Mo	Present	Proposed	Less	Proposed	Annualized	Percent	Present	Present	Present	Present	Present	RY1	Apr-Aug	Apr-Aug	Sept-Mar	Sept-Mar	Rate Year 1	Apr-Aug	Sept-Mar	Rate Year 1			
	Watts	Burn	Facility	Annual	April	7-month	Tariff	Change	Fcst	Annual	Annual	Annual	Annual	Fcst	5-month	5-month	7-month	7-month	Total	5-month	7-month	Total			
	per	Hours	Price	Facility	Rev	Price	Price	Price	Units	Usage	Revenue	Revenue	Revenue	Units	Usage	Revenue	Usage	Revenue	Revenue	Facility	Facility	Annual			
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)			
TOWN OF HAMLIN																									
100W	118	347.50	\$8.52	\$9.60	\$0.09	\$5.96	\$10.20	12.7%	6	2,952	\$292	\$51	\$343	6	985	\$97	1,967	\$223	\$321	\$21	\$36	\$378			
Arch. (style unknown) 70/100			\$35.28	\$39.72	\$0.37	\$24.65	\$42.24	12.6%	6	-	\$0	\$212	\$212	6	-	\$0	-	\$0	\$0	\$88	\$148	\$236			
Fiberglass, anchor base			\$29.88	\$33.60	\$0.31	\$20.84	\$35.76	12.4%	6	-	\$0	\$179	\$179	6	-	\$0	-	\$0	\$0	\$75	\$125	\$200			
for AB standards, all applications			\$49.32	\$55.44	\$0.51	\$34.38	\$58.92	12.4%	6	-	\$0	\$296	\$296	6	-	\$0	-	\$0	\$0	\$123	\$206	\$330			
direct buried cable			\$6.12	\$6.84	\$0.06	\$4.23	\$7.20	11.8%	6	-	\$0	\$37	\$37	6	-	\$0	-	\$0	\$0	\$15	\$25	\$41			
CR EF DB Cable/ft			\$0.48	\$0.48	\$0.00	\$0.28	\$0.48	0.0%	284	-	\$0	\$136	\$136	284	-	\$0	-	\$0	\$0	\$57	\$80	\$136			
TOWN OF HAMLIN HILLCREST SUBDIV SC 5																									
100W	118	347.50	\$8.52	\$9.60	\$0.09	\$5.96	\$10.20	12.7%	13	6,396	\$632	\$111	\$743	13	2,134	\$211	4,262	\$484	\$695	\$46	\$77	\$819			
150W	173	347.50	\$8.76	\$9.84	\$0.09	\$6.10	\$10.44	12.3%	3	2,160	\$214	\$26	\$240	3	722	\$71	1,438	\$163	\$235	\$11	\$18	\$264			
Arch. (style unknown) 70/100			\$35.28	\$39.72	\$0.37	\$24.65	\$42.24	12.6%	10	-	\$0	\$353	\$353	10	-	\$0	-	\$0	\$0	\$147	\$247	\$394			
LM Arch 150/175			\$26.76	\$30.12	\$0.28	\$18.69	\$32.04	12.6%	3	-	\$0	\$80	\$80	3	-	\$0	-	\$0	\$0	\$33	\$56	\$90			
Fiberglass, anchor base			\$29.88	\$33.60	\$0.31	\$20.84	\$35.76	12.4%	16	-	\$0	\$478	\$478	16	-	\$0	-	\$0	\$0	\$199	\$333	\$533			
for anchor base standard <= 16 ft			\$87.72	\$98.64	\$0.91	\$61.18	\$104.88	12.4%	12	-	\$0	\$1,053	\$1,053	12	-	\$0	-	\$0	\$0	\$439	\$734	\$1,173			
for AB standards, all applications			\$49.32	\$55.44	\$0.51	\$34.38	\$58.92	12.4%	4	-	\$0	\$197	\$197	4	-	\$0	-	\$0	\$0	\$82	\$138	\$220			
direct buried cable			\$6.12	\$6.84	\$0.06	\$4.23	\$7.20	11.8%	16	-	\$0	\$98	\$98	16	-	\$0	-	\$0	\$0	\$41	\$68	\$108			
CR EF DB Cable/ft			\$0.48	\$0.48	\$0.00	\$0.28	\$0.48	0.0%	344	-	\$0	\$165	\$165	344	-	\$0	-	\$0	\$0	\$69	\$96	\$165			
Edison 100			\$35.28	\$39.72	\$0.37	\$24.65	\$42.24	12.6%	3	-	\$0	\$106	\$106	3	-	\$0	-	\$0	\$0	\$44	\$74	\$118			
Contract Annual Total:										11,508	\$1,138	\$3,578	\$4,716												
																				TARGET					
																				PROPOSED MINUS TARGET					
																				\$1,251					
																				\$0					
																				\$3,989					
																				-\$37					
																				\$5,240					

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Potential Roadway LED Conversion Usage and Revenue Impact  
Service Classification No. 2 - Street Lighting (Company Owned and Maintained)

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Present Units Billed (c)	Present Annual Usage (d)	Fcst Units (No Conv.) (e)	Proposed Annual Usage (f)	Cumulative Units Billed Rate Year 1 (g)	Cumulative Units Billed Rate Year 2 (h)	Cumulative Units Billed Rate Year 3 (i)	Proposed Annual Usage Rate Year 1 (j)	Proposed Annual Usage Rate Year 2 (k)	Proposed Annual Usage Rate Year 3 (l)	# Roadway Units as a % of Total Units (m)
<b>Impact on Usage</b>													
<b>LAMPS</b>													
<u>High Pressure Sodium</u>													
70W	86	347.50	8,826	3,165,180	8,826	3,165,180	-10%	-20%	-30%	-10%	-20%	-30%	
24 HR - 70W	86	730.00	-	-	-	-	(783)	(1,565)	(2,348)	2,884,488	2,603,796	2,323,104	88.7%
100W	118	347.50	13,922	6,850,459	13,922	6,850,459	(915)	(1,830)	(2,745)	6,400,297	5,950,136	5,499,974	88.7%
24 HR - 100W	118	730.00	8	8,269	8	8,269	(1)	(1)	(2)	7,726	7,183	6,639	65.7%
150W	173	347.50	18,465	13,320,836	18,465	13,320,836	(1,598)	(3,196)	(4,794)	12,168,032	11,015,229	9,862,426	86.5%
24 HR - 150W	173	730.00	51	77,289	51	77,289	(4)	(9)	(13)	70,601	63,912	57,223	86.5%
250W	304	347.50	7,457	9,453,090	7,457	9,453,090	(638)	(1,276)	(1,914)	8,644,505	7,835,919	7,027,334	85.5%
24 HR - 250W	304	730.00	81	215,706	81	215,706	(7)	(14)	(21)	197,255	178,805	160,354	85.5%
400W	470	347.50	1,767	3,463,143	1,767	3,463,143	(117)	(234)	(352)	3,233,366	3,003,589	2,773,812	66.3%
24 HR - 400W	470	730.00	-	-	-	-	-	-	-	-	-	-	66.3%
1000W	1106	347.50	5	23,060	5	23,060	(1)	(1)	(2)	20,754	18,448	16,142	100.0%
<u>Metal Halide</u>													
175W	207	347.50	1,451	1,252,489	1,451	1,252,489	(25)	(49)	(74)	1,231,239	1,209,990	1,188,740	17.0%
250W	295	347.50	261	321,069	261	321,069	(22)	(45)	(67)	293,606	266,143	238,680	85.5%
400W	451	347.50	558	1,049,414	558	1,049,414	(37)	(74)	(111)	979,786	910,158	840,530	66.3%
1000W	1078	347.50	-	-	-	-	-	-	-	-	-	-	100.0%
<u>Mercury Vapor</u>													
100W	130	347.50	116	62,884	116	62,884	(8)	(15)	(23)	58,751	54,619	50,487	65.7%
175W	211	347.50	388	341,390	388	341,390	(7)	(13)	(20)	335,598	329,806	324,014	17.0%
400W	477	347.50	91	181,007	91	181,007	(6)	(12)	(18)	168,997	156,988	144,978	66.3%
1000W	1095	347.50	2	9,132	2	9,132	(0)	(0)	(1)	8,219	7,306	6,393	100.0%
TOTAL:				39,794,418	53,449	39,794,418	reductions:	(4,167)	(8,335)	(12,502)	36,703,222	33,612,025	30,520,829
<b>LED LUMINAIRES</b>													
LL Roadway LED-B	25	347.50	32,646	3,403,346	32,646	3,403,346	1,244	2,488	3,732	3,533,026	3,662,706	3,792,387	
24 HR - LL Roadway LED-B	25	730.00	-	-	-	-	-	-	-	-	-	-	
LL Roadway LED-C	48	347.50	20,033	4,009,805	20,033	4,009,805	2,090	4,181	6,271	4,428,224	4,846,644	5,265,063	
24 HR - LL Roadway LED-C	48	730.00	-	-	-	-	5	10	15	2,077	4,154	6,231	
LL Roadway LED-D	96	347.50	8,288	3,317,852	8,288	3,317,852	660	1,320	1,981	3,582,132	3,846,412	4,110,692	
24 HR - LL Roadway LED-D	96	730.00	-	-	-	-	7	14	21	5,827	11,653	17,480	
LL Roadway LED-F	210	347.50	1,025	897,593	1,025	897,593	161	322	483	1,038,580	1,179,568	1,320,556	
24 HR - LL Roadway LED-F	210	730.00	-	-	-	-	-	-	-	-	-	-	
Pricing Exception Incand Usage				21,077		2,290				2,290	2,290	2,290	
Incandescent Lamp/Luminaires				32,605		3,543				3,543	3,543	3,543	
TOTAL:				51,476,695	115,441	51,428,847	Additions:	4,167	8,335	12,502	49,298,921	47,168,996	45,039,070
Cumulative Reduction kWhs:										(2,129,926)	(4,259,851)	(6,389,777)	
Annual %:										-4.14%	-4.14%	-4.14%	
Cumulative %:										-4.14%	-8.28%	-12.42%	



## Service Classification No. 2 - Street Lighting (Company Owned and Maintained)

	Fest Units (No Conv.) (a)	Cumulative Units Billed Rate Year 1 (b)	Cumulative Units Billed Rate Year 2 (c)	Cumulative Units Billed Rate Year 3 (d)	Cumulative Units Billed 0 (e)	Present Annual Lamp Facility Price (f)	Present Annual Luminaire Facility Price (g)	RY1 Change in Facility Revenue Current (h)	RY2 Change in Facility Revenue Current (i)	RY3 Change in Facility Revenue Current (j)	RY1 Proposed Lamp Price (l)	RY1 Proposed Luminaire Price (m)	RY1 Change in Lamp Facility Revenue Proposed (n)	RY1 Change in Luminaire Facility Revenue Proposed (o)	RY1 Change in Total Facility Revenue Proposed (p)	
Impact on Facility Revenue																
LAMPS																
High Pressure Sodium																
70W	8,826	(783)	(1,565)	(2,348)	-	\$9.48	\$66.00	\$ (59,078)	\$ (118,156)	\$ (177,235)	\$10.68	\$74.16	\$ (8,359)	\$ (58,045)	\$ (66,404)	
24 HR - 70W	-	-	-	-	-	\$18.96	\$66.00	\$ -	\$ -	\$ -	\$21.36	\$74.16	\$ -	\$ -	\$ -	
100W	13,922	(915)	(1,830)	(2,745)	-	\$9.48	\$66.00	\$ (69,053)	\$ (138,106)	\$ (207,159)	\$10.68	\$74.16	\$ (9,771)	\$ (67,845)	\$ (77,616)	
24 HR - 100W	8	(1)	(1)	(2)	-	\$18.96	\$66.00	\$ (45)	\$ (89)	\$ (134)	\$21.36	\$74.16	\$ (11)	\$ (39)	\$ (50)	
150W	18,465	(1,598)	(3,196)	(4,794)	-	\$9.48	\$66.00	\$ (120,616)	\$ (241,232)	\$ (361,848)	\$10.68	\$74.16	\$ (17,066)	\$ (118,507)	\$ (135,573)	
24 HR - 150W	51	(4)	(9)	(13)	-	\$18.96	\$66.00	\$ (375)	\$ (750)	\$ (1,125)	\$21.36	\$74.16	\$ (94)	\$ (327)	\$ (422)	
250W	7,457	(638)	(1,276)	(1,914)	-	\$9.48	\$66.00	\$ (48,145)	\$ (96,289)	\$ (144,434)	\$10.68	\$74.16	\$ (6,812)	\$ (47,303)	\$ (54,115)	
24 HR - 250W	81	(7)	(14)	(21)	-	\$18.96	\$66.00	\$ (589)	\$ (1,177)	\$ (1,766)	\$21.36	\$74.16	\$ (148)	\$ (514)	\$ (662)	
400W	1,767	(117)	(234)	(352)	-	\$9.48	\$66.00	\$ (8,849)	\$ (17,698)	\$ (26,548)	\$10.68	\$74.16	\$ (1,252)	\$ (8,694)	\$ (9,947)	
24 HR - 400W	-	-	-	-	-	\$18.96	\$66.00	\$ -	\$ -	\$ -	\$21.36	\$74.16	\$ -	\$ -	\$ -	
1000W	5	(1)	(1)	(2)	-	\$19.20	\$149.16	\$ (84)	\$ (168)	\$ (253)	\$21.60	\$167.76	\$ (11)	\$ (84)	\$ (95)	
Metal Halide																
175W	1,451	(25)	(49)	(74)	-	\$65.64	\$66.00	\$ (3,241)	\$ (6,481)	\$ (9,722)	\$73.80	\$74.16	\$ (1,817)	\$ (1,826)	\$ (3,642)	
250W	261	(22)	(45)	(67)	-	\$65.64	\$66.00	\$ (2,939)	\$ (5,878)	\$ (8,817)	\$73.80	\$74.16	\$ (1,648)	\$ (1,656)	\$ (3,303)	
400W	558	(37)	(74)	(111)	-	\$65.64	\$66.00	\$ (4,874)	\$ (9,747)	\$ (14,621)	\$73.80	\$74.16	\$ (2,732)	\$ (2,746)	\$ (5,478)	
1000W	-	-	-	-	-	\$65.64	\$149.16	\$ -	\$ -	\$ -	\$73.80	\$167.76	\$ -	\$ -	\$ -	
Mercury Vapor																
100W	116	(8)	(15)	(23)	-	\$8.16	\$66.00	\$ (565)	\$ (1,131)	\$ (1,696)	\$9.12	\$74.16	\$ (70)	\$ (565)	\$ (635)	
175W	388	(7)	(13)	(20)	-	\$8.16	\$66.00	\$ (488)	\$ (976)	\$ (1,465)	\$9.12	\$74.16	\$ (60)	\$ (488)	\$ (548)	
400W	91	(6)	(12)	(18)	-	\$8.16	\$66.00	\$ (448)	\$ (896)	\$ (1,343)	\$9.12	\$74.16	\$ (55)	\$ (448)	\$ (503)	
1000W	2	(0)	(0)	(1)	-	\$15.24	\$149.16	\$ (33)	\$ (66)	\$ (99)	\$17.16	\$167.76	\$ (3)	\$ (34)	\$ (37)	
	53,449					Reduction in Revenue:			\$ (319,421)	\$ (638,842)	\$ (958,263)		\$ (49,910)	\$ (309,120)	\$ (359,030)	
LED LUMINAIRES																
LL Roadway LED-B	32,646	1,244	2,488	3,732	-	N/A	\$91.08	\$113,298	\$226,596	\$339,893	N/A	\$95.88	N/A	\$119,269	\$119,269	
24 HR - LL Roadway LED-B	-	-	-	-	-	N/A	\$191.40	\$0	\$0	\$0	N/A	\$201.36	N/A	\$0	\$0	
LL Roadway LED-C	20,033	2,090	4,181	6,271	-	N/A	\$96.36	\$201,433	\$402,866	\$604,300	N/A	\$101.40	N/A	\$211,969	\$211,969	
24 HR - LL Roadway LED-C	-	5	10	15	-	N/A	\$202.32	\$999	\$1,999	\$2,998	N/A	\$212.88	N/A	\$1,051	\$1,051	
LL Roadway LED-D	8,288	660	1,320	1,981	-	N/A	\$119.88	\$79,141	\$158,283	\$237,424	N/A	\$126.12	N/A	\$83,261	\$83,261	
24 HR - LL Roadway LED-D	-	7	14	21	-	N/A	\$251.64	\$1,743	\$3,487	\$5,230	N/A	\$264.72	N/A	\$1,834	\$1,834	
LL Roadway LED-F	1,025	161	322	483	-	N/A	\$129.60	\$20,866	\$41,731	\$62,597	N/A	\$136.32	N/A	\$21,948	\$21,948	
24 HR - LL Roadway LED-F	-	-	-	-	-	N/A	\$272.16	\$0	\$0	\$0	N/A	\$286.32	N/A	\$0	\$0	
						Increase in Revenue:			\$ 417,481	\$ 834,962	\$ 1,252,442		\$ -	\$ 439,332	\$ 439,332	
						Net Revenue at Present Rates:			\$ 98,060	\$ 196,120	\$ 294,180		Net Revenue:	\$ (49,910)	\$ 130,212	\$ 80,302
						Year-over-year change:			\$ 98,060	\$ 98,060	\$ 98,060			Net Revenue RY1 at Proposed:	\$ 160,604	

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Rate Year 1 Revenue at Present and Proposed Rates  
 LED to HID Rate Ratio Calculation Using Roadway Replacement Cost  
**Service Classification No. 2 - Street Lighting (Company Owned and Maintained)**

		12.44% S.C. 2 Facility Target % Increase							Proposed %	Adjusted	Adjusted
		Present	Luminaire	Present	Target	Target	Replacement	Replacement	Movement	Target	Target
		Price	Units	Revenue	Price	Revenue	Cost <sup>1</sup>	Revenue	to Replace	Price	Revenue
Description	Component	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
<b>HID Roadway Lamps</b>											
<u>High Pressure Sodium</u>											
	70W	SC2NMP000000101	\$9.48	8,826	\$83,670	\$10.68	\$94,262	N/A	\$0	\$11.23	\$99,076
	100W	SC2NMP000000201	\$9.48	13,922	\$131,981	\$10.68	\$148,687	N/A	\$0	\$11.23	\$156,281
	150W	SC2NMP000000301	\$9.48	18,465	\$175,048	\$10.68	\$197,206	N/A	\$0	\$11.23	\$207,279
	250W	SC2NMP000000401	\$9.48	7,457	\$70,692	\$10.68	\$79,641	N/A	\$0	\$11.23	\$83,709
	400W	SC2NMP000000501	\$9.48	1,767	\$16,751	\$10.68	\$18,872	N/A	\$0	\$11.23	\$19,835
	1000W	SC2NMP000000601	\$19.20	5	\$96	\$21.60	\$108	N/A	\$0	\$22.74	\$114
<u>Metal Halide</u>											
	175W	SC2NMP000000701	\$65.64	1,451	\$95,244	\$73.80	\$107,084	N/A	\$0	\$77.73	\$112,780
	250W	SC2NMP000000801	\$65.64	261	\$17,132	\$73.80	\$19,262	N/A	\$0	\$77.73	\$20,286
	400W	SC2NMP000000901	\$65.64	558	\$36,627	\$73.80	\$41,180	N/A	\$0	\$77.73	\$43,371
	1000W	SC2NMP000001001	\$65.64	-	\$0	\$73.80	\$0	N/A	\$0	\$77.73	\$0
<u>Mercury Vapor</u>											
	100W	SC2NMP000001201	\$8.16	116	\$947	\$9.12	\$1,058	N/A	\$0	\$9.66	\$1,121
	175W	SC2NMP000001301	\$8.16	388	\$3,166	\$9.12	\$3,539	N/A	\$0	\$9.66	\$3,749
	400W	SC2NMP000001501	\$8.16	91	\$743	\$9.12	\$830	N/A	\$0	\$9.66	\$879
	1000W	SC2NMP000001701	\$15.24	2	\$30	\$17.16	\$34	N/A	\$0	\$18.05	\$36
				53,309							
<b>HID Roadway Luminaires</b>											
	Roadway 70	SC2NMP000049P01	\$66.00	8,826	\$582,516	\$74.16	\$654,536	\$228.76	\$2,019,028	\$78.15	\$689,771
	Roadway 100	SC2NMP000050P01	\$66.00	14,038	\$926,508	\$74.16	\$1,041,058	\$216.33	\$3,036,837	\$78.15	\$1,097,101
	Roadway 150	SC2NMP000051P01	\$66.00	20,304	\$1,340,064	\$74.16	\$1,505,745	\$223.36	\$4,535,050	\$78.15	\$1,586,802
	Roadway 250	SC2NMP000052P01	\$66.00	7,718	\$509,388	\$74.16	\$572,367	\$247.12	\$1,907,300	\$78.15	\$603,179
	Roadway 400	SC2NMP0000302P01	\$66.00	2,416	\$159,456	\$74.16	\$179,171	\$264.36	\$638,693	\$78.15	\$188,816
	Roadway, 1000	SC2NMP000053P01	\$149.16	7	\$1,044	\$167.76	\$1,174	\$309.37	\$2,166	\$176.62	\$1,236
				53,309							
	Total HID:			\$4,151,103		\$4,665,813		\$12,139,074	6.44%		\$4,915,422
	% of replacement cost			34%		12.40%			HID %	18.41%	18.41%
<b>LED Roadway Luminaires</b>											
	LL Roadway LED-B	SC2NMPLEDRWYB01	\$91.08	15,845	\$1,443,163	\$102.36	\$1,621,894	\$168.11	\$2,663,625	\$98.12	\$1,554,701
	LL Roadway LED-C	SC2NMPLEDRWYC01	\$96.36	27,323	\$2,632,844	\$108.36	\$2,960,720	\$171.78	\$4,693,446	\$103.81	\$2,836,330
	LL Roadway LED-D	SC2NMPLEDRWYD01	\$119.88	7,718	\$925,234	\$134.76	\$1,040,078	\$199.13	\$1,536,859	\$129.15	\$996,743
	LL Roadway LED-F	SC2NMPLEDRWYF01	\$129.60	2,423	\$314,021	\$145.68	\$352,983	\$273.17	\$661,894	\$139.62	\$338,291
				53,309							
	Total LED:			\$5,315,262		\$5,975,675		\$9,555,823	15.57%		\$5,726,065
	% of replacement cost			56%		12.42%			LED %	7.73%	7.73%
	GRAND TOTAL			\$9,466,365	Target Revenue	\$10,641,487		\$21,694,897	Adjusted Target Revenue		\$10,641,487
					Total Increase	12.41%					12.41%
									Ratio LED% to HID %	41.98%	

Notes:

(1) See NMPC May 28, 2024 Exhibit \_\_ (E-RDP-8), Schedule 6.2 of NMPC Luminaire Replacement Cost of Service Study for S.C. No. 2 lamp/luminaire replacement costs (lamp replacement costs included in luminaire costs).

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Target Rate Year 2\* Revenue Per Lighting Service Class

**Forecast Rate Year 2\* Revenue at Rate Year 1 Rates**

Service Class	RY2 Usage	Full RY1 T&D Rate	T&D Revenue	Facility Revenue	Total Revenue	Pct. of Revenue from T&D	Pct. of Total Revenue
SC-1	15,329,172	0.11387	\$1,745,533	\$1,679,520	\$3,425,053	51.0%	8.9%
SC-1 LED	1,484,280	0.11387	\$169,015	\$379,585	\$548,600	30.8%	1.4%
	16,813,452		\$1,914,548	\$2,059,105	\$3,973,653	48.2%	10.4%
SC-2	40,739,587	0.11387	\$4,639,017	\$15,927,960	\$20,566,977	22.6%	53.7%
SC-2 LED	12,759,787	0.11387	\$1,452,957	\$6,726,166	\$8,179,123	17.8%	21.4%
<sup>1</sup> SC-2 PE	21,077	0.11387	\$2,400	\$361,597	\$363,997	0.7%	1.0%
<sup>2</sup> Contract	11,508	0.11387	\$1,310	\$3,986	\$5,297	24.7%	0.0%
	53,531,959		\$6,095,684	\$23,019,709	\$29,115,393	20.9%	76.1%
SC-3	48,857,756	0.07817	\$3,819,211	\$400,283	\$4,219,493	90.5%	11.0%
<sup>3</sup> SC-4	6,322,068	0.01421	\$89,837	\$885,248	\$975,085	9.2%	2.5%
Total	125,525,235		\$11,919,279	\$26,364,345	\$38,283,624	31.1%	100.0%

<sup>4</sup> Revenue Requirement Allocated to Lighting: \$43,360,299

Dollar Increase for Lighting Rate Year 2\*: \$5,076,675

Percentage Increase for Lighting Rate Year 2\*: 13.26%

**Facility Revenue Target Adjustment**

	Facility Revenue	
Total Target Facility Revenue:	\$29,860,441	<i>a = Proposed Revenue Requirement less Proposed T&amp;D Revenue</i>
<sup>5</sup> PE % Inc.: 18.52%	\$428,550	<i>b = Present SC2 PE Facility Dollars x PE % Inc.</i>
<sup>6</sup> LED % Inc.: 6.88%	\$7,594,718	<i>c = Present SC1 LED + SC2 LED Facility Dollars x LED % Inc.</i>
Non-PE & Non-LED Target Facility Revenue:	\$21,837,173	<i>d = a - b - c</i>
Non-PE & Non-LED Present Facility Revenue:	\$18,896,997	<i>e = Present Total Facility - SC2 PE Facility - SC1 LED Facility - SC2 LED Facility</i>
Dollar Increase for non-PE & non-LED Facilities:	\$2,940,176	<i>f = d - e</i>
Percentage Increase for non-PE & non-LED Facilities:	15.56%	<i>g = f / e</i>

Notes:

- (1) Facility Price Exceptions ("PE") on SC-2 customer accounts.
- (2) Special Contracts within SC-2 customer accounts.
- (3) The SC-4 basic service charges are included in "facility revenue" above and elsewhere, for convenience of presentation.
- (4) Rate Year 2\* Target Delivery Revenue for Lighting before Incremental Low Income Discount. Source: Appendix 2, Schedule 3D, page 2, Line 11.
- (5) PE facility increase based on remainder of 10-year phase out; rate shown in Appendix 2, Schedule 8.1.2, page 12 is average increase across all PE facilities.
- (6) LED facility increases reduced based on movement to replacement cost per Appendix 2, Schedule 8.1.2, page 17.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Target Rate Year 2\* Revenue Per Lighting Service Class

**Rate Year 2\* Target Revenue**

Service Class	RY2 Usage	Target T&D Rate <sup>1</sup>	T&D Revenue	Facility Revenue	Total Revenue	Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Rate Increase %	Facility Price Increase %
SC-1	15,329,172	0.12897	\$1,977,003	\$1,940,836	\$3,917,839	50.5%	9.0%	13.26%	15.56%
SC-1 LED	1,484,280	0.12897	\$191,428	\$405,705	\$597,133	32.1%	1.4%	13.26%	6.88%
	16,813,452		\$2,168,430	\$2,346,541	\$4,514,972	48.0%	10.4%		
SC-2	40,739,587	0.12897	\$5,254,183	\$18,406,184	\$23,660,367	22.2%	54.6%	13.26%	15.56%
SC-2 LED	12,759,787	0.12897	\$1,645,629	\$7,189,012	\$8,834,642	18.6%	20.4%	13.26%	6.88%
SC-2 PE	21,077	0.12897	\$2,718	\$428,550	\$431,268	0.6%	1.0%	13.26%	18.52%
Contract	11,508	0.12897	\$1,484	\$4,606	\$6,091	24.4%	0.0%	13.26%	15.56%
	53,531,959		\$6,904,014	\$26,028,353	\$32,932,368	21.0%	76.0%		
SC-3	48,857,756	0.08854	\$4,325,665	\$462,562	\$4,788,227	90.3%	11.0%	13.26%	15.56%
SC-4	6,322,068	0.01609	\$101,750	\$1,022,984	\$1,124,733	9.0%	2.6%	13.26%	15.56%
Total	125,525,235		\$13,499,859	\$29,860,441	\$43,360,299	31.1%	100.0%		
		<i>Dollar Increase:</i>	\$1,580,579	\$3,496,096	\$5,076,675				
		<i>Percent Increase:</i>	13.26%	13.26%	13.26%				

**Rate Year 2\* Revenue at Proposed Rates**

Service Class	RY2 Usage	Proposed T&D Rate <sup>2</sup>	T&D Revenue	Facility Revenue	Total Revenue <sup>3</sup>	Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Revenue Increase %	Facility Revenue Increase %	Total Revenue Increase %
SC-1	15,329,172	0.12897	\$1,977,003	\$1,940,272	\$3,917,276	50.5%	9.0%	13.26%	15.53%	14.37%
SC-1 LED	1,484,280	0.12897	\$191,428	\$405,666	\$597,093	32.1%	1.4%	13.26%	6.87%	8.84%
	16,813,452		\$2,168,431	\$2,345,938	\$4,514,369	48.0%	10.4%			
SC-2	40,739,587	0.12897	\$5,254,185	\$18,407,114	\$23,661,299	22.2%	54.6%	13.26%	15.56%	15.05%
SC-2 LED	12,759,787	0.12897	\$1,645,630	\$7,188,339	\$8,833,969	18.6%	20.4%	13.26%	6.87%	8.01%
SC-2PE	21,077	0.12897	\$2,718	\$428,550	\$431,268	0.6%	1.0%	13.26%	18.52%	18.48%
Contract	11,508	0.12897	\$1,484	\$4,635	\$6,119	24.3%	0.0%	13.26%	16.27%	15.52%
	53,531,959		\$6,904,017	\$26,028,638	\$32,932,655	21.0%	76.0%			
SC-3	48,857,756	0.08854	\$4,325,866	\$461,141	\$4,787,007	90.4%	11.0%	13.27%	15.20%	13.45%
SC-4	6,322,068	0.01609	\$101,722	\$1,022,853	\$1,124,575	9.0%	2.6%	13.23%	15.54%	15.33%
Total	125,525,235		\$13,500,035	\$29,858,570	\$43,358,606	31.1%	100.0%			
		<i>Dollar Increase:</i>	\$1,580,756	\$3,494,226	\$5,074,982					
		<i>Percent Increase:</i>	13.26%	13.25%	13.26%					

**Final Rate Year 2\* Proposed Volumetric Rates with Low Income (LI) Adder**

Service Class	Proposed T&D Rate	Incremental LI Discount Rate Adder <sup>4</sup>	Total Proposed T&D Rate	T&D Inc. % After LI Adder	Service Class	Incremental LI Discount T&D Revenue	Total Revenue Including LI Adder
SC-1	0.12897	0.00899	<b>0.13796</b>	21.16%	SC-1	\$151,153	<b>\$4,665,522</b>
SC-2/Contract	0.12897	0.00899	<b>0.13796</b>	21.16%	SC-2/Contract	\$481,252	<b>\$33,413,908</b>
SC-3	0.08854	0.00617	<b>0.09471</b>	21.16%	SC-3	\$301,452	<b>\$5,088,459</b>
SC-4	0.01609	0.00112	<b>0.01721</b>	21.11%	SC-4	\$7,081	<b>\$1,131,656</b>
					Total:	\$940,938	<b>\$44,299,544</b>

Notes:

(1) Target T&D rates are not rounded.

(2) Proposed T&D rates are rounded to five decimal places.

(3) Total Revenue differs from Target Revenue due to T&D and Facility rate rounding.

(4) Incremental Low Income Discount added back to Street Lighting Class. Source: Appendix 2, Schedule 3D, page 4, lines 18-21.

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates

## Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

Rate Year 1 T&D rate	0.11387
Rate Year 2* T&D rate	0.12897

Ratio LED% to HID %: 44.23%

Target Facility Price Increase:	15.56%
Target LED Price Increase:	6.88%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fest Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fest Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
<b>Standard Offerings</b>															
<b>LAMP &amp; LUMINAIRE</b>															
<u>LED</u>															
LL Roadway LED-B	9	108	\$95.88	<b>\$102.48</b>	6.9%	575	62,100	\$7,071	\$55,131	\$62,202	575	62,100	\$8,009	\$58,926	\$66,935
LL Roadway LED-C	17	204	\$101.40	<b>\$108.36</b>	6.9%	1,188	242,352	\$27,597	\$120,463	\$148,060	1,188	242,352	\$31,256	\$128,732	\$159,988
LL Roadway LED-D	33	396	\$126.12	<b>\$134.76</b>	6.9%	543	215,028	\$24,485	\$68,483	\$92,968	543	215,028	\$27,732	\$73,175	\$100,907
LL Roadway LED-F	73	876	\$136.32	<b>\$145.68</b>	6.9%	562	492,312	\$56,060	\$76,612	\$132,671	562	492,312	\$63,493	\$81,872	\$145,366
LL Floodlight LED-E	53	636	\$92.64	<b>\$99.00</b>	6.9%	138	87,768	\$9,994	\$12,784	\$22,778	138	87,768	\$11,319	\$13,662	\$24,981
LL Floodlight LED-F	70	840	\$100.68	<b>\$107.64</b>	6.9%	458	384,720	\$43,808	\$46,111	\$89,920	458	384,720	\$49,617	\$49,299	\$98,916
<b>LED Lamp &amp; Luminaire Annual Total:</b>							<b>1,484,280</b>	<b>\$169,015</b>	<b>\$379,585</b>	<b>\$548,600</b>		<b>1,484,280</b>	<b>\$191,428</b>	<b>\$405,666</b>	<b>\$597,093</b>
<b>POLES/STANDARDS</b>															
<u>Overhead Service</u>															
Additional Wood Pole			\$106.80	<b>\$123.36</b>	15.5%	3,548	-	\$0	\$378,926	\$378,926	3,548	-	\$0	\$437,681	\$437,681
<b>CIRCUITRY</b>															
Overhead Service - one span			\$49.92	<b>\$57.72</b>	15.6%	4,153	-	\$0	\$207,318	\$207,318	4,153	-	\$0	\$239,711	\$239,711
<b>Standard Offering Annual Total:</b>							<b>1,484,280</b>	<b>\$169,015</b>	<b>\$965,829</b>	<b>\$1,134,844</b>		<b>1,484,280</b>	<b>\$191,428</b>	<b>\$1,083,058</b>	<b>\$1,274,486</b>

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates

## Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

Rate Year 1 T&D rate	0.11387
Rate Year 2* T&D rate	0.12897

Ratio LED% to HID %: 44.23%

Target Facility Price Increase:	15.56%
Target LED Price Increase:	6.88%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fest Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fest Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
<b>Closed Offerings</b>															
<b>POLES/STANDARDS</b>															
<u>Underground Service</u>															
Standards > 16 ft.															
Aluminum - AB - w/davit			\$293.76	<b>\$339.48</b>	15.6%	17	-	\$0	\$4,994	\$4,994	17	-	\$0	\$5,771	\$5,771
Aluminum - AB - square			\$644.28	<b>\$744.48</b>	15.6%	3	-	\$0	\$1,933	\$1,933	3	-	\$0	\$2,233	\$2,233
Standard <= 16 ft.															
Fiberglass, AB			\$101.88	<b>\$117.72</b>	15.5%	108	-	\$0	\$11,003	\$11,003	108	-	\$0	\$12,714	\$12,714
Fiberglass, direct embedded			\$136.32	<b>\$157.56</b>	15.6%	69	-	\$0	\$9,406	\$9,406	69	-	\$0	\$10,872	\$10,872
<b>FOUNDATIONS</b>															
<u>Concrete - Cast-In-Place (CIP)</u>															
For AB standard > 16 ft.			\$342.48	<b>\$395.76</b>	15.6%	9	-	\$0	\$3,082	\$3,082	9	-	\$0	\$3,562	\$3,562
<u>Concrete - Pre-Cast (PC)</u>															
for AB standards			\$204.72	<b>\$236.52</b>	15.5%	5	-	\$0	\$1,024	\$1,024	5	-	\$0	\$1,183	\$1,183
<b>CIRCUITRY</b>															
<u>Underground Service</u>															
Cable and conduit, per foot			\$3.00	<b>\$3.48</b>	16.0%	1,732	-	\$0	\$5,196	\$5,196	1,732	-	\$0	\$6,027	\$6,027
Cable only, per foot			\$0.36	<b>\$0.36</b>	0.0%	772	-	\$0	\$278	\$278	772	-	\$0	\$278	\$278
Direct buried cable, per foot			\$1.92	<b>\$2.16</b>	12.5%	5,382	-	\$0	\$10,333	\$10,333	5,382	-	\$0	\$11,625	\$11,625
<b>Closed Offerings Annual Total:</b>							-	<b>\$0</b>	<b>\$47,249</b>	<b>\$47,249</b>	-	-	<b>\$0</b>	<b>\$54,265</b>	<b>\$54,265</b>

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates

## Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

Rate Year 1 T&D rate	0.11387
Rate Year 2* T&D rate	0.12897

Ratio LED% to HID %: 44.23%

Target Facility Price Increase:	15.56%
Target LED Price Increase:	6.88%

Description	Average Monthly kWh per Lamp	Billed Annual kWh per Lamp	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fest Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fest Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
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## Obsolete Offerings

## LAMP &amp; LUMINAIRE

Mercury Vapor

Floodlight, 400W	166	1,992	\$85.32	<b>\$98.64</b>	15.6%	30	59,760	\$6,805	\$2,560	\$9,364	30	59,760	\$7,707	\$2,959	\$10,666
Floodlight, 1000W	381	4,572	\$130.08	<b>\$150.36</b>	15.6%	7	32,004	\$3,644	\$911	\$4,555	7	32,004	\$4,128	\$1,053	\$5,180
Roadway, 175W	73	876	\$85.32	<b>\$98.64</b>	15.6%	1,003	878,628	\$100,049	\$85,576	\$185,625	1,003	878,628	\$113,317	\$98,936	\$212,253
Roadway, 400W	166	1,992	\$85.32	<b>\$98.64</b>	15.6%	673	1,340,616	\$152,656	\$57,420	\$210,076	673	1,340,616	\$172,899	\$66,385	\$239,284
Roadway, 1000W	381	4,572	\$183.72	<b>\$212.28</b>	15.5%	112	512,064	\$58,309	\$20,577	\$78,885	112	512,064	\$66,041	\$23,775	\$89,816

High Pressure Sodium

Coach, 70W	30	360	\$154.20	<b>\$178.20</b>	15.6%	12	4,320	\$492	\$1,850	\$2,342	12	4,320	\$557	\$2,138	\$2,696
Coach, 100W	41	492	\$154.20	<b>\$178.20</b>	15.6%	1	492	\$56	\$154	\$210	1	492	\$63	\$178	\$242
Coach, 150W	60	720	\$154.20	<b>\$178.20</b>	15.6%	17	12,240	\$1,394	\$2,621	\$4,015	17	12,240	\$1,579	\$3,029	\$4,608
Edison, 70W	30	360	\$154.20	<b>\$178.20</b>	15.6%	25	9,000	\$1,025	\$3,855	\$4,880	25	9,000	\$1,161	\$4,455	\$5,616
Edison, 100W	41	492	\$154.20	<b>\$178.20</b>	15.6%	90	44,280	\$5,042	\$13,878	\$18,920	90	44,280	\$5,711	\$16,038	\$21,749
Floodlight, 250W	106	1,272	\$101.88	<b>\$117.72</b>	15.5%	1,013	1,288,536	\$146,726	\$103,204	\$249,930	1,013	1,288,536	\$166,182	\$119,250	\$285,433
Floodlight, 400W	163	1,956	\$101.88	<b>\$117.72</b>	15.5%	1,345	2,630,820	\$299,571	\$137,029	\$436,600	1,345	2,630,820	\$339,297	\$158,333	\$497,630
Floodlight, 1000W	385	4,620	\$126.48	<b>\$146.16</b>	15.6%	176	813,120	\$92,590	\$22,260	\$114,850	176	813,120	\$104,868	\$25,724	\$130,592
Roadway, 70W	30	360	\$83.52	<b>\$96.48</b>	15.5%	386	138,960	\$15,823	\$32,239	\$48,062	386	138,960	\$17,922	\$37,241	\$55,163
Roadway, 100W	41	492	\$83.52	<b>\$96.48</b>	15.5%	1,425	701,100	\$79,834	\$119,016	\$198,850	1,425	701,100	\$90,421	\$137,484	\$227,905
Roadway, 150W	60	720	\$83.52	<b>\$96.48</b>	15.5%	1,365	982,800	\$111,911	\$114,005	\$225,916	1,365	982,800	\$126,752	\$131,695	\$258,447
Roadway, 250W	106	1,272	\$83.52	<b>\$96.48</b>	15.5%	1,148	1,460,256	\$166,279	\$95,881	\$262,160	1,148	1,460,256	\$188,329	\$110,759	\$299,088
Roadway, 400W	163	1,956	\$83.52	<b>\$96.48</b>	15.5%	1,210	2,366,760	\$269,503	\$101,059	\$370,562	1,210	2,366,760	\$305,241	\$116,741	\$421,982
Roadway, 1000W	385	4,620	\$175.68	<b>\$203.04</b>	15.6%	137	632,940	\$72,073	\$24,068	\$96,141	137	632,940	\$81,630	\$27,816	\$109,447
Shoebox, 400W	163	1,956	\$124.92	<b>\$144.36</b>	15.6%	7	13,692	\$1,559	\$874	\$2,434	7	13,692	\$1,766	\$1,011	\$2,776
Traditional, 70W	30	360	\$83.52	<b>\$96.48</b>	15.5%	6	2,160	\$246	\$501	\$747	6	2,160	\$279	\$579	\$857
Traditional, 100W	41	492	\$83.52	<b>\$96.48</b>	15.5%	26	12,792	\$1,457	\$2,172	\$3,628	26	12,792	\$1,650	\$2,508	\$4,158
Traditional, 150W	60	720	\$83.52	<b>\$96.48</b>	15.5%	2	1,440	\$164	\$167	\$331	2	1,440	\$186	\$193	\$379

Metal Halide

LL Flood MH 400W	157	1,884	\$117.36	<b>\$135.60</b>	15.5%	28	52,752	\$6,007	\$3,286	\$9,293	28	52,752	\$6,803	\$3,797	\$10,600
Floodlight, 400W	157	1,884	\$117.36	<b>\$135.60</b>	15.5%	707	1,331,988	\$151,673	\$82,974	\$234,647	707	1,331,988	\$171,786	\$95,869	\$267,656
Shoebox, 400W	157	1,884	\$117.36	<b>\$135.60</b>	15.5%	3	5,652	\$644	\$352	\$996	3	5,652	\$729	\$407	\$1,136

## FOUNDATIONS

Mechanical - Screw Type

for AB standards

\$153.84	<b>\$177.72</b>	15.5%	114	-	\$0	\$17,538	\$17,538	114	-	\$0	\$20,260	\$20,260
<b>Obsolete Offerings Annual Total:</b>				<b>15,329,172</b>	<b>\$1,745,533</b>	<b>\$1,046,027</b>	<b>\$2,791,560</b>		<b>15,329,172</b>	<b>\$1,977,003</b>	<b>\$1,208,615</b>	<b>\$3,185,618</b>

S.C. 1 Annual Grand Total: 16,813,452 \$1,914,548 \$2,059,105 \$3,973,653

16,813,452	<b>\$2,168,431</b>	<b>\$2,345,938</b>	<b>\$4,514,369</b>
TARGET	\$2,168,430	\$2,346,541	\$4,514,972
PROPOSED MINUS TARGET	\$1	-\$603	-\$603

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 1 T&D rate	0.11387
Rate Year 2* T&D rate	0.12897

Ratio LED% to HID %: 44.23%

Target Facility Price Increase:	15.56%
Target LED Price Increase:	6.88%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fcst Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fcst Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
<b>Standard Offerings</b>															
<b>LAMP &amp; LUMINAIRE</b>															
<b>LED</b>															
LL Arbordale LED-C	53	347.50	\$89.04	<b>\$95.16</b>	6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Arbordale LED-D	91	347.50	\$73.68	<b>\$78.72</b>	6.8%	3	1,138	\$130	\$221	\$351	3	1,138	\$147	\$236	\$383
LL Arbordale LED-E	132	347.50	\$95.40	<b>\$102.00</b>	6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Arbordale LED-F	177	347.50	\$123.72	<b>\$132.24</b>	6.9%	24	17,714	\$2,017	\$2,969	\$4,986	24	17,714	\$2,285	\$3,174	\$5,458
LL Carriage LED-B	35	347.50	\$76.92	<b>\$82.20</b>	6.9%	908	132,523	\$15,090	\$69,843	\$84,934	908	132,523	\$17,091	\$74,638	\$91,729
LL Carriage LED-C	66	347.50	\$71.76	<b>\$76.68</b>	6.9%	2,673	735,663	\$83,770	\$191,814	\$275,584	2,673	735,663	\$94,878	\$204,966	\$299,844
LL Floodlight LED-E	151	347.50	\$92.64	<b>\$99.00</b>	6.9%	21	13,223	\$1,506	\$1,945	\$3,451	21	13,223	\$1,705	\$2,079	\$3,784
LL Floodlight LED-F	200	347.50	\$100.68	<b>\$107.64</b>	6.9%	22	18,348	\$2,089	\$2,215	\$4,304	22	18,348	\$2,366	\$2,368	\$4,734
LL Highland Pk LED-B	30	347.50	\$109.20	<b>\$116.76</b>	6.9%	163	20,391	\$2,322	\$17,800	\$20,122	163	20,391	\$2,630	\$19,032	\$21,662
LL Highland Pk LED-C	65	347.50	\$117.60	<b>\$125.64</b>	6.8%	122	33,068	\$3,765	\$14,347	\$18,113	122	33,068	\$4,265	\$15,328	\$19,593
LL Oxford LED-B	30	347.50	\$86.40	<b>\$92.40</b>	6.9%	111	13,886	\$1,581	\$9,590	\$11,172	111	13,886	\$1,791	\$10,256	\$12,047
LL Oxford LED-C	57	347.50	\$106.32	<b>\$113.64</b>	6.9%	251	59,660	\$6,794	\$26,686	\$33,480	251	59,660	\$7,694	\$28,524	\$36,218
LL Princeton LED-B	30	347.50	\$94.20	<b>\$100.68</b>	6.9%	2	250	\$28	\$188	\$217	2	250	\$32	\$201	\$234
LL Princeton LED-C	65	347.50	\$96.12	<b>\$102.72</b>	6.9%	64	17,347	\$1,975	\$6,152	\$8,127	64	17,347	\$2,237	\$6,574	\$8,811
LL Roadway LED-B	25	347.50	\$95.88	<b>\$102.48</b>	6.9%	32,646	3,403,346	\$387,539	\$3,130,098	\$3,517,637	32,646	3,403,346	\$438,929	\$3,345,562	\$3,784,492
24 HR - LL Roadway LED-B	25	730.00	\$201.36	<b>\$215.16</b>	6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-C	48	347.50	\$101.40	<b>\$108.36</b>	6.9%	20,033	4,009,805	\$456,597	\$2,031,346	\$2,487,943	20,033	4,009,805	\$517,145	\$2,170,776	\$2,687,920
24 HR - LL Roadway LED-C	48	730.00	\$212.88	<b>\$227.52</b>	6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-D	96	347.50	\$126.12	<b>\$134.76</b>	6.9%	8,288	3,317,852	\$377,804	\$1,045,283	\$1,423,086	8,288	3,317,852	\$427,903	\$1,116,891	\$1,544,794
24 HR - LL Roadway LED-D	96	730.00	\$264.72	<b>\$282.96</b>	6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-F	210	347.50	\$136.32	<b>\$145.68</b>	6.9%	1,025	897,593	\$102,209	\$139,728	\$241,937	1,025	897,593	\$115,763	\$149,322	\$265,085
24 HR - LL Roadway LED-F	210	730.00	\$286.32	<b>\$306.00</b>	6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Underpass LED-B	36	347.50	\$81.12	<b>\$86.76</b>	7.0%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
24 HR - LL Underpass LED-B	36	730.00	\$111.24	<b>\$118.92</b>	6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Underpass LED-C	52	347.50	\$81.12	<b>\$86.76</b>	7.0%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
24 HR - LL Underpass LED-C	52	730.00	\$111.24	<b>\$118.92</b>	6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Westminster LED-D	84	347.50	\$286.56	<b>\$306.24</b>	6.9%	9	3,153	\$359	\$2,579	\$2,938	9	3,153	\$407	\$2,756	\$3,163
LL Westminster LED-E	141	347.50	\$376.44	<b>\$402.36</b>	6.9%	41	24,107	\$2,745	\$15,434	\$18,179	41	24,107	\$3,109	\$16,497	\$19,606
LL Westminster LED-F	243	347.50	\$418.08	<b>\$446.88</b>	6.9%	39	39,519	\$4,500	\$16,305	\$20,805	39	39,519	\$5,097	\$17,428	\$22,525
LL Westmin Ped LED-B	28	347.50	\$215.16	<b>\$229.92</b>	6.9%	1	117	\$13	\$215	\$228	1	117	\$15	\$230	\$245
LL Westmin Ped LED-C	52	347.50	\$281.04	<b>\$300.36</b>	6.9%	5	1,084	\$123	\$1,405	\$1,529	5	1,084	\$140	\$1,502	\$1,642
<b>LED Lamp &amp; Luminaire Annual Total:</b>							<b>12,759,787</b>	<b>\$1,452,957</b>	<b>\$6,726,166</b>	<b>\$8,179,123</b>		<b>12,759,787</b>	<b>\$1,645,630</b>	<b>\$7,188,339</b>	<b>\$8,833,969</b>

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 1 T&D rate	0.11387
Rate Year 2* T&D rate	0.12897

Ratio LED% to HID %: 44.23%

Target Facility Price Increase:	15.56%
Target LED Price Increase:	6.88%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fcst Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fcst Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
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### Standard Offerings (continued)

#### ENERGY ONLY

24-HR Energy Only Charge	1	730.00	\$0.00	<b>\$0.00</b>	0.0%	104,174	912,564	\$103,914	\$0	\$103,914	104,174	912,564	\$117,693	\$0	\$117,693
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#### POLES/STANDARDS

##### Standard/Pole > 16 ft - OH Service

Concrete , DE - Metropolitan			\$359.52	<b>\$415.44</b>	15.6%	8	-	\$0	\$2,876	\$2,876	8	-	\$0	\$3,324	\$3,324
WoodPole OH <= 1SP			\$0.00	<b>\$0.00</b>	0.0%	3,605	-	\$0	\$0	\$0	3,605	-	\$0	\$0	\$0
WoodPole			\$0.00	<b>\$0.00</b>	0.0%	592	-	\$0	\$0	\$0	592	-	\$0	\$0	\$0

#### POLES/STANDARDS

##### Standard > 16 ft

##### for UG or URD Service

Aluminum, anchor base			\$340.32	<b>\$393.24</b>	15.6%	937	-	\$0	\$318,880	\$318,880	937	-	\$0	\$368,466	\$368,466
Aluminum, anchor base, heavy duty			\$340.32	<b>\$393.24</b>	15.6%	3	-	\$0	\$1,021	\$1,021	3	-	\$0	\$1,180	\$1,180
Aluminum, anchor base, square			\$680.04	<b>\$785.88</b>	15.6%	132	-	\$0	\$89,765	\$89,765	132	-	\$0	\$103,736	\$103,736
Fiberglass, anchor base			\$229.68	<b>\$265.44</b>	15.6%	134	-	\$0	\$30,777	\$30,777	134	-	\$0	\$35,569	\$35,569

##### Standard <= 16 ft

##### for UG or URD Service

Aluminum, anchor base, Villager			\$148.80	<b>\$171.96</b>	15.6%	547	-	\$0	\$81,394	\$81,394	547	-	\$0	\$94,062	\$94,062
Fiberglass, anchor base			\$89.16	<b>\$103.08</b>	15.6%	452	-	\$0	\$40,300	\$40,300	452	-	\$0	\$46,592	\$46,592
Fiberglass, direct embedded			\$122.88	<b>\$141.96</b>	15.5%	3,941	-	\$0	\$484,270	\$484,270	3,941	-	\$0	\$559,464	\$559,464

##### Decorative Standard

##### > 16 ft, for UG Service

Alum. AB Niagara Rdwy (no base)			\$862.08	<b>\$996.24</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
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##### Decorative Standard

##### <= 16 ft, for UG or URD Service

Aluminum, AB, Armory Square			\$446.04	<b>\$515.40</b>	15.6%	140	-	\$0	\$62,446	\$62,446	140	-	\$0	\$72,156	\$72,156
Fiberglass, AB, Presidential			\$208.20	<b>\$240.60</b>	15.6%	552	-	\$0	\$114,926	\$114,926	552	-	\$0	\$132,811	\$132,811

##### Accessory

Tenon mounting adaptor			\$57.72	<b>\$66.72</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
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#### ARMS AND BRACKETS

##### Arm for Standard > 16ft

corative, Niagara Pedestrian, single			\$251.40	<b>\$290.52</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
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##### Arm for Standard <= 16ft

Dcr. crossarm, double, ornamental			\$136.32	<b>\$157.56</b>	15.6%	33	-	\$0	\$4,499	\$4,499	33	-	\$0	\$5,199	\$5,199
Dcr. crossarm, double, ornamental			\$136.32	<b>\$157.56</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
cr. crossarm, double, contemporary			\$136.32	<b>\$157.56</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0

##### Bracket for Wood Pole

decorative, Park Ave South, single			\$140.16	<b>\$162.00</b>	15.6%	44	-	\$0	\$6,167	\$6,167	44	-	\$0	\$7,128	\$7,128
décor., Metropolitan, all types/sizes			\$93.48	<b>\$108.00</b>	15.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0

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NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 1 T&D rate	0.11387
Rate Year 2* T&D rate	0.12897

Ratio LED% to HID %: 44.23%

Target Facility Price Increase:	15.56%
Target LED Price Increase:	6.88%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fcst Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fcst Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
<b>Standard Offerings (continued)</b>															
<b>BASES</b>															
Decorative Niagara Base			\$383.40	<b>\$443.04</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Decorative Metropolitan Base			\$201.36	<b>\$232.68</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>FOUNDATIONS</b>															
<u>Concrete - Cast-In-Place - for:</u>															
AB SD > 16 ft			\$286.68	<b>\$331.32</b>	15.6%	7,436	-	\$0	\$2,131,752	\$2,131,752	7,436	-	\$0	\$2,463,696	\$2,463,696
AB SD > 16 ft, heavy duty			\$286.68	<b>\$331.32</b>	15.6%	5	-	\$0	\$1,433	\$1,433	5	-	\$0	\$1,657	\$1,657
AB SD <= 16 ft			\$286.68	<b>\$331.32</b>	15.6%	1,770	-	\$0	\$507,424	\$507,424	1,770	-	\$0	\$586,436	\$586,436
AB SD > 16 ft, extra heavy duty			\$286.68	<b>\$331.32</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
FD Conc Foundation			\$286.68	<b>\$331.32</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Concrete - Pre-Cast</u>															
for anchor base standard > 16 ft			\$286.68	<b>\$331.32</b>	15.6%	151	-	\$0	\$43,289	\$43,289	151	-	\$0	\$50,029	\$50,029
for anchor base standard <= 16 ft			\$286.68	<b>\$331.32</b>	15.6%	290	-	\$0	\$83,137	\$83,137	290	-	\$0	\$96,083	\$96,083
<b>CIRCUITRY</b>															
<u>UG Service</u>															
cable and conduit			\$157.20	<b>\$181.68</b>	15.6%	13,260	-	\$0	\$2,084,472	\$2,084,472	13,260	-	\$0	\$2,409,077	\$2,409,077
cable only			\$157.20	<b>\$181.68</b>	15.6%	9,031	-	\$0	\$1,419,673	\$1,419,673	9,031	-	\$0	\$1,640,752	\$1,640,752
direct buried cable			\$157.20	<b>\$181.68</b>	15.6%	1,764	-	\$0	\$277,301	\$277,301	1,764	-	\$0	\$320,484	\$320,484
CR UG Circuit sect			\$157.20	<b>\$181.68</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>URD Service</u>															
direct buried cable			\$117.12	<b>\$135.36</b>	15.6%	6,757	-	\$0	\$791,380	\$791,380	6,757	-	\$0	\$914,628	\$914,628
CR URD Circuit sect			\$117.12	<b>\$135.36</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>CONVENIENCE OUTLETS</b>															
On New Metal/Composite Stnd			\$71.16	<b>\$82.20</b>	15.5%	264	-	\$0	\$18,786	\$18,786	264	-	\$0	\$21,701	\$21,701
On Existing Metal/Composite Stnd			\$71.16	<b>\$82.20</b>	15.5%	175	-	\$0	\$12,453	\$12,453	175	-	\$0	\$14,385	\$14,385
Power Tap			\$70.44	<b>\$81.36</b>	15.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>Standard Offering Annual Total:</b>							<b>13,672,351</b>	<b>\$1,556,871</b>	<b>\$15,334,587</b>	<b>\$16,891,458</b>		<b>13,672,351</b>	<b>\$1,763,323</b>	<b>\$17,136,953</b>	<b>\$18,900,277</b>

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**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates**  
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**Closed Offerings**

<b>LAMP &amp; LUMINAIRE</b>															
HPS 1000W High-Mast (6 unit)	6636	347.50	\$1,350.12	<b>\$1,560.24</b>	15.6%	1	27,672	\$3,151	\$1,350	\$4,501	1	27,672	\$3,569	\$1,560	\$5,129

<b>LAMPS</b>															
<u>High Pressure Sodium</u>															
70W	86	347.50	\$10.68	<b>\$12.36</b>	15.7%	8,826	3,165,180	\$360,419	\$94,262	\$454,681	8,826	3,165,180	\$408,213	\$109,089	\$517,303
24 HR - 70W	86	730.00	\$21.36	<b>\$24.72</b>	15.7%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
100W	118	347.50	\$10.68	<b>\$12.36</b>	15.7%	13,922	6,850,459	\$780,062	\$148,687	\$928,749	13,922	6,850,459	\$883,504	\$172,076	\$1,055,580
24 HR - 100W	118	730.00	\$21.36	<b>\$24.72</b>	15.7%	8	8,269	\$942	\$171	\$1,113	8	8,269	\$1,067	\$198	\$1,264
150W	173	347.50	\$10.68	<b>\$12.36</b>	15.7%	18,465	13,320,836	\$1,516,844	\$197,206	\$1,714,050	18,465	13,320,836	\$1,717,988	\$228,227	\$1,946,216
24 HR - 150W	173	730.00	\$21.36	<b>\$24.72</b>	15.7%	51	77,289	\$8,801	\$1,089	\$9,890	51	77,289	\$9,968	\$1,261	\$11,229
250W	304	347.50	\$10.68	<b>\$12.36</b>	15.7%	7,457	9,453,090	\$1,076,423	\$79,641	\$1,156,064	7,457	9,453,090	\$1,219,165	\$92,169	\$1,311,334
24 HR - 250W	304	730.00	\$21.36	<b>\$24.72</b>	15.7%	81	215,706	\$24,562	\$1,730	\$26,293	81	215,706	\$27,820	\$2,002	\$29,822
400W	470	347.50	\$10.68	<b>\$12.36</b>	15.7%	1,767	3,463,143	\$394,348	\$18,872	\$413,220	1,767	3,463,143	\$446,642	\$21,840	\$468,482
24 HR - 400W	470	730.00	\$21.36	<b>\$24.72</b>	15.7%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
1000W	1106	347.50	\$21.60	<b>\$24.96</b>	15.6%	5	23,060	\$2,626	\$108	\$2,734	5	23,060	\$2,974	\$125	\$3,099
<u>Metal Halide</u>															
175W	207	347.50	\$73.80	<b>\$85.32</b>	15.6%	1,451	1,252,489	\$142,621	\$107,084	\$249,705	1,451	1,252,489	\$161,533	\$123,799	\$285,333
250W	295	347.50	\$73.80	<b>\$85.32</b>	15.6%	261	321,069	\$36,560	\$19,262	\$55,822	261	321,069	\$41,408	\$22,269	\$63,677
400W	451	347.50	\$73.80	<b>\$85.32</b>	15.6%	558	1,049,414	\$119,497	\$41,180	\$160,677	558	1,049,414	\$135,343	\$47,609	\$182,951
1000W	1078	347.50	\$73.80	<b>\$85.32</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0

<b>LUMINAIRES</b>															
Aspen Grove 70			\$133.80	<b>\$154.56</b>	15.5%	90	-	\$0	\$12,042	\$12,042	90	-	\$0	\$13,910	\$13,910
Aspen Grove 100			\$133.80	<b>\$154.56</b>	15.5%	1,220	-	\$0	\$163,236	\$163,236	1,220	-	\$0	\$188,563	\$188,563
Aspen Grove 150			\$133.80	<b>\$154.56</b>	15.5%	1,667	-	\$0	\$223,045	\$223,045	1,667	-	\$0	\$257,652	\$257,652
Aspen Grove 175			\$133.80	<b>\$154.56</b>	15.5%	204	-	\$0	\$27,295	\$27,295	204	-	\$0	\$31,530	\$31,530
Central Park 100			\$163.44	<b>\$188.88</b>	15.6%	651	-	\$0	\$106,399	\$106,399	651	-	\$0	\$122,961	\$122,961
Central Park 175			\$163.44	<b>\$188.88</b>	15.6%	750	-	\$0	\$122,580	\$122,580	750	-	\$0	\$141,660	\$141,660
Coach 70			\$97.20	<b>\$112.32</b>	15.6%	285	-	\$0	\$27,702	\$27,702	285	-	\$0	\$32,011	\$32,011
Coach 100			\$97.20	<b>\$112.32</b>	15.6%	783	-	\$0	\$76,108	\$76,108	783	-	\$0	\$87,947	\$87,947
Coach 150			\$97.20	<b>\$112.32</b>	15.6%	79	-	\$0	\$7,679	\$7,679	79	-	\$0	\$8,873	\$8,873
Coach 175			\$97.20	<b>\$112.32</b>	15.6%	16	-	\$0	\$1,555	\$1,555	16	-	\$0	\$1,797	\$1,797
Delaware Park 150			\$264.96	<b>\$306.24</b>	15.6%	22	-	\$0	\$5,829	\$5,829	22	-	\$0	\$6,737	\$6,737
Delaware Park 175			\$264.96	<b>\$306.24</b>	15.6%	206	-	\$0	\$54,582	\$54,582	206	-	\$0	\$63,085	\$63,085
Delaware Park 250			\$327.36	<b>\$378.24</b>	15.5%	765	-	\$0	\$250,430	\$250,430	765	-	\$0	\$289,354	\$289,354
Delaware Park 400			\$327.36	<b>\$378.24</b>	15.5%	586	-	\$0	\$191,833	\$191,833	586	-	\$0	\$221,649	\$221,649
Delaware Park Pedestrian 100			\$224.28	<b>\$259.20</b>	15.6%	62	-	\$0	\$13,905	\$13,905	62	-	\$0	\$16,070	\$16,070
Delaware Park Pedestrian 175			\$224.28	<b>\$259.20</b>	15.6%	10	-	\$0	\$2,243	\$2,243	10	-	\$0	\$2,592	\$2,592
Edgewater 100			\$179.04	<b>\$206.88</b>	15.5%	73	-	\$0	\$13,070	\$13,070	73	-	\$0	\$15,102	\$15,102
Edgewater 150			\$179.04	<b>\$206.88</b>	15.5%	439	-	\$0	\$78,599	\$78,599	439	-	\$0	\$90,820	\$90,820
Edgewater 175			\$179.04	<b>\$206.88</b>	15.5%	134	-	\$0	\$23,991	\$23,991	134	-	\$0	\$27,722	\$27,722
Edison 70			\$104.88	<b>\$121.20</b>	15.6%	23	-	\$0	\$2,412	\$2,412	23	-	\$0	\$2,788	\$2,788
Edison 100			\$104.88	<b>\$121.20</b>	15.6%	337	-	\$0	\$35,345	\$35,345	337	-	\$0	\$40,844	\$40,844
Edison 150			\$104.88	<b>\$121.20</b>	15.6%	5	-	\$0	\$524	\$524	5	-	\$0	\$606	\$606

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 1 T&D rate	0.11387
Rate Year 2* T&D rate	0.12897

Ratio LED% to HID %: 44.23%

Target Facility Price Increase:	15.56%
Target LED Price Increase:	6.88%

	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fcst Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fcst Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
Closed Offerings (continued)															
LUMINAIRES (continued)															
Floodlight 250			\$80.40	\$92.88	15.5%	171	-	\$0	\$13,748	\$13,748	171	-	\$0	\$15,882	\$15,882
Floodlight 400			\$80.40	\$92.88	15.5%	184	-	\$0	\$14,794	\$14,794	184	-	\$0	\$17,090	\$17,090
Little Falls - Post Top, 70			\$168.00	\$194.16	15.6%	79	-	\$0	\$13,272	\$13,272	79	-	\$0	\$15,339	\$15,339
Little Falls - Teardrop, 70			\$206.16	\$238.20	15.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Roadway 70			\$74.16	\$85.68	15.5%	7,827	-	\$0	\$580,450	\$580,450	7,827	-	\$0	\$670,617	\$670,617
Roadway 100			\$74.16	\$85.68	15.5%	9,230	-	\$0	\$684,497	\$684,497	9,230	-	\$0	\$790,826	\$790,826
Roadway 150			\$74.16	\$85.68	15.5%	16,024	-	\$0	\$1,188,340	\$1,188,340	16,024	-	\$0	\$1,372,936	\$1,372,936
Roadway 175			\$74.16	\$85.68	15.5%	312	-	\$0	\$23,138	\$23,138	312	-	\$0	\$26,732	\$26,732
Roadway 250			\$74.16	\$85.68	15.5%	6,671	-	\$0	\$494,721	\$494,721	6,671	-	\$0	\$571,571	\$571,571
Roadway 400			\$74.16	\$85.68	15.5%	1,603	-	\$0	\$118,878	\$118,878	1,603	-	\$0	\$137,345	\$137,345
Roadway, 1000			\$167.76	\$193.92	15.6%	7	-	\$0	\$1,174	\$1,174	7	-	\$0	\$1,357	\$1,357
Shoebox 100			\$88.32	\$102.12	15.6%	4	-	\$0	\$353	\$353	4	-	\$0	\$408	\$408
Shoebox 150			\$88.32	\$102.12	15.6%	83	-	\$0	\$7,331	\$7,331	83	-	\$0	\$8,476	\$8,476
Shoebox 250			\$88.32	\$102.12	15.6%	121	-	\$0	\$10,687	\$10,687	121	-	\$0	\$12,357	\$12,357
Shoebox 400			\$88.32	\$102.12	15.6%	58	-	\$0	\$5,123	\$5,123	58	-	\$0	\$5,923	\$5,923
Shoebox, 1000			\$200.76	\$231.96	15.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Traditional 70			\$65.52	\$75.72	15.6%	452	-	\$0	\$29,615	\$29,615	452	-	\$0	\$34,225	\$34,225
Traditional 100			\$65.52	\$75.72	15.6%	1,454	-	\$0	\$95,266	\$95,266	1,454	-	\$0	\$110,097	\$110,097
Traditional 150			\$65.52	\$75.72	15.6%	53	-	\$0	\$3,473	\$3,473	53	-	\$0	\$4,013	\$4,013
Traditional 175			\$65.52	\$75.72	15.6%	48	-	\$0	\$3,145	\$3,145	48	-	\$0	\$3,635	\$3,635
Underpass 100			\$109.20	\$126.24	15.6%	170	-	\$0	\$18,564	\$18,564	170	-	\$0	\$21,461	\$21,461
Underpass 150			\$109.20	\$126.24	15.6%	120	-	\$0	\$13,104	\$13,104	120	-	\$0	\$15,149	\$15,149
Underpass 250			\$109.20	\$126.24	15.6%	64	-	\$0	\$6,989	\$6,989	64	-	\$0	\$8,079	\$8,079
Washington (Armory Square) 100			\$177.96	\$205.68	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Williamsville 70			\$153.60	\$177.48	15.5%	114	-	\$0	\$17,510	\$17,510	114	-	\$0	\$20,233	\$20,233
Williamsville 100			\$153.60	\$177.48	15.5%	44	-	\$0	\$6,758	\$6,758	44	-	\$0	\$7,809	\$7,809
Williamsville 150			\$153.60	\$177.48	15.5%	8	-	\$0	\$1,229	\$1,229	8	-	\$0	\$1,420	\$1,420
Williamsville 175			\$153.60	\$177.48	15.5%	114	-	\$0	\$17,510	\$17,510	114	-	\$0	\$20,233	\$20,233
POLES/STANDARDS															
Standard <= 16 ft															
for UG or URD Service															
aluminum, anchor base (square)			\$186.36	\$215.40	15.6%	35	-	\$0	\$6,523	\$6,523	35	-	\$0	\$7,539	\$7,539
Decorative Standard															
<= 16 ft, for UG or URD Service															
aluminum, AB, Little Falls			\$263.04	\$303.96	15.6%	17	-	\$0	\$4,472	\$4,472	17	-	\$0	\$5,167	\$5,167
ARMS AND BRACKETS															
Arm for Standard <= 16ft															
Dcr. (cane/scroll), alum., Little Falls			\$146.88	\$169.68	15.5%	8	-	\$0	\$1,175	\$1,175	8	-	\$0	\$1,357	\$1,357
Closed Offering Annual Total:							39,227,677	\$4,466,856	\$5,532,885	\$9,999,740		39,227,677	\$5,059,194	\$6,393,776	\$11,452,969

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 1 T&D rate	0.11387
Rate Year 2* T&D rate	0.12897

Ratio LED% to HID %: 44.23%

Target Facility Price Increase:	15.56%
Target LED Price Increase:	6.88%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fcst Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fcst Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
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**Obsolete Offerings**

<b>LAMP &amp; LUMINAIRE</b>															
Incandescent < 2500 lumen, Std	202	347.50	\$128.88	<b>\$148.92</b>	15.5%	1	842	\$96	\$129	\$225	1	842	\$109	\$149	\$258
Incandescent 4000 lumen, Enclosed	327	347.50	\$132.84	<b>\$153.48</b>	15.5%	3	4,091	\$466	\$399	\$864	3	4,091	\$528	\$460	\$988

<b>LAMPS</b>															
<u>Mercury Vapor</u>															
100W	130	347.50	\$9.12	<b>\$10.56</b>	15.8%	116	62,884	\$7,161	\$1,058	\$8,218	116	62,884	\$8,110	\$1,225	\$9,335
175W	211	347.50	\$9.12	<b>\$10.56</b>	15.8%	388	341,390	\$38,874	\$3,539	\$42,413	388	341,390	\$44,029	\$4,097	\$48,126
400W	477	347.50	\$9.12	<b>\$10.56</b>	15.8%	91	181,007	\$20,611	\$830	\$21,441	91	181,007	\$23,344	\$961	\$24,305
1000W	1095	347.50	\$17.16	<b>\$19.80</b>	15.4%	2	9,132	\$1,040	\$34	\$1,074	2	9,132	\$1,178	\$40	\$1,217

<b>LUMINAIRES</b>															
Contemporary 70			\$103.08	<b>\$119.16</b>	15.6%	16	-	\$0	\$1,649	\$1,649	16	-	\$0	\$1,907	\$1,907
Contemporary 100			\$103.08	<b>\$119.16</b>	15.6%	49	-	\$0	\$5,051	\$5,051	49	-	\$0	\$5,839	\$5,839
Contemporary 175			\$103.08	<b>\$119.16</b>	15.6%	10	-	\$0	\$1,031	\$1,031	10	-	\$0	\$1,192	\$1,192

<b>POLES/STANDARDS</b>															
<u>Standard/Pole &gt; 16 ft - OH Service</u>															
Steel, anchor base			\$237.24	<b>\$274.20</b>	15.6%	350	-	\$0	\$83,034	\$83,034	350	-	\$0	\$95,970	\$95,970
aluminum, anchor base			\$237.24	<b>\$274.20</b>	15.6%	84	-	\$0	\$19,928	\$19,928	84	-	\$0	\$23,033	\$23,033
<u>Standard &gt; 16 ft</u>															
<u>for UG or URD Service</u>															
steel, anchor base (50 ft round)			\$430.68	<b>\$497.64</b>	15.5%	8	-	\$0	\$3,445	\$3,445	8	-	\$0	\$3,981	\$3,981
steel, anchor base (35 ft square)			\$244.20	<b>\$282.24</b>	15.6%	4	-	\$0	\$977	\$977	4	-	\$0	\$1,129	\$1,129
steel, anchor base			\$340.32	<b>\$393.24</b>	15.6%	931	-	\$0	\$316,838	\$316,838	931	-	\$0	\$366,106	\$366,106
steel, anchor base, heavy duty			\$340.32	<b>\$393.24</b>	15.6%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Standard &lt;= 16 ft</u>															
<u>for UG or URD Service</u>															
steel, anchor base			\$148.80	<b>\$171.96</b>	15.6%	1,091	-	\$0	\$162,341	\$162,341	1,091	-	\$0	\$187,608	\$187,608
steel, direct embedded			\$175.44	<b>\$202.68</b>	15.5%	756	-	\$0	\$132,633	\$132,633	756	-	\$0	\$153,226	\$153,226
<u>Decorative Standard</u>															
<u>&lt;= 16 ft, for UG or URD Service</u>															
cast iron, AB, Armory Square			\$495.84	<b>\$573.00</b>	15.6%	29	-	\$0	\$14,379	\$14,379	29	-	\$0	\$16,617	\$16,617
Fiberglass, DE, Presidential			\$305.88	<b>\$353.52</b>	15.6%	104	-	\$0	\$31,812	\$31,812	104	-	\$0	\$36,766	\$36,766

<b>FOUNDATIONS</b>															
<u>Mechanical - Screw Type</u>															
for AB standards, all applications			\$146.40	<b>\$169.20</b>	15.6%	6,404	-	\$0	\$937,546	\$937,546	6,404	-	\$0	\$1,083,557	\$1,083,557

CONVENIENCE OUTLETS														
Festoon Outlet - Old	\$7.20	\$8.28	15.0%	27	-	\$0	\$194	\$194	27	-	\$0	\$224	\$224	
On Any Wood Pole	\$71.16	\$82.20	15.5%	981	-	\$0	\$69,808	\$69,808	981	-	\$0	\$80,638	\$80,638	
Obsolete Offering Annual Total:					599,346	\$68,248	\$1,786,654	\$1,854,901	0	599,346	\$77,298	\$2,064,725	\$2,142,022	

<b>S.C. 2 Annual Grand Total:</b>	<b>53,499,374</b>	<b>\$6,091,974</b>	<b>\$22,654,126</b>	<b>\$28,746,100</b>									<b>53,499,374</b>	<b>\$6,899,814</b>	<b>\$25,595,454</b>	<b>\$32,495,268</b>
													<b>TARGET</b>	<b>\$6,899,812</b>	<b>\$25,595,197</b>	<b>\$32,495,009</b>
													<b>PROPOSED MINUS TARGET</b>	<b>\$2</b>	<b>\$257</b>	<b>\$259</b>

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates

## Service Classification No. 2 - Street Lighting (Company Owned and Maintained) - FACILITIES WITH PRICE EXCEPTIONS

Rate Year 1 T&D rate		0.11387															Average Increase:				18.52%														
Rate Year 2* T&D rate		0.12897																																	
Customer	Billed		Avg Mo	Rate Year 1	Rate Year 1	Discount	Rate Year 2*	Percent	RY1	Rate Year 1	Rate Year 1	Rate Year 1	Rate Year 1	Rate Year 1	RY2	Rate Year 2*	Rate Year 2*	Rate Year 2*	Rate Year 2*																
	Watts	per																		Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility	Facility
	Lamp	Burn																		Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price	Price
Billcode Description		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)																	
AMHERST CENTRAL SCHOOL DIST																																			
FD Concrete >16'				\$286.68	\$149.04	-48.0%	\$176.52	18.4%	4	-	\$0	\$596	\$596	4	-	\$0	\$706	\$706																	
CR UG Cable & Cndt				\$157.20	\$122.76	-21.9%	\$129.60	5.6%	4	-	\$0	\$491	\$491	4	-	\$0	\$518	\$518																	
Subtotal:										-	\$0	\$1,087	\$1,087	Subtotal:	-	\$0	\$1,224	\$1,224																	
CITY OF BUFFALO																																			
FD Concrete >16'				\$286.68	\$129.36	-54.9%	\$160.80	24.3%	234	-	\$0	\$30,270	\$30,270	234	-	\$0	\$37,627	\$37,627																	
CR UG Cable & Cndt				\$157.20	\$91.80	-41.6%	\$104.88	14.2%	234	-	\$0	\$21,481	\$21,481	234	-	\$0	\$24,542	\$24,542																	
FD Concrete =<16'				\$286.68	\$128.64	-55.1%	\$160.20	24.5%	1	-	\$0	\$129	\$129	1	-	\$0	\$160	\$160																	
CR UG Cable & Cndt				\$157.20	\$112.08	-28.7%	\$121.08	8.0%	1	-	\$0	\$112	\$112	1	-	\$0	\$121	\$121																	
FD Concrete >16'				\$286.68	\$142.44	-50.3%	\$171.24	20.2%	38	-	\$0	\$5,413	\$5,413	38	-	\$0	\$6,507	\$6,507																	
CR UG Cable & Cndt				\$157.20	\$112.20	-28.6%	\$121.20	8.0%	38	-	\$0	\$4,264	\$4,264	38	-	\$0	\$4,606	\$4,606																	
CR UG Cable & Cndt				\$157.20	\$85.68	-45.5%	\$99.96	16.7%	1,201	-	\$0	\$102,902	\$102,902	1,201	-	\$0	\$120,052	\$120,052																	
CR UG Cable & Cndt				\$157.20	\$115.44	-26.6%	\$123.84	7.3%	155	-	\$0	\$17,893	\$17,893	155	-	\$0	\$19,195	\$19,195																	
FD Concrete =<16'				\$286.68	\$125.04	-56.4%	\$157.32	25.8%	11	-	\$0	\$1,375	\$1,375	11	-	\$0	\$1,731	\$1,731																	
FD Concrete >16'				\$286.68	\$138.48	-51.7%	\$168.12	21.4%	606	-	\$0	\$83,919	\$83,919	606	-	\$0	\$101,881	\$101,881																	
FD Concrete >16'				\$286.68	\$135.36	-52.8%	\$165.60	22.3%	455	-	\$0	\$61,589	\$61,589	455	-	\$0	\$75,348	\$75,348																	
FD Concrete =<16'				\$286.68	\$116.88	-59.2%	\$150.84	29.1%	7	-	\$0	\$818	\$818	7	-	\$0	\$1,056	\$1,056																	
CR UG Cable & Cndt				\$157.20	\$79.80	-49.2%	\$95.28	19.4%	7	-	\$0	\$559	\$559	7	-	\$0	\$667	\$667																	
CR UG Cable & Cndt				\$157.20	\$85.68	-45.5%	\$99.96	16.7%	9	-	\$0	\$771	\$771	9	-	\$0	\$900	\$900																	
Subtotal:										-	\$0	\$331,494	\$331,494	Subtotal:	-	\$0	\$394,392	\$394,392																	
CITY OF SCHENECTADY																																			
LL Enclosed IN <2500				202	347.50	\$128.88	\$73.92	-42.6%	\$84.96	14.9%	24	20,217	\$2,302	\$1,774	\$4,076	24	20,217	\$2,607	\$2,039	\$4,646															
SD Steel =<16' AB PT						\$148.80	\$70.32	-52.7%	\$86.04	22.4%	24	-	\$0	\$1,688	\$1,688	24	-	\$0	\$2,065	\$2,065															
FD Concrete =<16'						\$286.68	\$128.64	-55.1%	\$160.20	24.5%	24	-	\$0	\$3,087	\$3,087	24	-	\$0	\$3,845	\$3,845															
CR UG Cable & Cndt						\$157.20	\$112.08	-28.7%	\$121.08	8.0%	24	-	\$0	\$2,690	\$2,690	24	-	\$0	\$2,906	\$2,906															
Subtotal:										20,217	\$2,302	\$9,239	\$11,541	Subtotal:	20,217	\$2,607	\$10,855	\$13,462																	
TOWN OF QUEENSBURY																																			
SD Steel =<16' AB PT						\$148.80	\$74.76	-49.8%	\$89.52	19.7%	26	-	\$0	\$1,944	\$1,944	26	-	\$0	\$2,328	\$2,328															
FD Concrete =<16'						\$286.68	\$135.00	-52.9%	\$165.36	22.5%	26	-	\$0	\$3,510	\$3,510	26	-	\$0	\$4,299	\$4,299															
CR UG Cable & Cndt						\$157.20	\$129.24	-17.8%	\$134.88	4.4%	26	-	\$0	\$3,360	\$3,360	26	-	\$0	\$3,507	\$3,507															
Subtotal:										-	\$0	\$8,814	\$8,814	Subtotal:	-	\$0	\$10,134	\$10,134																	
VILLAGE OF KINDERHOOK																																			
LL Open IN 1000				103	347.50	\$0.00	\$65.88	0.0%	\$52.68	-20.0%	2	860	\$98	\$132	\$230	2	860	\$111	\$105	\$216															
CR UG Cable & Cndt						\$157.20	\$98.88	-37.1%	\$110.52	11.8%	2	-	\$0	\$198	\$198	2	-	\$0	\$221	\$221															
Subtotal:										860	\$98	\$330	\$427	Subtotal:	860	\$111	\$326	\$437																	
VILLAGE OF WILLIAMSVILLE																																			
CR UG Cable & Cndt						\$157.20	\$107.40	-31.7%	\$117.36	9.3%	99	-	\$0	\$10,633	\$10,633	99	-	\$0	\$11,619	\$11,619															
S.C. 2 Price Exceptions Annual Total:										21,077	\$2,400	\$361,597	\$363,997	Total:	\$21,077	\$2,718	\$428,550	\$431,268																	
TARGET																\$2,718	\$428,550	\$431,268																	
PROPOSED MINUS TARGET																\$0	\$0	\$0																	

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates  
**Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)**

Rate Year 1 T&D rate 0.07817  
Rate Year 2\* T&D rate 0.08854

Target Facility Price Increase: 15.56%

Description	Rate Year 2* T&D rate		Rate Year 1			Rate Year 1			Rate Year 1			Rate Year 2*			Rate Year 2*		
	Billed			Proposed	Percent	RY1	Rate Year 1	Rate Year 1	Rate Year 1	Rate Year 1	Rate Year 1	RY2	Rate Year 2*	Rate Year 2*	Rate Year 2*	Rate Year 2*	
	Watts	Avg Mo	Rate Year 1	Facility	Change	Fest	Annual	Annual	Annual	Annual	Annual	Fest	Annual	Annual	Annual	Annual	
	per	Burn	Facility	Facility	Facility	Units	Usage	T&D	Facility	Total	Total	Units	Usage	T&D	Facility	Total	
	Lamp	Hours	Price	Price	Price			Revenue	Revenue	Revenue			Revenue	Revenue	Revenue		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)		
<b><u>Non-contract S.C. 3 Accounts</u></b>																	
(Customer owned & maintained)			\$0.00	<b>\$0.00</b>	0.0%	11,038,140	4,900,934	\$383,106	\$0	\$383,106	11,038,140	4,900,934	\$433,929	\$0	\$433,929		
						11,038,140	4,062,036	\$317,529	\$0	\$317,529	11,038,140	4,062,036	\$359,653	\$0	\$359,653		
						11,038,140	3,995,807	\$312,352	\$0	\$312,352	11,038,140	3,995,807	\$353,789	\$0	\$353,789		
						11,038,140	3,366,633	\$263,170	\$0	\$263,170	11,038,140	3,366,633	\$298,082	\$0	\$298,082		
						11,038,140	3,035,489	\$237,284	\$0	\$237,284	11,038,140	3,035,489	\$268,762	\$0	\$268,762		
						11,038,140	2,715,382	\$212,261	\$0	\$212,261	11,038,140	2,715,382	\$240,420	\$0	\$240,420		
						11,038,140	2,914,069	\$227,793	\$0	\$227,793	11,038,140	2,914,069	\$258,012	\$0	\$258,012		
						11,038,140	3,322,480	\$259,718	\$0	\$259,718	11,038,140	3,322,480	\$294,172	\$0	\$294,172		
						11,038,140	3,686,739	\$288,192	\$0	\$288,192	11,038,140	3,686,739	\$326,424	\$0	\$326,424		
						11,038,140	4,337,989	\$339,101	\$0	\$339,101	11,038,140	4,337,989	\$384,086	\$0	\$384,086		
						11,038,140	4,647,057	\$363,260	\$0	\$363,260	11,038,140	4,647,057	\$411,450	\$0	\$411,450		
						11,038,140	5,044,430	\$394,323	\$0	\$394,323	11,038,140	5,044,430	\$446,634	\$0	\$446,634		
<b>POLE ATTACHMENT</b>																	
Facility Lighting Attachment			\$9.48	<b>\$10.92</b>	15.2%	40,599	-	\$0	\$384,879	\$384,879	40,599	-	\$0	\$443,341	\$443,341		
<b><u>Contract S.C.3 Account</u></b>																	
(S.C. 3 T&D rate per contract. No facility charge unless a Company-procured new facility - then, S.C. 2 price)																	
<b>LAMPS</b>																	
<u>High Pressure Sodium</u>																	
	70W	82	347.50	\$0.00	<b>\$0.00</b>	0.0%	4	1,368	\$107	\$0	\$107	4	1,368	\$121	\$0	\$121	
	100W	117	347.50	\$0.00	<b>\$0.00</b>	0.0%	64	31,224	\$2,441	\$0	\$2,441	64	31,224	\$2,765	\$0	\$2,765	
	150W	182	347.50	\$0.00	<b>\$0.00</b>	0.0%	722	547,956	\$42,834	\$0	\$42,834	722	547,956	\$48,516	\$0	\$48,516	
	250W	302	347.50	\$0.00	<b>\$0.00</b>	0.0%	1,719	2,164,800	\$169,222	\$0	\$169,222	1,719	2,164,800	\$191,671	\$0	\$191,671	
	400W	480	347.50	\$0.00	<b>\$0.00</b>	0.0%	21	42,036	\$3,286	\$0	\$3,286	21	42,036	\$3,722	\$0	\$3,722	
<u>Metal Halide</u>																	
	400W	1	347.50	\$0.00	<b>\$0.00</b>	0.0%	11	48	\$4	\$0	\$4	11	48	\$4	\$0	\$4	
<u>Mercury Vapor</u>																	
	175W	208	347.50	\$0.00	<b>\$0.00</b>	0.0%	18	15,612	\$1,220	\$0	\$1,220	18	15,612	\$1,382	\$0	\$1,382	
<b>LUMINAIRES</b>																	
	Edgewater 150			\$0.00	<b>\$0.00</b>	0.0%	721	-	\$0	\$0	\$0	721	-	\$0	\$0	\$0	
	Little Falls - Teardrop, 70			\$0.00	<b>\$0.00</b>	0.0%	6	-	\$0	\$0	\$0	6	-	\$0	\$0	\$0	
	Roadway 70			\$0.00	<b>\$0.00</b>	0.0%	4	-	\$0	\$0	\$0	4	-	\$0	\$0	\$0	
	Roadway 150			\$0.00	<b>\$0.00</b>	0.0%	1	-	\$0	\$0	\$0	1	-	\$0	\$0	\$0	
	Roadway 250			\$0.00	<b>\$0.00</b>	0.0%	1,719	-	\$0	\$0	\$0	1,719	-	\$0	\$0	\$0	
	Roadway 400			\$0.00	<b>\$0.00</b>	0.0%	11	-	\$0	\$0	\$0	11	-	\$0	\$0	\$0	
	Roadway 175			\$0.00	<b>\$0.00</b>	0.0%	2	-	\$0	\$0	\$0	2	-	\$0	\$0	\$0	
	Roadway 400			\$0.00	<b>\$0.00</b>	0.0%	21	-	\$0	\$0	\$0	21	-	\$0	\$0	\$0	
	Aspen Grove 100			\$0.00	<b>\$0.00</b>	0.0%	34	-	\$0	\$0	\$0	34	-	\$0	\$0	\$0	
	Traditional 100			\$0.00	<b>\$0.00</b>	0.0%	24	-	\$0	\$0	\$0	24	-	\$0	\$0	\$0	
	Contemporary 175			\$0.00	<b>\$0.00</b>	0.0%	16	-	\$0	\$0	\$0	16	-	\$0	\$0	\$0	
<b>POLES/STANDARDS</b>																	
	Wood Pole, 1 Span			\$0.00	<b>\$0.00</b>	0.0%	3	-	\$0	\$0	\$0	3	-	\$0	\$0	\$0	
	Aluminum, AB, Armory Square			\$0.00	<b>\$0.00</b>	0.0%	1	-	\$0	\$0	\$0	1	-	\$0	\$0	\$0	

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates  
**Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)**

Rate Year 1 T&D rate 0.07817  
Rate Year 2\* T&D rate 0.08854

Target Facility Price Increase: 15.56%

Description	Billed Watts per Lamp	Avg Mo Burn Hours	Rate Year 1 Facility Price	Rate Year 2* Proposed Facility Price	Percent Change Facility Price	RY1 Fest Units	Rate Year 1 Annual Usage	Rate Year 1 Annual T&D Revenue	Rate Year 1 Annual Facility Revenue	Rate Year 1 Annual Total Revenue	RY2 Fest Units	Rate Year 2* Annual Usage	Rate Year 2* Annual T&D Revenue	Rate Year 2* Annual Facility Revenue	Rate Year 2* Annual Total Revenue
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)

**Contract S.C.3 Account (continued)**

(S.C. 3 T&D rate per contract. No facility charge unless a Company-procured new facility - then, S.C. 2 price)

**Standard > 16 ft**  
**for UG or URD Service**

Aluminum, anchor base			\$0.00	<b>\$0.00</b>	0.0%	207	-	\$0	\$0	\$0	207	-	\$0	\$0	\$0
steel, anchor base			\$0.00	<b>\$0.00</b>	0.0%	31	-	\$0	\$0	\$0	31	-	\$0	\$0	\$0

**POLES/STANDARDS**

**Standard <= 16 ft**  
**for UG or URD Service**

Aluminum, anchor base, Villager			\$0.00	<b>\$0.00</b>	0.0%	27	-	\$0	\$0	\$0	27	-	\$0	\$0	\$0
Fiberglass, anchor base			\$0.00	<b>\$0.00</b>	0.0%	3	-	\$0	\$0	\$0	3	-	\$0	\$0	\$0
Fiberglass, direct embedded			\$0.00	<b>\$0.00</b>	0.0%	44	-	\$0	\$0	\$0	44	-	\$0	\$0	\$0

**Decorative Standard <= 16 ft**  
**for UG or URD Service**

Aluminum, AB, Armory Square			\$0.00	<b>\$0.00</b>	0.0%	728	-	\$0	\$0	\$0	728	-	\$0	\$0	\$0
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**FOUNDATIONS**

**Concrete - Cast-In-Place**

for AB standard > 16 ft			\$0.00	<b>\$0.00</b>	0.0%	237	-	\$0	\$0	\$0	237	-	\$0	\$0	\$0
for AB standard <= 16 ft			\$0.00	<b>\$0.00</b>	0.0%	760	-	\$0	\$0	\$0	760	-	\$0	\$0	\$0

**CIRCUITRY**

**UG Service**

**first 50 ft or less per pole**

cable and conduit			\$0.00	<b>\$0.00</b>	0.0%	976	-	\$0	\$0	\$0	976	-	\$0	\$0	\$0
cable only			\$0.00	<b>\$0.00</b>	0.0%	15	-	\$0	\$0	\$0	15	-	\$0	\$0	\$0

**URD Service**

**first 10 ft or less per pole**

direct buried cable			\$0.00	<b>\$0.00</b>	0.0%	51	-	\$0	\$0	\$0	51	-	\$0	\$0	\$0
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**S.C.3 Contract Facilities Priced at S.C.2 Rates:**

Lamp: HPS 100W	118	347.50	\$10.68	<b>\$12.36</b>	15.7%	25	12,300	\$961	\$267	\$1,228	25	12,300	\$1,089	\$309	\$1,398
Lamp: MH 175W	207	347.50	\$73.80	<b>\$85.32</b>	15.6%	2	1,728	\$135	\$148	\$283	2	1,728	\$153	\$171	\$324
LED Roadway D	96	347.50	\$134.76	<b>\$155.76</b>	15.6%	23	9,204	\$719	\$3,099	\$3,819	23	9,204	\$815	\$3,582	\$4,397
LED Princeton C	65	347.50	\$102.72	<b>\$118.68</b>	15.5%	9	2,436	\$190	\$924	\$1,115	9	2,436	\$216	\$1,068	\$1,284
Luminaire: Aspen Grove 100			\$133.80	<b>\$154.56</b>	15.5%	25	-	\$0	\$3,345	\$3,345	25	-	\$0	\$3,864	\$3,864
Standard <= 16 ft: Fiberglass, direct			\$122.88	<b>\$141.96</b>	15.5%	25	-	\$0	\$3,072	\$3,072	25	-	\$0	\$3,549	\$3,549
Dec Standard <= 16 ft: Alum, Armory Square			\$446.04	<b>\$515.40</b>	15.6%	1	-	\$0	\$446	\$446	1	-	\$0	\$515	\$515
Foundation for AB standard > 16 ft			\$286.68	<b>\$331.32</b>	15.6%	2	-	\$0	\$573	\$573	2	-	\$0	\$663	\$663
Foundation for AB standard <= 16 ft			\$286.68	<b>\$331.32</b>	15.6%	1	-	\$0	\$287	\$287	1	-	\$0	\$331	\$331
UG Circuitry, cable and conduit			\$157.20	<b>\$181.68</b>	15.6%	2	-	\$0	\$314	\$314	2	-	\$0	\$363	\$363
URD Circuitry, direct buried cable			\$117.12	<b>\$135.36</b>	15.6%	25	-	\$0	\$2,928	\$2,928	25	-	\$0	\$3,384	\$3,384

S.C. 3 Annual Total:	48,857,756	\$3,819,211	\$400,283	\$4,219,493		48,857,756	\$4,325,866	\$461,141	\$4,787,007
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TARGET	\$4,325,665	\$462,562	\$4,788,227
PROPOSED MINUS TARGET	\$201	-\$1,421	-\$1,220

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates  
**Service Classification No. 4 - Traffic Control (Customer Owned and Maintained)**

Rate Year 1 T&D rate	0.01421
Rate Year 2* T&D rate	0.01609

Target Facility Price Increase: **15.56%**

Description	Billcode Description	Rate Year 1 Service Charge (a)	Rate Year 2* Proposed Service Charge (b)	Percent Change Service Charge (c)	RY1 Fcst Units (d)	Rate Year 1 Annual Usage (e)	Rate Year 1 Annual T&D Revenue (f)	Rate Year 1 Annual Service Revenue (g)	Rate Year 1 Annual Total Revenue (h)	RY2 Fcst Units (i)	Rate Year 2* Annual Usage (j)	Rate Year 2* Annual T&D Revenue (k)	Rate Year 2* Annual Service Revenue (l)	Rate Year 2* Annual Total Revenue (m)
Traffic Control Location Charge	TC Location Charge	\$399.12	<b>\$461.16</b>	15.5%	2,218	n/a	n/a	\$885,248	\$885,248	2,218	n/a	n/a	\$1,022,853	\$1,022,853
Traffic Control 30 Day kWh	TC 30 Day kWh	n/a	n/a	n/a	526,839	6,322,068	\$89,837	n/a	\$89,837	526,839	6,322,068	\$101,722	n/a	\$101,722
<b>S.C. 4 Annual Total:</b>						<b>6,322,068</b>	<b>\$89,837</b>	<b>\$885,248</b>	<b>\$975,085</b>		<b>6,322,068</b>	<b>\$101,722</b>	<b>\$1,022,853</b>	<b>\$1,124,575</b>
												<b>TARGET</b>	\$101,750	\$1,022,984
												<b>PROPOSED MINUS TARGET</b>	-\$27	-\$131
														-\$158

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates

## Contract Street Lighting (Customer Contributory Provisions)

Rate Year 1 T&D rate 0.11387  
 Rate Year 2\* T&D rate 0.12897

Target Facility Price Increase: 15.56%

Description	Billed Watts per Lamp (a)	Avg Mo Burn Hours (b)	Rate Year 1 Facility Price (c)	Rate Year 2* Proposed Facility Price (d)	Percent Change Facility Price (e)	RY1 Fest Units (f)	Rate Year 1 Annual Usage (g)	Rate Year 1 Annual T&D Revenue (h)	Rate Year 1 Annual Facility Revenue (i)	Rate Year 1 Annual Total Revenue (j)	RY2 Fest Units (k)	Rate Year 2* Annual Usage (l)	Rate Year 2* Annual T&D Revenue (m)	Rate Year 2* Annual Facility Revenue (n)	Rate Year 2* Annual Total Revenue (o)
<b>TOWN OF HAMLIN</b>															
100W	118	347.50	\$9.60	<b>\$11.04</b>	15.0%	6	2,952	\$336	\$58	\$394	6	2,952	\$381	\$66	\$447
Arch. (style unknown) 70/100			\$39.72	<b>\$45.84</b>	15.4%	6	-	\$0	\$238	\$238	6	-	\$0	\$275	\$275
Fiberglass, anchor base			\$33.60	<b>\$38.88</b>	15.7%	6	-	\$0	\$202	\$202	6	-	\$0	\$233	\$233
for AB standards, all applications			\$55.44	<b>\$64.08</b>	15.6%	6	-	\$0	\$333	\$333	6	-	\$0	\$384	\$384
direct buried cable			\$6.84	<b>\$7.92</b>	15.8%	6	-	\$0	\$41	\$41	6	-	\$0	\$48	\$48
CR EF DB Cable/ft			\$0.48	<b>\$0.60</b>	25.0%	284	-	\$0	\$136	\$136	284	-	\$0	\$170	\$170
<b>TOWN OF HAMLIN HILLCREST SUBDIV SC 5</b>															
100W	118	347.50	\$9.60	<b>\$11.04</b>	15.0%	13	6,396	\$728	\$125	\$853	13	6,396	\$825	\$144	\$968
150W	173	347.50	\$9.84	<b>\$11.40</b>	15.9%	3	2,160	\$246	\$30	\$275	3	2,160	\$279	\$34	\$313
Arch. (style unknown) 70/100			\$39.72	<b>\$45.84</b>	15.4%	10	-	\$0	\$397	\$397	10	-	\$0	\$458	\$458
LM Arch 150/175			\$30.12	<b>\$34.80</b>	15.5%	3	-	\$0	\$90	\$90	3	-	\$0	\$104	\$104
Fiberglass, anchor base			\$33.60	<b>\$38.88</b>	15.7%	16	-	\$0	\$538	\$538	16	-	\$0	\$622	\$622
for anchor base standard <= 16 ft			\$98.64	<b>\$114.00</b>	15.6%	12	-	\$0	\$1,184	\$1,184	12	-	\$0	\$1,368	\$1,368
for AB standards, all applications			\$55.44	<b>\$64.08</b>	15.6%	4	-	\$0	\$222	\$222	4	-	\$0	\$256	\$256
direct buried cable			\$6.84	<b>\$7.92</b>	15.8%	16	-	\$0	\$109	\$109	16	-	\$0	\$127	\$127
CR EF DB Cable/ft			\$0.48	<b>\$0.60</b>	25.0%	344	-	\$0	\$165	\$165	344	-	\$0	\$206	\$206
Edison 100			\$39.72	<b>\$45.84</b>	15.4%	3	-	\$0	\$119	\$119	3	-	\$0	\$138	\$138
<b>Contract Annual Total:</b>							<b>11,508</b>	<b>\$1,310</b>	<b>\$3,986</b>	<b>\$5,297</b>					
													<b>TARGET</b>	<b>\$1,484</b>	<b>\$4,606</b>
													<b>PROPOSED MINUS TARGET</b>	<b>\$0</b>	<b>\$28</b>

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Rate Year 2\* Revenue at Rate Year 1 and Proposed Rates  
 LED to HID Rate Ratio Calculation Using Roadway Replacement Cost  
**Service Classification No. 2 - Street Lighting (Company Owned and Maintained)**

						15.56% S.C. 2 Facility Target % Increase					
Description	Component	Rate Year 1 Price (a)	Luminaire Units (b)	Rate Year 1 Revenue (c)	Target Price (d)	Target Revenue (e)	Replacement Cost (f)	Replacement Revenue (g)	Proposed % Movement to Replace Cost (h)	Adjusted Target Price (i)	Adjusted Target Revenue (j)
<b>HID Roadway Lamps</b>											
<u>High Pressure Sodium</u>											
	70W	SC2NMP000000101	\$10.68	8,826	\$94,262	\$12.36	\$109,089	N/A	\$0	\$13.07	\$115,315
	100W	SC2NMP000000201	\$10.68	13,922	\$148,687	\$12.36	\$172,076	N/A	\$0	\$13.07	\$181,896
	150W	SC2NMP000000301	\$10.68	18,465	\$197,206	\$12.36	\$228,227	N/A	\$0	\$13.07	\$241,252
	250W	SC2NMP000000401	\$10.68	7,457	\$79,641	\$12.36	\$92,169	N/A	\$0	\$13.07	\$97,428
	400W	SC2NMP000000501	\$10.68	1,767	\$18,872	\$12.36	\$21,840	N/A	\$0	\$13.07	\$23,087
	1000W	SC2NMP000000601	\$21.60	5	\$108	\$24.96	\$125	N/A	\$0	\$26.42	\$132
<u>Metal Halide</u>											
	175W	SC2NMP000000701	\$73.80	1,451	\$107,084	\$85.32	\$123,799	N/A	\$0	\$90.28	\$131,001
	250W	SC2NMP000000801	\$73.80	261	\$19,262	\$85.32	\$22,269	N/A	\$0	\$90.28	\$23,564
	400W	SC2NMP000000901	\$73.80	558	\$41,180	\$85.32	\$47,609	N/A	\$0	\$90.28	\$50,378
	1000W	SC2NMP000001001	\$73.80	-	\$0	\$85.32	\$0	N/A	\$0	\$90.28	\$0
<u>Mercury Vapor</u>											
	100W	SC2NMP000001201	\$9.12	116	\$1,058	\$10.56	\$1,225	N/A	\$0	\$11.16	\$1,294
	175W	SC2NMP000001301	\$9.12	388	\$3,539	\$10.56	\$4,097	N/A	\$0	\$11.16	\$4,329
	400W	SC2NMP000001501	\$9.12	91	\$830	\$10.56	\$961	N/A	\$0	\$11.16	\$1,015
	1000W	SC2NMP000001701	\$17.16	2	\$34	\$19.80	\$40	N/A	\$0	\$20.99	\$42
				53,309							
<b>HID Roadway Luminaires</b>											
	Roadway 70	SC2NMP000049P01	\$74.16	8,826	\$654,536	\$85.68	\$756,212	\$228.76	\$2,019,028	\$90.72	\$800,726
	Roadway 100	SC2NMP000050P01	\$74.16	14,038	\$1,041,058	\$85.68	\$1,202,776	\$216.33	\$3,036,837	\$90.72	\$1,273,577
	Roadway 150	SC2NMP000051P01	\$74.16	20,304	\$1,505,745	\$85.68	\$1,739,647	\$223.36	\$4,535,050	\$90.72	\$1,842,051
	Roadway 250	SC2NMP000052P01	\$74.16	7,718	\$572,367	\$85.68	\$661,278	\$247.12	\$1,907,300	\$90.72	\$700,204
	Roadway 400	SC2NMP0000302P01	\$74.16	2,416	\$179,171	\$85.68	\$207,003	\$264.36	\$638,693	\$90.72	\$219,188
	Roadway, 1000	SC2NMP000053P01	\$167.76	7	\$1,174	\$193.92	\$1,357	\$309.37	\$2,166	\$205.23	\$1,437
				53,309							
				Total HID:	\$4,665,813		\$5,391,798		\$12,139,074	9.71%	\$5,707,917
				% of replacement cost	38%		15.56%		HID %	22.33%	22.33%
<b>LED Roadway Luminaires</b>											
	LL Roadway LED-B	SC2NMPLLEDRWYB01	\$95.88	15,845	\$1,519,219	\$110.76	\$1,754,992	\$168.11	\$2,663,625	\$105.35	\$1,669,288
	LL Roadway LED-C	SC2NMPLLEDRWYC01	\$101.40	27,323	\$2,770,552	\$117.12	\$3,200,070	\$171.78	\$4,693,446	\$111.42	\$3,044,230
	LL Roadway LED-D	SC2NMPLLEDRWYD01	\$126.12	7,718	\$973,394	\$145.80	\$1,125,284	\$199.13	\$1,536,859	\$138.58	\$1,069,547
	LL Roadway LED-F	SC2NMPLLEDRWYF01	\$136.32	2,423	\$330,303	\$157.56	\$381,768	\$273.17	\$661,894	\$149.79	\$362,931
				53,309							
				Total LED:	\$5,593,468		\$6,462,114		\$9,555,823	21.92%	\$6,145,996
				% of replacement cost	59%		15.53%		LED %	9.88%	9.88%
				GRAND TOTAL	\$10,259,281	Target Revenue	\$11,853,912		\$21,694,897	Adjusted Target Revenue	\$11,853,912
						Total Increase	15.54%				15.54%
									Ratio LED% to HID %	44.23%	

Notes:

(1) See NMPC May 28, 2024 Exhibit \_\_ (E-RDP-8), Schedule 6.2 of NMPC Luminaire Replacement Cost of Service Study for S.C. No. 2 lamp/luminaire replacement costs (lamp replacement costs included in luminaire costs).

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Target Rate Year 3 Revenue Per Lighting Service Class

**Forecast Rate Year 3 Revenue at Rate Year 2 Rates**

Service Class	RY3 Usage	RY2 T&D Rate	T&D Revenue	Facility Revenue	Total Revenue	Pct. of Revenue from T&D	Pct. of Total Revenue
SC-1	15,329,172	0.13796	\$2,114,813	\$1,940,272	\$4,055,085	52.2%	9.3%
SC-1 LED	1,484,280	0.13796	\$204,771	\$405,666	\$610,437	33.5%	1.4%
	16,813,452		\$2,319,584	\$2,345,938	\$4,665,522	49.7%	10.7%
SC-2	40,447,058	0.13796	\$5,580,076	\$18,353,650	\$23,933,726	23.3%	55.1%
SC-2 LED	12,828,196	0.13796	\$1,769,778	\$7,233,931	\$9,003,709	19.7%	20.7%
<sup>1</sup> SC-2 PE	21,077	0.13796	\$2,908	\$428,550	\$431,458	0.7%	1.0%
<sup>2</sup> Contract	11,508	0.13796	\$1,588	\$4,635	\$6,222	25.5%	0.0%
	53,307,839		\$7,354,349	\$26,020,765	\$33,375,114	22.0%	76.8%
SC-3	40,233,041	0.09471	\$3,810,471	\$461,141	\$4,271,612	89.2%	9.8%
<sup>3</sup> SC-4	6,322,068	0.01721	\$108,803	\$1,022,853	\$1,131,656	9.6%	2.6%
Total	116,676,399		\$13,593,207	\$29,850,697	\$43,443,904	31.3%	100.0%

<sup>4</sup> Revenue Requirement Allocated to Lighting: \$47,719,217

Dollar Increase for Lighting Rate Year 3: \$4,275,313

Percentage Increase for Lighting Rate Year 3: 9.84%

**Facility Revenue Target Adjustment**

	Facility Revenue
Total Target Facility Revenue:	\$32,788,303
<sup>5</sup> PE % Inc.:	21.95%
<sup>6</sup> LED % Inc.:	5.35%
Non-PE & Non-LED Target Facility Revenue:	\$24,217,451
Non-PE & Non-LED Present Facility Revenue:	\$21,782,550
Dollar Increase for non-PE & non-LED Facilities:	\$2,434,900
Percentage Increase for non-PE & non-LED Facilities:	11.18%

$a = \text{Proposed Revenue Requirement less Proposed T\&D Revenue}$

$b = \text{Present SC2 PE Facility Dollars} \times \text{PE \% Inc.}$

$c = \text{Present SC1 LED} + \text{SC2 LED Facility Dollars} \times \text{LED \% Inc.}$

$d = a - b - c$

$e = \text{Present Total Facility} - \text{SC2 PE Facility} - \text{SC1 LED Facility} - \text{SC2 LED Facility}$

$f = d - e$

$g = f / e$

Notes:

(1) Facility Price Exceptions ("PE") on SC-2 customer accounts.

(2) Special Contracts within SC-2 customer accounts.

(3) The SC-4 basic service charges are included in "facility revenue" above and elsewhere, for convenience of presentation.

(4) Rate Year 3 Target Delivery Revenue for Lighting before Incremental Low Income Discount. Source: Appendix 2, Schedule 3E, page 2, Line 11.

(5) PE facility increase based on remainder of 10-year phase out; rate shown in Appendix 2, Schedule 8.1.3, page 12 is average increase across all PE facilities.

(6) LED facility increases reduced based on movement to replacement cost per Appendix 2, Schedule 8.1.3, page 17.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Target Rate Year 3 Revenue Per Lighting Service Class

**Rate Year 3 Target Revenue**

Service Class	RY3 Usage	Target T&D Rate <sup>1</sup>	T&D Revenue	Facility Revenue	Total Revenue	Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Rate Increase %	Facility Price Increase %
SC-1	15,329,172	0.15154	\$2,322,931	\$2,157,160	\$4,480,091	51.9%	9.4%	9.84%	11.18%
SC-1 LED	1,484,280	0.15154	\$224,923	\$427,364	\$652,287	34.5%	1.4%	9.84%	5.35%
	16,813,452		\$2,547,854	\$2,584,524	\$5,132,378	49.6%	10.8%		
SC-2	40,447,058	0.15154	\$6,129,211	\$20,405,260	\$26,534,471	23.1%	55.6%	9.84%	11.18%
SC-2 LED	12,828,196	0.15154	\$1,943,942	\$7,620,859	\$9,564,801	20.3%	20.0%	9.84%	5.35%
SC-2 PE	21,077	0.15154	\$3,194	\$522,629	\$525,823	0.6%	1.1%	9.84%	21.95%
Contract	11,508	0.15154	\$1,744	\$5,153	\$6,896	25.3%	0.0%	9.84%	11.18%
	53,307,839		\$8,078,091	\$28,553,901	\$36,631,992	22.1%	76.8%		
SC-3	40,233,041	0.10403	\$4,185,460	\$512,688	\$4,698,148	89.1%	9.8%	9.84%	11.18%
SC-4	6,322,068	0.01890	\$119,510	\$1,137,190	\$1,256,700	9.5%	2.6%	9.84%	11.18%
Total	116,676,399		\$14,930,914	\$32,788,303	\$47,719,217	31.3%	100.0%		
		<i>Dollar Increase:</i>	\$1,337,707	\$2,937,606	\$4,275,313				
		<i>Percent Increase:</i>	9.84%	9.84%	9.84%				

**Rate Year 3 Revenue at Proposed Rates**

Service Class	RY3 Usage	Proposed T&D Rate <sup>2</sup>	T&D Revenue	Facility Revenue	Total Revenue <sup>3</sup>	Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Revenue Increase %	Facility Revenue Increase %	Total Revenue Increase %
SC-1	15,329,172	0.15154	\$2,322,983	\$2,157,412	\$4,480,394	51.8%	9.4%	9.84%	11.19%	10.49%
SC-1 LED	1,484,280	0.15154	\$224,928	\$427,342	\$652,270	34.5%	1.4%	9.84%	5.34%	6.85%
	16,813,452		\$2,547,911	\$2,584,754	\$5,132,665	49.6%	10.8%			
SC-2	40,447,058	0.15154	\$6,129,347	\$20,408,964	\$26,538,311	23.1%	55.6%	9.84%	11.20%	10.88%
SC-2 LED	12,828,196	0.15154	\$1,943,985	\$7,621,336	\$9,565,321	20.3%	20.0%	9.84%	5.36%	6.24%
SC-2PE	21,077	0.15154	\$3,194	\$522,629	\$525,823	0.6%	1.1%	9.84%	21.95%	21.87%
Contract	11,508	0.15154	\$1,744	\$5,184	\$6,928	25.2%	0.0%	9.84%	11.86%	11.35%
	53,307,839		\$8,078,270	\$28,558,113	\$36,636,383	22.0%	76.8%			
SC-3	40,233,041	0.10403	\$4,185,443	\$511,850	\$4,697,294	89.1%	9.8%	9.84%	11.00%	9.97%
SC-4	6,322,068	0.01890	\$119,487	\$1,137,302	\$1,256,789	9.5%	2.6%	9.82%	11.19%	11.06%
Total	116,676,399		\$14,931,111	\$32,792,019	\$47,723,130	31.3%	100.0%			
		<i>Dollar Increase:</i>	\$1,337,903	\$2,941,323	\$4,279,226					
		<i>Percent Increase:</i>	9.84%	9.85%	9.85%					

**Final Rate Year 3 Proposed Volumetric Rates with Low Income (LI) Adder**

Service Class	Proposed T&D Rate	Incremental LI Discount Rate Adder <sup>4</sup>	Total Proposed T&D Rate	T&D Inc. % After LI Adder	Service Class	Incremental LI Discount T&D Revenue	Total Revenue Including LI Adder
SC-1/SC-2	0.15154	0.01080	<b>0.16234</b>	17.67%	SC-1	\$181,585	<b>\$5,314,250</b>
Contract	0.15154	0.01080	<b>0.16234</b>	17.67%	SC-2/Contract	\$575,725	<b>\$37,212,108</b>
SC-3	0.10403	0.00741	<b>0.11144</b>	17.66%	SC-3	\$298,127	<b>\$4,995,420</b>
SC-4	0.01890	0.00135	<b>0.02025</b>	17.66%	SC-4	\$8,535	<b>\$1,265,324</b>
					Total:	\$1,063,972	<b>\$48,787,102</b>

Notes:

- (1) Target T&D rates are not rounded.
- (2) Proposed T&D rates are rounded to five decimal places.
- (3) Total Revenue differs from Target Revenue due to T&D and Facility rate rounding.
- (4) Incremental Low Income Discount added back to Street Lighting Class. Source: Appendix 2, Schedule 3E, page 4, lines 18-21.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 3 Revenue at Rate Year 2 and Proposed Rates

## Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

Rate Year 2 T&D rate	0.13796
Rate Year 3 T&D rate	0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:	11.18%
Target LED Price Increase:	5.35%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fest Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fest Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
<b>Standard Offerings</b>															
<b>LAMP &amp; LUMINAIRE</b>															
	<u>LED</u>														
LL Roadway LED-B	9	108	\$102.48	<b>\$108.00</b>	5.4%	575	62,100	\$8,567	\$58,926	\$67,493	575	62,100	\$9,411	\$62,100	\$71,511
LL Roadway LED-C	17	204	\$108.36	<b>\$114.12</b>	5.3%	1,188	242,352	\$33,435	\$128,732	\$162,167	1,188	242,352	\$36,726	\$135,575	\$172,301
LL Roadway LED-D	33	396	\$134.76	<b>\$141.96</b>	5.3%	543	215,028	\$29,665	\$73,175	\$102,840	543	215,028	\$32,585	\$77,084	\$109,670
LL Roadway LED-F	73	876	\$145.68	<b>\$153.48</b>	5.4%	562	492,312	\$67,919	\$81,872	\$149,792	562	492,312	\$74,605	\$86,256	\$160,861
LL Floodlight LED-E	53	636	\$99.00	<b>\$104.28</b>	5.3%	138	87,768	\$12,108	\$13,662	\$25,770	138	87,768	\$13,300	\$14,391	\$27,691
LL Floodlight LED-F	70	840	\$107.64	<b>\$113.40</b>	5.4%	458	384,720	\$53,076	\$49,299	\$102,375	458	384,720	\$58,300	\$51,937	\$110,238
<b>LED Lamp &amp; Luminaire Annual Total:</b>							<b>1,484,280</b>	<b>\$204,771</b>	<b>\$405,666</b>	<b>\$610,437</b>		<b>1,484,280</b>	<b>\$224,928</b>	<b>\$427,342</b>	<b>\$652,270</b>
<b>POLES/STANDARDS</b>															
	<u>Overhead Service</u>														
Additional Wood Pole			\$123.36	<b>\$137.16</b>	11.2%	3,548	-	\$0	\$437,681	\$437,681	3,548	-	\$0	\$486,644	\$486,644
<b>CIRCUITRY</b>															
Overhead Service - one span			\$57.72	<b>\$64.20</b>	11.2%	4,153	-	\$0	\$239,711	\$239,711	4,153	-	\$0	\$266,623	\$266,623
<b>Standard Offering Annual Total:</b>							<b>1,484,280</b>	<b>\$204,771</b>	<b>\$1,083,058</b>	<b>\$1,287,829</b>		<b>1,484,280</b>	<b>\$224,928</b>	<b>\$1,180,609</b>	<b>\$1,405,537</b>

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 3 Revenue at Rate Year 2 and Proposed Rates

## Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

Rate Year 2 T&amp;D rate 0.13796

Rate Year 3 T&amp;D rate 0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:

11.18%

Target LED Price Increase:

5.35%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fest Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fest Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
<b>Closed Offerings</b>															
<b>POLES/STANDARDS</b>															
<u>Underground Service</u>															
Standards > 16 ft.															
Aluminum - AB - w/davit			\$339.48	<b>\$377.40</b>	11.2%	17	-	\$0	\$5,771	\$5,771	17	-	\$0	\$6,416	\$6,416
Aluminum - AB - square			\$744.48	<b>\$827.64</b>	11.2%	3	-	\$0	\$2,233	\$2,233	3	-	\$0	\$2,483	\$2,483
Standard <= 16 ft.															
Fiberglass, AB			\$117.72	<b>\$130.92</b>	11.2%	108	-	\$0	\$12,714	\$12,714	108	-	\$0	\$14,139	\$14,139
Fiberglass, direct embedded			\$157.56	<b>\$175.20</b>	11.2%	69	-	\$0	\$10,872	\$10,872	69	-	\$0	\$12,089	\$12,089
<b>FOUNDATIONS</b>															
<u>Concrete - Cast-In-Place (CIP)</u>															
For AB standard > 16 ft.			\$395.76	<b>\$440.04</b>	11.2%	9	-	\$0	\$3,562	\$3,562	9	-	\$0	\$3,960	\$3,960
<u>Concrete - Pre-Cast (PC)</u>															
for AB standards			\$236.52	<b>\$262.92</b>	11.2%	5	-	\$0	\$1,183	\$1,183	5	-	\$0	\$1,315	\$1,315
<b>CIRCUITRY</b>															
<u>Underground Service</u>															
Cable and conduit, per foot			\$3.48	<b>\$3.84</b>	10.3%	1,732	-	\$0	\$6,027	\$6,027	1,732	-	\$0	\$6,651	\$6,651
Cable only, per foot			\$0.36	<b>\$0.36</b>	0.0%	772	-	\$0	\$278	\$278	772	-	\$0	\$278	\$278
Direct buried cable, per foot			\$2.16	<b>\$2.40</b>	11.1%	5,382	-	\$0	\$11,625	\$11,625	5,382	-	\$0	\$12,917	\$12,917
<b>Closed Offerings Annual Total:</b>							-	<b>\$0</b>	<b>\$54,265</b>	<b>\$54,265</b>	-	-	<b>\$0</b>	<b>\$60,247</b>	<b>\$60,247</b>

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 3 Revenue at Rate Year 2 and Proposed Rates

## Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

Rate Year 2 T&amp;D rate: 0.13796

Rate Year 3 T&amp;D rate: 0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:

11.18%

Target LED Price Increase:

5.35%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fest Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fest Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
<b>Obsolete Offerings</b>															
<b>LAMP &amp; LUMINAIRE</b>															
<u>Mercury Vapor</u>															
Floodlight, 400W	166	1,992	\$98.64	<b>\$109.68</b>	11.2%	30	59,760	\$8,244	\$2,959	\$11,204	30	59,760	\$9,056	\$3,290	\$12,346
Floodlight, 1000W	381	4,572	\$150.36	<b>\$167.16</b>	11.2%	7	32,004	\$4,415	\$1,053	\$5,468	7	32,004	\$4,850	\$1,170	\$6,020
Roadway, 175W	73	876	\$98.64	<b>\$109.68</b>	11.2%	1,003	878,628	\$121,216	\$98,936	\$220,151	1,003	878,628	\$133,147	\$110,009	\$243,156
Roadway, 400W	166	1,992	\$98.64	<b>\$109.68</b>	11.2%	673	1,340,616	\$184,951	\$66,385	\$251,336	673	1,340,616	\$203,157	\$73,815	\$276,972
Roadway, 1000W	381	4,572	\$212.28	<b>\$236.04</b>	11.2%	112	512,064	\$70,644	\$23,775	\$94,420	112	512,064	\$77,598	\$26,436	\$104,035
<u>High Pressure Sodium</u>															
Coach, 70W	30	360	\$178.20	<b>\$198.12</b>	11.2%	12	4,320	\$596	\$2,138	\$2,734	12	4,320	\$655	\$2,377	\$3,032
Coach, 100W	41	492	\$178.20	<b>\$198.12</b>	11.2%	1	492	\$68	\$178	\$246	1	492	\$75	\$198	\$273
Coach, 150W	60	720	\$178.20	<b>\$198.12</b>	11.2%	17	12,240	\$1,689	\$3,029	\$4,718	17	12,240	\$1,855	\$3,368	\$5,223
Edison, 70W	30	360	\$178.20	<b>\$198.12</b>	11.2%	25	9,000	\$1,242	\$4,455	\$5,697	25	9,000	\$1,364	\$4,953	\$6,317
Edison, 100W	41	492	\$178.20	<b>\$198.12</b>	11.2%	90	44,280	\$6,109	\$16,038	\$22,147	90	44,280	\$6,710	\$17,831	\$24,541
Floodlight, 250W	106	1,272	\$117.72	<b>\$130.92</b>	11.2%	1,013	1,288,536	\$177,766	\$119,250	\$297,017	1,013	1,288,536	\$195,265	\$132,622	\$327,887
Floodlight, 400W	163	1,956	\$117.72	<b>\$130.92</b>	11.2%	1,345	2,630,820	\$362,948	\$158,333	\$521,281	1,345	2,630,820	\$398,674	\$176,087	\$574,762
Floodlight, 1000W	385	4,620	\$146.16	<b>\$162.48</b>	11.2%	176	813,120	\$112,178	\$25,724	\$137,902	176	813,120	\$123,220	\$28,596	\$151,817
Roadway, 70W	30	360	\$96.48	<b>\$107.28</b>	11.2%	386	138,960	\$19,171	\$37,241	\$56,412	386	138,960	\$21,058	\$41,410	\$62,468
Roadway, 100W	41	492	\$96.48	<b>\$107.28</b>	11.2%	1,425	701,100	\$96,724	\$137,484	\$234,208	1,425	701,100	\$106,245	\$152,874	\$259,119
Roadway, 150W	60	720	\$96.48	<b>\$107.28</b>	11.2%	1,365	982,800	\$135,587	\$131,695	\$267,282	1,365	982,800	\$148,934	\$146,437	\$295,371
Roadway, 250W	106	1,272	\$96.48	<b>\$107.28</b>	11.2%	1,148	1,460,256	\$201,457	\$110,759	\$312,216	1,148	1,460,256	\$221,287	\$123,157	\$344,445
Roadway, 400W	163	1,956	\$96.48	<b>\$107.28</b>	11.2%	1,210	2,366,760	\$326,518	\$116,741	\$443,259	1,210	2,366,760	\$358,659	\$129,809	\$488,468
Roadway, 1000W	385	4,620	\$203.04	<b>\$225.72</b>	11.2%	137	632,940	\$87,320	\$27,816	\$115,137	137	632,940	\$95,916	\$30,924	\$126,839
Shoebox, 400W	163	1,956	\$144.36	<b>\$160.44</b>	11.1%	7	13,692	\$1,889	\$1,011	\$2,899	7	13,692	\$2,075	\$1,123	\$3,198
Traditional, 70W	30	360	\$96.48	<b>\$107.28</b>	11.2%	6	2,160	\$298	\$579	\$877	6	2,160	\$327	\$644	\$971
Traditional, 100W	41	492	\$96.48	<b>\$107.28</b>	11.2%	26	12,792	\$1,765	\$2,508	\$4,273	26	12,792	\$1,938	\$2,789	\$4,728
Traditional, 150W	60	720	\$96.48	<b>\$107.28</b>	11.2%	2	1,440	\$199	\$193	\$392	2	1,440	\$218	\$215	\$433
<u>Metal Halide</u>															
LL Flood MH 400W	157	1,884	\$135.60	<b>\$150.72</b>	11.2%	28	52,752	\$7,278	\$3,797	\$11,074	28	52,752	\$7,994	\$4,220	\$12,214
Floodlight, 400W	157	1,884	\$135.60	<b>\$150.72</b>	11.2%	707	1,331,988	\$183,761	\$95,869	\$279,630	707	1,331,988	\$201,849	\$106,559	\$308,409
Shoebox, 400W	157	1,884	\$135.60	<b>\$150.72</b>	11.2%	3	5,652	\$780	\$407	\$1,187	3	5,652	\$857	\$452	\$1,309

## FOUNDATIONS

Mechanical - Screw Type

for AB standards

\$177.72

**\$197.64**

11.2%

114

-

\$0

\$20,260

\$20,260

114

-

\$0

\$22,531

\$22,531

Obsolete Offerings Annual Total:

15,329,172

\$2,114,813

\$1,208,615

\$3,323,428

15,329,172

\$2,322,983

\$1,343,898

\$3,666,881

S.C. 1 Annual Grand Total:

16,813,452

\$2,319,584

\$2,345,938

\$4,665,522

16,813,452

\$2,547,911

\$2,584,754

\$5,132,665

TARGET

\$2,547,854

\$2,584,524

\$5,132,378

PROPOSED MINUS TARGET

\$57

\$230

\$287



**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 3 Revenue at Rate Year 2 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 2 T&D rate	0.13796
Rate Year 3 T&D rate	0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:	11.18%
Target LED Price Increase:	5.35%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fcst Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fcst Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
<b>Standard Offerings</b>															
<b>LAMP &amp; LUMINAIRE</b>															
<b>LED</b>															
LL Arbordale LED-C	53	347.50	\$95.16	<b>\$100.20</b>	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Arbordale LED-D	91	347.50	\$78.72	<b>\$82.92</b>	5.3%	3	1,138	\$157	\$236	\$393	3	1,138	\$173	\$249	\$421
LL Arbordale LED-E	132	347.50	\$102.00	<b>\$107.40</b>	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Arbordale LED-F	177	347.50	\$132.24	<b>\$139.32</b>	5.4%	24	17,714	\$2,444	\$3,174	\$5,618	24	17,714	\$2,684	\$3,344	\$6,028
LL Carriage LED-B	35	347.50	\$82.20	<b>\$86.64</b>	5.4%	908	132,523	\$18,283	\$74,638	\$92,920	908	132,523	\$20,082	\$78,669	\$98,752
LL Carriage LED-C	66	347.50	\$76.68	<b>\$80.76</b>	5.3%	2,673	735,663	\$101,492	\$204,966	\$306,458	2,673	735,663	\$111,482	\$215,871	\$327,354
LL Floodlight LED-E	151	347.50	\$99.00	<b>\$104.28</b>	5.3%	25	15,742	\$2,172	\$2,475	\$4,647	25	15,742	\$2,386	\$2,607	\$4,993
LL Floodlight LED-F	200	347.50	\$107.64	<b>\$113.40</b>	5.4%	22	18,348	\$2,531	\$2,368	\$4,899	22	18,348	\$2,780	\$2,495	\$5,275
LL Highland Pk LED-B	30	347.50	\$116.76	<b>\$123.00</b>	5.3%	163	20,391	\$2,813	\$19,032	\$21,845	163	20,391	\$3,090	\$20,049	\$23,139
LL Highland Pk LED-C	65	347.50	\$125.64	<b>\$132.36</b>	5.3%	122	33,068	\$4,562	\$15,328	\$19,890	122	33,068	\$5,011	\$16,148	\$21,159
LL Oxford LED-B	30	347.50	\$92.40	<b>\$97.32</b>	5.3%	111	13,886	\$1,916	\$10,256	\$12,172	111	13,886	\$2,104	\$10,803	\$12,907
LL Oxford LED-C	57	347.50	\$113.64	<b>\$119.76</b>	5.4%	251	59,660	\$8,231	\$28,524	\$36,754	251	59,660	\$9,041	\$30,060	\$39,101
LL Princeton LED-B	30	347.50	\$100.68	<b>\$106.08</b>	5.4%	2	250	\$35	\$201	\$236	2	250	\$38	\$212	\$250
LL Princeton LED-C	65	347.50	\$102.72	<b>\$108.24</b>	5.4%	64	17,347	\$2,393	\$6,574	\$8,967	64	17,347	\$2,629	\$6,927	\$9,556
LL Roadway LED-B	25	347.50	\$102.48	<b>\$108.00</b>	5.4%	32,949	3,434,933	\$473,883	\$3,376,614	\$3,850,497	32,949	3,434,933	\$520,530	\$3,558,492	\$4,079,022
24 HR - LL Roadway LED-B	25	730.00	\$215.16	<b>\$226.68</b>	5.4%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-C	48	347.50	\$108.36	<b>\$114.12</b>	5.3%	20,100	4,023,216	\$555,043	\$2,178,036	\$2,733,079	20,100	4,023,216	\$609,678	\$2,293,812	\$2,903,490
24 HR - LL Roadway LED-C	48	730.00	\$227.52	<b>\$239.64</b>	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-D	96	347.50	\$134.76	<b>\$141.96</b>	5.3%	8,338	3,337,868	\$460,492	\$1,123,629	\$1,584,121	8,338	3,337,868	\$505,821	\$1,183,662	\$1,689,483
24 HR - LL Roadway LED-D	96	730.00	\$282.96	<b>\$298.08</b>	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-F	210	347.50	\$145.68	<b>\$153.48</b>	5.4%	1,026	898,468	\$123,953	\$149,468	\$273,420	1,026	898,468	\$136,154	\$157,470	\$293,624
24 HR - LL Roadway LED-F	210	730.00	\$306.00	<b>\$322.32</b>	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Underpass LED-B	36	347.50	\$86.76	<b>\$91.44</b>	5.4%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
24 HR - LL Underpass LED-B	36	730.00	\$118.92	<b>\$125.28</b>	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Underpass LED-C	52	347.50	\$86.76	<b>\$91.44</b>	5.4%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
24 HR - LL Underpass LED-C	52	730.00	\$118.92	<b>\$125.28</b>	5.3%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Westminster LED-D	84	347.50	\$306.24	<b>\$322.68</b>	5.4%	9	3,153	\$435	\$2,756	\$3,191	9	3,153	\$478	\$2,904	\$3,382
LL Westminster LED-E	141	347.50	\$402.36	<b>\$423.84</b>	5.3%	41	24,107	\$3,326	\$16,497	\$19,823	41	24,107	\$3,653	\$17,377	\$21,031
LL Westminster LED-F	243	347.50	\$446.88	<b>\$470.76</b>	5.3%	39	39,519	\$5,452	\$17,428	\$22,880	39	39,519	\$5,989	\$18,360	\$24,348
LL Westmin Ped LED-B	28	347.50	\$229.92	<b>\$242.16</b>	5.3%	1	117	\$16	\$230	\$246	1	117	\$18	\$242	\$260
LL Westmin Ped LED-C	52	347.50	\$300.36	<b>\$316.44</b>	5.4%	5	1,084	\$150	\$1,502	\$1,651	5	1,084	\$164	\$1,582	\$1,746
<b>LED Lamp &amp; Luminaire Annual Total:</b>							<b>12,828,196</b>	<b>\$1,769,778</b>	<b>\$7,233,931</b>	<b>\$9,003,709</b>		<b>12,828,196</b>	<b>\$1,943,985</b>	<b>\$7,621,336</b>	<b>\$9,565,321</b>

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Rate Year 3 Revenue at Rate Year 2 and Proposed Rates  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 2 T&D rate	0.13796
Rate Year 3 T&D rate	0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:	11.18%
Target LED Price Increase:	5.35%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fcst Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fcst Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
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### Standard Offerings (continued)

<b>ENERGY ONLY</b>															
24-HR Energy Only Charge	1	730.00	\$0.00	<b>\$0.00</b>	0.0%	104,174	912,564	\$125,897	\$0	\$125,897	104,174	912,564	\$138,290	\$0	\$138,290

#### POLES/STANDARDS

<u>Standard/Pole &gt; 16 ft - OH Service</u>															
Concrete , DE - Metropolitan			\$415.44	<b>\$461.88</b>	11.2%	8	-	\$0	\$3,324	\$3,324	8	-	\$0	\$3,695	\$3,695
WoodPole OH <= 1SP			\$0.00	<b>\$0.00</b>	0.0%	3,604	-	\$0	\$0	\$0	3,604	-	\$0	\$0	\$0
WoodPole			\$0.00	<b>\$0.00</b>	0.0%	592	-	\$0	\$0	\$0	592	-	\$0	\$0	\$0

#### POLES/STANDARDS

<u>Standard &gt; 16 ft</u>															
<u>for UG or URD Service</u>															
Aluminum, anchor base			\$393.24	<b>\$437.16</b>	11.2%	937	-	\$0	\$368,466	\$368,466	937	-	\$0	\$409,619	\$409,619
Aluminum, anchor base, heavy duty			\$393.24	<b>\$437.16</b>	11.2%	3	-	\$0	\$1,180	\$1,180	3	-	\$0	\$1,311	\$1,311
Aluminum, anchor base, square			\$785.88	<b>\$873.72</b>	11.2%	132	-	\$0	\$103,736	\$103,736	132	-	\$0	\$115,331	\$115,331
Fiberglass, anchor base			\$265.44	<b>\$295.08</b>	11.2%	134	-	\$0	\$35,569	\$35,569	134	-	\$0	\$39,541	\$39,541
<u>Standard &lt;= 16 ft</u>															
<u>for UG or URD Service</u>															
Aluminum, anchor base, Villager			\$171.96	<b>\$191.16</b>	11.2%	547	-	\$0	\$94,062	\$94,062	547	-	\$0	\$104,565	\$104,565
Fiberglass, anchor base			\$103.08	<b>\$114.60</b>	11.2%	452	-	\$0	\$46,592	\$46,592	452	-	\$0	\$51,799	\$51,799
Fiberglass, direct embedded			\$141.96	<b>\$157.80</b>	11.2%	3,941	-	\$0	\$559,464	\$559,464	3,941	-	\$0	\$621,890	\$621,890
<u>Decorative Standard</u>															
<u>&gt; 16 ft, for UG Service</u>															
Alum. AB Niagara Rdwy (no base)			\$996.24	<b>\$1,107.60</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Decorative Standard</u>															
<u>&lt;= 16 ft, for UG or URD Service</u>															
Aluminum, AB, Armory Square			\$515.40	<b>\$573.00</b>	11.2%	140	-	\$0	\$72,156	\$72,156	140	-	\$0	\$80,220	\$80,220
Fiberglass, AB, Presidential			\$240.60	<b>\$267.48</b>	11.2%	552	-	\$0	\$132,811	\$132,811	552	-	\$0	\$147,649	\$147,649
<u>Accessory</u>															
Tenon mounting adaptor			\$66.72	<b>\$74.16</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0

#### ARMS AND BRACKETS

<u>Arm for Standard &gt; 16ft</u>															
corative, Niagara Pedestrian, single			\$290.52	<b>\$323.04</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Arm for Standard &lt;= 16ft</u>															
Dcr. crossarm, double, ornamental			\$157.56	<b>\$175.20</b>	11.2%	33	-	\$0	\$5,199	\$5,199	33	-	\$0	\$5,782	\$5,782
Dcr. crossarm, double, ornamental			\$157.56	<b>\$175.20</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
cr. crossarm, double, contemporary			\$157.56	<b>\$175.20</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Bracket for Wood Pole</u>															
decorative, Park Ave South, single			\$162.00	<b>\$180.12</b>	11.2%	44	-	\$0	\$7,128	\$7,128	44	-	\$0	\$7,925	\$7,925
décor., Metropolitan, all types/sizes			\$108.00	<b>\$120.12</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 3 Revenue at Rate Year 2 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 2 T&D rate	0.13796
Rate Year 3 T&D rate	0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:	11.18%
Target LED Price Increase:	5.35%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fcst Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fcst Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
<b>Standard Offerings (continued)</b>															
<b>BASES</b>															
Decorative Niagara Base			\$443.04	<b>\$492.60</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Decorative Metropolitan Base			\$232.68	<b>\$258.72</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>FOUNDATIONS</b>															
<u>Concrete - Cast-In-Place - for:</u>															
AB SD > 16 ft			\$331.32	<b>\$368.40</b>	11.2%	7,436	-	\$0	\$2,463,696	\$2,463,696	7,436	-	\$0	\$2,739,422	\$2,739,422
AB SD > 16 ft, heavy duty			\$331.32	<b>\$368.40</b>	11.2%	5	-	\$0	\$1,657	\$1,657	5	-	\$0	\$1,842	\$1,842
AB SD <= 16 ft			\$331.32	<b>\$368.40</b>	11.2%	1,770	-	\$0	\$586,436	\$586,436	1,770	-	\$0	\$652,068	\$652,068
AB SD > 16 ft, extra heavy duty			\$331.32	<b>\$368.40</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
FD Conc Foundation			\$331.32	<b>\$368.40</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Concrete - Pre-Cast</u>															
for anchor base standard > 16 ft			\$331.32	<b>\$368.40</b>	11.2%	151	-	\$0	\$50,029	\$50,029	151	-	\$0	\$55,628	\$55,628
for anchor base standard <= 16 ft			\$331.32	<b>\$368.40</b>	11.2%	290	-	\$0	\$96,083	\$96,083	290	-	\$0	\$106,836	\$106,836
<b>CIRCUITRY</b>															
<u>UG Service</u>															
cable and conduit			\$181.68	<b>\$201.96</b>	11.2%	13,260	-	\$0	\$2,409,077	\$2,409,077	13,260	-	\$0	\$2,677,990	\$2,677,990
cable only			\$181.68	<b>\$201.96</b>	11.2%	9,031	-	\$0	\$1,640,752	\$1,640,752	9,031	-	\$0	\$1,823,901	\$1,823,901
direct buried cable			\$181.68	<b>\$201.96</b>	11.2%	1,764	-	\$0	\$320,484	\$320,484	1,764	-	\$0	\$356,257	\$356,257
CR UG Circuit sect			\$181.68	<b>\$201.96</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>URD Service</u>															
direct buried cable			\$135.36	<b>\$150.48</b>	11.2%	6,757	-	\$0	\$914,628	\$914,628	6,757	-	\$0	\$1,016,793	\$1,016,793
CR URD Circuit sect			\$135.36	<b>\$150.48</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>CONVENIENCE OUTLETS</b>															
On New Metal/Composite Stnd			\$82.20	<b>\$91.44</b>	11.2%	264	-	\$0	\$21,701	\$21,701	264	-	\$0	\$24,140	\$24,140
On Existing Metal/Composite Stnd			\$82.20	<b>\$91.44</b>	11.2%	175	-	\$0	\$14,385	\$14,385	175	-	\$0	\$16,002	\$16,002
Power Tap			\$81.36	<b>\$90.48</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>Standard Offering Annual Total:</b>							<b>13,740,760</b>	<b>\$1,895,675</b>	<b>\$17,182,545</b>	<b>\$19,078,220</b>		<b>13,740,760</b>	<b>\$2,082,275</b>	<b>\$18,681,543</b>	<b>\$20,763,818</b>

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 3 Revenue at Rate Year 2 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 2 T&D rate	0.13796
Rate Year 3 T&D rate	0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:	11.18%
Target LED Price Increase:	5.35%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fcst Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fcst Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
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**Closed Offerings**

<b>LAMP &amp; LUMINAIRE</b>															
HPS 1000W High-Mast (6 unit)	6636	347.50	\$1,560.24	<b>\$1,734.60</b>	11.2%	1	27,672	\$3,818	\$1,560	\$5,378	1	27,672	\$4,193	\$1,735	\$5,928

<b>LAMPS</b>															
<u>High Pressure Sodium</u>															
70W	86	347.50	\$12.36	<b>\$13.80</b>	11.7%	8,605	3,085,925	\$425,734	\$106,358	\$532,092	8,605	3,085,925	\$467,641	\$118,749	\$586,390
24 HR - 70W	86	730.00	\$24.72	<b>\$27.60</b>	11.7%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
100W	118	347.50	\$12.36	<b>\$13.80</b>	11.7%	13,731	6,756,476	\$932,123	\$169,715	\$1,101,839	13,731	6,756,476	\$1,023,876	\$189,488	\$1,213,364
24 HR - 100W	118	730.00	\$24.72	<b>\$27.60</b>	11.7%	8	8,269	\$1,141	\$198	\$1,339	8	8,269	\$1,253	\$221	\$1,474
150W	173	347.50	\$12.36	<b>\$13.80</b>	11.7%	18,398	13,272,501	\$1,831,074	\$227,399	\$2,058,474	18,398	13,272,501	\$2,011,315	\$253,892	\$2,265,207
24 HR - 150W	173	730.00	\$24.72	<b>\$27.60</b>	11.7%	51	77,289	\$10,663	\$1,261	\$11,924	51	77,289	\$11,712	\$1,408	\$13,120
250W	304	347.50	\$12.36	<b>\$13.80</b>	11.7%	7,403	9,384,635	\$1,294,704	\$91,501	\$1,386,205	7,403	9,384,635	\$1,422,148	\$102,161	\$1,524,309
24 HR - 250W	304	730.00	\$24.72	<b>\$27.60</b>	11.7%	81	215,706	\$29,759	\$2,002	\$31,761	81	215,706	\$32,688	\$2,236	\$34,924
400W	470	347.50	\$12.36	<b>\$13.80</b>	11.7%	1,766	3,461,183	\$477,505	\$21,828	\$499,333	1,766	3,461,183	\$524,508	\$24,371	\$548,879
24 HR - 400W	470	730.00	\$24.72	<b>\$27.60</b>	11.7%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
1000W	1106	347.50	\$24.96	<b>\$27.72</b>	11.1%	5	23,060	\$3,181	\$125	\$3,306	5	23,060	\$3,495	\$139	\$3,633
<u>Metal Halide</u>															
175W	207	347.50	\$85.32	<b>\$94.80</b>	11.1%	1,451	1,252,489	\$172,793	\$123,799	\$296,593	1,451	1,252,489	\$189,802	\$137,555	\$327,357
250W	295	347.50	\$85.32	<b>\$94.80</b>	11.1%	261	321,069	\$44,295	\$22,269	\$66,563	261	321,069	\$48,655	\$24,743	\$73,398
400W	451	347.50	\$85.32	<b>\$94.80</b>	11.1%	558	1,049,414	\$144,777	\$47,609	\$192,386	558	1,049,414	\$159,028	\$52,898	\$211,927
1000W	1078	347.50	\$85.32	<b>\$94.80</b>	11.1%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0

<b>LUMINAIRES</b>															
Aspen Grove 70			\$154.56	<b>\$171.84</b>	11.2%	90	-	\$0	\$13,910	\$13,910	90	-	\$0	\$15,466	\$15,466
Aspen Grove 100			\$154.56	<b>\$171.84</b>	11.2%	1,220	-	\$0	\$188,563	\$188,563	1,220	-	\$0	\$209,645	\$209,645
Aspen Grove 150			\$154.56	<b>\$171.84</b>	11.2%	1,667	-	\$0	\$257,652	\$257,652	1,667	-	\$0	\$286,457	\$286,457
Aspen Grove 175			\$154.56	<b>\$171.84</b>	11.2%	204	-	\$0	\$31,530	\$31,530	204	-	\$0	\$35,055	\$35,055
Central Park 100			\$188.88	<b>\$210.00</b>	11.2%	651	-	\$0	\$122,961	\$122,961	651	-	\$0	\$136,710	\$136,710
Central Park 175			\$188.88	<b>\$210.00</b>	11.2%	750	-	\$0	\$141,660	\$141,660	750	-	\$0	\$157,500	\$157,500
Coach 70			\$112.32	<b>\$124.92</b>	11.2%	285	-	\$0	\$32,011	\$32,011	285	-	\$0	\$35,602	\$35,602
Coach 100			\$112.32	<b>\$124.92</b>	11.2%	783	-	\$0	\$87,947	\$87,947	783	-	\$0	\$97,812	\$97,812
Coach 150			\$112.32	<b>\$124.92</b>	11.2%	79	-	\$0	\$8,873	\$8,873	79	-	\$0	\$9,869	\$9,869
Coach 175			\$112.32	<b>\$124.92</b>	11.2%	16	-	\$0	\$1,797	\$1,797	16	-	\$0	\$1,999	\$1,999
Delaware Park 150			\$306.24	<b>\$340.44</b>	11.2%	22	-	\$0	\$6,737	\$6,737	22	-	\$0	\$7,490	\$7,490
Delaware Park 175			\$306.24	<b>\$340.44</b>	11.2%	206	-	\$0	\$63,085	\$63,085	206	-	\$0	\$70,131	\$70,131
Delaware Park 250			\$378.24	<b>\$420.48</b>	11.2%	765	-	\$0	\$289,354	\$289,354	765	-	\$0	\$321,667	\$321,667
Delaware Park 400			\$378.24	<b>\$420.48</b>	11.2%	586	-	\$0	\$221,649	\$221,649	586	-	\$0	\$246,401	\$246,401
Delaware Park Pedestrian 100			\$259.20	<b>\$288.12</b>	11.2%	62	-	\$0	\$16,070	\$16,070	62	-	\$0	\$17,863	\$17,863
Delaware Park Pedestrian 175			\$259.20	<b>\$288.12</b>	11.2%	10	-	\$0	\$2,592	\$2,592	10	-	\$0	\$2,881	\$2,881
Edgewater 100			\$206.88	<b>\$230.04</b>	11.2%	73	-	\$0	\$15,102	\$15,102	73	-	\$0	\$16,793	\$16,793
Edgewater 150			\$206.88	<b>\$230.04</b>	11.2%	439	-	\$0	\$90,820	\$90,820	439	-	\$0	\$100,988	\$100,988
Edgewater 175			\$206.88	<b>\$230.04</b>	11.2%	134	-	\$0	\$27,722	\$27,722	134	-	\$0	\$30,825	\$30,825
Edison 70			\$121.20	<b>\$134.76</b>	11.2%	23	-	\$0	\$2,788	\$2,788	23	-	\$0	\$3,099	\$3,099
Edison 100			\$121.20	<b>\$134.76</b>	11.2%	337	-	\$0	\$40,844	\$40,844	337	-	\$0	\$45,414	\$45,414
Edison 150			\$121.20	<b>\$134.76</b>	11.2%	5	-	\$0	\$606	\$606	5	-	\$0	\$674	\$674

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 3 Revenue at Rate Year 2 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 2 T&D rate	0.13796
Rate Year 3 T&D rate	0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:	11.18%
Target LED Price Increase:	5.35%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fcst Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fcst Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
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**Closed Offerings (continued)**

**LUMINAIRES (continued)**

Floodlight 250			\$92.88	<b>\$103.32</b>	11.2%	167	-	\$0	\$15,511	\$15,511	167	-	\$0	\$17,254	\$17,254
Floodlight 400			\$92.88	<b>\$103.32</b>	11.2%	184	-	\$0	\$17,090	\$17,090	184	-	\$0	\$19,011	\$19,011
Little Falls - Post Top, 70			\$194.16	<b>\$215.88</b>	11.2%	79	-	\$0	\$15,339	\$15,339	79	-	\$0	\$17,055	\$17,055
Little Falls - Teardrop, 70			\$238.20	<b>\$264.84</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Roadway 70			\$85.68	<b>\$95.28</b>	11.2%	7,606	-	\$0	\$651,682	\$651,682	7,606	-	\$0	\$724,700	\$724,700
Roadway 100			\$85.68	<b>\$95.28</b>	11.2%	9,038	-	\$0	\$774,376	\$774,376	9,038	-	\$0	\$861,141	\$861,141
Roadway 150			\$85.68	<b>\$95.28</b>	11.2%	15,957	-	\$0	\$1,367,196	\$1,367,196	15,957	-	\$0	\$1,520,383	\$1,520,383
Roadway 175			\$85.68	<b>\$95.28</b>	11.2%	312	-	\$0	\$26,732	\$26,732	312	-	\$0	\$29,727	\$29,727
Roadway 250			\$85.68	<b>\$95.28</b>	11.2%	6,621	-	\$0	\$567,287	\$567,287	6,621	-	\$0	\$630,849	\$630,849
Roadway 400			\$85.68	<b>\$95.28</b>	11.2%	1,602	-	\$0	\$137,259	\$137,259	1,602	-	\$0	\$152,639	\$152,639
Roadway, 1000			\$193.92	<b>\$215.64</b>	11.2%	7	-	\$0	\$1,357	\$1,357	7	-	\$0	\$1,509	\$1,509
Shoebox 100			\$102.12	<b>\$113.52</b>	11.2%	4	-	\$0	\$408	\$408	4	-	\$0	\$454	\$454
Shoebox 150			\$102.12	<b>\$113.52</b>	11.2%	83	-	\$0	\$8,476	\$8,476	83	-	\$0	\$9,422	\$9,422
Shoebox 250			\$102.12	<b>\$113.52</b>	11.2%	121	-	\$0	\$12,357	\$12,357	121	-	\$0	\$13,736	\$13,736
Shoebox 400			\$102.12	<b>\$113.52</b>	11.2%	58	-	\$0	\$5,923	\$5,923	58	-	\$0	\$6,584	\$6,584
Shoebox, 1000			\$231.96	<b>\$257.88</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Traditional 70			\$75.72	<b>\$84.24</b>	11.3%	452	-	\$0	\$34,225	\$34,225	452	-	\$0	\$38,076	\$38,076
Traditional 100			\$75.72	<b>\$84.24</b>	11.3%	1,454	-	\$0	\$110,097	\$110,097	1,454	-	\$0	\$122,485	\$122,485
Traditional 150			\$75.72	<b>\$84.24</b>	11.3%	53	-	\$0	\$4,013	\$4,013	53	-	\$0	\$4,465	\$4,465
Traditional 175			\$75.72	<b>\$84.24</b>	11.3%	48	-	\$0	\$3,635	\$3,635	48	-	\$0	\$4,044	\$4,044
Underpass 100			\$126.24	<b>\$140.40</b>	11.2%	170	-	\$0	\$21,461	\$21,461	170	-	\$0	\$23,868	\$23,868
Underpass 150			\$126.24	<b>\$140.40</b>	11.2%	120	-	\$0	\$15,149	\$15,149	120	-	\$0	\$16,848	\$16,848
Underpass 250			\$126.24	<b>\$140.40</b>	11.2%	64	-	\$0	\$8,079	\$8,079	64	-	\$0	\$8,986	\$8,986
Washington (Armory Square) 100			\$205.68	<b>\$228.72</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Williamsville 70			\$177.48	<b>\$197.28</b>	11.2%	114	-	\$0	\$20,233	\$20,233	114	-	\$0	\$22,490	\$22,490
Williamsville 100			\$177.48	<b>\$197.28</b>	11.2%	44	-	\$0	\$7,809	\$7,809	44	-	\$0	\$8,680	\$8,680
Williamsville 150			\$177.48	<b>\$197.28</b>	11.2%	8	-	\$0	\$1,420	\$1,420	8	-	\$0	\$1,578	\$1,578
Williamsville 175			\$177.48	<b>\$197.28</b>	11.2%	114	-	\$0	\$20,233	\$20,233	114	-	\$0	\$22,490	\$22,490

**POLES/STANDARDS**

<u>Standard &lt;= 16 ft</u>															
<u>for UG or URD Service</u>															
aluminum, anchor base (square)			\$215.40	<b>\$239.52</b>	11.2%	35	-	\$0	\$7,539	\$7,539	35	-	\$0	\$8,383	\$8,383
<u>Decorative Standard</u>															
<u>&lt;= 16 ft, for UG or URD Service</u>															
aluminum, AB, Little Falls			\$303.96	<b>\$337.92</b>	11.2%	17	-	\$0	\$5,167	\$5,167	17	-	\$0	\$5,745	\$5,745

**ARMS AND BRACKETS**

<u>Arm for Standard &lt;= 16ft</u>															
Dcr. (cane/scroll), alum., Little Falls	\$169.68	\$188.64	11.2%	8	-	\$0	\$1,357	\$1,357	8	-	\$0	\$1,509	\$1,509		
Closed Offering Annual Total:					38,935,690	\$5,371,568	\$6,341,308	\$11,712,876		38,935,690	\$5,900,314	\$7,054,047	\$12,954,361		

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Rate Year 3 Revenue at Rate Year 2 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 2 T&D rate	0.13796
Rate Year 3 T&D rate	0.15154

Ratio LED% to HID %: 47.85%

Target Facility Price Increase:	11.18%
Target LED Price Increase:	5.35%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fcst Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fcst Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
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**Obsolete Offerings**

<b>LAMP &amp; LUMINAIRE</b>															
Incandescent < 2500 lumen, Std	202	347.50	\$148.92	<b>\$165.60</b>	11.2%	1	842	\$116	\$149	\$265	1	842	\$128	\$166	\$293
Incandescent 4000 lumen, Enclosed	327	347.50	\$153.48	<b>\$170.64</b>	11.2%	3	4,091	\$564	\$460	\$1,025	3	4,091	\$620	\$512	\$1,132

**LAMPS**

<u>Mercury Vapor</u>															
100W	130	347.50	\$10.56	<b>\$11.76</b>	11.4%	115	62,342	\$8,601	\$1,214	\$9,815	115	62,342	\$9,447	\$1,352	\$10,800
175W	211	347.50	\$10.56	<b>\$11.76</b>	11.4%	388	341,390	\$47,098	\$4,097	\$51,195	388	341,390	\$51,734	\$4,563	\$56,297
400W	477	347.50	\$10.56	<b>\$11.76</b>	11.4%	91	181,007	\$24,972	\$961	\$25,933	91	181,007	\$27,430	\$1,070	\$28,500
1000W	1095	347.50	\$19.80	<b>\$21.96</b>	10.9%	2	9,132	\$1,260	\$40	\$1,299	2	9,132	\$1,384	\$44	\$1,428

**LUMINAIRES**

Contemporary 70			\$119.16	<b>\$132.48</b>	11.2%	16	-	\$0	\$1,907	\$1,907	16	-	\$0	\$2,120	\$2,120
Contemporary 100			\$119.16	<b>\$132.48</b>	11.2%	49	-	\$0	\$5,839	\$5,839	49	-	\$0	\$6,492	\$6,492
Contemporary 175			\$119.16	<b>\$132.48</b>	11.2%	10	-	\$0	\$1,192	\$1,192	10	-	\$0	\$1,325	\$1,325

**POLES/STANDARDS**

<u>Standard/Pole &gt; 16 ft - OH Service</u>															
Steel, anchor base			\$274.20	<b>\$304.80</b>	11.2%	350	-	\$0	\$95,970	\$95,970	350	-	\$0	\$106,680	\$106,680
aluminum, anchor base			\$274.20	<b>\$304.80</b>	11.2%	84	-	\$0	\$23,033	\$23,033	84	-	\$0	\$25,603	\$25,603
<u>Standard &gt; 16 ft for UG or URD Service</u>															
steel, anchor base (50 ft round)			\$497.64	<b>\$553.32</b>	11.2%	8	-	\$0	\$3,981	\$3,981	8	-	\$0	\$4,427	\$4,427
steel, anchor base (35 ft square)			\$282.24	<b>\$313.80</b>	11.2%	4	-	\$0	\$1,129	\$1,129	4	-	\$0	\$1,255	\$1,255
steel, anchor base			\$393.24	<b>\$437.16</b>	11.2%	931	-	\$0	\$366,106	\$366,106	931	-	\$0	\$406,996	\$406,996
steel, anchor base, heavy duty			\$393.24	<b>\$437.16</b>	11.2%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Standard &lt;= 16 ft for UG or URD Service</u>															
steel, anchor base			\$171.96	<b>\$191.16</b>	11.2%	1,091	-	\$0	\$187,608	\$187,608	1,091	-	\$0	\$208,556	\$208,556
steel, direct embedded			\$202.68	<b>\$225.36</b>	11.2%	756	-	\$0	\$153,226	\$153,226	756	-	\$0	\$170,372	\$170,372
<u>Decorative Standard</u>															
<u>&lt;= 16 ft, for UG or URD Service</u>															
cast iron, AB, Armory Square			\$573.00	<b>\$637.08</b>	11.2%	29	-	\$0	\$16,617	\$16,617	29	-	\$0	\$18,475	\$18,475
Fiberglass, DE, Presidential			\$353.52	<b>\$393.00</b>	11.2%	104	-	\$0	\$36,766	\$36,766	104	-	\$0	\$40,872	\$40,872

**FOUNDATIONS**

<u>Mechanical - Screw Type</u>															
for AB standards, all applications			\$169.20	<b>\$188.16</b>	11.2%	6,404	-	\$0	\$1,083,557	\$1,083,557	6,404	-	\$0	\$1,204,977	\$1,204,977

**CONVENIENCE OUTLETS**

Festoon Outlet - Old			\$8.28	<b>\$9.24</b>	11.6%	27	-	\$0	\$224	\$224	27	-	\$0	\$249	\$249
On Any Wood Pole			\$82.20	<b>\$91.44</b>	11.2%	969	-	\$0	\$79,652	\$79,652	969	-	\$0	\$88,605	\$88,605
<b>Obsolete Offering Annual Total:</b>							<b>598,804</b>	<b>\$82,611</b>	<b>\$2,063,728</b>	<b>\$2,146,339</b>	0	<b>598,804</b>	<b>\$90,743</b>	<b>\$2,294,710</b>	<b>\$2,385,453</b>

<b>S.C. 2 Annual Grand Total:</b>	<b>53,275,254</b>	<b>\$7,349,854</b>	<b>\$25,587,580</b>	<b>\$32,937,434</b>								<b>53,275,254</b>	<b>\$8,073,332</b>	<b>\$28,030,300</b>	<b>\$36,103,632</b>
													TARGET	\$8,073,153	\$36,099,272
													PROPOSED MINUS TARGET	\$179	\$4,360

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 3 Revenue at Rate Year 2 and Proposed Rates

## Service Classification No. 2 - Street Lighting (Company Owned and Maintained) - FACILITIES WITH PRICE EXCEPTIONS

Average Increase: **21.95%**

Rate Year 2 T&D rate																0.13796		Average Increase:				21.95%	
Rate Year 3 T&D rate																0.15154							
Customer	Billcode	Description	Billed	Watts	Avg Mo	Rate Year 2	Rate Year 2	Discount	Rate Year 3	Percent	RY2	Rate Year 2	Rate Year 2	Rate Year 2	RY3	Rate Year 3	Rate Year 3	Rate Year 3					
			per	Burn	Retail	PE	Retail vs. PE	Annual	Change	Fcst	Annual	Annual	Annual	Annual	Fcst	Annual	Annual	Annual					
			Lamp	Hours		Facility	Facility		Facility	Facility	Units	Usage	Revenue	Revenue	Revenue	Units	Usage	Revenue					
			(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)					
AMHERST CENTRAL SCHOOL DIST																							
		FD Concrete >16'				\$331.32	\$176.52	-46.7%	\$215.28	22.0%	4	-	\$0	\$706	\$706	4	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$129.60	-28.7%	\$142.68	10.1%	4	-	\$0	\$518	\$518	4	-	\$0					
		Subtotal:										-	\$0	\$1,224	\$1,224	Subtotal:	-	\$0					
CITY OF BUFFALO																							
		FD Concrete >16'				\$331.32	\$160.80	-51.5%	\$203.40	26.5%	234	-	\$0	\$37,627	\$37,627	234	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$104.88	-42.3%	\$124.08	18.3%	234	-	\$0	\$24,542	\$24,542	234	-	\$0					
		FD Concrete <=16'				\$331.32	\$160.20	-51.6%	\$203.04	26.7%	1	-	\$0	\$160	\$160	1	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$121.08	-33.4%	\$136.20	12.5%	1	-	\$0	\$121	\$121	1	-	\$0					
		FD Concrete >16'				\$331.32	\$171.24	-48.3%	\$211.32	23.4%	38	-	\$0	\$6,507	\$6,507	38	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$121.20	-33.3%	\$136.32	12.5%	38	-	\$0	\$4,606	\$4,606	38	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$99.96	-45.0%	\$120.36	20.4%	1,201	-	\$0	\$120,052	\$120,052	1,201	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$123.84	-31.8%	\$138.36	11.7%	155	-	\$0	\$19,195	\$19,195	155	-	\$0					
		FD Concrete <=16'				\$331.32	\$157.32	-52.5%	\$200.88	27.7%	11	-	\$0	\$1,731	\$1,731	11	-	\$0					
		FD Concrete >16'				\$331.32	\$168.12	-49.3%	\$208.92	24.3%	606	-	\$0	\$101,881	\$101,881	606	-	\$0					
		FD Concrete >16'				\$331.32	\$165.60	-50.0%	\$207.00	25.0%	455	-	\$0	\$75,348	\$75,348	455	-	\$0					
		FD Concrete <=16'				\$331.32	\$150.84	-54.5%	\$195.96	29.9%	7	-	\$0	\$1,056	\$1,056	7	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$95.28	-47.6%	\$116.88	22.7%	7	-	\$0	\$667	\$667	7	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$99.96	-45.0%	\$120.36	20.4%	9	-	\$0	\$900	\$900	9	-	\$0					
		Subtotal:										-	\$0	\$394,392	\$394,392	Subtotal:	-	\$0					
CITY OF SCHENECTADY																							
		LL Enclosed IN <2500	202	347.50		\$148.92	\$84.96	-42.9%	\$100.92	18.8%	24	20,217	\$2,789	\$2,039	\$4,828	24	20,217	\$3,064					
		SD Steel <=16' AB PT				\$171.96	\$86.04	-50.0%	\$107.52	25.0%	24	-	\$0	\$2,065	\$2,065	24	-	\$0					
		FD Concrete <=16'				\$331.32	\$160.20	-51.6%	\$203.04	26.7%	24	-	\$0	\$3,845	\$3,845	24	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$121.08	-33.4%	\$136.20	12.5%	24	-	\$0	\$2,906	\$2,906	24	-	\$0					
		Subtotal:										20,217	\$2,789	\$10,855	\$13,644	Subtotal:	20,217	\$3,064					
TOWN OF QUEENSBURY																							
		SD Steel <=16' AB PT				\$171.96	\$89.52	-47.9%	\$110.16	23.1%	26	-	\$0	\$2,328	\$2,328	26	-	\$0					
		FD Concrete <=16'				\$331.32	\$165.36	-50.1%	\$206.88	25.1%	26	-	\$0	\$4,299	\$4,299	26	-	\$0					
		CR UG Cable & Cndt				\$181.68	\$134.88	-25.8%	\$146.64	8.7%	26	-	\$0	\$3,507	\$3,507	26	-	\$0					
		Subtotal:										-	\$0	\$10,134	\$10,134	Subtotal:	-	\$0					
VILLAGE OF KINDERHOOK																							
		LL Open IN 1000	103	347.50		\$0.00	\$52.68	0.0%	\$39.48	-25.1%	2	860	\$119	\$105	\$224	2	860	\$130					
		CR UG Cable & Cndt				\$181.68	\$110.52	-39.2%	\$128.28	16.1%	2	-	\$0	\$221	\$221	2	-	\$0					
		Subtotal:										860	\$119	\$326	\$445	Subtotal:	860	\$130					
VILLAGE OF WILLIAMSVILLE																							
		CR UG Cable & Cndt				\$181.68	\$117.36	-35.4%	\$133.44	13.7%	99	-	\$0	\$11,619	\$11,619	99	-	\$0					
S.C. 2 Price Exceptions Annual Total:												21,077	\$2,908	\$428,550	\$431,458	Total:	\$21,077	\$3,194	\$522,629	\$525,823			
TARGET																		\$3,194	\$525,823				
PROPOSED MINUS TARGET																		\$0	\$0				

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

Rate Year 3 Revenue at Rate Year 2 and Proposed Rates

## Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)

Rate Year 2 T&amp;D rate 0.09471

Rate Year 3 T&amp;D rate 0.10403

Target Facility Price Increase: 11.18%

Description	Rate Year 3 T&D rate		Rate Year 2 Facility Price (c)	Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY2 Fcst Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fcst Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)	
	Billed Watts per Lamp (a)	Avg Mo Burn Hours (b)														
<b><u>Non-contract S.C. 3 Accounts</u></b>																
(Customer owned & maintained)			\$0.00	\$0.00	0.0%	8,969,863	3,982,619	\$377,194	\$0	\$377,194	8,969,863	3,982,619	\$414,312	\$0	\$414,312	
						8,969,863	3,300,910	\$312,629	\$0	\$312,629	8,969,863	3,300,910	\$343,394	\$0	\$343,394	
						8,969,863	3,247,090	\$307,532	\$0	\$307,532	8,969,863	3,247,090	\$337,795	\$0	\$337,795	
						8,969,863	2,735,808	\$259,108	\$0	\$259,108	8,969,863	2,735,808	\$284,606	\$0	\$284,606	
						8,969,863	2,466,712	\$233,622	\$0	\$233,622	8,969,863	2,466,712	\$256,612	\$0	\$256,612	
						8,969,863	2,206,586	\$208,986	\$0	\$208,986	8,969,863	2,206,586	\$229,551	\$0	\$229,551	
						8,969,863	2,368,044	\$224,277	\$0	\$224,277	8,969,863	2,368,044	\$246,348	\$0	\$246,348	
						8,969,863	2,699,929	\$255,710	\$0	\$255,710	8,969,863	2,699,929	\$280,874	\$0	\$280,874	
						8,969,863	2,995,934	\$283,745	\$0	\$283,745	8,969,863	2,995,934	\$311,667	\$0	\$311,667	
						8,969,863	3,525,156	\$333,868	\$0	\$333,868	8,969,863	3,525,156	\$366,722	\$0	\$366,722	
						8,969,863	3,776,312	\$357,655	\$0	\$357,655	8,969,863	3,776,312	\$392,850	\$0	\$392,850	
						8,969,863	4,099,227	\$388,238	\$0	\$388,238	8,969,863	4,099,227	\$426,443	\$0	\$426,443	
<b>POLE ATTACHMENT</b>																
Facility Lighting Attachment			\$10.92	\$12.12	11.0%	40,599	-	\$0	\$443,341	\$443,341	40,599	-	\$0	\$492,060	\$492,060	
<b><u>Contract S.C.3 Account</u></b>																
(S.C. 3 T&D rate per contract. No facility charge unless a Company-procured new facility - then, S.C. 2 price)																
<b>LAMPS</b>																
<u>High Pressure Sodium</u>																
	70W	82	347.50	\$0.00	\$0.00	0.0%	4	1,368	\$130	\$0	\$130	4	1,368	\$142	\$0	\$142
	100W	117	347.50	\$0.00	\$0.00	0.0%	64	31,224	\$2,957	\$0	\$2,957	64	31,224	\$3,248	\$0	\$3,248
	150W	182	347.50	\$0.00	\$0.00	0.0%	722	547,956	\$51,897	\$0	\$51,897	722	547,956	\$57,004	\$0	\$57,004
	250W	302	347.50	\$0.00	\$0.00	0.0%	1,719	2,164,800	\$205,028	\$0	\$205,028	1,719	2,164,800	\$225,204	\$0	\$225,204
	400W	480	347.50	\$0.00	\$0.00	0.0%	21	42,036	\$3,981	\$0	\$3,981	21	42,036	\$4,373	\$0	\$4,373
<u>Metal Halide</u>																
	400W	1	347.50	\$0.00	\$0.00	0.0%	11	48	\$5	\$0	\$5	11	48	\$5	\$0	\$5
<u>Mercury Vapor</u>																
	175W	208	347.50	\$0.00	\$0.00	0.0%	18	15,612	\$1,479	\$0	\$1,479	18	15,612	\$1,624	\$0	\$1,624
<b>LUMINAIRES</b>																
	Edgewater 150			\$0.00	\$0.00	0.0%	721	-	\$0	\$0	\$0	721	-	\$0	\$0	\$0
	Little Falls - Teardrop, 70			\$0.00	\$0.00	0.0%	6	-	\$0	\$0	\$0	6	-	\$0	\$0	\$0
	Roadway 70			\$0.00	\$0.00	0.0%	4	-	\$0	\$0	\$0	4	-	\$0	\$0	\$0
	Roadway 150			\$0.00	\$0.00	0.0%	1	-	\$0	\$0	\$0	1	-	\$0	\$0	\$0
	Roadway 250			\$0.00	\$0.00	0.0%	1,719	-	\$0	\$0	\$0	1,719	-	\$0	\$0	\$0
	Roadway 400			\$0.00	\$0.00	0.0%	11	-	\$0	\$0	\$0	11	-	\$0	\$0	\$0
	Roadway 175			\$0.00	\$0.00	0.0%	2	-	\$0	\$0	\$0	2	-	\$0	\$0	\$0
	Roadway 400			\$0.00	\$0.00	0.0%	21	-	\$0	\$0	\$0	21	-	\$0	\$0	\$0
	Aspen Grove 100			\$0.00	\$0.00	0.0%	34	-	\$0	\$0	\$0	34	-	\$0	\$0	\$0
	Traditional 100			\$0.00	\$0.00	0.0%	24	-	\$0	\$0	\$0	24	-	\$0	\$0	\$0
	Contemporary 175			\$0.00	\$0.00	0.0%	16	-	\$0	\$0	\$0	16	-	\$0	\$0	\$0
<b>POLES/STANDARDS</b>																
	Wood Pole, 1 Span			\$0.00	\$0.00	0.0%	3	-	\$0	\$0	\$0	3	-	\$0	\$0	\$0
	Aluminum, AB, Armory Square			\$0.00	\$0.00	0.0%	1	-	\$0	\$0	\$0	1	-	\$0	\$0	\$0



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Rate Year 3 Revenue at Rate Year 2 and Proposed Rates  
**Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)**

Rate Year 2 T&D rate 0.09471  
Rate Year 3 T&D rate 0.10403

Target Facility Price Increase: 11.18%

Description	Billed Watts per Lamp	Avg Mo Burn Hours	Rate Year 2 Facility Price	Rate Year 3 Proposed Facility Price	Percent Change Facility Price	RY2 Fest Units	Rate Year 2 Annual Usage	Rate Year 2 Annual T&D Revenue	Rate Year 2 Annual Facility Revenue	Rate Year 2 Annual Total Revenue	RY3 Fest Units	Rate Year 3 Annual Usage	Rate Year 3 Annual T&D Revenue	Rate Year 3 Annual Facility Revenue	Rate Year 3 Annual Total Revenue
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)

**Contract S.C.3 Account (continued)**

(S.C. 3 T&D rate per contract. No facility charge unless a Company-procured new facility - then, S.C. 2 price)

**Standard > 16 ft**  
**for UG or URD Service**

Aluminum, anchor base			\$0.00	<b>\$0.00</b>	0.0%	207	-	\$0	\$0	\$0	207	-	\$0	\$0	\$0
steel, anchor base			\$0.00	<b>\$0.00</b>	0.0%	31	-	\$0	\$0	\$0	31	-	\$0	\$0	\$0

**POLES/STANDARDS**

**Standard <= 16 ft**  
**for UG or URD Service**

Aluminum, anchor base, Villager			\$0.00	<b>\$0.00</b>	0.0%	27	-	\$0	\$0	\$0	27	-	\$0	\$0	\$0
Fiberglass, anchor base			\$0.00	<b>\$0.00</b>	0.0%	3	-	\$0	\$0	\$0	3	-	\$0	\$0	\$0
Fiberglass, direct embedded			\$0.00	<b>\$0.00</b>	0.0%	44	-	\$0	\$0	\$0	44	-	\$0	\$0	\$0

**Decorative Standard <= 16 ft**  
**for UG or URD Service**

Aluminum, AB, Armory Square			\$0.00	<b>\$0.00</b>	0.0%	728	-	\$0	\$0	\$0	728	-	\$0	\$0	\$0
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**FOUNDATIONS**

**Concrete - Cast-In-Place**

for AB standard > 16 ft			\$0.00	<b>\$0.00</b>	0.0%	237	-	\$0	\$0	\$0	237	-	\$0	\$0	\$0
for AB standard <= 16 ft			\$0.00	<b>\$0.00</b>	0.0%	760	-	\$0	\$0	\$0	760	-	\$0	\$0	\$0

**CIRCUITRY**

**UG Service**

**first 50 ft or less per pole**

cable and conduit			\$0.00	<b>\$0.00</b>	0.0%	976	-	\$0	\$0	\$0	976	-	\$0	\$0	\$0
cable only			\$0.00	<b>\$0.00</b>	0.0%	15	-	\$0	\$0	\$0	15	-	\$0	\$0	\$0

**URD Service**

**first 10 ft or less per pole**

direct buried cable			\$0.00	<b>\$0.00</b>	0.0%	51	-	\$0	\$0	\$0	51	-	\$0	\$0	\$0
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**S.C.3 Contract Facilities Priced at S.C.2 Rates:**

Lamp: HPS 100W	118	347.50	\$12.36	<b>\$13.80</b>	11.7%	25	12,300	\$1,165	\$309	\$1,474	25	12,300	\$1,280	\$345	\$1,625
Lamp: MH 175W	207	347.50	\$85.32	<b>\$94.80</b>	11.1%	2	1,728	\$164	\$171	\$334	2	1,728	\$180	\$190	\$369
LED Roadway D	96	347.50	\$155.76	<b>\$173.16</b>	11.2%	23	9,204	\$872	\$3,582	\$4,454	23	9,204	\$957	\$3,983	\$4,940
LED Princeton C	65	347.50	\$118.68	<b>\$132.00</b>	11.2%	9	2,436	\$231	\$1,068	\$1,299	9	2,436	\$253	\$1,188	\$1,441
Luminaire: Aspen Grove 100			\$154.56	<b>\$171.84</b>	11.2%	25	-	\$0	\$3,864	\$3,864	25	-	\$0	\$4,296	\$4,296
Standard <= 16 ft: Fiberglass, direct			\$141.96	<b>\$157.80</b>	11.2%	25	-	\$0	\$3,549	\$3,549	25	-	\$0	\$3,945	\$3,945
Dec Standard <= 16 ft: Alum, Armory Square			\$515.40	<b>\$573.00</b>	11.2%	1	-	\$0	\$515	\$515	1	-	\$0	\$573	\$573
Foundation for AB standard > 16 ft			\$331.32	<b>\$368.40</b>	11.2%	2	-	\$0	\$663	\$663	2	-	\$0	\$737	\$737
Foundation for AB standard <= 16 ft			\$331.32	<b>\$368.40</b>	11.2%	1	-	\$0	\$331	\$331	1	-	\$0	\$368	\$368
UG Circuitry, cable and conduit			\$181.68	<b>\$201.96</b>	11.2%	2	-	\$0	\$363	\$363	2	-	\$0	\$404	\$404
URD Circuitry, direct buried cable			\$135.36	<b>\$150.48</b>	11.2%	25	-	\$0	\$3,384	\$3,384	25	-	\$0	\$3,762	\$3,762

S.C. 3 Annual Total:	<b>40,233,041</b>	<b>\$3,810,471</b>	<b>\$461,141</b>	<b>\$4,271,612</b>		<b>40,233,041</b>	<b>\$4,185,443</b>	<b>\$511,850</b>	<b>\$4,697,294</b>
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TARGET	\$4,185,460	\$512,688	\$4,698,148
PROPOSED MINUS TARGET	-\$16	-\$838	-\$855

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Rate Year 3 Revenue at Rate Year 2 and Proposed Rates  
**Service Classification No. 4 - Traffic Control (Customer Owned and Maintained)**

Rate Year 2 T&D rate	0.01721
Rate Year 3 T&D rate	0.01890

Target Facility Price Increase: **11.18%**

Description	Billcode Description	Rate Year 2	Rate Year 3	Percent			Rate Year 2	Rate Year 2	Rate Year 2			Rate Year 3	Rate Year 3	Rate Year 3	
		Service	Proposed	Change	RY2	Rate Year 2	Annual	Annual	Annual	RY3	Rate Year 3	Annual	Annual	Annual	
		Charge	Service	Service	Fcst	Annual	T&D	Service	Total	Fcst	Annual	T&D	Service	Total	
		Charge	Charge	Charge	Units	Usage	Revenue	Revenue	Revenue	Units	Usage	Revenue	Revenue	Revenue	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
Traffic Control Location Charge	TC Location Charge	\$461.16	\$512.76	11.2%	2,218	n/a	n/a	\$1,022,853	\$1,022,853	2,218	n/a	n/a	\$1,137,302	\$1,137,302	
Traffic Control 30 Day kWh	TC 30 Day kWh	n/a	n/a	n/a	526,839	6,322,068	\$108,803	n/a	\$108,803	526,839	6,322,068	\$119,487	n/a	\$119,487	
S.C. 4 Annual Total:						6,322,068	\$108,803	\$1,022,853	\$1,131,656	6,322,068		\$119,487	\$1,137,302	\$1,256,789	
												TARGET	\$119,510	\$1,137,190	\$1,256,700
												PROPOSED MINUS TARGET	-\$23	\$112	\$89

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Rate Year 3 Revenue at Rate Year 2 and Proposed Rates

## Contract Street Lighting (Customer Contributory Provisions)

Rate Year 2 T&amp;D rate 0.13796

Rate Year 3 T&amp;D rate 0.15154

Target Facility Price Increase: 11.18%

Description	Rate Year 3 T&D Rate		Rate Year 3		Percent	RY2 Fest Units (f)	Rate Year 2 Annual Usage (g)	Rate Year 2 Annual T&D Revenue (h)	Rate Year 2 Annual Facility Revenue (i)	Rate Year 2 Annual Total Revenue (j)	RY3 Fest Units (k)	Rate Year 3 Annual Usage (l)	Rate Year 3 Annual T&D Revenue (m)	Rate Year 3 Annual Facility Revenue (n)	Rate Year 3 Annual Total Revenue (o)
	Billed		Rate Year 2	Proposed	Change										
	Watts	Avg Mo	Facility	Facility	Facility										
	per	Burn	Price	Price	Price										
	Lamp	Hours													
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
TOWN OF HAMLIN															
100W	118	347.50	\$11.04	\$12.24	10.9%	6	2,952	\$407	\$66	\$473	6	2,952	\$447	\$73	\$521
Arch. (style unknown) 70/100			\$45.84	\$51.00	11.3%	6	-	\$0	\$275	\$275	6	-	\$0	\$306	\$306
Fiberglass, anchor base			\$38.88	\$43.20	11.1%	6	-	\$0	\$233	\$233	6	-	\$0	\$259	\$259
for AB standards, all applications			\$64.08	\$71.28	11.2%	6	-	\$0	\$384	\$384	6	-	\$0	\$428	\$428
direct buried cable			\$7.92	\$8.76	10.6%	6	-	\$0	\$48	\$48	6	-	\$0	\$53	\$53
CR EF DB Cable/ft			\$0.60	\$0.72	20.0%	284	-	\$0	\$170	\$170	284	-	\$0	\$204	\$204
TOWN OF HAMLIN HILLCREST SUBDIV SC 5															
100W	118	347.50	\$11.04	\$12.24	10.9%	13	6,396	\$882	\$144	\$1,026	13	6,396	\$969	\$159	\$1,128
150W	173	347.50	\$11.40	\$12.72	11.6%	3	2,160	\$298	\$34	\$332	3	2,160	\$327	\$38	\$365
Arch. (style unknown) 70/100			\$45.84	\$51.00	11.3%	10	-	\$0	\$458	\$458	10	-	\$0	\$510	\$510
LM Arch 150/175			\$34.80	\$38.64	11.0%	3	-	\$0	\$104	\$104	3	-	\$0	\$116	\$116
Fiberglass, anchor base			\$38.88	\$43.20	11.1%	16	-	\$0	\$622	\$622	16	-	\$0	\$691	\$691
for anchor base standard <= 16 ft			\$114.00	\$126.72	11.2%	12	-	\$0	\$1,368	\$1,368	12	-	\$0	\$1,521	\$1,521
for AB standards, all applications			\$64.08	\$71.28	11.2%	4	-	\$0	\$256	\$256	4	-	\$0	\$285	\$285
direct buried cable			\$7.92	\$8.76	10.6%	16	-	\$0	\$127	\$127	16	-	\$0	\$140	\$140
CR EF DB Cable/ft			\$0.60	\$0.72	20.0%	344	-	\$0	\$206	\$206	344	-	\$0	\$248	\$248
Edison 100			\$45.84	\$51.00	11.3%	3	-	\$0	\$138	\$138	3	-	\$0	\$153	\$153
Contract Annual Total:							11,508	\$1,588	\$4,635	\$6,222					
TARGET													\$1,744	\$5,153	\$6,896
PROPOSED MINUS TARGET													\$0	\$32	\$32

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

P.S.C. No. 214 ELECTRICITY

Rate Year 3 Revenue at Rate Year 2 and Proposed Rates

LED to HID Rate Ratio Calculation Using Replacement Cost

**Service Classification No. 2 - Street Lighting (Company Owned and Maintained)**

						<b>11.18%</b>	S.C. 2 Facility Target % Increase		Proposed %	Adjusted	Adjusted
		Rate Year 2	Luminaire	Rate Year 2	Target	Target	Replacement	Replacement	Movement	Target	Target
		Price	Units	Revenue	Price	Revenue	Cost	Revenue	to Replace	Price	Revenue
Description	Component	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
<b>HID Roadway Lamps</b>											
<u>High Pressure Sodium</u>											
	70W	SC2NMP000000101	\$12.36	8,605	\$106,358	\$13.80	\$118,749	N/A	\$0	\$14.27	\$122,788
	100W	SC2NMP000000201	\$12.36	13,731	\$169,715	\$13.80	\$189,488	N/A	\$0	\$14.27	\$195,933
	150W	SC2NMP000000301	\$12.36	18,398	\$227,399	\$13.80	\$253,892	N/A	\$0	\$14.27	\$262,528
	250W	SC2NMP000000401	\$12.36	7,403	\$91,501	\$13.80	\$102,161	N/A	\$0	\$14.27	\$105,636
	400W	SC2NMP000000501	\$12.36	1,766	\$21,828	\$13.80	\$24,371	N/A	\$0	\$14.27	\$25,200
	1000W	SC2NMP000000601	\$24.96	5	\$125	\$27.72	\$139	N/A	\$0	\$28.82	\$144
<u>Metal Halide</u>											
	175W	SC2NMP000000701	\$85.32	1,451	\$123,799	\$94.80	\$137,555	N/A	\$0	\$98.50	\$142,924
	250W	SC2NMP000000801	\$85.32	261	\$22,269	\$94.80	\$24,743	N/A	\$0	\$98.50	\$25,709
	400W	SC2NMP000000901	\$85.32	558	\$47,609	\$94.80	\$52,898	N/A	\$0	\$98.50	\$54,963
	1000W	SC2NMP000001001	\$85.32	-	\$0	\$94.80	\$0	N/A	\$0	\$98.50	\$0
<u>Mercury Vapor</u>											
	100W	SC2NMP000001201	\$10.56	115	\$1,214	\$11.76	\$1,352	N/A	\$0	\$12.19	\$1,402
	175W	SC2NMP000001301	\$10.56	388	\$4,097	\$11.76	\$4,563	N/A	\$0	\$12.19	\$4,730
	400W	SC2NMP000001501	\$10.56	91	\$961	\$11.76	\$1,070	N/A	\$0	\$12.19	\$1,109
	1000W	SC2NMP000001701	\$19.80	2	\$40	\$21.96	\$44	N/A	\$0	\$22.86	\$46
				52,774							
<b>HID Roadway Luminaires</b>											
	Roadway 70	SC2NMP000049P01	\$85.68	8,605	\$737,276	\$95.28	\$819,884	\$228.76	\$1,968,473	\$98.92	\$851,172
	Roadway 100	SC2NMP000050P01	\$85.68	13,846	\$1,186,325	\$95.28	\$1,319,247	\$216.33	\$2,995,301	\$98.92	\$1,369,590
	Roadway 150	SC2NMP000051P01	\$85.68	20,237	\$1,733,906	\$95.28	\$1,928,181	\$223.36	\$4,520,085	\$98.92	\$2,001,762
	Roadway 250	SC2NMP000052P01	\$85.68	7,664	\$656,652	\$95.28	\$730,226	\$247.12	\$1,893,956	\$98.92	\$758,092
	Roadway 400	SC2NMP0000302P01	\$85.68	2,415	\$206,917	\$95.28	\$230,101	\$264.36	\$638,429	\$98.92	\$238,882
	Roadway, 1000	SC2NMP000053P01	\$193.92	7	\$1,357	\$215.64	\$1,509	\$309.37	\$2,166	\$223.88	\$1,567
				52,774							
				Total HID:	\$5,339,349		\$5,940,175		\$12,018,409	9.00%	\$6,164,176
				% of replacement cost	44%		11.25%			HID %	15.45%
<b>LED Roadway Luminaires</b>											
	LL Roadway LED-B	SC2NMPLLEDRWYB01	\$102.48	15,528	\$1,591,309	\$113.88	\$1,768,329	\$168.11	\$2,610,335	\$110.06	\$1,708,938
	LL Roadway LED-C	SC2NMPLLEDRWYC01	\$108.36	27,160	\$2,943,058	\$120.48	\$3,272,237	\$171.78	\$4,665,446	\$116.37	\$3,160,607
	LL Roadway LED-D	SC2NMPLLEDRWYD01	\$134.76	7,664	\$1,032,801	\$149.88	\$1,148,680	\$199.13	\$1,526,106	\$144.72	\$1,109,145
	LL Roadway LED-F	SC2NMPLLEDRWYF01	\$145.68	2,422	\$352,837	\$162.00	\$392,364	\$273.17	\$661,620	\$156.45	\$378,918
				52,774							
				Total LED:	\$5,920,005		\$6,581,610		\$9,463,508	18.67%	\$6,357,608
				% of replacement cost	63%		11.18%			LED %	7.39%
				<b>GRAND TOTAL</b>	<b>\$11,259,353</b>	<b>Target Revenue</b>	<b>\$12,521,784</b>	<b>\$21,481,917</b>	<b>Adjusted Target Revenue</b>	<b>\$12,521,784</b>	<b>11.21%</b>
						<b>Total Increase</b>	<b>11.21%</b>				
										<b>Ratio LED% to HID %</b>	<b>47.85%</b>

Notes:

(1) See NMPC May 28, 2024 Exhibit \_\_ (E-RDP-8), Schedule 6.2 of NMPC Luminaire Replacement Cost of Service Study for S.C. No. 2 lamp/luminaire replacement costs (lamp replacement costs included in luminaire costs).

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Target Post Rate Year 3 Revenue Per Lighting Service Class

**Forecast Post Rate Year 3 Revenue at Rate Year 3 Rates**

Service Class	Post RY3 Usage	RY3 T&D Rate	T&D Revenue	Facility Revenue	Total Revenue	Pct. of Revenue from T&D	Pct. of Total Revenue
SC-1	15,329,172	0.16234	\$2,488,538	\$2,157,412	\$4,645,950	53.6%	9.5%
SC-1 LED	1,484,280	0.16234	\$240,958	\$427,342	\$668,300	36.1%	1.4%
	16,813,452		\$2,729,496	\$2,584,754	\$5,314,250	51.4%	10.9%
SC-2	40,447,058	0.16234	\$6,566,175	\$20,408,964	\$26,975,139	24.3%	55.3%
SC-2 LED	12,828,196	0.16234	\$2,082,529	\$7,621,336	\$9,703,865	21.5%	19.9%
<sup>1</sup> SC-2 PE	21,077	0.16234	\$3,422	\$522,629	\$526,051	0.7%	1.1%
<sup>2</sup> Contract	11,508	0.16234	\$1,868	\$5,184	\$7,053	26.5%	0.0%
	53,307,839		\$8,653,995	\$28,558,113	\$37,212,108	23.3%	76.3%
SC-3	40,233,041	0.11144	\$4,483,570	\$511,850	\$4,995,420	89.8%	10.2%
<sup>3</sup> SC-4	6,322,068	0.02025	\$128,022	\$1,137,302	\$1,265,324	10.1%	2.6%
Total	116,676,399		\$15,995,082	\$32,792,019	\$48,787,102	32.8%	100.0%

<sup>4</sup> Revenue Requirement Allocated to Lighting: \$46,073,919  
Dollar Increase for Lighting Post Rate Year 3: -\$2,713,183  
Percentage Increase for Lighting Post Rate Year 3: -5.56%

**Facility Revenue Target Adjustment**

	Facility Revenue	
Total Target Facility Revenue:	\$30,968,366	<i>a = Proposed Revenue Requirement less Proposed T&amp;D Revenue</i>
<sup>5</sup> PE % Inc.:	23.75%	<i>b = Present SC2 PE Facility Dollars x PE % Inc.</i>
<sup>6</sup> LED % Inc.:	-3.48%	<i>c = Present SC1 LED + SC2 LED Facility Dollars x LED % Inc.</i>
Non-PE & Non-LED Target Facility Revenue:	\$22,553,173	<i>d = a - b - c</i>
Non-PE & Non-LED Present Facility Revenue:	\$24,220,712	<i>e = Present Total Facility - SC2 PE Facility - SC1 LED Facility - SC2 LED Facility</i>
Dollar Increase for non-PE & non-LED Facilities:	-\$1,667,538	<i>f = d - e</i>
Percentage Increase for non-PE & non-LED Facilities:	-6.88%	<i>g = f / e</i>

Notes:

- (1) Facility Price Exceptions ("PE") on SC-2 customer accounts.
- (2) Special Contracts within SC-2 customer accounts.
- (3) The SC-4 basic service charges are included in "facility revenue" above and elsewhere, for convenience of presentation.
- (4) Post Rate Year 3 Target Delivery Revenue for Lighting before Incremental Low Income Discount. Source: Appendix 2, Schedule 3E, page 2, Line 11.
- (5) PE facility increase based on remainder of 10-year phase out; rate shown in Appendix 2, Schedule 8.1.4, page 12 is average increase across all PE facilities.
- (6) LED facility increases reduced based on movement to replacement cost per Appendix 2, Schedule 8.1.4, page 17.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Target Post Rate Year 3 Revenue Per Lighting Service Class

**Post Rate Year 3 Target Revenue**

Service Class	Post RY3 Usage	Target T&D Rate <sup>1</sup>	T&D Revenue	Facility Revenue	Total Revenue	Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Rate Increase %	Facility Price Increase %
SC-1	15,329,172	0.15331	\$2,350,143	\$2,008,879	\$4,359,023	53.9%	9.5%	-5.56%	-6.88%
SC-1 LED	1,484,280	0.15331	\$227,558	\$412,462	\$640,020	35.6%	1.4%	-5.56%	-3.48%
	16,813,452		\$2,577,701	\$2,421,341	\$4,999,042	51.6%	10.9%		
SC-2	40,447,058	0.15331	\$6,201,013	\$19,003,855	\$25,204,868	24.6%	54.7%	-5.56%	-6.88%
SC-2 LED	12,828,196	0.15331	\$1,966,714	\$7,355,956	\$9,322,670	21.1%	20.2%	-5.56%	-3.48%
SC-2 PE	21,077	0.15331	\$3,231	\$646,775	\$650,007	0.5%	1.4%	-5.56%	23.75%
Contract	11,508	0.15331	\$1,764	\$4,827	\$6,592	26.8%	0.0%	-5.56%	-6.88%
	53,307,839		\$8,172,722	\$27,011,414	\$35,184,136	23.2%	76.4%		
SC-3	40,233,041	0.10524	\$4,234,227	\$476,611	\$4,710,837	89.9%	10.2%	-5.56%	-6.88%
SC-4	6,322,068	0.01912	\$120,902	\$1,059,001	\$1,179,903	10.2%	2.6%	-5.56%	-6.88%
Total	116,676,399		\$15,105,552	\$30,968,367	\$46,073,919	32.8%	100.0%		
		<i>Dollar Increase:</i>	-\$889,530	-\$1,823,653	-\$2,713,183				
		<i>Percent Increase:</i>	-5.56%	-5.56%	-5.56%				

**Post Rate Year 3 Revenue at Proposed Rates**

Service Class	Post RY3 Usage	Proposed T&D Rate <sup>2</sup>	T&D Revenue	Facility Revenue	Total Revenue <sup>3</sup>	Pct. of Revenue from T&D	Pct. of Total Revenue	T&D Revenue Increase %	Facility Revenue Increase %	Total Revenue Increase %
SC-1	15,329,172	0.15331	\$2,350,115	\$2,008,727	\$4,358,842	53.9%	9.5%	-5.56%	-6.89%	-6.18%
SC-1 LED	1,484,280	0.15331	\$227,555	\$412,482	\$640,037	35.6%	1.4%	-5.56%	-3.48%	-4.23%
	16,813,452		\$2,577,670	\$2,421,209	\$4,998,879	51.6%	10.8%			
SC-2	40,447,058	0.15331	\$6,200,938	\$19,001,898	\$25,202,836	24.6%	54.7%	-5.56%	-6.89%	-6.57%
SC-2 LED	12,828,196	0.15331	\$1,966,691	\$7,357,859	\$9,324,550	21.1%	20.2%	-5.56%	-3.46%	-3.91%
SC-2PE	21,077	0.15331	\$3,231	\$646,775	\$650,006	0.5%	1.4%	-5.56%	23.75%	23.56%
Contract	11,508	0.15331	\$1,764	\$4,858	\$6,623	26.6%	0.0%	-5.56%	-6.29%	-6.10%
	53,307,839		\$8,172,625	\$27,011,391	\$35,184,015	23.2%	76.4%			
SC-3	40,233,041	0.10524	\$4,234,125	\$476,384	\$4,710,509	89.9%	10.2%	-5.56%	-6.93%	-5.70%
SC-4	6,322,068	0.01912	\$120,878	\$1,059,051	\$1,179,929	10.2%	2.6%	-5.58%	-6.88%	-6.75%
Total	116,676,399		\$15,105,298	\$30,968,034	\$46,073,332	32.8%	100.0%			
		<i>Dollar Increase:</i>	-\$889,784	-\$1,823,986	-\$2,713,770					
		<i>Percent Increase:</i>	-5.56%	-5.56%	-5.56%					

**Final Post Rate Year 3 Proposed Volumetric Rates with Low Income (LI) Adder**

Service Class	Proposed T&D Rate	Incremental LI Discount Rate Adder <sup>4</sup>	Total Proposed T&D Rate	T&D Revenue Increase %	Service Class	Incremental LI Discount T&D Revenue	Total Revenue Including LI Adder
SC-1/SC-2	0.15331	0.00987	<b>0.16318</b>	0.52%	SC-1	\$165,949	<b>\$5,164,828</b>
Contract	0.15331	0.00987	<b>0.16318</b>	0.52%	SC-2/Contract	\$526,148	<b>\$35,710,164</b>
SC-3	0.10524	0.00677	<b>0.11201</b>	0.51%	SC-3	\$272,378	<b>\$4,982,886</b>
SC-4	0.01912	0.00123	<b>0.02035</b>	0.49%	SC-4	\$7,776	<b>\$1,187,705</b>
					Total:	\$972,251	<b>\$47,045,583</b>

Notes:

(1) Target T&D rates are not rounded.

(2) Proposed T&D rates below are rounded to five decimal places.

(3) Total Revenue differs from Target Revenue due to T&D and Facility rate rounding.

(4) Incremental Low Income Discount added back to Street Lighting Class. Source: Appendix 2, Schedule 3F, page 4, lines 18-21.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates

## Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

Rate Year 3 T&D rate	0.16234
Post Rate Year 3 T&D rate	0.15331

Ratio LED% to HID %: 50.57%

Target Facility Price Increase:	-6.88%
Target LED Price Increase:	-3.48%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Rate Year 3 Facility Price (c)	Post Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY3 Fest Units (f)	Rate Year 3 Annual Usage (g)	Rate Year 3 Annual T&D Revenue (h)	Rate Year 3 Annual Facility Revenue (i)	Rate Year 3 Annual Total Revenue (j)	Post RY3 Fest Units (k)	Post Rate Year 3 Annual Usage (l)	Post Rate Year 3 Annual T&D Revenue (m)	Post Rate Year 3 Annual Facility Revenue (n)	Post Rate Year 3 Annual Total Revenue (o)
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## Standard Offerings

## LAMP &amp; LUMINAIRE

## LED

LL Roadway LED-B	9	108	\$108.00	<b>\$104.28</b>	-3.4%	575	62,100	\$10,081	\$62,100	\$72,181	575	62,100	\$9,521	\$59,961	\$69,482
LL Roadway LED-C	17	204	\$114.12	<b>\$110.16</b>	-3.5%	1,188	242,352	\$39,343	\$135,575	\$174,918	1,188	242,352	\$37,155	\$130,870	\$168,025
LL Roadway LED-D	33	396	\$141.96	<b>\$137.04</b>	-3.5%	543	215,028	\$34,908	\$77,084	\$111,992	543	215,028	\$32,966	\$74,413	\$107,379
LL Roadway LED-F	73	876	\$153.48	<b>\$148.08</b>	-3.5%	562	492,312	\$79,922	\$86,256	\$166,178	562	492,312	\$75,476	\$83,221	\$158,697
LL Floodlight LED-E	53	636	\$104.28	<b>\$100.68</b>	-3.5%	138	87,768	\$14,248	\$14,391	\$28,639	138	87,768	\$13,456	\$13,894	\$27,350
LL Floodlight LED-F	70	840	\$113.40	<b>\$109.44</b>	-3.5%	458	384,720	\$62,455	\$51,937	\$114,393	458	384,720	\$58,981	\$50,124	\$109,105
LED Lamp & Luminaire Annual Total:							<b>1,484,280</b>	<b>\$240,958</b>	<b>\$427,342</b>	<b>\$668,300</b>		<b>1,484,280</b>	<b>\$227,555</b>	<b>\$412,482</b>	<b>\$640,037</b>

## POLES/STANDARDS

## Overhead Service

Additional Wood Pole			\$137.16	<b>\$127.68</b>	-6.9%	3,548	-	\$0	\$486,644	\$486,644	3,548	-	\$0	\$453,009	\$453,009
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## CIRCUITRY

Overhead Service - one span			\$64.20	<b>\$59.76</b>	-6.9%	4,153	-	\$0	\$266,623	\$266,623	4,153	-	\$0	\$248,183	\$248,183
Standard Offering Annual Total:							<b>1,484,280</b>	<b>\$240,958</b>	<b>\$1,180,609</b>	<b>\$1,421,567</b>		<b>1,484,280</b>	<b>\$227,555</b>	<b>\$1,113,674</b>	<b>\$1,341,229</b>

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates

## Service Classification No. 1 - Private Lighting (Company Owned and Maintained)

Rate Year 3 T&D rate	0.16234
Post Rate Year 3 T&D rate	0.15331

Ratio LED% to HID %: 50.57%

Target Facility Price Increase:	-6.88%
Target LED Price Increase:	-3.48%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Rate Year 3 Facility Price (c)	Post Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY3 Fest Units (f)	Rate Year 3 Annual Usage (g)	Rate Year 3 Annual T&D Revenue (h)	Rate Year 3 Annual Facility Revenue (i)	Rate Year 3 Annual Total Revenue (j)	Post RY3 Fest Units (k)	Post Rate Year 3 Annual Usage (l)	Post Rate Year 3 Annual T&D Revenue (m)	Post Rate Year 3 Annual Facility Revenue (n)	Post Rate Year 3 Annual Total Revenue (o)
<b>Closed Offerings</b>															
<b>POLES/STANDARDS</b>															
<u>Underground Service</u>															
Standards > 16 ft.															
Aluminum - AB - w/davit			\$377.40	<b>\$351.36</b>	-6.9%	17	-	\$0	\$6,416	\$6,416	17	-	\$0	\$5,973	\$5,973
Aluminum - AB - square			\$827.64	<b>\$770.64</b>	-6.9%	3	-	\$0	\$2,483	\$2,483	3	-	\$0	\$2,312	\$2,312
Standard <= 16 ft.															
Fiberglass, AB			\$130.92	<b>\$121.92</b>	-6.9%	108	-	\$0	\$14,139	\$14,139	108	-	\$0	\$13,167	\$13,167
Fiberglass, direct embedded			\$175.20	<b>\$163.08</b>	-6.9%	69	-	\$0	\$12,089	\$12,089	69	-	\$0	\$11,253	\$11,253
<b>FOUNDATIONS</b>															
<u>Concrete - Cast-In-Place (CIP)</u>															
For AB standard > 16 ft.			\$440.04	<b>\$409.80</b>	-6.9%	9	-	\$0	\$3,960	\$3,960	9	-	\$0	\$3,688	\$3,688
<u>Concrete - Pre-Cast (PC)</u>															
for AB standards			\$262.92	<b>\$244.80</b>	-6.9%	5	-	\$0	\$1,315	\$1,315	5	-	\$0	\$1,224	\$1,224
<b>CIRCUITRY</b>															
<u>Underground Service</u>															
Cable and conduit, per foot			\$3.84	<b>\$3.60</b>	-6.3%	1,732	-	\$0	\$6,651	\$6,651	1,732	-	\$0	\$6,235	\$6,235
Cable only, per foot			\$0.36	<b>\$0.36</b>	0.0%	772	-	\$0	\$278	\$278	772	-	\$0	\$278	\$278
Direct buried cable, per foot			\$2.40	<b>\$2.28</b>	-5.0%	5,382	-	\$0	\$12,917	\$12,917	5,382	-	\$0	\$12,271	\$12,271
<b>Closed Offerings Annual Total:</b>							-	<b>\$0</b>	<b>\$60,247</b>	<b>\$60,247</b>	-	-	<b>\$0</b>	<b>\$56,401</b>	<b>\$56,401</b>



**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

**P.S.C. No. 214 ELECTRICITY**

**Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates**

**Service Classification No. 1 - Private Lighting (Company Owned and Maintained)**

Rate Year 3 T&D rate	0.16234
Post Rate Year 3 T&D rate	0.15331

Ratio LED% to HID %: 50.57%

Target Facility Price Increase:	-6.88%
Target LED Price Increase:	-3.48%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Post Rate Year 3 Facility Price (c)	Proposed Facility Price (d)	Percent Change Facility Price (e)	RY3 Fest Units (f)	Rate Year 3 Annual Usage (g)	Rate Year 3 Annual T&D Revenue (h)	Rate Year 3 Annual Facility Revenue (i)	Rate Year 3 Annual Total Revenue (j)	Post RY3 Fest Units (k)	Post Rate Year 3 Annual Usage (l)	Post Rate Year 3 Annual T&D Revenue (m)	Post Rate Year 3 Annual Facility Revenue (n)	Post Rate Year 3 Annual Total Revenue (o)
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**Obsolete Offerings**

**LAMP & LUMINAIRE**

Mercury Vapor

Floodlight, 400W	166	1,992	\$109.68	<b>\$102.12</b>	-6.9%	30	59,760	\$9,701	\$3,290	\$12,992	30	59,760	\$9,162	\$3,064	\$12,225
Floodlight, 1000W	381	4,572	\$167.16	<b>\$155.64</b>	-6.9%	7	32,004	\$5,196	\$1,170	\$6,366	7	32,004	\$4,907	\$1,089	\$5,996
Roadway, 175W	73	876	\$109.68	<b>\$102.12</b>	-6.9%	1,003	878,628	\$142,636	\$110,009	\$252,646	1,003	878,628	\$134,702	\$102,426	\$237,129
Roadway, 400W	166	1,992	\$109.68	<b>\$102.12</b>	-6.9%	673	1,340,616	\$217,636	\$73,815	\$291,450	673	1,340,616	\$205,530	\$68,727	\$274,257
Roadway, 1000W	381	4,572	\$236.04	<b>\$219.84</b>	-6.9%	112	512,064	\$83,128	\$26,436	\$109,565	112	512,064	\$78,505	\$24,622	\$103,127

High Pressure Sodium

Coach, 70W	30	360	\$198.12	<b>\$184.44</b>	-6.9%	12	4,320	\$701	\$2,377	\$3,079	12	4,320	\$662	\$2,213	\$2,876
Coach, 100W	41	492	\$198.12	<b>\$184.44</b>	-6.9%	1	492	\$80	\$198	\$278	1	492	\$75	\$184	\$260
Coach, 150W	60	720	\$198.12	<b>\$184.44</b>	-6.9%	17	12,240	\$1,987	\$3,368	\$5,355	17	12,240	\$1,877	\$3,135	\$5,012
Edison, 70W	30	360	\$198.12	<b>\$184.44</b>	-6.9%	25	9,000	\$1,461	\$4,953	\$6,414	25	9,000	\$1,380	\$4,611	\$5,991
Edison, 100W	41	492	\$198.12	<b>\$184.44</b>	-6.9%	90	44,280	\$7,188	\$17,831	\$25,019	90	44,280	\$6,789	\$16,600	\$23,388
Floodlight, 250W	106	1,272	\$130.92	<b>\$121.92</b>	-6.9%	1,013	1,288,536	\$209,181	\$132,622	\$341,803	1,013	1,288,536	\$197,545	\$123,505	\$321,050
Floodlight, 400W	163	1,956	\$130.92	<b>\$121.92</b>	-6.9%	1,345	2,630,820	\$427,087	\$176,087	\$603,175	1,345	2,630,820	\$403,331	\$163,982	\$567,313
Floodlight, 1000W	385	4,620	\$162.48	<b>\$151.32</b>	-6.9%	176	813,120	\$132,002	\$28,596	\$160,598	176	813,120	\$124,659	\$26,632	\$151,292
Roadway, 70W	30	360	\$107.28	<b>\$99.84</b>	-6.9%	386	138,960	\$22,559	\$41,410	\$63,969	386	138,960	\$21,304	\$38,538	\$59,842
Roadway, 100W	41	492	\$107.28	<b>\$99.84</b>	-6.9%	1,425	701,100	\$113,817	\$152,874	\$266,691	1,425	701,100	\$107,486	\$142,272	\$249,758
Roadway, 150W	60	720	\$107.28	<b>\$99.84</b>	-6.9%	1,365	982,800	\$159,548	\$146,437	\$305,985	1,365	982,800	\$150,673	\$136,282	\$286,955
Roadway, 250W	106	1,272	\$107.28	<b>\$99.84</b>	-6.9%	1,148	1,460,256	\$237,058	\$123,157	\$360,215	1,148	1,460,256	\$223,872	\$114,616	\$338,488
Roadway, 400W	163	1,956	\$107.28	<b>\$99.84</b>	-6.9%	1,210	2,366,760	\$384,220	\$129,809	\$514,029	1,210	2,366,760	\$362,848	\$120,806	\$483,654
Roadway, 1000W	385	4,620	\$225.72	<b>\$210.12</b>	-6.9%	137	632,940	\$102,751	\$30,924	\$133,675	137	632,940	\$97,036	\$28,786	\$125,822
Shoebox, 400W	163	1,956	\$160.44	<b>\$149.40</b>	-6.9%	7	13,692	\$2,223	\$1,123	\$3,346	7	13,692	\$2,099	\$1,046	\$3,145
Traditional, 70W	30	360	\$107.28	<b>\$99.84</b>	-6.9%	6	2,160	\$351	\$644	\$994	6	2,160	\$331	\$599	\$930
Traditional, 100W	41	492	\$107.28	<b>\$99.84</b>	-6.9%	26	12,792	\$2,077	\$2,789	\$4,866	26	12,792	\$1,961	\$2,596	\$4,557
Traditional, 150W	60	720	\$107.28	<b>\$99.84</b>	-6.9%	2	1,440	\$234	\$215	\$448	2	1,440	\$221	\$200	\$420

Metal Halide

LL Flood MH 400W	157	1,884	\$150.72	<b>\$140.40</b>	-6.8%	28	52,752	\$8,564	\$4,220	\$12,784	28	52,752	\$8,087	\$3,931	\$12,019
Floodlight, 400W	157	1,884	\$150.72	<b>\$140.40</b>	-6.8%	707	1,331,988	\$216,235	\$106,559	\$322,794	707	1,331,988	\$204,207	\$99,263	\$303,470
Shoebox, 400W	157	1,884	\$150.72	<b>\$140.40</b>	-6.8%	3	5,652	\$918	\$452	\$1,370	3	5,652	\$867	\$421	\$1,288

**FOUNDATIONS**

Mechanical - Screw Type

for AB standards

\$197.64	<b>\$184.08</b>	-6.9%	114	-	\$0	\$22,531	\$22,531	114	-	\$0	\$20,985	\$20,985
<b>Obsolete Offerings Annual Total:</b>	<b>15,329,172</b>	<b>\$2,488,538</b>	<b>\$1,343,898</b>	<b>\$3,832,436</b>				<b>15,329,172</b>	<b>\$2,350,115</b>	<b>\$1,251,133</b>	<b>\$3,601,249</b>	

**S.C. 1 Annual Grand Total:** **16,813,452** **\$2,729,496** **\$2,584,754** **\$5,314,250**

**TARGET** **\$2,577,701** **\$2,421,341** **\$4,999,042**  
**PROPOSED MINUS TARGET** **-\$31** **-\$132** **-\$163**

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 3 T&D rate	0.16234
Post Rate Year 3 T&D rate	0.15331

Ratio LED% to HID %: 50.57%

Target Facility Price Increase:	-6.88%
Target LED Price Increase:	-3.48%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 3 Facility Price (c)	Post Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY3 Fcst Units (f)	Rate Year 3 Annual Usage (g)	Rate Year 3 Annual T&D Revenue (h)	Rate Year 3 Annual Facility Revenue (i)	Rate Year 3 Annual Total Revenue (j)	Post RY3 Fcst Units (k)	Post Rate Year 3 Annual Usage (l)	Post Rate Year 3 Annual T&D Revenue (m)	Post Rate Year 3 Annual Facility Revenue (n)	Post Rate Year 3 Annual Total Revenue (o)
<b>Standard Offerings</b>															
<b>LAMP &amp; LUMINAIRE</b>															
<b>LED</b>															
LL Arbordale LED-C	53	347.50	\$100.20	<b>\$96.72</b>	-3.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Arbordale LED-D	91	347.50	\$82.92	<b>\$80.04</b>	-3.5%	3	1,138	\$185	\$249	\$434	3	1,138	\$175	\$240	\$415
LL Arbordale LED-E	132	347.50	\$107.40	<b>\$103.68</b>	-3.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Arbordale LED-F	177	347.50	\$139.32	<b>\$134.52</b>	-3.4%	24	17,714	\$2,876	\$3,344	\$6,219	24	17,714	\$2,716	\$3,228	\$5,944
LL Carriage LED-B	35	347.50	\$86.64	<b>\$83.64</b>	-3.5%	908	132,523	\$21,514	\$78,669	\$100,183	908	132,523	\$20,317	\$75,945	\$96,262
LL Carriage LED-C	66	347.50	\$80.76	<b>\$78.00</b>	-3.4%	2,673	735,663	\$119,428	\$215,871	\$335,299	2,673	735,663	\$112,785	\$208,494	\$321,279
LL Floodlight LED-E	151	347.50	\$104.28	<b>\$100.68</b>	-3.5%	25	15,742	\$2,556	\$2,607	\$5,163	25	15,742	\$2,413	\$2,517	\$4,930
LL Floodlight LED-F	200	347.50	\$113.40	<b>\$109.44</b>	-3.5%	22	18,348	\$2,979	\$2,495	\$5,473	22	18,348	\$2,813	\$2,408	\$5,221
LL Highland Pk LED-B	30	347.50	\$123.00	<b>\$118.68</b>	-3.5%	163	20,391	\$3,310	\$20,049	\$23,359	163	20,391	\$3,126	\$19,345	\$22,471
LL Highland Pk LED-C	65	347.50	\$132.36	<b>\$127.80</b>	-3.4%	122	33,068	\$5,368	\$16,148	\$21,516	122	33,068	\$5,070	\$15,592	\$20,661
LL Oxford LED-B	30	347.50	\$97.32	<b>\$93.96</b>	-3.5%	111	13,886	\$2,254	\$10,803	\$13,057	111	13,886	\$2,129	\$10,430	\$12,558
LL Oxford LED-C	57	347.50	\$119.76	<b>\$115.56</b>	-3.5%	251	59,660	\$9,685	\$30,060	\$39,745	251	59,660	\$9,147	\$29,006	\$38,152
LL Princeton LED-B	30	347.50	\$106.08	<b>\$102.36</b>	-3.5%	2	250	\$41	\$212	\$253	2	250	\$38	\$205	\$243
LL Princeton LED-C	65	347.50	\$108.24	<b>\$104.52</b>	-3.4%	64	17,347	\$2,816	\$6,927	\$9,744	64	17,347	\$2,659	\$6,689	\$9,349
LL Roadway LED-B	25	347.50	\$108.00	<b>\$104.28</b>	-3.4%	32,949	3,434,933	\$557,627	\$3,558,492	\$4,116,119	32,949	3,434,933	\$526,610	\$3,435,922	\$3,962,531
24 HR - LL Roadway LED-B	25	730.00	\$226.68	<b>\$218.76</b>	-3.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-C	48	347.50	\$114.12	<b>\$110.16</b>	-3.5%	20,100	4,023,216	\$653,129	\$2,293,812	\$2,946,941	20,100	4,023,216	\$616,799	\$2,214,216	\$2,831,015
24 HR - LL Roadway LED-C	48	730.00	\$239.64	<b>\$231.24</b>	-3.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-D	96	347.50	\$141.96	<b>\$137.04</b>	-3.5%	8,338	3,337,868	\$541,870	\$1,183,662	\$1,725,532	8,338	3,337,868	\$511,729	\$1,142,640	\$1,654,368
24 HR - LL Roadway LED-D	96	730.00	\$298.08	<b>\$287.76</b>	-3.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Roadway LED-F	210	347.50	\$153.48	<b>\$148.08</b>	-3.5%	1,026	898,468	\$145,857	\$157,470	\$303,328	1,026	898,468	\$137,744	\$151,930	\$289,674
24 HR - LL Roadway LED-F	210	730.00	\$322.32	<b>\$311.04</b>	-3.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Underpass LED-B	36	347.50	\$91.44	<b>\$88.20</b>	-3.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
24 HR - LL Underpass LED-B	36	730.00	\$125.28	<b>\$120.96</b>	-3.4%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Underpass LED-C	52	347.50	\$91.44	<b>\$88.20</b>	-3.5%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
24 HR - LL Underpass LED-C	52	730.00	\$125.28	<b>\$120.96</b>	-3.4%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
LL Westminster LED-D	84	347.50	\$322.68	<b>\$311.40</b>	-3.5%	9	3,153	\$512	\$2,904	\$3,416	9	3,153	\$483	\$2,803	\$3,286
LL Westminster LED-E	141	347.50	\$423.84	<b>\$409.08</b>	-3.5%	41	24,107	\$3,913	\$17,377	\$21,291	41	24,107	\$3,696	\$16,772	\$20,468
LL Westminster LED-F	243	347.50	\$470.76	<b>\$454.32</b>	-3.5%	39	39,519	\$6,416	\$18,360	\$24,775	39	39,519	\$6,059	\$17,718	\$23,777
LL Westmin Ped LED-B	28	347.50	\$242.16	<b>\$233.76</b>	-3.5%	1	117	\$19	\$242	\$261	1	117	\$18	\$234	\$252
LL Westmin Ped LED-C	52	347.50	\$316.44	<b>\$305.40</b>	-3.5%	5	1,084	\$176	\$1,582	\$1,758	5	1,084	\$166	\$1,527	\$1,693
<b>LED Lamp &amp; Luminaire Annual Total:</b>							<b>12,828,196</b>	<b>\$2,082,529</b>	<b>\$7,621,336</b>	<b>\$9,703,865</b>		<b>12,828,196</b>	<b>\$1,966,691</b>	<b>\$7,357,859</b>	<b>\$9,324,550</b>

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
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Target LED Price Increase:	-3.48%

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<b>Standard Offerings (continued)</b>															
<b>ENERGY ONLY</b>															
24-HR Energy Only Charge	1	730.00	\$0.00	<b>\$0.00</b>	0.0%	104,174	912,564	\$148,146	\$0	\$148,146	104,174	912,564	\$139,905	\$0	\$139,905
<b>POLES/STANDARDS</b>															
<u>Standard/Pole &gt; 16 ft - OH Service</u>															
Concrete , DE - Metropolitan			\$461.88	<b>\$430.08</b>	-6.9%	8	-	\$0	\$3,695	\$3,695	8	-	\$0	\$3,441	\$3,441
WoodPole OH <= 1SP			\$0.00	<b>\$0.00</b>	0.0%	3,604	-	\$0	\$0	\$0	3,604	-	\$0	\$0	\$0
WoodPole			\$0.00	<b>\$0.00</b>	0.0%	592	-	\$0	\$0	\$0	592	-	\$0	\$0	\$0
<b>POLES/STANDARDS</b>															
<u>Standard &gt; 16 ft</u>															
<u>for UG or URD Service</u>															
Aluminum, anchor base			\$437.16	<b>\$407.04</b>	-6.9%	937	-	\$0	\$409,619	\$409,619	937	-	\$0	\$381,396	\$381,396
Aluminum, anchor base, heavy duty			\$437.16	<b>\$407.04</b>	-6.9%	3	-	\$0	\$1,311	\$1,311	3	-	\$0	\$1,221	\$1,221
Aluminum, anchor base, square			\$873.72	<b>\$813.60</b>	-6.9%	132	-	\$0	\$115,331	\$115,331	132	-	\$0	\$107,395	\$107,395
Fiberglass, anchor base			\$295.08	<b>\$274.80</b>	-6.9%	134	-	\$0	\$39,541	\$39,541	134	-	\$0	\$36,823	\$36,823
<u>Standard &lt;= 16 ft</u>															
<u>for UG or URD Service</u>															
Aluminum, anchor base, Villager			\$191.16	<b>\$177.96</b>	-6.9%	547	-	\$0	\$104,565	\$104,565	547	-	\$0	\$97,344	\$97,344
Fiberglass, anchor base			\$114.60	<b>\$106.68</b>	-6.9%	452	-	\$0	\$51,799	\$51,799	452	-	\$0	\$48,219	\$48,219
Fiberglass, direct embedded			\$157.80	<b>\$146.88</b>	-6.9%	3,941	-	\$0	\$621,890	\$621,890	3,941	-	\$0	\$578,854	\$578,854
<u>Decorative Standard</u>															
<u>&gt; 16 ft, for UG Service</u>															
Alum. AB Niagara Rdwy (no base)			\$1,107.60	<b>\$1,031.40</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Decorative Standard</u>															
<u>&lt;= 16 ft, for UG or URD Service</u>															
Aluminum, AB, Armory Square			\$573.00	<b>\$533.52</b>	-6.9%	140	-	\$0	\$80,220	\$80,220	140	-	\$0	\$74,693	\$74,693
Fiberglass, AB, Presidential			\$267.48	<b>\$249.12</b>	-6.9%	552	-	\$0	\$147,649	\$147,649	552	-	\$0	\$137,514	\$137,514
<u>Accessory</u>															
Tenon mounting adaptor			\$74.16	<b>\$69.00</b>	-7.0%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>ARMS AND BRACKETS</b>															
<u>Arm for Standard &gt; 16ft</u>															
corative, Niagara Pedestrian, single			\$323.04	<b>\$300.84</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Arm for Standard &lt;= 16ft</u>															
Dcr. crossarm, double, ornamental			\$175.20	<b>\$163.08</b>	-6.9%	33	-	\$0	\$5,782	\$5,782	33	-	\$0	\$5,382	\$5,382
Dcr. crossarm, double, ornamental			\$175.20	<b>\$163.08</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
cr. crossarm, double, contemporary			\$175.20	<b>\$163.08</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Bracket for Wood Pole</u>															
decorative, Park Ave South, single			\$180.12	<b>\$167.76</b>	-6.9%	44	-	\$0	\$7,925	\$7,925	44	-	\$0	\$7,381	\$7,381
décor., Metropolitan, all types/sizes			\$120.12	<b>\$111.84</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
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<b>Standard Offerings (continued)</b>															
<b>BASES</b>															
Decorative Niagara Base			\$492.60	<b>\$458.64</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Decorative Metropolitan Base			\$258.72	<b>\$240.96</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>FOUNDATIONS</b>															
<u>Concrete - Cast-In-Place - for:</u>															
AB SD > 16 ft			\$368.40	<b>\$343.08</b>	-6.9%	7,436	-	\$0	\$2,739,422	\$2,739,422	7,436	-	\$0	\$2,551,143	\$2,551,143
AB SD > 16 ft, heavy duty			\$368.40	<b>\$343.08</b>	-6.9%	5	-	\$0	\$1,842	\$1,842	5	-	\$0	\$1,715	\$1,715
AB SD <= 16 ft			\$368.40	<b>\$343.08</b>	-6.9%	1,770	-	\$0	\$652,068	\$652,068	1,770	-	\$0	\$607,252	\$607,252
AB SD > 16 ft, extra heavy duty			\$368.40	<b>\$343.08</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
FD Conc Foundation			\$368.40	<b>\$343.08</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Concrete - Pre-Cast</u>															
for anchor base standard > 16 ft			\$368.40	<b>\$343.08</b>	-6.9%	151	-	\$0	\$55,628	\$55,628	151	-	\$0	\$51,805	\$51,805
for anchor base standard <= 16 ft			\$368.40	<b>\$343.08</b>	-6.9%	290	-	\$0	\$106,836	\$106,836	290	-	\$0	\$99,493	\$99,493
<b>CIRCUITRY</b>															
<u>UG Service</u>															
cable and conduit			\$201.96	<b>\$188.04</b>	-6.9%	13,260	-	\$0	\$2,677,990	\$2,677,990	13,260	-	\$0	\$2,493,410	\$2,493,410
cable only			\$201.96	<b>\$188.04</b>	-6.9%	9,031	-	\$0	\$1,823,901	\$1,823,901	9,031	-	\$0	\$1,698,189	\$1,698,189
direct buried cable			\$201.96	<b>\$188.04</b>	-6.9%	1,764	-	\$0	\$356,257	\$356,257	1,764	-	\$0	\$331,703	\$331,703
CR UG Circuit sect			\$201.96	<b>\$188.04</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>URD Service</u>															
direct buried cable			\$150.48	<b>\$140.16</b>	-6.9%	6,757	-	\$0	\$1,016,793	\$1,016,793	6,757	-	\$0	\$947,061	\$947,061
CR URD Circuit sect			\$150.48	<b>\$140.16</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>CONVENIENCE OUTLETS</b>															
On New Metal/Composite Stnd			\$91.44	<b>\$85.20</b>	-6.8%	264	-	\$0	\$24,140	\$24,140	264	-	\$0	\$22,493	\$22,493
On Existing Metal/Composite Stnd			\$91.44	<b>\$85.20</b>	-6.8%	175	-	\$0	\$16,002	\$16,002	175	-	\$0	\$14,910	\$14,910
Power Tap			\$90.48	<b>\$84.24</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>Standard Offering Annual Total:</b>							<b>13,740,760</b>	<b>\$2,230,675</b>	<b>\$18,681,543</b>	<b>\$20,912,218</b>		<b>13,740,760</b>	<b>\$2,106,596</b>	<b>\$17,656,698</b>	<b>\$19,763,294</b>

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 3 T&D rate	0.16234
Post Rate Year 3 T&D rate	0.15331

Ratio LED% to HID %: 50.57%

Target Facility Price Increase:	-6.88%
Target LED Price Increase:	-3.48%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 3 Facility Price (c)	Post Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY3 Fcst Units (f)	Rate Year 3 Annual Usage (g)	Rate Year 3 Annual T&D Revenue (h)	Rate Year 3 Annual Facility Revenue (i)	Rate Year 3 Annual Total Revenue (j)	Post RY3 Fcst Units (k)	Post Rate Year 3 Annual Usage (l)	Post Rate Year 3 Annual T&D Revenue (m)	Post Rate Year 3 Annual Facility Revenue (n)	Post Rate Year 3 Annual Total Revenue (o)
<b>Closed Offerings</b>															
<b>LAMP &amp; LUMINAIRE</b>															
HPS 1000W High-Mast (6 unit)	6636	347.50	\$1,734.60	<b>\$1,615.20</b>	-6.9%	1	27,672	\$4,492	\$1,735	\$6,227	1	27,672	\$4,242	\$1,615	\$5,858
<b>LAMPS</b>															
<u>High Pressure Sodium</u>															
70W	86	347.50	\$13.80	<b>\$12.84</b>	-7.0%	8,605	3,085,925	\$500,969	\$118,749	\$619,718	8,605	3,085,925	\$473,103	\$110,488	\$583,591
24 HR - 70W	86	730.00	\$27.60	<b>\$25.68</b>	-7.0%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
100W	118	347.50	\$13.80	<b>\$12.84</b>	-7.0%	13,731	6,756,476	\$1,096,846	\$189,488	\$1,286,334	13,731	6,756,476	\$1,035,835	\$176,306	\$1,212,141
24 HR - 100W	118	730.00	\$27.60	<b>\$25.68</b>	-7.0%	8	8,269	\$1,342	\$221	\$1,563	8	8,269	\$1,268	\$205	\$1,473
150W	173	347.50	\$13.80	<b>\$12.84</b>	-7.0%	18,398	13,272,501	\$2,154,658	\$253,892	\$2,408,550	18,398	13,272,501	\$2,034,807	\$236,230	\$2,271,037
24 HR - 150W	173	730.00	\$27.60	<b>\$25.68</b>	-7.0%	51	77,289	\$12,547	\$1,408	\$13,955	51	77,289	\$11,849	\$1,310	\$13,159
250W	304	347.50	\$13.80	<b>\$12.84</b>	-7.0%	7,403	9,384,635	\$1,523,502	\$102,161	\$1,625,663	7,403	9,384,635	\$1,438,758	\$95,055	\$1,533,813
24 HR - 250W	304	730.00	\$27.60	<b>\$25.68</b>	-7.0%	81	215,706	\$35,018	\$2,236	\$37,253	81	215,706	\$33,070	\$2,080	\$35,150
400W	470	347.50	\$13.80	<b>\$12.84</b>	-7.0%	1,766	3,461,183	\$561,889	\$24,371	\$586,259	1,766	3,461,183	\$530,634	\$22,675	\$553,309
24 HR - 400W	470	730.00	\$27.60	<b>\$25.68</b>	-7.0%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
1000W	1106	347.50	\$27.72	<b>\$25.80</b>	-6.9%	5	23,060	\$3,744	\$139	\$3,882	5	23,060	\$3,535	\$129	\$3,664
<u>Metal Halide</u>															
175W	207	347.50	\$94.80	<b>\$88.32</b>	-6.8%	1,451	1,252,489	\$203,329	\$137,555	\$340,884	1,451	1,252,489	\$192,019	\$128,152	\$320,171
250W	295	347.50	\$94.80	<b>\$88.32</b>	-6.8%	261	321,069	\$52,122	\$24,743	\$76,865	261	321,069	\$49,223	\$23,052	\$72,275
400W	451	347.50	\$94.80	<b>\$88.32</b>	-6.8%	558	1,049,414	\$170,362	\$52,898	\$223,260	558	1,049,414	\$160,886	\$49,283	\$210,168
1000W	1078	347.50	\$94.80	<b>\$88.32</b>	-6.8%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<b>LUMINAIRES</b>															
Aspen Grove 70			\$171.84	<b>\$159.96</b>	-6.9%	90	-	\$0	\$15,466	\$15,466	90	-	\$0	\$14,396	\$14,396
Aspen Grove 100			\$171.84	<b>\$159.96</b>	-6.9%	1,220	-	\$0	\$209,645	\$209,645	1,220	-	\$0	\$195,151	\$195,151
Aspen Grove 150			\$171.84	<b>\$159.96</b>	-6.9%	1,667	-	\$0	\$286,457	\$286,457	1,667	-	\$0	\$266,653	\$266,653
Aspen Grove 175			\$171.84	<b>\$159.96</b>	-6.9%	204	-	\$0	\$35,055	\$35,055	204	-	\$0	\$32,632	\$32,632
Central Park 100			\$210.00	<b>\$195.60</b>	-6.9%	651	-	\$0	\$136,710	\$136,710	651	-	\$0	\$127,336	\$127,336
Central Park 175			\$210.00	<b>\$195.60</b>	-6.9%	750	-	\$0	\$157,500	\$157,500	750	-	\$0	\$146,700	\$146,700
Coach 70			\$124.92	<b>\$116.28</b>	-6.9%	285	-	\$0	\$35,602	\$35,602	285	-	\$0	\$33,140	\$33,140
Coach 100			\$124.92	<b>\$116.28</b>	-6.9%	783	-	\$0	\$97,812	\$97,812	783	-	\$0	\$91,047	\$91,047
Coach 150			\$124.92	<b>\$116.28</b>	-6.9%	79	-	\$0	\$9,869	\$9,869	79	-	\$0	\$9,186	\$9,186
Coach 175			\$124.92	<b>\$116.28</b>	-6.9%	16	-	\$0	\$1,999	\$1,999	16	-	\$0	\$1,860	\$1,860
Delaware Park 150			\$340.44	<b>\$317.04</b>	-6.9%	22	-	\$0	\$7,490	\$7,490	22	-	\$0	\$6,975	\$6,975
Delaware Park 175			\$340.44	<b>\$317.04</b>	-6.9%	206	-	\$0	\$70,131	\$70,131	206	-	\$0	\$65,310	\$65,310
Delaware Park 250			\$420.48	<b>\$391.56</b>	-6.9%	765	-	\$0	\$321,667	\$321,667	765	-	\$0	\$299,543	\$299,543
Delaware Park 400			\$420.48	<b>\$391.56</b>	-6.9%	586	-	\$0	\$246,401	\$246,401	586	-	\$0	\$229,454	\$229,454
Delaware Park Pedestrian 100			\$288.12	<b>\$268.32</b>	-6.9%	62	-	\$0	\$17,863	\$17,863	62	-	\$0	\$16,636	\$16,636
Delaware Park Pedestrian 175			\$288.12	<b>\$268.32</b>	-6.9%	10	-	\$0	\$2,881	\$2,881	10	-	\$0	\$2,683	\$2,683
Edgewater 100			\$230.04	<b>\$214.20</b>	-6.9%	73	-	\$0	\$16,793	\$16,793	73	-	\$0	\$15,637	\$15,637
Edgewater 150			\$230.04	<b>\$214.20</b>	-6.9%	439	-	\$0	\$100,988	\$100,988	439	-	\$0	\$94,034	\$94,034
Edgewater 175			\$230.04	<b>\$214.20</b>	-6.9%	134	-	\$0	\$30,825	\$30,825	134	-	\$0	\$28,703	\$28,703
Edison 70			\$134.76	<b>\$125.52</b>	-6.9%	23	-	\$0	\$3,099	\$3,099	23	-	\$0	\$2,887	\$2,887
Edison 100			\$134.76	<b>\$125.52</b>	-6.9%	337	-	\$0	\$45,414	\$45,414	337	-	\$0	\$42,300	\$42,300
Edison 150			\$134.76	<b>\$125.52</b>	-6.9%	5	-	\$0	\$674	\$674	5	-	\$0	\$628	\$628

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
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**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 3 T&D rate	0.16234
Post Rate Year 3 T&D rate	0.15331

Ratio LED% to HID %: 50.57%

Target Facility Price Increase:	-6.88%
Target LED Price Increase:	-3.48%

	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 3 Facility Price (c)	Post Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY3 Fcst Units (f)	Rate Year 3 Annual Usage (g)	Rate Year 3 Annual T&D Revenue (h)	Rate Year 3 Annual Facility Revenue (i)	Rate Year 3 Annual Total Revenue (j)	Post RY3 Fcst Units (k)	Post Rate Year 3 Annual Usage (l)	Post Rate Year 3 Annual T&D Revenue (m)	Post Rate Year 3 Annual Facility Revenue (n)	Post Rate Year 3 Annual Total Revenue (o)
Closed Offerings (continued)															
LUMINAIRES (continued)															
Floodlight 250			\$103.32	\$96.24	-6.9%	167	-	\$0	\$17,254	\$17,254	167	-	\$0	\$16,072	\$16,072
Floodlight 400			\$103.32	\$96.24	-6.9%	184	-	\$0	\$19,011	\$19,011	184	-	\$0	\$17,708	\$17,708
Little Falls - Post Top, 70			\$215.88	\$201.00	-6.9%	79	-	\$0	\$17,055	\$17,055	79	-	\$0	\$15,879	\$15,879
Roadway 70			\$95.28	\$88.68	-6.9%	7,606	-	\$0	\$724,700	\$724,700	7,606	-	\$0	\$674,500	\$674,500
Roadway 100			\$95.28	\$88.68	-6.9%	9,038	-	\$0	\$861,141	\$861,141	9,038	-	\$0	\$801,490	\$801,490
Roadway 150			\$95.28	\$88.68	-6.9%	15,957	-	\$0	\$1,520,383	\$1,520,383	15,957	-	\$0	\$1,415,067	\$1,415,067
Roadway 175			\$95.28	\$88.68	-6.9%	312	-	\$0	\$29,727	\$29,727	312	-	\$0	\$27,668	\$27,668
Roadway 250			\$95.28	\$88.68	-6.9%	6,621	-	\$0	\$630,849	\$630,849	6,621	-	\$0	\$587,150	\$587,150
Roadway 400			\$95.28	\$88.68	-6.9%	1,602	-	\$0	\$152,639	\$152,639	1,602	-	\$0	\$142,065	\$142,065
Roadway, 1000			\$215.64	\$200.76	-6.9%	7	-	\$0	\$1,509	\$1,509	7	-	\$0	\$1,405	\$1,405
Shoebox 100			\$113.52	\$105.72	-6.9%	4	-	\$0	\$454	\$454	4	-	\$0	\$423	\$423
Shoebox 150			\$113.52	\$105.72	-6.9%	83	-	\$0	\$9,422	\$9,422	83	-	\$0	\$8,775	\$8,775
Shoebox 250			\$113.52	\$105.72	-6.9%	121	-	\$0	\$13,736	\$13,736	121	-	\$0	\$12,792	\$12,792
Shoebox 400			\$113.52	\$105.72	-6.9%	58	-	\$0	\$6,584	\$6,584	58	-	\$0	\$6,132	\$6,132
Traditional 70			\$84.24	\$78.48	-6.8%	452	-	\$0	\$38,076	\$38,076	452	-	\$0	\$35,473	\$35,473
Traditional 100			\$84.24	\$78.48	-6.8%	1,454	-	\$0	\$122,485	\$122,485	1,454	-	\$0	\$114,110	\$114,110
Traditional 150			\$84.24	\$78.48	-6.8%	53	-	\$0	\$4,465	\$4,465	53	-	\$0	\$4,159	\$4,159
Traditional 175			\$84.24	\$78.48	-6.8%	48	-	\$0	\$4,044	\$4,044	48	-	\$0	\$3,767	\$3,767
Underpass 100			\$140.40	\$130.68	-6.9%	170	-	\$0	\$23,868	\$23,868	170	-	\$0	\$22,216	\$22,216
Underpass 150			\$140.40	\$130.68	-6.9%	120	-	\$0	\$16,848	\$16,848	120	-	\$0	\$15,682	\$15,682
Underpass 250			\$140.40	\$130.68	-6.9%	64	-	\$0	\$8,986	\$8,986	64	-	\$0	\$8,364	\$8,364
Washington (Army Square) 100			\$228.72	\$213.00	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
Williamsville 70			\$197.28	\$183.72	-6.9%	114	-	\$0	\$22,490	\$22,490	114	-	\$0	\$20,944	\$20,944
Williamsville 100			\$197.28	\$183.72	-6.9%	44	-	\$0	\$8,680	\$8,680	44	-	\$0	\$8,084	\$8,084
Williamsville 150			\$197.28	\$183.72	-6.9%	8	-	\$0	\$1,578	\$1,578	8	-	\$0	\$1,470	\$1,470
Williamsville 175			\$197.28	\$183.72	-6.9%	114	-	\$0	\$22,490	\$22,490	114	-	\$0	\$20,944	\$20,944
POLES/STANDARDS															
Standard <= 16 ft for UG or URD Service															
aluminum, anchor base (square)			\$239.52	\$223.08	-6.9%	35	-	\$0	\$8,383	\$8,383	35	-	\$0	\$7,808	\$7,808
Decorative Standard <= 16 ft, for UG or URD Service															
aluminum, AB, Little Falls			\$337.92	\$314.64	-6.9%	17	-	\$0	\$5,745	\$5,745	17	-	\$0	\$5,349	\$5,349
ARMS AND BRACKETS															
Arm for Standard <= 16ft															
Dcr. (cane/scroll), alum., Little Falls			\$188.64	\$175.68	-6.9%	8	-	\$0	\$1,509	\$1,509	8	-	\$0	\$1,405	\$1,405
Closed Offering Annual Total:							38,935,690	\$6,320,820	\$7,054,047	\$13,374,866	38,935,690 \$5,969,231 \$6,566,372 \$12,535,603				

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
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**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Rate Year 3 T&D rate	0.16234
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Ratio LED% to HID %: 50.57%

Target Facility Price Increase:	-6.88%
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Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Rate Year 3 Facility Price (c)	Post Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY3 Fcst Units (f)	Rate Year 3 Annual Usage (g)	Rate Year 3 Annual T&D Revenue (h)	Rate Year 3 Annual Facility Revenue (i)	Rate Year 3 Annual Total Revenue (j)	Post RY3 Fcst Units (k)	Post Rate Year 3 Annual Usage (l)	Post Rate Year 3 Annual T&D Revenue (m)	Post Rate Year 3 Annual Facility Revenue (n)	Post Rate Year 3 Annual Total Revenue (o)
<b>Obsolete Offerings</b>															
<b>LAMP &amp; LUMINAIRE</b>															
Incandescent < 2500 lumen, Std	202	347.50	\$165.60	<b>\$154.20</b>	-6.9%	1	842	\$137	\$166	\$302	1	842	\$129	\$154	\$283
Incandescent 4000 lumen, Enclosed	327	347.50	\$170.64	<b>\$158.88</b>	-6.9%	3	4,091	\$664	\$512	\$1,176	3	4,091	\$627	\$477	\$1,104
<b>LAMPS</b>															
<u>Mercury Vapor</u>															
100W	130	347.50	\$11.76	<b>\$10.92</b>	-7.1%	115	62,342	\$10,121	\$1,352	\$11,473	115	62,342	\$9,558	\$1,256	\$10,813
175W	211	347.50	\$11.76	<b>\$10.92</b>	-7.1%	388	341,390	\$55,421	\$4,563	\$59,984	388	341,390	\$52,338	\$4,237	\$56,575
400W	477	347.50	\$11.76	<b>\$10.92</b>	-7.1%	91	181,007	\$29,385	\$1,070	\$30,455	91	181,007	\$27,750	\$994	\$28,744
1000W	1095	347.50	\$21.96	<b>\$20.40</b>	-7.1%	2	9,132	\$1,483	\$44	\$1,526	2	9,132	\$1,400	\$41	\$1,441
<b>LUMINAIRES</b>															
Contemporary 70			\$132.48	<b>\$123.36</b>	-6.9%	16	-	\$0	\$2,120	\$2,120	16	-	\$0	\$1,974	\$1,974
Contemporary 100			\$132.48	<b>\$123.36</b>	-6.9%	49	-	\$0	\$6,492	\$6,492	49	-	\$0	\$6,045	\$6,045
Contemporary 175			\$132.48	<b>\$123.36</b>	-6.9%	10	-	\$0	\$1,325	\$1,325	10	-	\$0	\$1,234	\$1,234
<b>POLES/STANDARDS</b>															
<u>Standard/Pole &gt; 16 ft - OH Service</u>															
Steel, anchor base			\$304.80	<b>\$283.80</b>	-6.9%	350	-	\$0	\$106,680	\$106,680	350	-	\$0	\$99,330	\$99,330
aluminum, anchor base			\$304.80	<b>\$283.80</b>	-6.9%	84	-	\$0	\$25,603	\$25,603	84	-	\$0	\$23,839	\$23,839
<u>Standard &gt; 16 ft</u>															
<u>for UG or URD Service</u>															
steel, anchor base (50 ft round)			\$553.32	<b>\$515.28</b>	-6.9%	8	-	\$0	\$4,427	\$4,427	8	-	\$0	\$4,122	\$4,122
steel, anchor base (35 ft square)			\$313.80	<b>\$292.20</b>	-6.9%	4	-	\$0	\$1,255	\$1,255	4	-	\$0	\$1,169	\$1,169
steel, anchor base			\$437.16	<b>\$407.04</b>	-6.9%	931	-	\$0	\$406,996	\$406,996	931	-	\$0	\$378,954	\$378,954
steel, anchor base, heavy duty			\$437.16	<b>\$407.04</b>	-6.9%	-	-	\$0	\$0	\$0	-	-	\$0	\$0	\$0
<u>Standard &lt;= 16 ft</u>															
<u>for UG or URD Service</u>															
steel, anchor base			\$191.16	<b>\$177.96</b>	-6.9%	1,091	-	\$0	\$208,556	\$208,556	1,091	-	\$0	\$194,154	\$194,154
steel, direct embedded			\$225.36	<b>\$209.88</b>	-6.9%	756	-	\$0	\$170,372	\$170,372	756	-	\$0	\$158,669	\$158,669
<u>Decorative Standard</u>															
<u>&lt;= 16 ft, for UG or URD Service</u>															
cast iron, AB, Army Square			\$637.08	<b>\$593.16</b>	-6.9%	29	-	\$0	\$18,475	\$18,475	29	-	\$0	\$17,202	\$17,202
Fiberglass, DE, Presidential			\$393.00	<b>\$366.00</b>	-6.9%	104	-	\$0	\$40,872	\$40,872	104	-	\$0	\$38,064	\$38,064
<b>FOUNDATIONS</b>															
<u>Mechanical - Screw Type</u>															
for AB standards, all applications			\$188.16	<b>\$175.20</b>	-6.9%	6,404	-	\$0	\$1,204,977	\$1,204,977	6,404	-	\$0	\$1,121,981	\$1,121,981
<b>CONVENIENCE OUTLETS</b>															
Festoon Outlet - Old			\$9.24	<b>\$8.64</b>	-6.5%	27	-	\$0	\$249	\$249	27	-	\$0	\$233	\$233
On Any Wood Pole			\$91.44	<b>\$85.20</b>	-6.8%	969	-	\$0	\$88,605	\$88,605	969	-	\$0	\$82,559	\$82,559
<b>Obsolete Offering Annual Total:</b>							<b>598,804</b>	<b>\$97,210</b>	<b>\$2,294,710</b>	<b>\$2,391,920</b>	<b>0</b>	<b>598,804</b>	<b>\$91,803</b>	<b>\$2,136,687</b>	<b>\$2,228,489</b>
<b>S.C. 2 Annual Grand Total:</b>							<b>53,275,254</b>	<b>\$8,648,705</b>	<b>\$28,030,300</b>	<b>\$36,679,004</b>		<b>53,275,254</b>	<b>\$8,167,629</b>	<b>\$26,359,757</b>	<b>\$34,527,386</b>
													<b>TARGET</b>	<b>\$8,167,727</b>	<b>\$34,527,538</b>
													<b>PROPOSED MINUS TARGET</b>	<b>-\$98</b>	<b>-\$151</b>

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates

## Service Classification No. 2 - Street Lighting (Company Owned and Maintained) - FACILITIES WITH PRICE EXCEPTIONS

Average Increase: **23.75%**

Rate Year 3 T&D rate															0.16234		Average Increase:															23.75%	
Post Rate Year 3 T&D rate															0.15331																		
Customer	Billcode Description	Billed	Avg Mo	Rate Year 3	Rate Year 3	Discount	Post Rate Year	Percent	RY3	Rate Year 3	Rate Year 3	Rate Year 3	Rate Year 3	Rate Year 3	Post RY3	Post Rate Year 3	Post Rate Year 3	Post Rate Year 3	Post Rate Year 3														
		Watts	Burn	Retail	PE	Discount	Annual	Change	Fcst	Annual	Annual	Annual	Annual	Fcst	Annual	Annual	Annual	Annual	Annual														
		per	Hours	Facility	Facility	Retail vs. PE	Facility	Facility	Units	Usage	T&D	Facility	Total	Units	Usage	T&D	Facility	Total	Total														
		Lamp		Price	Price	Price	Price	Price			Revenue	Revenue	Revenue				Revenue	Revenue	Revenue														
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)															
AMHERST CENTRAL SCHOOL DIST																																	
	FD Concrete >16'			\$368.40	\$215.28	-41.6%	\$266.28	23.7%	4	-	\$0	\$861	\$861	4	-	\$0	\$1,065	\$1,065															
	CR UG Cable & Cndt			\$201.96	\$142.68	-29.4%	\$162.48	13.9%	4	-	\$0	\$571	\$571	4	-	\$0	\$650	\$650															
	Subtotal:									-	\$0	\$1,432	\$1,432	Subtotal:	-	\$0	\$1,715	\$1,715															
CITY OF BUFFALO																																	
	FD Concrete >16'			\$368.40	\$203.40	-44.8%	\$258.36	27.0%	234	-	\$0	\$47,596	\$47,596	234	-	\$0	\$60,456	\$60,456															
	CR UG Cable & Cndt			\$201.96	\$124.08	-38.6%	\$150.00	20.9%	234	-	\$0	\$29,035	\$29,035	234	-	\$0	\$35,100	\$35,100															
	FD Concrete <=16'			\$368.40	\$203.04	-44.9%	\$258.12	27.1%	1	-	\$0	\$203	\$203	1	-	\$0	\$258	\$258															
	CR UG Cable & Cndt			\$201.96	\$136.20	-32.6%	\$158.16	16.1%	1	-	\$0	\$136	\$136	1	-	\$0	\$158	\$158															
	FD Concrete >16'			\$368.40	\$211.32	-42.6%	\$263.64	24.8%	38	-	\$0	\$8,030	\$8,030	38	-	\$0	\$10,018	\$10,018															
	CR UG Cable & Cndt			\$201.96	\$136.32	-32.5%	\$158.16	16.0%	38	-	\$0	\$5,180	\$5,180	38	-	\$0	\$6,010	\$6,010															
	CR UG Cable & Cndt			\$201.96	\$120.36	-40.4%	\$147.60	22.6%	1,201	-	\$0	\$144,552	\$144,552	1,201	-	\$0	\$177,268	\$177,268															
	CR UG Cable & Cndt			\$201.96	\$138.36	-31.5%	\$159.60	15.4%	155	-	\$0	\$21,446	\$21,446	155	-	\$0	\$24,738	\$24,738															
	FD Concrete <=16'			\$368.40	\$200.88	-45.5%	\$256.68	27.8%	11	-	\$0	\$2,210	\$2,210	11	-	\$0	\$2,823	\$2,823															
	FD Concrete >16'			\$368.40	\$208.92	-43.3%	\$262.08	25.4%	606	-	\$0	\$126,606	\$126,606	606	-	\$0	\$158,820	\$158,820															
	FD Concrete >16'			\$368.40	\$207.00	-43.8%	\$260.76	26.0%	455	-	\$0	\$94,185	\$94,185	455	-	\$0	\$118,646	\$118,646															
	FD Concrete <=16'			\$368.40	\$195.96	-46.8%	\$253.44	29.3%	7	-	\$0	\$1,372	\$1,372	7	-	\$0	\$1,774	\$1,774															
	CR UG Cable & Cndt			\$201.96	\$116.88	-42.1%	\$145.20	24.2%	7	-	\$0	\$818	\$818	7	-	\$0	\$1,016	\$1,016															
	CR UG Cable & Cndt			\$201.96	\$120.36	-40.4%	\$147.60	22.6%	9	-	\$0	\$1,083	\$1,083	9	-	\$0	\$1,328	\$1,328															
	Subtotal:									-	\$0	\$482,451	\$482,451	Subtotal:	-	\$0	\$598,415	\$598,415															
CITY OF SCHENECTADY																																	
	LL Enclosed IN <2500	202	347.50	\$165.60	\$100.92	-39.1%	\$122.52	21.4%	24	20,217	\$3,282	\$2,422	\$5,704	24	20,217	\$3,099	\$2,940	\$6,040															
	SD Steel <=16' AB PT			\$191.16	\$107.52	-43.8%	\$135.36	25.9%	24	-	\$0	\$2,580	\$2,580	24	-	\$0	\$3,249	\$3,249															
	FD Concrete <=16'			\$368.40	\$203.04	-44.9%	\$258.12	27.1%	24	-	\$0	\$4,873	\$4,873	24	-	\$0	\$6,195	\$6,195															
	CR UG Cable & Cndt			\$201.96	\$136.20	-32.6%	\$158.16	16.1%	24	-	\$0	\$3,269	\$3,269	24	-	\$0	\$3,796	\$3,796															
	Subtotal:									20,217	\$3,282	\$13,144	\$16,426	Subtotal:	20,217	\$3,099	\$16,180	\$19,279															
TOWN OF QUEENSBURY																																	
	SD Steel <=16' AB PT			\$191.16	\$110.16	-42.4%	\$137.16	24.5%	26	-	\$0	\$2,864	\$2,864	26	-	\$0	\$3,566	\$3,566															
	FD Concrete <=16'			\$368.40	\$206.88	-43.8%	\$260.76	26.0%	26	-	\$0	\$5,379	\$5,379	26	-	\$0	\$6,780	\$6,780															
	CR UG Cable & Cndt			\$201.96	\$146.64	-27.4%	\$165.12	12.6%	26	-	\$0	\$3,813	\$3,813	26	-	\$0	\$4,293	\$4,293															
	Subtotal:									-	\$0	\$12,056	\$12,056	Subtotal:	-	\$0	\$14,639	\$14,639															
VILLAGE OF KINDERHOOK																																	
	LL Open IN 1000	103	347.50	\$0.00	\$39.48	0.0%	\$26.28	-33.4%	2	860	\$140	\$79	\$219	2	860	\$132	\$53	\$184															
	CR UG Cable & Cndt			\$201.96	\$128.28	-36.5%	\$152.88	19.2%	2	-	\$0	\$257	\$257	2	-	\$0	\$306	\$306															
	Subtotal:									860	\$140	\$336	\$475	Subtotal:	860	\$132	\$358	\$490															
VILLAGE OF WILLIAMSVILLE																																	
	CR UG Cable & Cndt			\$201.96	\$133.44	-33.9%	\$156.24	17.1%	99	-	\$0	\$13,211	\$13,211	99	-	\$0	\$15,468	\$15,468															
S.C. 2 Price Exceptions Annual Total:										21,077	\$3,422	\$522,629	\$526,051	Total:	\$21,077	\$3,231	\$646,775	\$650,006															
																TARGET	\$3,231	\$646,775	\$650,007														
																PROPOSED MINUS TARGET	\$0	\$0	\$0														



## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates

## Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)

Rate Year 3 T&D rate 0.11144  
 Post Rate Year 3 T&D rate 0.10524

Target Facility Price Increase: -6.88%

Description	Rate Year 3 T&D rate		Post Rate Year 3			RY3 Fest Units	Rate Year 3 Annual Usage	Rate Year 3	Rate Year 3	Rate Year 3	Post RY3 Fest Units	Post Rate Year 3 Annual Usage	Post Rate Year 3			Post Rate Year 3	Post Rate Year 3
	Billed Watts	Avg Mo Burn Hours	Rate Year 3 Facility Price	Proposed Facility Price	Percent Change Facility Price			Annual T&D	Annual Facility	Annual Total			Annual T&D	Annual Facility	Annual Total		
	per Lamp							Revenue	Revenue	Revenue			Revenue	Revenue	Revenue		
	(a)	(b)	(c)	(d)	(e)			(f)	(g)	(h)			(i)	(j)	(k)	(l)	(m)
<b><u>Non-contract S.C. 3 Accounts</u></b>																	
(Customer owned & maintained)			\$0.00	<b>\$0.00</b>	0.0%	8,969,863	3,982,619	\$443,823	\$0	\$443,823	8,969,863	3,982,619	\$419,131	\$0	\$419,131		
						8,969,863	3,300,910	\$367,853	\$0	\$367,853	8,969,863	3,300,910	\$347,388	\$0	\$347,388		
						8,969,863	3,247,090	\$361,856	\$0	\$361,856	8,969,863	3,247,090	\$341,724	\$0	\$341,724		
						8,969,863	2,735,808	\$304,878	\$0	\$304,878	8,969,863	2,735,808	\$287,916	\$0	\$287,916		
						8,969,863	2,466,712	\$274,890	\$0	\$274,890	8,969,863	2,466,712	\$259,597	\$0	\$259,597		
						8,969,863	2,206,586	\$245,902	\$0	\$245,902	8,969,863	2,206,586	\$232,221	\$0	\$232,221		
						8,969,863	2,368,044	\$263,895	\$0	\$263,895	8,969,863	2,368,044	\$249,213	\$0	\$249,213		
						8,969,863	2,699,929	\$300,880	\$0	\$300,880	8,969,863	2,699,929	\$284,141	\$0	\$284,141		
						8,969,863	2,995,934	\$333,867	\$0	\$333,867	8,969,863	2,995,934	\$315,292	\$0	\$315,292		
						8,969,863	3,525,156	\$392,843	\$0	\$392,843	8,969,863	3,525,156	\$370,987	\$0	\$370,987		
						8,969,863	3,776,312	\$420,832	\$0	\$420,832	8,969,863	3,776,312	\$397,419	\$0	\$397,419		
						8,969,863	4,099,227	\$456,818	\$0	\$456,818	8,969,863	4,099,227	\$431,403	\$0	\$431,403		

## POLE ATTACHMENT

Facility Lighting Attachment			\$12.12	<b>\$11.28</b>	-6.9%	40,599	-	\$0	\$492,060	\$492,060	40,599	-	\$0	\$457,957	\$457,957
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## Contract S.C.3 Account

(S.C. 3 T&amp;D rate per contract. No facility charge unless a Company-procured new facility - then, S.C. 2 price)

## LAMPS

## High Pressure Sodium

70W	82	347.50	\$0.00	<b>\$0.00</b>	0.0%	4	1,368	\$152	\$0	\$152	4	1,368	\$144	\$0	\$144
100W	117	347.50	\$0.00	<b>\$0.00</b>	0.0%	64	31,224	\$3,480	\$0	\$3,480	64	31,224	\$3,286	\$0	\$3,286
150W	182	347.50	\$0.00	<b>\$0.00</b>	0.0%	722	547,956	\$61,064	\$0	\$61,064	722	547,956	\$57,667	\$0	\$57,667
250W	302	347.50	\$0.00	<b>\$0.00</b>	0.0%	1,719	2,164,800	\$241,245	\$0	\$241,245	1,719	2,164,800	\$227,824	\$0	\$227,824
400W	480	347.50	\$0.00	<b>\$0.00</b>	0.0%	21	42,036	\$4,684	\$0	\$4,684	21	42,036	\$4,424	\$0	\$4,424

## Metal Halide

400W	1	347.50	\$0.00	<b>\$0.00</b>	0.0%	11	48	\$5	\$0	\$5	11	48	\$5	\$0	\$5
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## Mercury Vapor

175W	208	347.50	\$0.00	<b>\$0.00</b>	0.0%	18	15,612	\$1,740	\$0	\$1,740	18	15,612	\$1,643	\$0	\$1,643
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## LUMINAIRES

Edgewater 150			\$0.00	<b>\$0.00</b>	0.0%	721	-	\$0	\$0	\$0	721	-	\$0	\$0	\$0
Little Falls - Teardrop, 70			\$0.00	<b>\$0.00</b>	0.0%	6	-	\$0	\$0	\$0	6	-	\$0	\$0	\$0
Roadway 70			\$0.00	<b>\$0.00</b>	0.0%	4	-	\$0	\$0	\$0	4	-	\$0	\$0	\$0
Roadway 150			\$0.00	<b>\$0.00</b>	0.0%	1	-	\$0	\$0	\$0	1	-	\$0	\$0	\$0
Roadway 250			\$0.00	<b>\$0.00</b>	0.0%	1,719	-	\$0	\$0	\$0	1,719	-	\$0	\$0	\$0
Roadway 400			\$0.00	<b>\$0.00</b>	0.0%	11	-	\$0	\$0	\$0	11	-	\$0	\$0	\$0
Roadway 175			\$0.00	<b>\$0.00</b>	0.0%	2	-	\$0	\$0	\$0	2	-	\$0	\$0	\$0
Roadway 400			\$0.00	<b>\$0.00</b>	0.0%	21	-	\$0	\$0	\$0	21	-	\$0	\$0	\$0
Aspen Grove 100			\$0.00	<b>\$0.00</b>	0.0%	34	-	\$0	\$0	\$0	34	-	\$0	\$0	\$0
Traditional 100			\$0.00	<b>\$0.00</b>	0.0%	24	-	\$0	\$0	\$0	24	-	\$0	\$0	\$0
Contemporary 175			\$0.00	<b>\$0.00</b>	0.0%	16	-	\$0	\$0	\$0	16	-	\$0	\$0	\$0

## POLES/STANDARDS

Wood Pole, 1 Span			\$0.00	<b>\$0.00</b>	0.0%	3	-	\$0	\$0	\$0	3	-	\$0	\$0	\$0
Aluminum, AB, Armory Square			\$0.00	<b>\$0.00</b>	0.0%	1	-	\$0	\$0	\$0	1	-	\$0	\$0	\$0

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates

## Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)

Rate Year 3 T&amp;D rate 0.11144

Post Rate Year 3 T&amp;D rate 0.10524

Target Facility Price Increase: -6.88%

Description	Billed Watts per Lamp (a)	Avg Mo Burn Hours (b)	Rate Year 3 Facility Price (c)	Post Rate Year 3 Proposed Facility Price (d)	Percent Change Facility Price (e)	RY3 Fest Units (f)	Rate Year 3 Annual Usage (g)	Rate Year 3 Annual T&D Revenue (h)	Rate Year 3 Annual Facility Revenue (i)	Rate Year 3 Annual Total Revenue (j)	Post RY3 Fest Units (k)	Post Rate Year 3 Annual Usage (l)	Post Rate Year 3 Annual T&D Revenue (m)	Post Rate Year 3 Annual Facility Revenue (n)	Post Rate Year 3 Annual Total Revenue (o)
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**Contract S.C.3 Account (continued)**

(S.C. 3 T&amp;D rate per contract. No facility charge unless a Company-procured new facility - then, S.C. 2 price)

**Standard > 16 ft****for UG or URD Service**

Aluminum, anchor base			\$0.00	<b>\$0.00</b>	0.0%	207	-	\$0	\$0	\$0	207	-	\$0	\$0	\$0
steel, anchor base			\$0.00	<b>\$0.00</b>	0.0%	31	-	\$0	\$0	\$0	31	-	\$0	\$0	\$0

**POLES/STANDARDS****Standard <= 16 ft****for UG or URD Service**

Aluminum, anchor base, Villager			\$0.00	<b>\$0.00</b>	0.0%	27	-	\$0	\$0	\$0	27	-	\$0	\$0	\$0
Fiberglass, anchor base			\$0.00	<b>\$0.00</b>	0.0%	3	-	\$0	\$0	\$0	3	-	\$0	\$0	\$0
Fiberglass, direct embedded			\$0.00	<b>\$0.00</b>	0.0%	44	-	\$0	\$0	\$0	44	-	\$0	\$0	\$0

**Decorative Standard <= 16 ft****for UG or URD Service**

Aluminum, AB, Armory Square			\$0.00	<b>\$0.00</b>	0.0%	728	-	\$0	\$0	\$0	728	-	\$0	\$0	\$0
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**FOUNDATIONS****Concrete - Cast-In-Place**

for AB standard > 16 ft			\$0.00	<b>\$0.00</b>	0.0%	237	-	\$0	\$0	\$0	237	-	\$0	\$0	\$0
for AB standard <= 16 ft			\$0.00	<b>\$0.00</b>	0.0%	760	-	\$0	\$0	\$0	760	-	\$0	\$0	\$0

**CIRCUITRY****UG Service****first 50 ft or less per pole**

cable and conduit			\$0.00	<b>\$0.00</b>	0.0%	976	-	\$0	\$0	\$0	976	-	\$0	\$0	\$0
cable only			\$0.00	<b>\$0.00</b>	0.0%	15	-	\$0	\$0	\$0	15	-	\$0	\$0	\$0

**URD Service****first 10 ft or less per pole**

direct buried cable			\$0.00	<b>\$0.00</b>	0.0%	51	-	\$0	\$0	\$0	51	-	\$0	\$0	\$0
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**S.C.3 Contract Facilities Priced at S.C.2 Rates:**

Lamp: HPS 100W	118	347.50	\$13.80	<b>\$12.84</b>	-7.0%	25	12,300	\$1,371	\$345	\$1,716	25	12,300	\$1,294	\$321	\$1,615
Lamp: MH 175W	207	347.50	\$94.80	<b>\$88.32</b>	-6.8%	2	1,728	\$193	\$190	\$382	2	1,728	\$182	\$177	\$358
LED Roadway D	96	347.50	\$173.16	<b>\$161.28</b>	-6.9%	23	9,204	\$1,026	\$3,983	\$5,008	23	9,204	\$969	\$3,709	\$4,678
LED Princeton C	65	347.50	\$132.00	<b>\$122.88</b>	-6.9%	9	2,436	\$271	\$1,188	\$1,459	9	2,436	\$256	\$1,106	\$1,362
Luminaire: Aspen Grove 100			\$171.84	<b>\$159.96</b>	-6.9%	25	-	\$0	\$4,296	\$4,296	25	-	\$0	\$3,999	\$3,999
Standard <= 16 ft: Fiberglass, direct embedded			\$157.80	<b>\$146.88</b>	-6.9%	25	-	\$0	\$3,945	\$3,945	25	-	\$0	\$3,672	\$3,672
Standard <= 16 ft: Aluminum, AB, Armory Square			\$573.00	<b>\$533.52</b>	-6.9%	1	-	\$0	\$573	\$573	1	-	\$0	\$534	\$534
Foundation for AB standard > 16 ft			\$368.40	<b>\$343.08</b>	-6.9%	2	-	\$0	\$737	\$737	2	-	\$0	\$686	\$686
Foundation for AB standard <= 16 ft			\$368.40	<b>\$343.08</b>	-6.9%	1	-	\$0	\$368	\$368	1	-	\$0	\$343	\$343
Circuitry: UG Service, cable and conduit			\$201.96	<b>\$188.04</b>	-6.9%	2	-	\$0	\$404	\$404	2	-	\$0	\$376	\$376
Circuitry: URD Service, direct buried cable			\$150.48	<b>\$140.16</b>	-6.9%	25	-	\$0	\$3,762	\$3,762	25	-	\$0	\$3,504	\$3,504

S.C. 3 Annual Total: 40,233,041 \$4,483,570 \$511,850 \$4,995,420

TARGET \$4,234,227 \$476,611 \$4,710,837  
PROPOSED MINUS TARGET -\$101 -\$227 -\$328

**Service Classification No. 4 - Traffic Control (Customer Owned and Maintained)**

-6.88%

Rate Year 3 T&D rate		0.02025		Service Classification No. 4 - Traffic Control (Customer Owned and Maintained)										Target Facility Price Increase:		-6.88%	
Post Rate Year 3 T&D rate		0.01912															
Description	Billcode Description	Rate Year 3	Post Rate Year 3	Percent			Rate Year 3	Rate Year 3	Rate Year 3				Post Rate Year 3	Post Rate Year 3	Post Rate Year 3		
		Service Charge	Proposed Service Charge	Change Service Charge	RY3 Fcst Units	Rate Year 3 Annual Usage	Rate Year 3 Annual T&D Revenue	Rate Year 3 Annual Service Revenue	Rate Year 3 Annual Total Revenue	Post RY3 Fcst Units	Post Rate Year 3 Annual Usage	Post Rate Year 3 Annual T&D Revenue	Post Rate Year 3 Annual Service Revenue	Post Rate Year 3 Annual Total Revenue			
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)			
Traffic Control Location Charge	TC Location Charge	\$512.76	\$477.48	-6.9%	2,218	n/a	n/a	\$1,137,302	\$1,137,302	2,218	n/a	n/a	\$1,059,051	\$1,059,051			
Traffic Control 30 Day kWh	TC 30 Day kWh	n/a	n/a	n/a	526,839	6,322,068	\$128,022	n/a	\$128,022	526,839	6,322,068	\$120,878	n/a	\$120,878			
S.C. 4 Annual Total:					6,322,068	\$128,022	\$1,137,302	\$1,265,324	6,322,068		\$120,878	\$1,059,051	\$1,179,929				
TARGET												\$120,902	\$1,059,001	\$1,179,903			
PROPOSED MINUS TARGET												-\$24	\$49	\$25			

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates

**Contract Street Lighting (Customer Contributory Provisions)**

Target Facility Price Increase: **-6.88%**

Rate Year 3 T&D rate			0.16234													
Post Rate Year 3 T&D rate			0.15331													
Description	Billed	Avg Mo	Post Rate Year 3			RY3	Rate Year 3	Rate Year 3	Rate Year 3	Rate Year 3	Post RY3	Post Rate Year 3	Post Rate Year 3	Post Rate Year 3	Post Rate Year 3	Post Rate Year 3
	Watts	Burn	Rate Year 3	Proposed	Percent											
	per	Hours	Facility	Facility	Change	Fest	Annual	Annual	Annual	Annual	Fest	Annual	Annual	Annual	Annual	Annual
	Lamp		Price	Price	Price	Units	Usage	T&D	Facility	Total	Units	Usage	T&D	Facility	Total	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(o)
<b><u>TOWN OF HAMLIN</u></b>																
100W	118	347.50	\$12.24	<b>\$11.40</b>	-6.9%	6	2,952	\$479	\$73	\$553	6	2,952	\$453	\$68	\$521	\$521
Arch. (style unknown) 70/100			\$51.00	<b>\$47.52</b>	-6.8%	6	-	\$0	\$306	\$306	6	-	\$0	\$285	\$285	\$285
Fiberglass, anchor base			\$43.20	<b>\$40.20</b>	-6.9%	6	-	\$0	\$259	\$259	6	-	\$0	\$241	\$241	\$241
for AB standards, all applications			\$71.28	<b>\$66.36</b>	-6.9%	6	-	\$0	\$428	\$428	6	-	\$0	\$398	\$398	\$398
direct buried cable			\$8.76	<b>\$8.16</b>	-6.8%	6	-	\$0	\$53	\$53	6	-	\$0	\$49	\$49	\$49
CR EF DB Cable/ft			\$0.72	<b>\$0.72</b>	0.0%	284	-	\$0	\$204	\$204	284	-	\$0	\$204	\$204	\$204
<b><u>TOWN OF HAMLIN HILLCREST SUBDIV SC 5</u></b>																
100W	118	347.50	\$12.24	<b>\$11.40</b>	-6.9%	13	6,396	\$1,038	\$159	\$1,197	13	6,396	\$981	\$148	\$1,129	\$1,129
150W	173	347.50	\$12.72	<b>\$11.88</b>	-6.6%	3	2,160	\$351	\$38	\$389	3	2,160	\$331	\$36	\$367	\$367
Arch. (style unknown) 70/100			\$51.00	<b>\$47.52</b>	-6.8%	10	-	\$0	\$510	\$510	10	-	\$0	\$475	\$475	\$475
LM Arch 150/175			\$38.64	<b>\$36.00</b>	-6.8%	3	-	\$0	\$116	\$116	3	-	\$0	\$108	\$108	\$108
Fiberglass, anchor base			\$43.20	<b>\$40.20</b>	-6.9%	16	-	\$0	\$691	\$691	16	-	\$0	\$643	\$643	\$643
for anchor base standard <= 16 ft			\$126.72	<b>\$117.96</b>	-6.9%	12	-	\$0	\$1,521	\$1,521	12	-	\$0	\$1,416	\$1,416	\$1,416
for AB standards, all applications			\$71.28	<b>\$66.36</b>	-6.9%	4	-	\$0	\$285	\$285	4	-	\$0	\$265	\$265	\$265
direct buried cable			\$8.76	<b>\$8.16</b>	-6.8%	16	-	\$0	\$140	\$140	16	-	\$0	\$131	\$131	\$131
CR EF DB Cable/ft			\$0.72	<b>\$0.72</b>	0.0%	344	-	\$0	\$248	\$248	344	-	\$0	\$248	\$248	\$248
Edison 100			\$51.00	<b>\$47.52</b>	-6.8%	3	-	\$0	\$153	\$153	3	-	\$0	\$143	\$143	\$143
<b>Contract Annual Total:</b>							<b>11,508</b>	<b>\$1,868</b>	<b>\$5,184</b>	<b>\$7,053</b>						
													<b>11,508</b>	<b>\$1,764</b>	<b>\$4,858</b>	<b>\$6,623</b>
													<b>TARGET</b>	<b>\$1,764</b>	<b>\$4,827</b>	<b>\$6,592</b>
													<b>PROPOSED MINUS TARGET</b>	<b>\$0</b>	<b>\$31</b>	<b>\$31</b>

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

P.S.C. No. 214 ELECTRICITY

Post Rate Year 3 Revenue at Rate Year 3 and Proposed Rates

LED to HID Rate Ratio Calculation Using Replacement Cost

**Service Classification No. 2 - Street Lighting (Company Owned and Maintained)**

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
April 2025 Incremental Revenue Adjustment  
**Service Classification No. 1 - Private Lighting (Company Owned and Maintained)**

Present T&D rate	0.09886
Rate Year 1 Full T&D rate	0.10919

Target Facility Price Increase:	12.44%
Target LED Price Increase:	5.22%
Ratio LED% to HID %:	41.98%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Rate Year 1			April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
			Present Facility Price (c)	Proposed Annual Facility Price (d)	Present Fcst Units (e)						

### Standard Offerings

#### LAMP & LUMINAIRE

<u>LED</u>											
LL Roadway LED-B	9	108	\$91.08	\$95.88	575	\$ 4,364	\$ (4,594)	5,175	\$ 512	\$ (565)	\$ (283)
LL Roadway LED-C	17	204	\$96.36	\$101.40	1,188	\$ 9,540	\$ (10,039)	20,196	\$ 1,997	\$ (2,205)	\$ (708)
LL Roadway LED-D	33	396	\$119.88	\$126.12	543	\$ 5,425	\$ (5,707)	17,919	\$ 1,771	\$ (1,957)	\$ (467)
LL Roadway LED-F	73	876	\$129.60	\$136.32	562	\$ 6,070	\$ (6,384)	41,026	\$ 4,056	\$ (4,480)	\$ (739)
LL Floodlight LED-E	53	636	\$88.08	\$92.64	138	\$ 1,013	\$ (1,065)	7,314	\$ 723	\$ (799)	\$ (128)
LL Floodlight LED-F	70	840	\$95.64	\$100.68	458	\$ 3,650	\$ (3,843)	32,060	\$ 3,169	\$ (3,501)	\$ (524)
<b>LED Lamp &amp; Luminaire Total:</b>						<b>\$ 30,061</b>	<b>\$ (31,632)</b>	<b>123,690</b>	<b>\$ 12,228</b>	<b>\$ (13,506)</b>	<b>\$ (2,849)</b>

#### POLES/STANDARDS

##### Overhead Service

Additional Wood Pole			\$95.04	\$106.80	3,548	\$ 28,100	\$ (31,577)	-	\$ -	\$ -	\$ (3,477)
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#### CIRCUITRY

Overhead Service - one span			\$44.40	\$49.92	4,153	\$ 15,366	\$ (17,276)	-	\$ -	\$ -	\$ (1,910)
<b>Standard Offering Total:</b>						<b>\$73,528</b>	<b>-\$80,486</b>	<b>123,690</b>	<b>\$12,228</b>	<b>-\$13,506</b>	<b>-\$8,236</b>

### Closed Offerings

#### POLES/STANDARDS

##### Underground Service

##### Standards > 16 ft.

Aluminum - AB - w/davit			\$261.24	\$293.76	17	\$ 370	\$ (416)	-	\$ -	\$ -	\$ (46)
Aluminum - AB - square			\$573.00	\$644.28	3	\$ 143	\$ (161)	-	\$ -	\$ -	\$ (18)

##### Standard <= 16 ft

Fiberglass, AB			\$90.60	\$101.88	108	\$ 815	\$ (917)	-	\$ -	\$ -	\$ (102)
Fiberglass, direct embedded			\$121.20	\$136.32	69	\$ 697	\$ (784)	-	\$ -	\$ -	\$ (87)

#### FOUNDATIONS

##### Concrete - Cast-In-Place (CIP)

For AB standard > 16 ft.			\$304.56	\$342.48	9	\$ 228	\$ (257)	-	\$ -	\$ -	\$ (28)
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##### Concrete - Pre-Cast (PC)

for AB standards			\$182.04	\$204.72	5	\$ 76	\$ (85)	-	\$ -	\$ -	\$ (9)
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#### CIRCUITRY

##### Underground Service

Cable and conduit, per foot			\$2.64	\$3.00	1,732	\$ 381	\$ (433)	-	\$ -	\$ -	\$ (52)
Cable only, per foot			\$0.36	\$0.36	772	\$ 23	\$ (23)	-	\$ -	\$ -	\$ -
Direct buried cable, per foot			\$1.68	\$1.92	5,382	\$ 753	\$ (861)	-	\$ -	\$ -	\$ (108)
<b>Closed Offerings Total:</b>						<b>\$3,488</b>	<b>-\$3,937</b>	<b>-</b>	<b>\$0</b>	<b>\$0</b>	<b>-\$450</b>

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**April 2025 Incremental Revenue Adjustment**  
**Service Classification No. 1 - Private Lighting (Company Owned and Maintained)**

Present T&D rate	0.09886
Rate Year 1 Full T&D rate	0.10919

Target Facility Price Increase:	12.44%
Target LED Price Increase:	5.22%
Ratio LED% to HID %:	41.98%

Description	Average Monthly kWh per Lamp (a)	Billed Annual kWh per Lamp (b)	Present Facility Price (c)	Rate Year 1 Proposed Annual Facility Price (d)	Present Fcst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
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### Obsolete Offerings

#### LAMP & LUMINAIRE

<u>Mercury Vapor</u>											
Floodlight, 400W	166	1,992	\$75.84	\$85.32	30	\$ 190	\$ (213)	4,980	\$ 492	\$ (544)	\$ (75)
Floodlight, 1000W	381	4,572	\$115.68	\$130.08	7	\$ 67	\$ (76)	2,667	\$ 264	\$ (291)	\$ (36)
Roadway, 175W	73	876	\$75.84	\$85.32	1,003	\$ 6,339	\$ (7,131)	73,219	\$ 7,238	\$ (7,995)	\$ (1,549)
Roadway, 400W	166	1,992	\$75.84	\$85.32	673	\$ 4,253	\$ (4,785)	111,718	\$ 11,044	\$ (12,198)	\$ (1,686)
Roadway, 1000W	381	4,572	\$163.44	\$183.72	112	\$ 1,525	\$ (1,715)	42,672	\$ 4,219	\$ (4,659)	\$ (630)
<u>High Pressure Sodium</u>											
Coach, 70W	30	360	\$137.16	\$154.20	12	\$ 137	\$ (154)	360	\$ 36	\$ (39)	\$ (21)
Coach, 100W	41	492	\$137.16	\$154.20	1	\$ 11	\$ (13)	41	\$ 4	\$ (4)	\$ (2)
Coach, 150W	60	720	\$137.16	\$154.20	17	\$ 194	\$ (218)	1,020	\$ 101	\$ (111)	\$ (35)
Edison, 70W	30	360	\$137.16	\$154.20	25	\$ 286	\$ (321)	750	\$ 74	\$ (82)	\$ (43)
Edison, 100W	41	492	\$137.16	\$154.20	90	\$ 1,029	\$ (1,157)	3,690	\$ 365	\$ (403)	\$ (166)
Floodlight, 250W	106	1,272	\$90.60	\$101.88	1,013	\$ 7,648	\$ (8,600)	107,378	\$ 10,615	\$ (11,725)	\$ (2,061)
Floodlight, 400W	163	1,956	\$90.60	\$101.88	1,345	\$ 10,155	\$ (11,419)	219,235	\$ 21,674	\$ (23,938)	\$ (3,529)
Floodlight, 1000W	385	4,620	\$112.44	\$126.48	176	\$ 1,649	\$ (1,855)	67,760	\$ 6,699	\$ (7,399)	\$ (906)
Roadway, 70W	30	360	\$74.28	\$83.52	386	\$ 2,389	\$ (2,687)	11,580	\$ 1,145	\$ (1,264)	\$ (417)
Roadway, 100W	41	492	\$74.28	\$83.52	1,425	\$ 8,821	\$ (9,918)	58,425	\$ 5,776	\$ (6,379)	\$ (1,701)
Roadway, 150W	60	720	\$74.28	\$83.52	1,365	\$ 8,449	\$ (9,500)	81,900	\$ 8,097	\$ (8,943)	\$ (1,897)
Roadway, 250W	106	1,272	\$74.28	\$83.52	1,148	\$ 7,106	\$ (7,990)	121,688	\$ 12,030	\$ (13,287)	\$ (2,141)
Roadway, 400W	163	1,956	\$74.28	\$83.52	1,210	\$ 7,490	\$ (8,422)	197,230	\$ 19,498	\$ (21,536)	\$ (2,969)
Roadway, 1000W	385	4,620	\$156.24	\$175.68	137	\$ 1,784	\$ (2,006)	52,745	\$ 5,214	\$ (5,759)	\$ (767)
Shoebox, 400W	163	1,956	\$111.12	\$124.92	7	\$ 65	\$ (73)	1,141	\$ 113	\$ (125)	\$ (20)
Traditional, 70W	30	360	\$74.28	\$83.52	6	\$ 37	\$ (42)	180	\$ 18	\$ (20)	\$ (6)
Traditional, 100W	41	492	\$74.28	\$83.52	26	\$ 161	\$ (181)	1,066	\$ 105	\$ (116)	\$ (31)
Traditional, 150W	60	720	\$74.28	\$83.52	2	\$ 12	\$ (14)	120	\$ 12	\$ (13)	\$ (3)
<u>Metal Halide</u>											
LL Flood MH 400W	157	1,884	\$104.40	\$117.36	28	\$ 244	\$ (274)	4,396	\$ 435	\$ (480)	\$ (76)
Floodlight, 400W	157	1,884	\$104.40	\$117.36	707	\$ 6,151	\$ (6,914)	110,999	\$ 10,973	\$ (12,120)	\$ (1,910)
Shoebox, 400W	157	1,884	\$104.40	\$117.36	3	\$ 26	\$ (29)	471	\$ 47	\$ (51)	\$ (8)

#### FOUNDATIONS

##### Mechanical - Screw Type

for AB standards

\$136.80	\$153.84	114	\$ 1,300	\$ (1,461)	-	\$ -	\$ -	\$ -	\$ (162)
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**Obsolete Offerings Total:**

<b>\$77,519</b>	<b>-\$87,169</b>	<b>1,277,431</b>	<b>\$126,287</b>	<b>-\$139,483</b>	<b>-\$22,846</b>
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**S.C. 1 Grand Total:**

<b>\$154,534</b>	<b>-\$171,592</b>	<b>1,401,121</b>	<b>\$138,515</b>	<b>-\$152,988</b>	<b>-\$31,532</b>
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**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**April 2025 Incremental Revenue Adjustment**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Present T&D rate	0.09886
Rate Year 1 T&D rate	0.10919

Apr Burn Hours:	
Reg.	24hr
305	720

Target Facility Price Increase:	12.44%
Target LED Price Increase:	5.22%
Ratio LED% to HID %:	41.98%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Facility Price (d)	Present Fcst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
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### Standard Offerings

#### LAMP & LUMINAIRE

##### LED

LL Arbordale LED-C	53	347.50	\$84.60	\$89.04	-	\$0	\$0	-	\$0	\$0	\$0
LL Arbordale LED-D	91	347.50	\$70.08	\$73.68	3	\$18	(\$18)	83	\$8	(\$9)	(\$2)
LL Arbordale LED-E	132	347.50	\$90.72	\$95.40	-	\$0	\$0	-	\$0	\$0	\$0
LL Arbordale LED-F	177	347.50	\$117.60	\$123.72	24	\$235	(\$247)	1,296	\$128	(\$142)	(\$26)
LL Carriage LED-B	35	347.50	\$73.08	\$76.92	908	\$5,530	(\$5,820)	9,693	\$958	(\$1,058)	(\$391)
LL Carriage LED-C	66	347.50	\$68.16	\$71.76	2,673	\$15,183	(\$15,985)	53,807	\$5,319	(\$5,875)	(\$1,358)
LL Floodlight LED-E	151	347.50	\$88.08	\$92.64	21	\$154	(\$162)	967	\$96	(\$106)	(\$18)
LL Floodlight LED-F	200	347.50	\$95.64	\$100.68	22	\$175	(\$185)	1,342	\$133	(\$147)	(\$23)
LL Highland Pk LED-B	30	347.50	\$103.80	\$109.20	163	\$1,410	(\$1,483)	1,491	\$147	(\$163)	(\$89)
LL Highland Pk LED-C	65	347.50	\$111.72	\$117.60	122	\$1,136	(\$1,196)	2,419	\$239	(\$264)	(\$85)
LL Oxford LED-B	30	347.50	\$82.08	\$86.40	111	\$759	(\$799)	1,016	\$100	(\$111)	(\$50)
LL Oxford LED-C	57	347.50	\$101.04	\$106.32	251	\$2,113	(\$2,224)	4,364	\$431	(\$477)	(\$156)
LL Princeton LED-B	30	347.50	\$89.52	\$94.20	2	\$15	(\$16)	18	\$2	(\$2)	(\$1)
LL Princeton LED-C	65	347.50	\$91.32	\$96.12	64	\$487	(\$513)	1,269	\$125	(\$139)	(\$39)
LL Roadway LED-B	25	347.50	\$91.08	\$95.88	32,646	\$247,783	(\$260,842)	248,926	\$24,609	(\$27,180)	(\$15,630)
24 HR - LL Roadway LED-B	25	730.00	\$191.40	\$201.36	-	\$0	\$0	-	\$0	\$0	\$0
LL Roadway LED-C	48	347.50	\$96.36	\$101.40	20,033	\$160,865	(\$169,279)	293,283	\$28,994	(\$32,024)	(\$11,443)
24 HR - LL Roadway LED-C	48	730.00	\$202.32	\$212.88	-	\$0	\$0	-	\$0	\$0	\$0
LL Roadway LED-D	96	347.50	\$119.88	\$126.12	8,288	\$82,797	(\$87,107)	242,673	\$23,991	(\$26,497)	(\$6,817)
24 HR - LL Roadway LED-D	96	730.00	\$251.64	\$264.72	-	\$0	\$0	-	\$0	\$0	\$0
LL Roadway LED-F	210	347.50	\$129.60	\$136.32	1,025	\$11,070	(\$11,644)	65,651	\$6,490	(\$7,168)	(\$1,252)
24 HR - LL Roadway LED-F	210	730.00	\$272.16	\$286.32	-	\$0	\$0	-	\$0	\$0	\$0
LL Underpass LED-B	36	347.50	\$77.12	\$81.12	-	\$0	\$0	-	\$0	\$0	\$0
24 HR - LL Underpass LED-B	36	730.00	\$105.69	\$111.24	-	\$0	\$0	-	\$0	\$0	\$0
LL Underpass LED-C	52	347.50	\$77.12	\$81.12	-	\$0	\$0	-	\$0	\$0	\$0
24 HR - LL Underpass LED-C	52	730.00	\$105.69	\$111.24	-	\$0	\$0	-	\$0	\$0	\$0
LL Westminster LED-D	84	347.50	\$272.40	\$286.56	9	\$204	(\$215)	231	\$23	(\$25)	(\$13)
LL Westminster LED-E	141	347.50	\$357.72	\$376.44	41	\$1,222	(\$1,286)	1,763	\$174	(\$193)	(\$82)
LL Westminster LED-F	243	347.50	\$397.32	\$418.08	39	\$1,291	(\$1,359)	2,890	\$286	(\$316)	(\$97)
LL Westmin Ped LED-B	28	347.50	\$204.48	\$215.16	1	\$17	(\$18)	9	\$1	(\$1)	(\$1)
LL Westmin Ped LED-C	52	347.50	\$267.12	\$281.04	5	\$111	(\$117)	79	\$8	(\$9)	(\$7)

**LED Lamp & Luminaire Total:**

**\$532,576    -\$560,514    933,270    \$92,263    -\$101,904    -\$37,578**



**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**April 2025 Incremental Revenue Adjustment**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Present T&D rate	0.09886
Rate Year 1 T&D rate	0.10919

Apr Burn Hours:	
Reg.	24hr
305	720

Target Facility Price Increase:	12.44%
Target LED Price Increase:	5.22%
Ratio LED% to HID %:	41.98%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Facility Price (d)	Present Fcst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
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### Standard Offerings (continued)

#### ENERGY ONLY

24-HR Energy Only Charge	1	730.00	\$0.00	\$0.00	104,174	\$0	\$0	75,005	\$7,415	(\$8,190)	(\$775)
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#### POLES/STANDARDS

##### Standard/Pole > 16 ft - OH Service

Concrete , DE - Metropolitan			\$319.80	\$359.52	8	\$213	(\$240)	-	\$0	\$0	(\$26)
WoodPole OH <= 1SP			\$0.00	\$0.00	3,605	\$0	\$0	-	\$0	\$0	\$0
WoodPole			\$0.00	\$0.00	592	\$0	\$0	-	\$0	\$0	\$0

#### POLES/STANDARDS

##### Standard > 16 ft.

##### for UG or URD Service

Aluminum, anchor base			\$302.64	\$340.32	937	\$23,631	(\$26,573)	-	\$0	\$0	(\$2,942)
Aluminum, anchor base, heavy duty			\$302.64	\$340.32	3	\$76	(\$85)	-	\$0	\$0	(\$9)
Aluminum, anchor base, square			\$604.80	\$680.04	132	\$6,653	(\$7,480)	-	\$0	\$0	(\$828)
Fiberglass, anchor base			\$204.24	\$229.68	134	\$2,281	(\$2,565)	-	\$0	\$0	(\$284)

##### Standard <= 16 ft

##### for UG or URD Service

Aluminum, anchor base, Villager			\$132.36	\$148.80	547	\$6,033	(\$6,783)	-	\$0	\$0	(\$749)
Fiberglass, anchor base			\$79.32	\$89.16	452	\$2,988	(\$3,358)	-	\$0	\$0	(\$371)
Fiberglass, direct embedded			\$109.32	\$122.88	3,941	\$35,903	(\$40,356)	-	\$0	\$0	(\$4,453)

##### Decorative Standard

##### > 16 ft, for UG Service

Alum. AB Niagara Rdwy (no base)			\$766.68	\$862.08	-	\$0	\$0	-	\$0	\$0	\$0
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##### Decorative Standard

##### <= 16 ft, for UG or URD Service

Aluminum, AB, Armory Square			\$396.72	\$446.04	140	\$4,628	(\$5,204)	-	\$0	\$0	(\$575)
Fiberglass, AB, Presidential			\$185.16	\$208.20	552	\$8,517	(\$9,577)	-	\$0	\$0	(\$1,060)

##### Accessory

Tenon mounting adaptor			\$51.36	\$57.72	-	\$0	\$0	-	\$0	\$0	\$0
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#### ARMS AND BRACKETS

##### Arm for Standard > 16ft

ecorative, Niagara Pedestrian, single			\$223.56	\$251.40	-	\$0	\$0	-	\$0	\$0	\$0
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##### Arm for Standard <= 16ft

Dcr. crossarm, double, ornamental			\$121.20	\$136.32	33	\$333	(\$375)	-	\$0	\$0	(\$42)
Dcr. crossarm, double, ornamental			\$121.20	\$136.32	-	\$0	\$0	-	\$0	\$0	\$0
Dcr. crossarm, double, contemporary			\$121.20	\$136.32	-	\$0	\$0	-	\$0	\$0	\$0

##### Bracket for Wood Pole

decorative, Park Ave South, single			\$124.68	\$140.16	44	\$457	(\$514)	-	\$0	\$0	(\$57)
décor., Metropolitan, all types/sizes			\$83.16	\$93.48	-	\$0	\$0	-	\$0	\$0	\$0

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**April 2025 Incremental Revenue Adjustment**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Present T&D rate	0.09886
Rate Year 1 T&D rate	0.10919

Apr Burn Hours:	
Reg.	24hr
305	720

Target Facility Price Increase:	12.44%
Target LED Price Increase:	5.22%
Ratio LED% to HID %:	41.98%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Facility Price (d)	Present Fcst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
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**Standard Offerings (continued)**

**BASES**

Decorative Niagara Base			\$341.04	\$383.40	-	\$0	\$0	-	\$0	\$0	\$0
Decorative Metropolitan Base			\$179.04	\$201.36	-	\$0	\$0	-	\$0	\$0	\$0

**FOUNDATIONS**

Concrete - Cast-In-Place - for:

AB SD > 16 ft			\$255.00	\$286.68	7,436	\$158,015	(\$177,646)	-	\$0	\$0	(\$19,631)
AB SD > 16 ft, heavy duty			\$255.00	\$286.68	5	\$106	(\$119)	-	\$0	\$0	(\$13)
AB SD <= 16 ft			\$255.00	\$286.68	1,770	\$37,613	(\$42,285)	-	\$0	\$0	(\$4,673)
AB SD > 16 ft, extra heavy duty			\$255.00	\$286.68	-	\$0	\$0	-	\$0	\$0	\$0
FD Conc Foundation			\$255.00	\$286.68	-	\$0	\$0	-	\$0	\$0	\$0

Concrete - Pre-Cast

for anchor base standard > 16 ft			\$255.00	\$286.68	151	\$3,209	(\$3,607)	-	\$0	\$0	(\$399)
for anchor base standard <= 16 ft			\$255.00	\$286.68	290	\$6,163	(\$6,928)	-	\$0	\$0	(\$766)

**CIRCUITRY**

UG Service

cable and conduit			\$139.80	\$157.20	13,260	\$154,479	(\$173,706)	-	\$0	\$0	(\$19,227)
cable only			\$139.80	\$157.20	9,031	\$105,211	(\$118,306)	-	\$0	\$0	(\$13,095)
direct buried cable			\$139.80	\$157.20	1,764	\$20,551	(\$23,108)	-	\$0	\$0	(\$2,558)
CR UG Circuit sect			\$139.80	\$157.20	-	\$0	\$0	-	\$0	\$0	\$0

URD Service

direct buried cable			\$104.16	\$117.12	6,757	\$58,651	(\$65,948)	-	\$0	\$0	(\$7,298)
CR URD Circuit sect			\$104.16	\$117.12	-	\$0	\$0	-	\$0	\$0	\$0

**CONVENIENCE OUTLETS**

On New Metal/Composite Stnd			\$63.24	\$71.16	264	\$1,391	(\$1,566)	-	\$0	\$0	(\$174)
On Existing Metal/Composite Stnd			\$63.24	\$71.16	175	\$922	(\$1,038)	-	\$0	\$0	(\$116)
Power Tap			\$62.64	\$70.44	-	\$0	\$0	-	\$0	\$0	\$0

Standard Offering Total: 0 \$1,170,600 -\$1,277,882 1,008,275 \$99,678 -\$110,094 -\$117,698

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**April 2025 Incremental Revenue Adjustment**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

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Description	Billed Watts per Lamp	Average Monthly Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Facility Price (d)	Present Fcst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)

### Closed Offerings

<b>LAMP &amp; LUMINAIRE</b>											
HPS 1000W High-Mast (6 unit)	6636	347.50	\$1,200.84	\$1,350.12	1	\$100	(\$113)	2,024	\$200	(\$221)	(\$33)

#### LAMPS

##### High Pressure Sodium

70W	86	347.50	\$9.48	\$10.68	8,826	\$6,973	(\$7,855)	231,506	\$22,887	(\$25,278)	(\$3,274)
24 HR - 70W	86	730.00	\$18.96	\$21.36	-	\$0	\$0	-	\$0	\$0	\$0
100W	118	347.50	\$9.48	\$10.68	13,922	\$10,998	(\$12,391)	501,053	\$49,534	(\$54,710)	(\$6,568)
24 HR - 100W	118	730.00	\$18.96	\$21.36	8	\$13	(\$14)	680	\$67	(\$74)	(\$9)
150W	173	347.50	\$9.48	\$10.68	18,465	\$14,587	(\$16,434)	974,306	\$96,320	(\$106,384)	(\$11,911)
24 HR - 150W	173	730.00	\$18.96	\$21.36	51	\$81	(\$91)	6,353	\$628	(\$694)	(\$76)
250W	304	347.50	\$9.48	\$10.68	7,457	\$5,891	(\$6,637)	691,413	\$68,353	(\$75,495)	(\$7,888)
24 HR - 250W	304	730.00	\$18.96	\$21.36	81	\$128	(\$144)	17,729	\$1,753	(\$1,936)	(\$199)
400W	470	347.50	\$9.48	\$10.68	1,767	\$1,396	(\$1,573)	253,299	\$25,041	(\$27,658)	(\$2,793)
24 HR - 400W	470	730.00	\$18.96	\$21.36	-	\$0	\$0	-	\$0	\$0	\$0
1000W	1106	347.50	\$19.20	\$21.60	5	\$8	(\$9)	1,687	\$167	(\$184)	(\$18)

##### Metal Halide

175W	207	347.50	\$65.64	\$73.80	1,451	\$7,937	(\$8,924)	91,609	\$9,056	(\$10,003)	(\$1,933)
250W	295	347.50	\$65.64	\$73.80	261	\$1,428	(\$1,605)	23,483	\$2,322	(\$2,564)	(\$420)
400W	451	347.50	\$65.64	\$73.80	558	\$3,052	(\$3,432)	76,756	\$7,588	(\$8,381)	(\$1,172)
1000W	1078	347.50	\$65.64	\$73.80	-	\$0	\$0	-	\$0	\$0	\$0

#### LUMINAIRES

Aspen Grove 70			\$119.04	\$133.80	90	\$893	(\$1,004)	-	\$0	\$0	(\$111)
Aspen Grove 100			\$119.04	\$133.80	1,220	\$12,102	(\$13,603)	-	\$0	\$0	(\$1,501)
Aspen Grove 150			\$119.04	\$133.80	1,667	\$16,537	(\$18,587)	-	\$0	\$0	(\$2,050)
Aspen Grove 175			\$119.04	\$133.80	204	\$2,024	(\$2,275)	-	\$0	\$0	(\$251)
Central Park 100			\$145.32	\$163.44	651	\$7,884	(\$8,867)	-	\$0	\$0	(\$983)
Central Park 175			\$145.32	\$163.44	750	\$9,083	(\$10,215)	-	\$0	\$0	(\$1,133)
Coach 70			\$86.40	\$97.20	285	\$2,052	(\$2,309)	-	\$0	\$0	(\$257)
Coach 100			\$86.40	\$97.20	783	\$5,638	(\$6,342)	-	\$0	\$0	(\$705)
Coach 150			\$86.40	\$97.20	79	\$569	(\$640)	-	\$0	\$0	(\$71)
Coach 175			\$86.40	\$97.20	16	\$115	(\$130)	-	\$0	\$0	(\$14)
Delaware Park 150			\$235.68	\$264.96	22	\$432	(\$486)	-	\$0	\$0	(\$54)
Delaware Park 175			\$235.68	\$264.96	206	\$4,046	(\$4,548)	-	\$0	\$0	(\$503)
Delaware Park 250			\$291.12	\$327.36	765	\$18,559	(\$20,869)	-	\$0	\$0	(\$2,310)
Delaware Park 400			\$291.12	\$327.36	586	\$14,216	(\$15,986)	-	\$0	\$0	(\$1,770)
Delaware Park Pedestrian 100			\$199.44	\$224.28	62	\$1,030	(\$1,159)	-	\$0	\$0	(\$128)
Delaware Park Pedestrian 175			\$199.44	\$224.28	10	\$166	(\$187)	-	\$0	\$0	(\$21)
Edgewater 100			\$159.24	\$179.04	73	\$969	(\$1,089)	-	\$0	\$0	(\$120)
Edgewater 150			\$159.24	\$179.04	439	\$5,826	(\$6,550)	-	\$0	\$0	(\$724)
Edgewater 175			\$159.24	\$179.04	134	\$1,778	(\$1,999)	-	\$0	\$0	(\$221)
Edison 70			\$93.24	\$104.88	23	\$179	(\$201)	-	\$0	\$0	(\$22)
Edison 100			\$93.24	\$104.88	337	\$2,618	(\$2,945)	-	\$0	\$0	(\$327)
Edison 150			\$93.24	\$104.88	5	\$39	(\$44)	-	\$0	\$0	(\$5)

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**April 2025 Incremental Revenue Adjustment**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Present T&D rate	0.09886
Rate Year 1 T&D rate	0.10919

Apr Burn Hours:	
Reg.	24hr
305	720

Target Facility Price Increase:	12.44%
Target LED Price Increase:	5.22%
Ratio LED% to HID %:	41.98%

Description	Billed Watts per Lamp	Average Monthly Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Facility Price (d)	Present Fcst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
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**Closed Offerings (continued)**

Floodlight 250			\$71.52	\$80.40	171	\$1,019	(\$1,146)	-	\$0	\$0	(\$127)
Floodlight 400			\$71.52	\$80.40	184	\$1,097	(\$1,233)	-	\$0	\$0	(\$136)
Little Falls - Post Top, 70			\$149.40	\$168.00	79	\$984	(\$1,106)	-	\$0	\$0	(\$122)
Roadway 70			\$66.00	\$74.16	7,827	\$43,049	(\$48,371)	-	\$0	\$0	(\$5,322)
Roadway 100			\$66.00	\$74.16	9,230	\$50,765	(\$57,041)	-	\$0	\$0	(\$6,276)
Roadway 150			\$66.00	\$74.16	16,024	\$88,132	(\$99,028)	-	\$0	\$0	(\$10,896)
Roadway 175			\$66.00	\$74.16	312	\$1,716	(\$1,928)	-	\$0	\$0	(\$212)
Roadway 250			\$66.00	\$74.16	6,671	\$36,691	(\$41,227)	-	\$0	\$0	(\$4,536)
Roadway 400			\$66.00	\$74.16	1,603	\$8,817	(\$9,907)	-	\$0	\$0	(\$1,090)
Roadway, 1000			\$149.16	\$167.76	7	\$87	(\$98)	-	\$0	\$0	(\$11)
Shoebox 100			\$78.60	\$88.32	4	\$26	(\$29)	-	\$0	\$0	(\$3)
Shoebox 150			\$78.60	\$88.32	83	\$544	(\$611)	-	\$0	\$0	(\$67)
Shoebox 250			\$78.60	\$88.32	121	\$793	(\$891)	-	\$0	\$0	(\$98)
Shoebox 400			\$78.60	\$88.32	58	\$380	(\$427)	-	\$0	\$0	(\$47)
<b>LUMINAIRES (continued)</b>											
Traditional 70			\$58.32	\$65.52	452	\$2,197	(\$2,468)	-	\$0	\$0	(\$271)
Traditional 100			\$58.32	\$65.52	1,454	\$7,066	(\$7,939)	-	\$0	\$0	(\$872)
Traditional 150			\$58.32	\$65.52	53	\$258	(\$289)	-	\$0	\$0	(\$32)
Traditional 175			\$58.32	\$65.52	48	\$233	(\$262)	-	\$0	\$0	(\$29)
Underpass 100			\$97.08	\$109.20	170	\$1,375	(\$1,547)	-	\$0	\$0	(\$172)
Underpass 150			\$97.08	\$109.20	120	\$971	(\$1,092)	-	\$0	\$0	(\$121)
Underpass 250			\$97.08	\$109.20	64	\$518	(\$582)	-	\$0	\$0	(\$65)
Washington (Armory Square) 100			\$158.28	\$177.96	-	\$0	\$0	-	\$0	\$0	\$0
Williamsville 70			\$136.56	\$153.60	114	\$1,297	(\$1,459)	-	\$0	\$0	(\$162)
Williamsville 100			\$136.56	\$153.60	44	\$501	(\$563)	-	\$0	\$0	(\$62)
Williamsville 150			\$136.56	\$153.60	8	\$91	(\$102)	-	\$0	\$0	(\$11)
Williamsville 175			\$136.56	\$153.60	114	\$1,297	(\$1,459)	-	\$0	\$0	(\$162)

**POLES/STANDARDS**

<u>Standard &lt;= 16 ft</u>											
for UG or URD Service											
aluminum, anchor base (square)			\$165.72	\$186.36	35	\$483	(\$544)	-	\$0	\$0	(\$60)
<u>Decorative Standard</u>											
<= 16 ft, for UG or URD Service											
aluminum, AB, Little Falls			\$234.00	\$263.04	17	\$332	(\$373)	-	\$0	\$0	(\$41)

**ARMS AND BRACKETS**

<u>Arm for Standard &lt;= 16ft</u>									
Dcr. (cane/scroll), alum., Little Falls	\$130.68	\$146.88	8	\$87	(\$98)	-	\$0	\$0	(\$11)
<b>Closed Offering Total:</b>	<b>0</b>	<b>\$410,148</b>	<b>-\$461,074</b>	<b>2,871,898</b>	<b>\$283,916</b>	<b>-\$313,583</b>	<b>-\$80,592</b>		

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. No. 214 ELECTRICITY**  
**April 2025 Incremental Revenue Adjustment**  
**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Present T&D rate	0.09886
Rate Year 1 T&D rate	0.10919

Apr Burn Hours:	
Reg.	24hr
305	720

Target Facility Price Increase:	12.44%
Target LED Price Increase:	5.22%
Ratio LED% to HID %:	41.98%

Description	Billed Watts per Lamp (a)	Average Monthly Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Facility Price (d)	Present Fcst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
<b>Obsolete Offerings</b>											
<b>LAMP &amp; LUMINAIRE</b>											
Incandescent < 2500 lumen, Std	202	347.50	\$114.60	\$128.88	1	\$10	(\$11)	62	\$6	(\$7)	(\$2)
Incandescent 4000 lumen, Enclosed	327	347.50	\$118.20	\$132.84	3	\$30	(\$33)	299	\$30	(\$33)	(\$7)
<b>LAMPS</b>											
<u>Mercury Vapor</u>											
100W	130	347.50	\$8.16	\$9.12	116	\$79	(\$88)	4,599	\$455	(\$502)	(\$57)
175W	211	347.50	\$8.16	\$9.12	388	\$264	(\$295)	24,970	\$2,469	(\$2,726)	(\$289)
400W	477	347.50	\$8.16	\$9.12	91	\$62	(\$69)	13,239	\$1,309	(\$1,446)	(\$144)
1000W	1095	347.50	\$15.24	\$17.16	2	\$3	(\$3)	668	\$66	(\$73)	(\$7)
<b>LUMINAIRES</b>											
Contemporary 70			\$91.68	\$103.08	16	\$122	(\$137)	-	\$0	\$0	(\$15)
Contemporary 100			\$91.68	\$103.08	49	\$374	(\$421)	-	\$0	\$0	(\$47)
Contemporary 175			\$91.68	\$103.08	10	\$76	(\$86)	-	\$0	\$0	(\$10)
<b>POLES/STANDARDS</b>											
<u>Standard/Pole &gt; 16 ft - OH Service</u>											
Steel, anchor base			\$210.96	\$237.24	350	\$6,153	(\$6,920)	-	\$0	\$0	(\$767)
aluminum, anchor base			\$210.96	\$237.24	84	\$1,477	(\$1,661)	-	\$0	\$0	(\$184)
<u>Standard &gt; 16 ft</u>											
<u>for UG or URD Service</u>											
steel, anchor base (50 ft round)			\$383.04	\$430.68	8	\$255	(\$287)	-	\$0	\$0	(\$32)
steel, anchor base (35 ft square)			\$217.20	\$244.20	4	\$72	(\$81)	-	\$0	\$0	(\$9)
steel, anchor base			\$302.64	\$340.32	931	\$23,480	(\$26,403)	-	\$0	\$0	(\$2,923)
steel, anchor base, heavy duty			\$302.64	\$340.32	-	\$0	\$0	-	\$0	\$0	\$0
<u>Standard &lt;= 16 ft</u>											
<u>for UG or URD Service</u>											
steel, anchor base			\$132.36	\$148.80	1,091	\$12,034	(\$13,528)	-	\$0	\$0	(\$1,495)
steel, direct embedded			\$156.00	\$175.44	756	\$9,828	(\$11,053)	-	\$0	\$0	(\$1,225)
<u>Decorative Standard</u>											
<u>&lt;= 16 ft, for UG or URD Service</u>											
cast iron, AB, Armory Square			\$441.00	\$495.84	29	\$1,066	(\$1,198)	-	\$0	\$0	(\$133)
Fiberglass, DE, Presidential			\$272.04	\$305.88	104	\$2,358	(\$2,651)	-	\$0	\$0	(\$293)
<b>FOUNDATIONS</b>											
<u>Mechanical - Screw Type</u>											
for AB standards, all applications			\$130.20	\$146.40	6,404	\$69,483	(\$78,129)	-	\$0	\$0	(\$8,645)
<b>CONVENIENCE OUTLETS</b>											
Festoon Outlet - Old			\$6.36	\$7.20	27	\$14	(\$16)	-	\$0	\$0	(\$2)
On Any Wood Pole			\$63.24	\$71.16	981	\$5,170	(\$5,817)	-	\$0	\$0	(\$647)
<b>Obsolete Offering Total:</b>						<b>\$132,409</b>	<b>-\$148,888</b>	<b>43,837</b>	<b>\$4,334</b>	<b>-\$4,787</b>	<b>-\$16,931</b>
<b>S.C. 2 Grand Total:</b>						<b>\$1,713,157</b>	<b>-\$1,887,844</b>	<b>3,924,010</b>	<b>\$387,928</b>	<b>-\$428,463</b>	<b>-\$215,222</b>

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## April 2025 Incremental Revenue Adjustment

## Service Classification No. 2 - Street Lighting (Company Owned and Maintained) - FACILITIES WITH PRICE EXCEPTIONS

Present T&D rate 0.09886  
Rate Year 1 T&D rate 0.10919

Apr Burn Hours: 305Average PE Increase: 16.65%

Customer	Billed Watts per Lamp (a)	Avg Mo Burn Hours (b)	Present PE Facility Price (c)	Rate Year 1 Annual Facility Price (d)	Present Fcst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
<b>AMHERST CENTRAL SCHOOL DIST</b>											
FD Concrete >16'			\$127.80	\$149.04	4	\$43	(\$50)	-	\$0	\$0	(\$7)
CR UG Cable & Cndt			\$119.28	\$122.76	4	\$40	(\$41)	-	\$0	\$0	(\$1)
					Subtotal:	\$82	(\$91)	-	\$0	\$0	(\$8)
<b>CITY OF BUFFALO</b>											
FD Concrete >16'			\$104.28	\$129.36	234	\$2,033	(\$2,523)	-	\$0	\$0	(\$489)
CR UG Cable & Cndt			\$82.20	\$91.80	234	\$1,603	(\$1,790)	-	\$0	\$0	(\$187)
FD Concrete =<16'			\$103.32	\$128.64	1	\$9	(\$11)	-	\$0	\$0	(\$2)
CR UG Cable & Cndt			\$106.56	\$112.08	1	\$9	(\$9)	-	\$0	\$0	(\$0)
FD Concrete >16'			\$119.88	\$142.44	38	\$380	(\$451)	-	\$0	\$0	(\$71)
CR UG Cable & Cndt			\$106.68	\$112.20	38	\$338	(\$355)	-	\$0	\$0	(\$17)
CR UG Cable & Cndt			\$74.88	\$85.68	1,201	\$7,494	(\$8,575)	-	\$0	\$0	(\$1,081)
CR UG Cable & Cndt			\$110.52	\$115.44	155	\$1,428	(\$1,491)	-	\$0	\$0	(\$64)
FD Concrete =<16'			\$99.00	\$125.04	11	\$91	(\$115)	-	\$0	\$0	(\$24)
FD Concrete >16'			\$115.20	\$138.48	606	\$5,818	(\$6,993)	-	\$0	\$0	(\$1,176)
FD Concrete >16'			\$111.36	\$135.36	455	\$4,222	(\$5,132)	-	\$0	\$0	(\$910)
FD Concrete =<16'			\$89.28	\$116.88	7	\$52	(\$68)	-	\$0	\$0	(\$16)
CR UG Cable & Cndt			\$67.80	\$79.80	7	\$40	(\$47)	-	\$0	\$0	(\$7)
CR UG Cable & Cndt			\$74.88	\$85.68	9	\$56	(\$64)	-	\$0	\$0	(\$8)
					Subtotal:	\$23,572	(\$27,625)	-	\$0	\$0	(\$4,053)
<b>CITY OF SCHENECTADY</b>											
LL Enclosed IN <2500	202	347.50	\$65.76	\$73.92	24	\$132	(\$148)	1,479	\$146	(\$161)	(\$32)
SD Steel =<16' AB PT			\$57.96	\$70.32	24	\$116	(\$141)	-	\$0	\$0	(\$25)
FD Concrete =<16'			\$103.32	\$128.64	24	\$207	(\$257)	-	\$0	\$0	(\$51)
CR UG Cable & Cndt			\$106.56	\$112.08	24	\$213	(\$224)	-	\$0	\$0	(\$11)
					Subtotal:	\$667	(\$770)	1,479	\$146	(\$161)	(\$118)
<b>TOWN OF QUEENSBURY</b>											
SD Steel =<16' AB PT			\$63.24	\$74.76	26	\$137	(\$162)	-	\$0	\$0	(\$25)
FD Concrete =<16'			\$111.00	\$135.00	26	\$241	(\$293)	-	\$0	\$0	(\$52)
CR UG Cable & Cndt			\$127.08	\$129.24	26	\$275	(\$280)	-	\$0	\$0	(\$5)
					Subtotal:	\$653	(\$735)	-	\$0	\$0	(\$82)
<b>VILLAGE OF KINDERHOOK</b>											
LL Open IN 1000	103	347.50	\$56.88	\$65.88	2	\$9	(\$11)	63	\$6	(\$7)	(\$2)
CR UG Cable & Cndt			\$90.72	\$98.88	2	\$15	(\$16)	-	\$0	\$0	(\$1)
					Subtotal:	\$25	(\$27)	63	\$6	(\$7)	(\$4)
<b>VILLAGE OF WILLIAMSVILLE</b>											
CR UG Cable & Cndt			\$100.92	\$107.40	99	\$833	(\$886)	-	\$0	\$0	(\$53)
					<b>Total:</b>	<b>\$25,831</b>	<b>(\$30,133)</b>	<b>1,542</b>	<b>\$152</b>	<b>(\$168)</b>	<b>(\$4,318)</b>

**Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)**

[illegible]

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
April 2025 Incremental Revenue Adjustment  
**Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)**

Present T&D rate 0.06787  
Rate Year 1 T&D rate 0.07496

Apr Burn Hours: 305

Target Facility Price Increase: 12.44%

Description	Billed	Avg Mo	Rate Year 1		Present	April 2025	April 2025	April 2025	April 2025	April 2025	April 2025
	Watts	Burn	Present	Proposed		Facility	Facility		T&D		T&D
	per	Hours	Facility	Facility	Fcst	Revenue	Revenue	Usage	Revenue	Revenue	Incremental
	Lamp		Price	Price	Units	at Present	at Proposed		at Present	at Proposed	Revenue
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)

**Contract S.C.3 Account (continued)**

(S.C. 3 T&D rate per contract. No facility charge unless a Company-procured new facility - then, S.C. 2 price)

**Standard > 16 ft**  
**for UG or URD Service**

Aluminum, anchor base			\$0.00	<b>\$0.00</b>	207	\$	-	\$	-	-	\$	-	\$	-
steel, anchor base			\$0.00	<b>\$0.00</b>	31	\$	-	\$	-	-	\$	-	\$	-

**POLES/STANDARDS**

**Standard <= 16 ft**  
**for UG or URD Service**

Aluminum, anchor base, Villager			\$0.00	<b>\$0.00</b>	27	\$	-	\$	-	-	\$	-	\$	-
Fiberglass, anchor base			\$0.00	<b>\$0.00</b>	3	\$	-	\$	-	-	\$	-	\$	-
Fiberglass, direct embedded			\$0.00	<b>\$0.00</b>	44	\$	-	\$	-	-	\$	-	\$	-

**Decorative Standard <= 16 ft**  
**for UG or URD Service**

Aluminum, AB, Armory Square			\$0.00	<b>\$0.00</b>	728	\$	-	\$	-	-	\$	-	\$	-
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**FOUNDATIONS**

**Concrete - Cast-In-Place**

for AB standard > 16 ft			\$0.00	<b>\$0.00</b>	237	\$	-	\$	-	-	\$	-	\$	-
for AB standard <= 16 ft			\$0.00	<b>\$0.00</b>	760	\$	-	\$	-	-	\$	-	\$	-

**CIRCUITRY**

**UG Service**

**first 50 ft or less per pole**

cable and conduit			\$0.00	<b>\$0.00</b>	976	\$	-	\$	-	-	\$	-	\$	-
cable only			\$0.00	<b>\$0.00</b>	15	\$	-	\$	-	-	\$	-	\$	-

**URD Service**

**first 10 ft or less per pole**

direct buried cable			\$0.00	<b>\$0.00</b>	51	\$	-	\$	-	-	\$	-	\$	-
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**S.C.3 Contract Facilities Priced at S.C.2 Rates:**

Lamp: HPS 100W	118	347.50	\$9.48	<b>\$10.68</b>	25	\$	20	\$	(22)	900	\$	61	\$	(67)	\$	(9)
Lamp: MH 175W	207	347.50	\$65.64	<b>\$73.80</b>	2	\$	11	\$	(12)	126	\$	9	\$	(9)	\$	(2)
LED Roadway D	96	347.50	\$119.88	<b>\$134.76</b>	23	\$	230	\$	(258)	673	\$	46	\$	(50)	\$	(33)
LED Princeton C	65	347.50	\$91.32	<b>\$102.72</b>	9	\$	68	\$	(77)	178	\$	12	\$	(13)	\$	(10)
Luminaire: Aspen Grove 100			\$119.04	<b>\$133.80</b>	25	\$	248	\$	(279)	-	\$	-	\$	-	\$	(31)
Standard <= 16 ft: Fiberglass, direct			\$109.32	<b>\$122.88</b>	25	\$	228	\$	(256)	-	\$	-	\$	-	\$	(28)
Standard <= 16 ft: Alum, Armory Square			\$396.72	<b>\$446.04</b>	1	\$	33	\$	(37)	-	\$	-	\$	-	\$	(4)
Foundation for AB standard > 16 ft			\$255.00	<b>\$286.68</b>	2	\$	43	\$	(48)	-	\$	-	\$	-	\$	(5)
Foundation for AB standard <= 16 ft			\$255.00	<b>\$286.68</b>	1	\$	21	\$	(24)	-	\$	-	\$	-	\$	(3)
UG Circuitry, cable and conduit			\$139.80	<b>\$157.20</b>	2	\$	23	\$	(26)	-	\$	-	\$	-	\$	(3)
URD Circuitry, direct buried cable			\$104.16	<b>\$117.12</b>	25	\$	217	\$	(244)	-	\$	-	\$	-	\$	(27)

S.C. 3 Annual Total: \$29,561 -\$33,357 3,693,932 \$250,707 -\$276,897 -\$29,986



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
April 2025 Incremental Revenue Adjustment  
**Service Classification No. 4 - Traffic Control (Customer Owned and Maintained)**

Present T&D rate	0.01234
Rate Year 1 T&D rate	0.01363

Target Facility Price Increase: **12.44%**

Description	Present Service Charge (a)	Rate Year 1 Proposed Annual Service Charge (b)	Present Fcst Units (c)	April 2025 Facility Revenue at Present Rates (d)	April 2025 Facility Revenue at Proposed Rates (e)	April 2025 Usage (f)	April 2025 T&D Revenue at Present Rates (g)	April 2025 T&D Revenue at Proposed Rates (h)	April 2025 Incremental Revenue (i)
Traffic Control Location Charge	\$354.96	\$399.12	2,218	\$65,608	(\$73,771)	-	\$0	\$0	(\$8,162)
Traffic Control 30 Day kWh	n/a	n/a	526,839	\$0	\$0	519,622	\$6,412	(\$7,082)	(\$670)
<b>S.C. 4 Total:</b>				<b>\$65,608</b>	<b>(\$73,771)</b>	<b>519,622</b>	<b>\$6,412</b>	<b>(\$7,082)</b>	<b>(\$8,833)</b>

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## April 2025 Incremental Revenue Adjustment

## Contract Street Lighting (Customer Contributory Provisions)

Present T&D rate 0.09886  
 Rate Year 1 T&D rate 0.10919

Apr Burn Hours: 305

Target Facility Price Increase: 12.44%

Description	Billed Watts per Lamp (a)	Avg Mo Burn Hours (b)	Present Facility Price (c)	Rate Year 1 Proposed Annual Facility Price (d)	Present Fctst Units (e)	April 2025 Facility Revenue at Present Rates (f)	April 2025 Facility Revenue at Proposed Rates (g)	April 2025 Usage (h)	April 2025 T&D Revenue at Present Rates (i)	April 2025 T&D Revenue at Proposed Rates (j)	April 2025 Incremental Revenue (k)
<b><u>TOWN OF HAMLIN</u></b>											
100W	118	347.50	\$8.52	\$9.60	6	\$4	(\$5)	216	\$21	(\$24)	(\$3)
Arch. (style unknown) 70/100			\$35.28	\$39.72	6	\$18	(\$20)	-	\$0	\$0	(\$2)
Fiberglass, anchor base			\$29.88	\$33.60	6	\$15	(\$17)	-	\$0	\$0	(\$2)
for AB standards, all applications			\$49.32	\$55.44	6	\$25	(\$28)	-	\$0	\$0	(\$3)
direct buried cable			\$6.12	\$6.84	6	\$3	(\$3)	-	\$0	\$0	(\$0)
CR EF DB Cable/ft			\$0.48	\$0.48	284	\$11	(\$11)	-	\$0	\$0	\$0
<b><u>TOWN OF HAMLIN HILLCREST SUBDIV SC 5</u></b>											
100W	118	347.50	\$8.52	\$9.60	13	\$9	(\$10)	468	\$46	(\$51)	(\$6)
150W	173	347.50	\$8.76	\$9.84	3	\$2	(\$2)	158	\$16	(\$17)	(\$2)
Arch. (style unknown) 70/100			\$35.28	\$39.72	10	\$29	(\$33)	-	\$0	\$0	(\$4)
LM Arch 150/175			\$26.76	\$30.12	3	\$7	(\$8)	-	\$0	\$0	(\$1)
Fiberglass, anchor base			\$29.88	\$33.60	16	\$40	(\$45)	-	\$0	\$0	(\$5)
for anchor base standard <= 16 ft			\$87.72	\$98.64	12	\$88	(\$99)	-	\$0	\$0	(\$11)
for AB standards, all applications			\$49.32	\$55.44	4	\$16	(\$18)	-	\$0	\$0	(\$2)
direct buried cable			\$6.12	\$6.84	16	\$8	(\$9)	-	\$0	\$0	(\$1)
CR EF DB Cable/ft			\$0.48	\$0.48	344	\$14	(\$14)	-	\$0	\$0	\$0
Edison 100			\$35.28	\$39.72	3	\$9	(\$10)	-	\$0	\$0	(\$1)
<b>Contract Total:</b>						<b>\$298</b>	<b>(\$332)</b>	<b>842</b>	<b>\$83</b>	<b>(\$92)</b>	<b>(\$43)</b>

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

**P.S.C. NO. 214 ELECTRICITY**

**Rate Year 1 at Present and Proposed Compressed Volumetric Rates for Customer Impact Analysis**

	Rate Year 1 at Present Rates			Rate Year 1 at Compressed Rates*			Percentage Change in Rate		
	SC-1/SC-2/ Contract	SC-3	SC-4	SC-1/SC-2/ Contract	SC-3	SC-4	SC-1/SC-2/ Contract	SC-3	SC-4
<b>COMMODITY RATES</b>									
Electricity Supply Cost - Western	0.05390	0.05390	0.06304	0.05484	0.05484	0.06414	1.8%	1.8%	1.8%
Electricity Supply Cost - Central	0.05592	0.05592	0.06518	0.05690	0.05690	0.06633	1.8%	1.8%	1.8%
Electricity Supply Cost - Eastern	0.06699	0.06699	0.07661	0.06817	0.06817	0.07796	1.8%	1.8%	1.8%
Clean Energy Standard (CES)	0.00570	0.00570	0.00570	0.00570	0.00570	0.00570	0.0%	0.0%	0.0%
Merchant Function Charge (MFC)	0.00030	0.00030	0.00030	0.00033	0.00033	0.00033	8.3%	8.3%	8.3%
<b>TOTAL COMMODITY (WESTERN)</b>	0.059901	0.059901	0.069041	0.060870	0.060870	0.070171	1.6%	1.6%	1.6%
<b>TOTAL COMMODITY (CENTRAL)</b>	0.061924	0.061924	0.071188	0.062929	0.062929	0.072356	1.6%	1.6%	1.6%
<b>TOTAL COMMODITY (EASTERN)</b>	0.072998	0.072998	0.082618	0.074197	0.074197	0.083986	1.6%	1.6%	1.7%
<b>DELIVERY RATES</b>									
Base Delivery Rates	0.09886	0.06787	0.01234	0.11826	0.08094	0.01496	19.6%	19.3%	21.2%
Legacy Transition Charge (LTC)	0.000458	0.000458	0.000458	0.000458	0.000458	0.000458	0.0%	0.0%	0.0%
Dynamic Load Management (DLM)	0.000177	0.000177	0.000177	0.000177	0.000177	0.000177	0.0%	0.0%	0.0%
Value of Distributed Generation (VDER CR)	0.00184	0.00184	0.00184	0.00184	0.00184	0.00184	0.0%	0.0%	0.0%
Clean Energy Fund (CEF)	0.006652	0.006652	0.006652	0.006652	0.006652	0.006652	0.0%	0.0%	0.0%
Integrated Energy Data Resource Phase 2 (IEDR)	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.0%	0.0%	0.0%
Clean Energy Standard Delivery (CESD)	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.0%	0.0%	0.0%
Electric Vehicle Make-Ready (EVMR)	0.00076	0.00076	0.00076	0.00076	0.00076	0.00076	0.0%	0.0%	0.0%
Net Utility Plant (NUP)	0.00827	0.00827	0.00827	0.00000	0.00000	0.00000	-100.0%	-100.0%	-100.0%
Earnings Adjustment Mechanism (EAM)	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.0%	0.0%	0.0%
Rate Adjustment Mechanism (RAM)	0.00000	0.00000	0.00000	-0.00625	-0.00625	-0.00625	0.0%	0.0%	0.0%
<b>DELIVERY SUMMARY</b>	0.118037	0.087047	0.031517	0.122917	0.085597	0.019617	4.1%	-1.7%	-37.8%
<b>TOTAL VOLUMETRIC RATE (WESTERN)</b>	0.177938	0.146948	0.100558	0.183788	0.146468	0.089788	3.3%	-0.3%	-10.7%
<b>TOTAL VOLUMETRIC RATE (CENTRAL)</b>	0.179961	0.148971	0.102705	0.185846	0.148526	0.091973	3.3%	-0.3%	-10.4%
<b>TOTAL VOLUMETRIC RATE (EASTERN)</b>	0.191035	0.160045	0.114135	0.197114	0.159794	0.103603	3.2%	-0.2%	-9.2%
<b>GRT Delivery</b>	3.0928%	3.0928%	3.0928%	3.0928%	3.0928%	3.0928%	0.0%	0.0%	0.0%
<b>GRT Commodity</b>	1.0101%	1.0101%	1.0101%	1.0101%	1.0101%	1.0101%	0.0%	0.0%	0.0%

Note: RDM, NWA, ESS, TRAC, AMP 1, AMP 2, LPCO, NE:NY, and ESRM surcharges are estimated as \$0.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. NO. 214 ELECTRICITY

## Compressed Rate Year 1 Customer Bill Impact

SC1 Bill Impact Analysis by Customer							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	1%	2%	0	0%	\$ -		
Increase of	2%	3%	0	0%	\$ -		
Increase of	3%	4%	812	14%	\$ 24,961	\$ 30.74	\$ 2.56
Increase of	4%	5%	1,888	33%	\$ 82,577	\$ 43.74	\$ 3.64
Increase of	5%	6%	1,441	26%	\$ 80,571	\$ 55.91	\$ 4.66
Increase of	6%	7%	1,004	18%	\$ 40,595	\$ 40.43	\$ 3.37
Increase of	7%	8%	373	7%	\$ 16,198	\$ 43.43	\$ 3.62
Increase of	8%	9%	107	2%	\$ 7,580	\$ 70.84	\$ 5.90
Increase of	9%	10%	14	0%	\$ 5,742	\$ 410.14	\$ 34.18
Increase of	10%	11%	5	0%	\$ 1,963	\$ 392.66	\$ 32.72
Increase of	11%	12%	2	0%	\$ 33	\$ 16.33	\$ 1.36
Increase of	12%	13%	0	0%	\$ -		
Increase of	13%	14%	0	0%	\$ -		
Total:			5,646	100%	\$ 260,220	\$ 46.09	\$ 3.84

SC2 Bill Impact Analysis by Customer							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	0%	1%	0	0%	\$ -		
Increase of	1%	2%	0	0%	\$ -		
Increase of	2%	3%	4	1%	\$ 45	\$ 11.36	\$ 0.95
Increase of	3%	4%	42	6%	\$ 9,955	\$ 237.03	\$ 19.75
Increase of	4%	5%	262	39%	\$ 139,089	\$ 530.88	\$ 44.24
Increase of	5%	6%	110	16%	\$ 149,386	\$ 1,358.06	\$ 113.17
Increase of	6%	7%	136	20%	\$ 301,847	\$ 2,219.46	\$ 184.96
Increase of	7%	8%	54	8%	\$ 270,690	\$ 5,012.77	\$ 417.73
Increase of	8%	9%	29	4%	\$ 1,314,996	\$ 45,344.68	\$ 3,778.72
Increase of	9%	10%	20	3%	\$ 69,981	\$ 3,499.03	\$ 291.59
Increase of	10%	11%	5	1%	\$ 6,095	\$ 1,218.93	\$ 101.58
Increase of	11%	12%	9	1%	\$ 943	\$ 104.78	\$ 8.73
Increase of	12%	13%	0	0%	\$ -		
Increase of	13%	14%	0	0%	\$ -		
Total:			671	100%	\$ 2,263,027	\$ 3,372.62	\$ 281.05

Price Exception (PE) SC2 Customers Total Bill Impact*			
	% Impact	\$ Impact	\$/Month
CUSTOMER 1	6.69%	\$ 1,070	\$ 89
CUSTOMER 2	8.10%	\$ 1,091,893	\$ 90,991
CUSTOMER 3	6.76%	\$ 65,116	\$ 5,426
CUSTOMER 4	5.68%	\$ 9,291	\$ 774
CUSTOMER 5	8.24%	\$ 3,834	\$ 319
CUSTOMER 6	6.84%	\$ 7,432	\$ 619
Total:		\$ 1,178,636	\$ 98,220

\*Total impact includes listed customers' non-PE facility impacts.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. NO. 214 ELECTRICITY

## Compressed Rate Year 1 Customer Bill Impact

SC2-Special Contracts Bill Impact Analysis by Customer							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Decrease of	-1%	0%	0	0%	\$ -		
Increase of	0%	1%	1	50%	\$ 1,663	\$ 1,662.91	\$ 138.58
Increase of	1%	2%	0	0%	\$ -		
Increase of	2%	3%	0	0%	\$ -		
Increase of	3%	4%	0	0%	\$ -		
Increase of	4%	5%	0	0%	\$ -		
Increase of	5%	6%	0	0%	\$ -		
Increase of	6%	7%	0	0%	\$ -		
Increase of	7%	8%	1	50%	\$ 436	\$ 435.56	\$ 36.30
Increase of	8%	9%	0	0%	\$ -		
Total:			2	100%	\$ 2,098	\$ 1,049.24	\$ 87.44

SC3 Bill Impact Analysis by Customer							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Decrease of	-3%	-2%	0	0%	\$ -		
Decrease of	-2%	-1%	0	0%	\$ -		
Decrease of	-1%	0%	36	19%	\$ (115)	\$ (3.21)	\$ (0.27)
Increase of	0%	1%	105	56%	\$ 12,474	\$ 118.80	\$ 9.90
Increase of	1%	2%	15	8%	\$ 17,256	\$ 1,150.42	\$ 95.87
Increase of	2%	3%	28	15%	\$ 13,092	\$ 467.59	\$ 38.97
Increase of	3%	4%	4	2%	\$ 814	\$ 203.39	\$ 16.95
Increase of	4%	5%	0	0%	\$ -		
Increase of	5%	6%	0	0%	\$ -		
Total:			188	100%	\$ 43,521	\$ 231.49	\$ 19.29

SC4 Bill Impact Analysis by Customer							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Decrease of	-4%	-3%	0	0%	\$ -		
Decrease of	-3%	-2%	0	0%	\$ -		
Decrease of	-2%	-1%	1	1%	\$ (19)	\$ (18.66)	\$ (1.55)
Decrease of	-1%	0%	4	3%	\$ (30)	\$ (7.47)	\$ (0.62)
Increase of	0%	1%	5	4%	\$ 1,753	\$ 350.67	\$ 29.22
Increase of	1%	2%	5	4%	\$ 583	\$ 116.64	\$ 9.72
Increase of	2%	3%	10	8%	\$ 6,169	\$ 616.87	\$ 51.41
Increase of	3%	4%	15	12%	\$ 15,140	\$ 1,009.32	\$ 84.11
Increase of	4%	5%	11	9%	\$ 8,649	\$ 786.25	\$ 65.52
Increase of	5%	6%	26	21%	\$ 11,734	\$ 451.30	\$ 37.61
Increase of	6%	7%	19	15%	\$ 7,595	\$ 399.72	\$ 33.31
Increase of	7%	8%	13	10%	\$ 1,778	\$ 136.73	\$ 11.39
Increase of	8%	9%	8	6%	\$ 1,037	\$ 129.65	\$ 10.80
Increase of	9%	10%	5	4%	\$ 389	\$ 77.72	\$ 6.48
Increase of	10%	11%	4	3%	\$ 203	\$ 50.73	\$ 4.23
Increase of	11%	12%	0	0%	\$ -		
Increase of	12%	13%	0	0%	\$ -		
Total:			126	100%	\$ 54,980	\$ 436.35	\$ 36.36

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. NO. 214 ELECTRICITY**  
**Rate Year 2\* at Rate Year 1 and Proposed Volumetric Rates for Customer Impact Analysis**

	Rate Year 2* at Rate Year 1 COMP Rates			Rate Year 2* at Proposed Rates			Percentage Change in Rate		
	SC-1/SC-2/ Contract	SC-3	SC-4	SC-1/SC-2/ Contract	SC-3	SC-4	SC-1/SC-2/ Contract	SC-3	SC-4
<b>COMMODITY RATES</b>									
Electricity Supply Cost - Western	0.05405	0.05405	0.06295	0.05405	0.05405	0.06295	0.0%	0.0%	0.0%
Electricity Supply Cost - Central	0.05872	0.05872	0.06783	0.05872	0.05872	0.06783	0.0%	0.0%	0.0%
Electricity Supply Cost - Eastern	0.06980	0.06980	0.07930	0.06980	0.06980	0.07930	0.0%	0.0%	0.0%
Clean Energy Standard (CES)	0.00570	0.00570	0.00570	0.00570	0.00570	0.00570	0.0%	0.0%	0.0%
Merchant Function Charge (MFC)	0.00033	0.00033	0.00033	0.00033	0.00033	0.00033	0.0%	0.0%	0.0%
<b>TOTAL COMMODITY (WESTERN)</b>	0.060073	0.060073	0.068974	0.060073	0.060073	0.068974	0.0%	0.0%	0.0%
<b>TOTAL COMMODITY (CENTRAL)</b>	0.064744	0.064744	0.073853	0.064744	0.064744	0.073853	0.0%	0.0%	0.0%
<b>TOTAL COMMODITY (EASTERN)</b>	0.075824	0.075824	0.085326	0.075824	0.075824	0.085326	0.0%	0.0%	0.0%
<b>DELIVERY RATES</b>									
Base Delivery Rates	0.11826	0.08094	0.01496	0.13796	0.09471	0.01721	16.7%	17.0%	15.0%
Legacy Transition Charge (LTC)	0.000224	0.000224	0.000224	0.000224	0.000224	0.000224	0.0%	0.0%	0.0%
Dynamic Load Management (DLM)	0.000177	0.000177	0.000177	0.000177	0.000177	0.000177	0.0%	0.0%	0.0%
Value of Distributed Generation (VDER CR)	0.00184	0.00184	0.00184	0.00184	0.00184	0.00184	0.0%	0.0%	0.0%
Clean Energy Fund (CEF)	0.004646	0.004646	0.004646	0.004646	0.004646	0.004646	0.0%	0.0%	0.0%
Integrated Energy Data Resource Phase 2 (IEDR)	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.0%	0.0%	0.0%
Clean Energy Standard Delivery (CESD)	0.00041	0.00041	0.00041	0.00041	0.00041	0.00041	0.0%	0.0%	0.0%
Electric Vehicle Make-Ready (EVMR)	0.00076	0.00076	0.00076	0.00076	0.00076	0.00076	0.0%	0.0%	0.0%
Earnings Adjustment Mechanism (EAM)	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.0%	0.0%	0.0%
Rate Adjustment Mechanism (RAM)	-0.00625	-0.00625	-0.00625	-0.01576	-0.01576	-0.01576	152.2%	152.2%	152.2%
<b>DELIVERY SUMMARY</b>	0.120927	0.083607	0.017627	0.131117	0.087867	0.010367	8.4%	5.1%	-41.2%
<b>TOTAL VOLUMETRIC RATE (WESTERN)</b>	0.181000	0.143680	0.086601	0.191190	0.147940	0.079341	5.6%	3.0%	-8.4%
<b>TOTAL VOLUMETRIC RATE (CENTRAL)</b>	0.185672	0.148352	0.091480	0.195862	0.152612	0.084220	5.5%	2.9%	-7.9%
<b>TOTAL VOLUMETRIC RATE (EASTERN)</b>	0.196751	0.159431	0.102953	0.206941	0.163691	0.095693	5.2%	2.7%	-7.1%
<b>GRT Delivery</b>	3.0928%	3.0928%	3.0928%	3.0928%	3.0928%	3.0928%	0.0%	0.0%	0.0%
<b>GRT Commodity</b>	1.0101%	1.0101%	1.0101%	1.0101%	1.0101%	1.0101%	0.0%	0.0%	0.0%

Note: RDM, NWA, ESS, TRAC, AMP 1, AMP 2, LPCO, NE:NY, NUP, and ESRM surcharges are estimated as \$0.

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. NO. 214 ELECTRICITY

## Rate Year 2\* Customer Bill Impact

SC1 Bill Impact Analysis by Customer							
		# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust	
Increase of	4%	5%	0	0%	\$ -		
Increase of	5%	6%	0	0%	\$ -		
Increase of	6%	7%	448	8%	\$ 13,395	\$ 29.90	\$ 2.49
Increase of	7%	8%	801	14%	\$ 24,629	\$ 30.75	\$ 2.56
Increase of	8%	9%	930	16%	\$ 103,881	\$ 111.70	\$ 9.31
Increase of	9%	10%	1,293	23%	\$ 157,565	\$ 121.86	\$ 10.16
Increase of	10%	11%	850	15%	\$ 105,707	\$ 124.36	\$ 10.36
Increase of	11%	12%	934	17%	\$ 58,638	\$ 62.78	\$ 5.23
Increase of	12%	13%	265	5%	\$ 23,745	\$ 89.60	\$ 7.47
Increase of	13%	14%	103	2%	\$ 11,027	\$ 107.06	\$ 8.92
Increase of	14%	15%	19	0%	\$ 11,386	\$ 599.25	\$ 49.94
Increase of	15%	16%	1	0%	\$ 764	\$ 764.09	\$ 63.67
Increase of	16%	17%	2	0%	\$ 53	\$ 26.60	\$ 2.22
Increase of	17%	18%	0	0%	\$ -		
Increase of	18%	19%	0	0%	\$ -		
Total:		5,646	100%	\$ 510,791	\$ 90.47	\$ 7.54	

SC2 Bill Impact Analysis by Customer							
		# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust	
Increase of	4%	5%	0	0%	\$ -		
Increase of	5%	6%	0	0%	\$ -		
Increase of	6%	7%	58	9%	\$ 30,713	\$ 529.54	\$ 44.13
Increase of	7%	8%	179	26%	\$ 206,676	\$ 1,154.61	\$ 96.22
Increase of	8%	9%	81	12%	\$ 115,043	\$ 1,420.28	\$ 118.36
Increase of	9%	10%	76	11%	\$ 217,843	\$ 2,866.36	\$ 238.86
Increase of	10%	11%	87	13%	\$ 314,280	\$ 3,612.42	\$ 301.03
Increase of	11%	12%	103	15%	\$ 442,821	\$ 4,299.24	\$ 358.27
Increase of	12%	13%	42	6%	\$ 2,723,426	\$ 64,843.48	\$ 5,403.62
Increase of	13%	14%	20	3%	\$ 186,512	\$ 9,325.62	\$ 777.14
Increase of	14%	15%	17	3%	\$ 183,803	\$ 10,811.92	\$ 900.99
Increase of	15%	16%	5	1%	\$ 10,072	\$ 2,014.48	\$ 167.87
Increase of	16%	17%	9	1%	\$ 1,520	\$ 168.87	\$ 14.07
Increase of	17%	18%	0	0%	\$ -		
Increase of	18%	19%	0	0%	\$ -		
Total:		677	100%	\$ 4,432,710	\$ 6,547.58	\$ 545.63	

Price Exception (PE) SC2 Customers Total Bill Impact*			
	% Impact	\$ Impact	\$/Month
CUSTOMER 1	10.91%	\$ 1,855	\$ 155
CUSTOMER 2	12.86%	\$ 1,794,705	\$ 149,559
CUSTOMER 3	10.65%	\$ 109,579	\$ 9,132
CUSTOMER 4	11.23%	\$ 27,126	\$ 2,260
CUSTOMER 5	12.95%	\$ 6,524	\$ 544
CUSTOMER 6	11.01%	\$ 12,744	\$ 1,062
Total:		\$ 1,952,534	\$ 162,711

\*Total impact includes listed customers' non-PE facility impacts.

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. NO. 214 ELECTRICITY

## Rate Year 2\* Customer Bill Impact

<b>SC2-Special Contracts Bill Impact Analysis by Customer</b>							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	2%	3%	1	50%	\$ 11,693	\$ 11,693.10	\$ 974.42
Increase of	3%	4%	0	0%	\$ -		
Increase of	4%	5%	0	0%	\$ -		
Increase of	5%	6%	0	0%	\$ -		
Increase of	6%	7%	0	0%	\$ -		
Increase of	7%	8%	0	0%	\$ -		
Increase of	8%	9%	0	0%	\$ -		
Increase of	9%	10%	0	0%	\$ -		
Increase of	10%	11%	0	0%	\$ -		
Increase of	11%	12%	0	0%	\$ -		
Increase of	12%	13%	0	0%	\$ -		
Increase of	13%	14%	1	50%	\$ 836		
Increase of	14%	15%	0	0%	\$ -		
Total:			2	100%	\$ 12,529	\$ 6,264.48	\$ 522.04

<b>SC3 Bill Impact Analysis by Customer</b>							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	0%	1%	0	0%	\$ -	\$ 213.71	\$ 17.81
Increase of	1%	2%	25	13%	\$ 5,343		
Increase of	2%	3%	108	58%	\$ 74,650		
Increase of	3%	4%	13	7%	\$ 60,580		
Increase of	4%	5%	14	7%	\$ 23,288		
Increase of	5%	6%	23	12%	\$ 20,386		
Increase of	6%	7%	3	2%	\$ 1,284		
Increase of	7%	8%	1	1%	\$ 306		
Increase of	8%	9%	0	0%	\$ -		
Increase of	9%	10%	0	0%	\$ -		
Total:			187	100%	\$ 185,837	\$ 993.78	\$ 82.82

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.



## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. NO. 214 ELECTRICITY

## Rate Year 2\* Customer Bill Impact

SC4 Bill Impact Analysis by Customer							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Decrease of	-6%	-5%	0	0%	\$ -		
Decrease of	-5%	-4%	2	2%	\$ (119)	\$ (59.36)	\$ (4.95)
Decrease of	-4%	-3%	1	1%	\$ (46)	\$ (45.72)	\$ (3.81)
Decrease of	-3%	-2%	2	2%	\$ (137)	\$ (68.36)	\$ (5.70)
Decrease of	-2%	-1%	2	2%	\$ (945)	\$ (472.53)	\$ (39.38)
Decrease of	-1%	0%	6	5%	\$ (1,205)	\$ (200.79)	\$ (16.73)
Increase of	0%	1%	2	2%	\$ 95	\$ 47.66	\$ 3.97
Increase of	1%	2%	3	2%	\$ 407	\$ 135.61	\$ 11.30
Increase of	2%	3%	7	6%	\$ 5,297	\$ 756.72	\$ 63.06
Increase of	3%	4%	12	10%	\$ 1,442	\$ 120.18	\$ 10.02
Increase of	4%	5%	5	4%	\$ 16,882	\$ 3,376.34	\$ 281.36
Increase of	5%	6%	4	3%	\$ 564	\$ 140.91	\$ 11.74
Increase of	6%	7%	19	15%	\$ 12,770	\$ 672.11	\$ 56.01
Increase of	7%	8%	11	9%	\$ 13,853	\$ 1,259.40	\$ 104.95
Increase of	8%	9%	6	5%	\$ 4,736	\$ 789.39	\$ 65.78
Increase of	9%	10%	20	16%	\$ 8,393	\$ 419.67	\$ 34.97
Increase of	10%	11%	5	4%	\$ 541	\$ 108.16	\$ 9.01
Increase of	11%	12%	7	6%	\$ 1,299	\$ 185.54	\$ 15.46
Increase of	12%	13%	3	2%	\$ 470	\$ 156.57	\$ 13.05
Increase of	13%	14%	4	3%	\$ 550	\$ 137.47	\$ 11.46
Increase of	14%	15%	2	2%	\$ 127	\$ 63.56	\$ 5.30
Increase of	15%	16%	3	2%	\$ 262	\$ 87.32	\$ 7.28
Increase of	16%	17%	0	0%	\$ -		
Total:			126	100%	\$ 65,237	\$ 517.76	\$ 43.15

\*Rate Year 2 includes a portion of Rate Year 1 compression which was achieved through a change to the levelization deferral provided in Appendix 1, Schedule 6.

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. NO. 214 ELECTRICITY**  
**Rate Year 3 at Rate Year 2 and Proposed Volumetric Rates for Customer Impact Analysis**

	Rate Year 3 at Rate Year 2 Rates			Rate Year 3 at Proposed Rates*			Percentage Change in Rate		
	SC-1/SC-2/ Contract	SC-3	SC-4	SC-1/SC-2/ Contract	SC-3	SC-4	SC-1/SC-2/ Contract	SC-3	SC-4
<b>COMMODITY RATES</b>									
Electricity Supply Cost - Western	0.05419	0.05419	0.06339	0.05419	0.05419	0.06339	0.0%	0.0%	0.0%
Electricity Supply Cost - Central	0.05855	0.05855	0.06773	0.05855	0.05855	0.06773	0.0%	0.0%	0.0%
Electricity Supply Cost - Eastern	0.06591	0.06591	0.07536	0.06591	0.06591	0.07536	0.0%	0.0%	0.0%
Clean Energy Standard (CES)	0.00570	0.00570	0.00570	0.00570	0.00570	0.00570	0.0%	0.0%	0.0%
Merchant Function Charge (MFC)	0.00033	0.00033	0.00033	0.00033	0.00033	0.00033	0.0%	0.0%	0.0%
<b>TOTAL COMMODITY (WESTERN)</b>	0.060224	0.060224	0.069417	0.060224	0.060224	0.069417	0.0%	0.0%	0.0%
<b>TOTAL COMMODITY (CENTRAL)</b>	0.064577	0.064577	0.073761	0.064577	0.064577	0.073761	0.0%	0.0%	0.0%
<b>TOTAL COMMODITY (EASTERN)</b>	0.071943	0.071943	0.081391	0.071943	0.071943	0.081391	0.0%	0.0%	0.0%
<b>DELIVERY RATES</b>									
Base Delivery Rates	0.13796	0.09471	0.01721	0.16234	0.11144	0.02025	17.7%	17.7%	17.7%
Legacy Transition Charge (LTC)	0.000095	0.000095	0.000095	0.000095	0.000095	0.000095	0.0%	0.0%	0.0%
Dynamic Load Management (DLM)	0.000177	0.000177	0.000177	0.000177	0.000177	0.000177	0.0%	0.0%	0.0%
Value of Distributed Generation (VDER CR)	0.00184	0.00184	0.00184	0.00184	0.00184	0.00184	0.0%	0.0%	0.0%
Clean Energy Fund (CEF)	0.00343	0.00343	0.00343	0.00343	0.00343	0.00343	0.0%	0.0%	0.0%
Integrated Energy Data Resource Phase 2 (IEDR)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.0%	0.0%	0.0%
Clean Energy Standard Delivery (CESD)	0.00133	0.00133	0.00133	0.00133	0.00133	0.00133	0.0%	0.0%	0.0%
Electric Vehicle Make-Ready (EVMR)	0.00076	0.00076	0.00076	0.00076	0.00076	0.00076	0.0%	0.0%	0.0%
Earnings Adjustment Mechanism (EAM)	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.0%	0.0%	0.0%
Rate Adjustment Mechanism (RAM)	-0.01576	-0.01576	-0.01576	-0.00303	-0.00303	-0.00303	0.0%	0.0%	0.0%
<b>DELIVERY SUMMARY</b>	0.130607	0.087357	0.009857	0.167717	0.116817	0.025627	28.4%	33.7%	160.0%
<b>TOTAL VOLUMETRIC RATE (WESTERN)</b>	0.190831	0.147581	0.079274	0.227941	0.177041	0.095044	19.4%	20.0%	19.9%
<b>TOTAL VOLUMETRIC RATE (CENTRAL)</b>	0.195184	0.151934	0.083618	0.232294	0.181394	0.099388	19.0%	19.4%	18.9%
<b>TOTAL VOLUMETRIC RATE (EASTERN)</b>	0.202550	0.159300	0.091248	0.239660	0.188760	0.107018	18.3%	18.5%	17.3%
<b>GRT Delivery</b>	3.0928%	3.0928%	3.0928%	3.0928%	3.0928%	3.0928%	0.0%	0.0%	0.0%
<b>GRT Commodity</b>	1.0101%	1.0101%	1.0101%	1.0101%	1.0101%	1.0101%	0.0%	0.0%	0.0%

Note: RDM, NWA, ESS, TRAC, AMP 1, AMP 2, LPCO, NE:NY, NUP, and ESRM surcharges are estimated as \$0.

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. NO. 214 ELECTRICITY**  
**Rate Year 3 Customer Bill Impact**

<b>SC1 Bill Impact Analysis by Customer</b>							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	5%	6%	0	0%	\$ -		
Increase of	6%	7%	0	0%	\$ -		
Increase of	7%	8%	226	4%	\$ 3,353	\$ 14.84	\$ 1.24
Increase of	8%	9%	81	1%	\$ 2,569	\$ 31.71	\$ 2.64
Increase of	9%	10%	509	9%	\$ 14,499	\$ 28.49	\$ 2.37
Increase of	10%	11%	265	5%	\$ 15,388	\$ 58.07	\$ 4.84
Increase of	11%	12%	39	1%	\$ 5,749	\$ 147.42	\$ 12.28
Increase of	12%	13%	232	4%	\$ 40,469	\$ 174.44	\$ 14.54
Increase of	13%	14%	265	5%	\$ 43,315	\$ 163.45	\$ 13.62
Increase of	14%	15%	508	9%	\$ 63,566	\$ 125.13	\$ 10.43
Increase of	15%	16%	1,337	24%	\$ 201,994	\$ 151.08	\$ 12.59
Increase of	16%	17%	1,444	26%	\$ 323,197	\$ 223.82	\$ 18.65
Increase of	17%	18%	732	13%	\$ 170,737	\$ 233.25	\$ 19.44
Increase of	18%	19%	8	0%	\$ 4,609	\$ 576.15	\$ 48.01
Increase of	19%	20%	0	0%	\$ -		
Increase of	>20%		0	0%	\$ -		
Total:			5,646	100%	\$ 889,447	\$ 157.54	\$ 13.13

<b>SC2 Bill Impact Analysis by Customer</b>							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	6%	7%	0	0%	\$ -		
Increase of	7%	8%	48	7%	\$ 46,790	\$ 974.80	\$ 81.23
Increase of	8%	9%	113	17%	\$ 211,926	\$ 1,875.45	\$ 156.29
Increase of	9%	10%	94	14%	\$ 396,591	\$ 4,219.05	\$ 351.59
Increase of	10%	11%	55	8%	\$ 653,599	\$ 11,883.63	\$ 990.30
Increase of	11%	12%	31	5%	\$ 161,654	\$ 5,214.65	\$ 434.55
Increase of	12%	13%	25	4%	\$ 90,879	\$ 3,635.17	\$ 302.93
Increase of	13%	14%	29	4%	\$ 186,214	\$ 6,421.16	\$ 535.10
Increase of	14%	15%	69	10%	\$ 2,533,421	\$ 36,716.25	\$ 3,059.69
Increase of	15%	16%	111	17%	\$ 258,279	\$ 2,326.84	\$ 193.90
Increase of	16%	17%	54	8%	\$ 42,626	\$ 789.36	\$ 65.78
Increase of	17%	18%	37	6%	\$ 13,814	\$ 373.34	\$ 31.11
Increase of	18%	19%	1	0%	\$ 6,272	\$ 6,271.88	\$ 522.66
Increase of	19%	20%	4	1%	\$ 443	\$ 110.76	\$ 9.23
Increase of	>20%		0	0%	\$ -		
Total:			671	100%	\$ 4,602,508	\$ 6,859.18	\$ 571.60

<b>Price Exception (PE) SC2 Customers Total Bill Impact*</b>			
	% Impact	\$ Impact	\$/Month
CUSTOMER 1	12.48%	\$ 2,352	\$ 196
CUSTOMER 2	14.23%	\$ 2,239,425	\$ 186,619
CUSTOMER 3	10.43%	\$ 118,217	\$ 9,851
CUSTOMER 4	9.92%	\$ 18,693	\$ 1,558
CUSTOMER 5	13.36%	\$ 7,550	\$ 629
CUSTOMER 6	11.61%	\$ 14,915	\$ 1,243
Total:		\$ 2,401,153	\$ 200,096

\*Total impact includes listed customers' non-PE facility impacts.

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**P.S.C. NO. 214 ELECTRICITY**  
**Rate Year 3 Customer Bill Impact**

<b>SC2-Special Contracts Bill Impact Analysis by Customer</b>							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	13%	14%	0	0%	\$ -		
Increase of	14%	15%	1	50%	\$ 1,007	\$ 1,007.32	\$ 83.94
Increase of	15%	16%	0	0%	\$ -		
Increase of	16%	17%	0	0%	\$ -		
Increase of	17%	18%	0	0%	\$ -		
Increase of	18%	19%	0	0%	\$ -		
Increase of	19%	20%	1	50%	\$ 87,963	\$ 87,963.42	\$ 7,330.28
Increase of		>20%	0	0%	\$ -		
Total:			2	100%	\$ 88,971	\$ 44,485.37	\$ 3,707.11

<b>SC3 Bill Impact Analysis by Customer</b>							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	15%	16%	0	0%	\$ -		
Increase of	16%	17%	6	3%	\$ 29,796	\$ 4,966.02	\$ 413.84
Increase of	17%	18%	29	15%	\$ 253,425	\$ 8,738.80	\$ 728.23
Increase of	18%	19%	43	23%	\$ 261,635	\$ 6,084.53	\$ 507.04
Increase of	19%	20%	72	38%	\$ 541,599	\$ 7,522.21	\$ 626.85
Increase of	20%	21%	38	20%	\$ 352,877	\$ 9,286.23	\$ 773.85
Total:			188	100%	\$ 1,439,332	\$ 7,656.02	\$ 638.00

<b>SC4 Bill Impact Analysis by Customer</b>							
			# Cust	% of Cust	\$ Impact	Annual/Cust	Monthly/Cust
Increase of	9%	10%	0	0%	\$ -		
Increase of	10%	11%	0	0%	\$ -		
Increase of	11%	12%	10	8%	\$ 1,020	\$ 101.96	\$ 8.50
Increase of	12%	13%	41	33%	\$ 20,795	\$ 507.19	\$ 42.27
Increase of	13%	14%	40	32%	\$ 73,878	\$ 1,846.96	\$ 153.91
Increase of	14%	15%	23	18%	\$ 109,118	\$ 4,744.24	\$ 395.35
Increase of	15%	16%	9	7%	\$ 15,197	\$ 1,688.51	\$ 140.71
Increase of	16%	17%	3	2%	\$ 764	\$ 254.71	\$ 21.23
Increase of	17%	18%	0	0%	\$ -		
Increase of	18%	19%	0	0%	\$ -		
Total:			126	100%	\$ 220,771	\$ 1,752.15	\$ 146.01

**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

Description	Billed	Annual	Forecast	Percent	Proposed	Proposed	Forecast	Forecast	Gross	Total	Average	Prorated
	Watts	kWh		of	Annual	Annual	Annual					Average
	Per	Per	Units	Total	Facility	T&D	Commodity	Delivery	Receipts	Annual	Charge	Charge
	Lamp	Lamp		Units	Charge	Charge	Charge	Surcharges	Tax	Charge	Per Night	Per Night
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
High Pressure Sodium												
70W	86	359	8,826	7.4%	\$10.68	\$42.46	\$23.69	\$1.67	\$0.79	\$79.29	\$0.22	\$0.01619
24 HR - 70W	86	359	-	0.0%	\$21.36	\$42.46	\$23.69	\$1.67	\$0.90	\$90.08	\$0.25	\$0.00000
100W	118	492	13,922	11.6%	\$10.68	\$58.18	\$32.47	\$2.29	\$1.05	\$104.67	\$0.29	\$0.03367
24 HR - 100W	118	492	8	0.0%	\$21.36	\$58.18	\$32.47	\$2.29	\$1.15	\$115.45	\$0.32	\$0.00002
150W	173	721	18,465	15.4%	\$10.68	\$85.27	\$47.58	\$3.36	\$1.48	\$148.37	\$0.41	\$0.06314
24 HR - 150W	173	721	51	0.0%	\$21.36	\$85.27	\$47.58	\$3.36	\$1.59	\$159.16	\$0.44	\$0.00019
250W	304	1,268	7,457	6.2%	\$10.68	\$149.95	\$83.69	\$5.91	\$2.53	\$252.76	\$0.69	\$0.04291
24 HR - 250W	304	1,268	81	0.1%	\$21.36	\$149.95	\$83.69	\$5.91	\$2.64	\$263.55	\$0.72	\$0.00049
400W	470	1,960	1,767	1.5%	\$10.68	\$231.79	\$129.36	\$9.13	\$3.85	\$384.81	\$1.05	\$0.01547
24 HR - 400W	470	1,960	-	0.0%	\$21.36	\$231.79	\$129.36	\$9.13	\$3.96	\$395.60	\$1.08	\$0.00000
1000W	1106	4,612	5	0.0%	\$21.60	\$545.42	\$304.39	\$21.48	\$9.02	\$901.91	\$2.47	\$0.00010
Metal Halide												
175W	207	863	1,451	1.2%	\$73.80	\$102.06	\$56.96	\$4.02	\$2.39	\$239.23	\$0.66	\$0.00799
250W	295	1,230	261	0.2%	\$73.80	\$145.46	\$81.18	\$5.73	\$3.09	\$309.26	\$0.85	\$0.00185
400W	451	1,881	558	0.5%	\$73.80	\$222.45	\$124.14	\$8.76	\$4.33	\$433.48	\$1.19	\$0.00554
1000W	1078	4,495	-	0.0%	\$73.80	\$531.58	\$296.66	\$20.93	\$9.32	\$932.29	\$2.55	\$0.00000
Mercury Vapor												
100W	130	542	116	0.1%	\$9.12	\$64.10	\$35.77	\$2.52	\$1.13	\$112.64	\$0.31	\$0.00030
175W	211	880	388	0.3%	\$9.12	\$104.07	\$58.08	\$4.10	\$1.77	\$177.14	\$0.49	\$0.00159
400W	477	1,989	91	0.1%	\$9.12	\$235.22	\$131.27	\$9.26	\$3.89	\$388.76	\$1.07	\$0.00081
1000W	1095	4,566	2	0.0%	\$17.16	\$539.98	\$301.35	\$21.26	\$8.89	\$888.64	\$2.43	\$0.00004
LED												
LL Roadway LED-B	25	104	32,646	27.2%	\$95.88	\$12.30	\$6.86	\$0.48	\$1.17	\$116.69	\$0.32	\$0.08713
24 HR - LL Roadway LED-B	25	104	-	0.0%	\$201.36	\$12.30	\$6.86	\$0.48	\$2.23	\$223.23	\$0.61	\$0.00000
LL Roadway LED-C	48	200	20,033	16.7%	\$101.40	\$23.65	\$13.20	\$0.93	\$1.41	\$140.59	\$0.39	\$0.06516
24 HR - LL Roadway LED-C	48	200	-	0.0%	\$212.88	\$23.65	\$13.20	\$0.93	\$2.53	\$253.19	\$0.69	\$0.00000
LL Roadway LED-D	96	400	8,288	6.9%	\$126.12	\$47.30	\$26.40	\$1.86	\$2.04	\$203.72	\$0.56	\$0.03871
24 HR - LL Roadway LED-D	96	400	-	0.0%	\$264.72	\$47.30	\$26.40	\$1.86	\$3.44	\$343.72	\$0.94	\$0.00000
LL Roadway LED-F	210	876	1,025	0.9%	\$136.32	\$103.60	\$57.81	\$4.08	\$3.05	\$304.86	\$0.84	\$0.00718
24 HR - LL Roadway LED-F	210	876	-	0.0%	\$286.32	\$103.60	\$57.81	\$4.08	\$4.56	\$456.37	\$1.25	\$0.00000
LL Floodlight LED-E	151	630	21	0.0%	\$92.64	\$74.50	\$41.58	\$2.93	\$2.14	\$213.79	\$0.59	\$0.00010
LL Floodlight LED-F	200	834	22	0.0%	\$100.68	\$98.63	\$55.04	\$3.88	\$2.61	\$260.84	\$0.71	\$0.00013
LL Arbordale LED-C	53	221	-	0.0%	\$89.04	\$26.14	\$14.59	\$1.03	\$1.32	\$132.12	\$0.36	\$0.00000
LL Arbordale LED-D	91	379	3	0.0%	\$73.68	\$44.82	\$25.01	\$1.77	\$1.47	\$146.75	\$0.40	\$0.00001
LL Arbordale LED-E	132	550	-	0.0%	\$95.40	\$65.04	\$36.30	\$2.56	\$2.01	\$201.31	\$0.55	\$0.00000
LL Arbordale LED-F	177	738	24	0.0%	\$123.72	\$87.28	\$48.71	\$3.44	\$2.66	\$265.81	\$0.73	\$0.00015
LL Carriage LED-B	35	146	908	0.8%	\$76.92	\$17.27	\$9.64	\$0.68	\$1.06	\$105.57	\$0.29	\$0.00220
LL Carriage LED-C	66	275	2,673	2.2%	\$71.76	\$32.52	\$18.15	\$1.28	\$1.25	\$124.96	\$0.34	\$0.00758
LL Highland Pk LED-B	30	125	163	0.1%	\$109.20	\$14.78	\$8.25	\$0.58	\$1.34	\$134.15	\$0.37	\$0.00050
LL Highland Pk LED-C	65	271	122	0.1%	\$117.60	\$32.05	\$17.89	\$1.26	\$1.71	\$170.51	\$0.47	\$0.00048
LL Oxford LED-B	30	125	111	0.1%	\$86.40	\$14.78	\$8.25	\$0.58	\$1.11	\$111.12	\$0.30	\$0.00028
LL Oxford LED-C	57	238	251	0.2%	\$106.32	\$28.15	\$15.71	\$1.11	\$1.53	\$152.82	\$0.42	\$0.00088
LL Princeton LED-B	30	125	2	0.0%	\$94.20	\$14.78	\$8.25	\$0.58	\$1.19	\$119.00	\$0.33	\$0.00001
LL Princeton LED-C	65	271	64	0.1%	\$96.12	\$32.05	\$17.89	\$1.26	\$1.49	\$148.81	\$0.41	\$0.00022
LL Underpass LED-B	36	150	-	0.0%	\$81.12	\$17.74	\$9.90	\$0.70	\$1.11	\$110.57	\$0.30	\$0.00000
LL Underpass LED-B	52	217	-	0.0%	\$81.12	\$25.66	\$14.32	\$1.01	\$1.23	\$123.34	\$0.34	\$0.00000
LL Westminster LED-D	84	350	9	0.0%	\$286.56	\$41.39	\$23.10	\$1.63	\$3.56	\$356.24	\$0.98	\$0.00007
LL Westminster LED-E	141	588	41	0.0%	\$376.44	\$69.54	\$38.81	\$2.74	\$4.92	\$492.45	\$1.35	\$0.00046
LL Westminster LED-F	243	1,013	39	0.0%	\$418.08	\$119.80	\$66.86	\$4.72	\$6.16	\$615.62	\$1.69	\$0.00055
LL Westmin Ped LED-B	28	117	1	0.0%	\$215.16	\$13.84	\$7.72	\$0.54	\$2.40	\$239.66	\$0.66	\$0.00001
LL Westmin Ped LED-C	52	217	5	0.0%	\$281.04	\$25.66	\$14.32	\$1.01	\$3.25	\$325.28	\$0.89	\$0.00004
Total			119,900	100.0%	Proposed SC-2 Outage Credit per Lamp per Night:							\$0.40

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Development of Proposed Outage Credit Allowance at Rate Year 1 Rates

## Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)

Description	Billed Watts Per Lamp (1)	Annual kWh Per Lamp (2)	Forecast Units (3)	Percent of Total Units (4)	Proposed Annual Facility Charge (5)	Proposed Annual T&D Charge (6)	Forecast Annual Commodity Charge (7)	Forecast Delivery Surcharges (8)	Gross Receipts Tax (9)	Total Annual Charge (10)	Average Charge Per Night (11)	Prorated Average Charge Per Night (12)
<u>High Pressure Sodium</u>												
70W	86	359	4	0.2%	n/a	\$29.06	\$23.69	\$1.67	\$0.55	\$54.97	\$0.15	\$0.00023
100W	118	492	89	3.4%	n/a	\$39.82	\$32.47	\$2.29	\$0.75	\$75.33	\$0.21	\$0.00714
150W	173	721	722	27.6%	n/a	\$58.36	\$47.58	\$3.36	\$1.10	\$110.40	\$0.30	\$0.08273
250W	304	1,268	1,719	65.7%	n/a	\$102.63	\$83.69	\$5.91	\$1.94	\$194.17	\$0.53	\$0.34800
400W	470	1,960	21	0.8%	n/a	\$158.64	\$129.36	\$9.13	\$3.00	\$300.13	\$0.82	\$0.00658
<u>Metal Halide</u>												
175W	207	863	2	0.1%	n/a	\$69.85	\$56.96	\$4.02	\$1.32	\$132.15	\$0.36	\$0.00028
400W	451	1,881	11	0.4%	n/a	\$152.25	\$124.14	\$8.76	\$2.88	\$288.03	\$0.79	\$0.00332
<u>Mercury Vapor</u>												
175W	211	880	18	0.7%	n/a	\$71.23	\$58.08	\$4.10	\$1.35	\$134.76	\$0.37	\$0.00254
<u>LED</u>												
LL Roadway LED-D	96	400	23	0.9%	n/a	\$32.38	\$26.40	\$1.86	\$0.61	\$61.25	\$0.17	\$0.00149
LL Princeton LED-C	65	271	9	0.3%	n/a	\$21.93	\$17.89	\$1.26	\$0.41	\$41.49	\$0.11	\$0.00038
Total			2,618	100.0%	Proposed SC-3 Outage Credit per Lamp per Night:							<b>\$0.45</b>

## Volumetric Rates Used for both S.C. 2 and S.C. 3 Outage Credit Calculation

Forecast Volumetric Delivery Surcharges (a)		Proposed Volumetric Delivery Rates (b)		Days/Year:	365
Legacy Transition Charge (LTC)	0.000458	S.C. No. 2:	0.11826	Revenue Tax on Delivery and Commodity:	1.0101%
Dynamic Load Management (DLM)	0.000177	S.C. No. 3:	0.08094		
Value of Distributed Generation (VDER CR)	0.00184				
Clean Energy Fund (CEF)	0.006652	Forecast Commodity Charges (c)			
Integrated Energy Data Resource Phs 2 (IEDR)	0.00015	Electricity Supply Cost (Weighted)	0.059970		
Clean Energy Standard Delivery (CESD)	0.00009	Merchant Function Charge	0.00033		
Electric Vehicle Make-Ready (EVMR)	0.00076	Clean Energy Supply Surcharge	0.00570		
Earnings Adjustment Mechanism (EAM)	0.00078	Total:	0.065999		
Rate Adjustment Mechanism (RAM)	(0.00625)				
Total Delivery Surcharges:	0.004657				

(a) Source: Appendix 2, Schedule 8.3.1, page 1

(b) Source: Appendix 2, Schedule 8.1.1, page 2

(c) Source: Appendix 2, Schedule 8.3.1, page 1

**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

	Billed Watts Per Lamp	Annual kWh Per Lamp	Forecast Units	Percent of Total Units	Proposed Annual Facility Charge	Proposed Annual T&D Charge	Forecast Annual Commodity Charge	Forecast Delivery Surcharges	Gross Receipts Tax	Total Annual Charge	Average Charge Per Night	Prorated Average Charge Per Night
Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
High Pressure Sodium												
70W	86	359	8,826	7.4%	\$12.36	\$49.53	\$24.01	-\$2.46	\$0.84	\$84.28	\$0.23	\$0.01693
24 HR - 70W	86	359	-	0.0%	\$24.72	\$49.53	\$24.01	-\$2.46	\$0.97	\$96.77	\$0.27	\$0.00000
100W	118	492	13,922	11.6%	\$12.36	\$67.88	\$32.91	-\$3.37	\$1.11	\$110.89	\$0.30	\$0.03483
24 HR - 100W	118	492	8	0.0%	\$24.72	\$67.88	\$32.91	-\$3.37	\$1.23	\$123.37	\$0.34	\$0.00002
150W	173	721	18,465	15.4%	\$12.36	\$99.47	\$48.22	-\$4.93	\$1.57	\$156.69	\$0.43	\$0.06622
24 HR - 150W	173	721	51	0.0%	\$24.72	\$99.47	\$48.22	-\$4.93	\$1.69	\$169.17	\$0.46	\$0.00020
250W	304	1,268	7,457	6.2%	\$12.36	\$174.93	\$84.80	-\$8.68	\$2.66	\$266.07	\$0.73	\$0.04540
24 HR - 250W	304	1,268	81	0.1%	\$24.72	\$174.93	\$84.80	-\$8.68	\$2.79	\$278.56	\$0.76	\$0.00051
400W	470	1,960	1,767	1.5%	\$12.36	\$270.40	\$131.09	-\$13.41	\$4.04	\$404.48	\$1.11	\$0.01636
24 HR - 400W	470	1,960	-	0.0%	\$24.72	\$270.40	\$131.09	-\$13.41	\$4.17	\$416.97	\$1.14	\$0.00000
1000W	1106	4,612	5	0.0%	\$24.96	\$636.27	\$308.45	-\$31.56	\$9.48	\$947.60	\$2.60	\$0.00011
Metal Halide												
175W	207	863	1,451	1.2%	\$85.32	\$119.06	\$57.72	-\$5.91	\$2.59	\$258.78	\$0.71	\$0.00859
250W	295	1,230	261	0.2%	\$85.32	\$169.69	\$82.26	-\$8.42	\$3.32	\$332.17	\$0.91	\$0.00198
400W	451	1,881	558	0.5%	\$85.32	\$259.50	\$125.80	-\$12.87	\$4.62	\$462.37	\$1.27	\$0.00591
1000W	1078	4,495	-	0.0%	\$85.32	\$620.13	\$300.63	-\$30.76	\$9.85	\$985.17	\$2.70	\$0.00000
Mercury Vapor												
100W	130	542	116	0.1%	\$10.56	\$74.77	\$36.25	-\$3.71	\$1.19	\$119.06	\$0.33	\$0.00032
175W	211	880	388	0.3%	\$10.56	\$121.40	\$58.86	-\$6.02	\$1.87	\$186.67	\$0.51	\$0.00165
400W	477	1,989	91	0.1%	\$10.56	\$274.40	\$133.03	-\$13.61	\$4.08	\$408.46	\$1.12	\$0.00085
1000W	1095	4,566	2	0.0%	\$19.80	\$629.93	\$305.38	-\$31.24	\$9.33	\$933.20	\$2.56	\$0.00004
LED												
LL Roadway LED-B	25	104	32,646	27.2%	\$102.48	\$14.35	\$6.96	-\$0.71	\$1.24	\$124.32	\$0.34	\$0.09257
24 HR - LL Roadway LED-B	25	104	-	0.0%	\$215.16	\$14.35	\$6.96	-\$0.71	\$2.38	\$238.14	\$0.65	\$0.00000
LL Roadway LED-C	48	200	20,033	16.7%	\$108.36	\$27.59	\$13.38	-\$1.37	\$1.49	\$149.45	\$0.41	\$0.06850
24 HR - LL Roadway LED-C	48	200	-	0.0%	\$227.52	\$27.59	\$13.38	-\$1.37	\$2.70	\$269.82	\$0.74	\$0.00000
LL Roadway LED-D	96	400	8,288	6.9%	\$134.76	\$55.18	\$26.75	-\$2.74	\$2.16	\$216.11	\$0.59	\$0.04078
24 HR - LL Roadway LED-D	96	400	-	0.0%	\$282.96	\$55.18	\$26.75	-\$2.74	\$3.66	\$365.81	\$1.00	\$0.00000
LL Roadway LED-F	210	876	1,025	0.9%	\$145.68	\$120.85	\$58.59	-\$5.99	\$3.22	\$322.35	\$0.88	\$0.00752
24 HR - LL Roadway LED-F	210	876	-	0.0%	\$306.00	\$120.85	\$58.59	-\$5.99	\$4.84	\$484.29	\$1.33	\$0.00000
LL Floodlight LED-E	151	630	21	0.0%	\$99.00	\$86.91	\$42.13	-\$4.31	\$2.26	\$225.99	\$0.62	\$0.00011
LL Floodlight LED-F	200	834	22	0.0%	\$107.64	\$115.06	\$55.78	-\$5.71	\$2.76	\$275.53	\$0.75	\$0.00014
LL Arbordale LED-C	53	221	-	0.0%	\$95.16	\$30.49	\$14.78	-\$1.51	\$1.40	\$140.32	\$0.38	\$0.00000
LL Arbordale LED-D	91	379	3	0.0%	\$78.72	\$52.29	\$25.35	-\$2.59	\$1.55	\$155.32	\$0.43	\$0.00001
LL Arbordale LED-E	132	550	-	0.0%	\$102.00	\$75.88	\$36.78	-\$3.76	\$2.13	\$213.03	\$0.58	\$0.00000
LL Arbordale LED-F	177	738	24	0.0%	\$132.24	\$101.81	\$49.36	-\$5.05	\$2.81	\$281.17	\$0.77	\$0.00015
LL Carriage LED-B	35	146	908	0.8%	\$82.20	\$20.14	\$9.76	-\$1.00	\$1.12	\$112.22	\$0.31	\$0.00235
LL Carriage LED-C	66	275	2,673	2.2%	\$76.68	\$37.94	\$18.39	-\$1.88	\$1.32	\$132.45	\$0.36	\$0.00803
LL Highland Pk LED-B	30	125	163	0.1%	\$116.76	\$17.25	\$8.36	-\$0.86	\$1.43	\$142.94	\$0.39	\$0.00053
LL Highland Pk LED-C	65	271	122	0.1%	\$125.64	\$37.39	\$18.12	-\$1.85	\$1.81	\$181.11	\$0.50	\$0.00051
LL Oxford LED-B	30	125	111	0.1%	\$92.40	\$17.25	\$8.36	-\$0.86	\$1.18	\$118.33	\$0.32	\$0.00030
LL Oxford LED-C	57	238	251	0.2%	\$113.64	\$32.83	\$15.92	-\$1.63	\$1.62	\$162.38	\$0.44	\$0.00092
LL Princeton LED-B	30	125	2	0.0%	\$100.68	\$17.25	\$8.36	-\$0.86	\$1.27	\$126.70	\$0.35	\$0.00001
LL Princeton LED-C	65	271	64	0.1%	\$102.72	\$37.39	\$18.12	-\$1.85	\$1.58	\$157.96	\$0.43	\$0.00023
LL Underpass LED-B	36	150	-	0.0%	\$86.76	\$20.69	\$10.03	-\$1.03	\$1.18	\$117.63	\$0.32	\$0.00000
LL Underpass LED-B	52	217	-	0.0%	\$86.76	\$29.94	\$14.51	-\$1.48	\$1.31	\$131.04	\$0.36	\$0.00000
LL Westminster LED-D	84	350	9	0.0%	\$306.24	\$48.29	\$23.41	-\$2.39	\$3.79	\$379.34	\$1.04	\$0.00008
LL Westminster LED-E	141	588	41	0.0%	\$402.36	\$81.12	\$39.33	-\$4.02	\$5.24	\$524.03	\$1.44	\$0.00049
LL Westminster LED-F	243	1,013	39	0.0%	\$446.88	\$139.75	\$67.75	-\$6.93	\$6.54	\$653.99	\$1.79	\$0.00058
LL Westmin Ped LED-B	28	117	1	0.0%	\$229.92	\$16.14	\$7.83	-\$0.80	\$2.56	\$255.65	\$0.70	\$0.00001
LL Westmin Ped LED-C	52	217	5	0.0%	\$300.36	\$29.94	\$14.51	-\$1.48	\$3.47	\$346.80	\$0.95	\$0.00004
		Total	119,900	100.0%				Proposed SC-2 Outage Credit per Lamp per Night:				\$0.42

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Development of Proposed Outage Credit Allowance at Rate Year 2 Rates

## Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)

Description	Billed Watts Per Lamp (1)	Annual kWh Per Lamp (2)	Forecast Units (3)	Percent of Total Units (4)	Proposed Annual Facility Charge (5)	Proposed Annual T&D Charge (6)	Forecast Annual Commodity Charge (7)	Forecast Delivery Surcharges (8)	Gross Receipts Tax (9)	Total Annual Charge (10)	Average Charge Per Night (11)	Prorated Average Charge Per Night (12)
<u>High Pressure Sodium</u>												
70W	86	359	4	0.2%	n/a	\$34.00	\$24.01	-\$2.46	\$0.56	\$56.11	\$0.15	\$0.00023
100W	118	492	89	3.4%	n/a	\$46.60	\$32.91	-\$3.37	\$0.77	\$76.91	\$0.21	\$0.00714
150W	173	721	722	27.6%	n/a	\$68.29	\$48.22	-\$4.93	\$1.13	\$112.71	\$0.31	\$0.08549
250W	304	1,268	1,719	65.7%	n/a	\$120.09	\$84.80	-\$8.68	\$1.98	\$198.19	\$0.54	\$0.35457
400W	470	1,960	21	0.8%	n/a	\$185.63	\$131.09	-\$13.41	\$3.06	\$306.37	\$0.84	\$0.00674
<u>Metal Halide</u>												
175W	207	863	2	0.1%	n/a	\$81.73	\$57.72	-\$5.91	\$1.35	\$134.89	\$0.37	\$0.00028
400W	451	1,881	11	0.4%	n/a	\$178.15	\$125.80	-\$12.87	\$2.94	\$294.02	\$0.81	\$0.00340
<u>Mercury Vapor</u>												
175W	211	880	18	0.7%	n/a	\$83.34	\$58.86	-\$6.02	\$1.38	\$137.56	\$0.38	\$0.00261
<u>LED</u>												
LL Roadway LED-D	96	400	23	0.9%	n/a	\$37.88	\$26.75	-\$2.74	\$0.63	\$62.52	\$0.17	\$0.00149
LL Princeton LED-C	65	271	9	0.3%	n/a	\$25.67	\$18.12	-\$1.85	\$0.42	\$42.36	\$0.12	\$0.00041
Total			2,618	100.0%								
Proposed SC-3 Outage Credit per Lamp per Night:												<b>\$0.46</b>

## Volumetric Rates Used for both S.C. 2 and S.C. 3 Outage Credit Calculation

Forecast Volumetric Delivery Surcharges (a)	Proposed Volumetric Delivery Rates (b)	Days/Year:	365
Legacy Transition Charge (LTC)	S.C. No. 2: 0.13796	Revenue Tax on Delivery and Commodity:	1.0101%
Dynamic Load Management (DLM)	S.C. No. 3: 0.09471		
Value of Distributed Generation (VDER CR)			
Clean Energy Fund (CEF)	Forecast Commodity Charges (c)		
Integrated Energy Data Resource Phs 2 (IEDR)	Electricity Supply Cost (Weighted)	0.060854	
Clean Energy Standard Delivery (CESD)	Merchant Function Charge	0.00033	
Electric Vehicle Make-Ready (EVMR)	Clean Energy Supply Surcharge	0.00570	
Earnings Adjustment Mechanism (EAM)	Total:	0.066881	
Rate Adjustment Mechanism (RAM)			
Total Delivery Surcharges:			

(a) Source: Appendix 2, Schedule 8.3.2, page 1

(b) Source: Appendix 2, Schedule 8.1.2, page 2

(c) Source: Appendix 2, Schedule 8.3.2, page 1



**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

	Billed Watts Per Lamp	Annual kWh Per Lamp	Forecast Units	Percent of Total Units	Proposed Annual Facility Charge	Proposed Annual T&D Charge	Forecast Annual Commodity Charge	Forecast Delivery Surcharges	Gross Receipts Tax	Total Annual Charge	Average Charge Per Night	Prorated Average Charge Per Night
Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
High Pressure Sodium												
70W	86	359	8,605	7.2%	\$13.80	\$58.28	\$23.54	\$1.93	\$0.99	\$98.54	\$0.27	\$0.01940
24 HR - 70W	86	359	-	0.0%	\$27.60	\$58.28	\$23.54	\$1.93	\$1.12	\$112.47	\$0.31	\$0.00000
100W	118	492	13,731	11.5%	\$13.80	\$79.87	\$32.27	\$2.65	\$1.30	\$129.89	\$0.36	\$0.04127
24 HR - 100W	118	492	8	0.0%	\$27.60	\$79.87	\$32.27	\$2.65	\$1.44	\$143.83	\$0.39	\$0.00003
150W	173	721	18,398	15.4%	\$13.80	\$117.05	\$47.28	\$3.88	\$1.84	\$183.85	\$0.50	\$0.07679
24 HR - 150W	173	721	51	0.0%	\$27.60	\$117.05	\$47.28	\$3.88	\$1.98	\$197.79	\$0.54	\$0.00023
250W	304	1,268	7,403	6.2%	\$13.80	\$205.85	\$83.16	\$6.82	\$3.13	\$312.76	\$0.86	\$0.05315
24 HR - 250W	304	1,268	81	0.1%	\$27.60	\$205.85	\$83.16	\$6.82	\$3.27	\$326.70	\$0.90	\$0.00061
400W	470	1,960	1,766	1.5%	\$13.80	\$318.19	\$128.54	\$10.54	\$4.76	\$475.83	\$1.30	\$0.01917
24 HR - 400W	470	1,960	-	0.0%	\$27.60	\$318.19	\$128.54	\$10.54	\$4.90	\$489.77	\$1.34	\$0.00000
1000W	1106	4,612	5	0.0%	\$27.72	\$748.71	\$302.46	\$24.80	\$11.15	\$1,114.84	\$3.05	\$0.00013
Metal Halide												
175W	207	863	1,451	1.2%	\$94.80	\$140.10	\$56.60	\$4.64	\$2.99	\$299.13	\$0.82	\$0.00993
250W	295	1,230	261	0.2%	\$94.80	\$199.68	\$80.67	\$6.61	\$3.86	\$385.62	\$1.06	\$0.00231
400W	451	1,881	558	0.5%	\$94.80	\$305.36	\$123.36	\$10.11	\$5.39	\$539.02	\$1.48	\$0.00689
1000W	1078	4,495	-	0.0%	\$94.80	\$729.72	\$294.79	\$24.17	\$11.55	\$1,155.03	\$3.16	\$0.00000
Mercury Vapor												
100W	130	542	115	0.1%	\$11.76	\$87.99	\$35.55	\$2.91	\$1.40	\$139.61	\$0.38	\$0.00036
175W	211	880	388	0.3%	\$11.76	\$142.86	\$57.71	\$4.73	\$2.19	\$219.25	\$0.60	\$0.00194
400W	477	1,989	91	0.1%	\$11.76	\$322.89	\$130.44	\$10.70	\$4.81	\$480.60	\$1.32	\$0.00100
1000W	1095	4,566	2	0.0%	\$21.96	\$741.24	\$299.45	\$24.55	\$10.98	\$1,098.18	\$3.01	\$0.00005
LED												
LL Roadway LED-B	25	104	32,949	27.5%	\$108.00	\$16.88	\$6.82	\$0.56	\$1.34	\$133.60	\$0.37	\$0.10177
24 HR - LL Roadway LED-B	25	104	-	0.0%	\$226.68	\$16.88	\$6.82	\$0.56	\$2.53	\$253.47	\$0.69	\$0.00000
LL Roadway LED-C	48	200	20,100	16.8%	\$114.12	\$32.47	\$13.12	\$1.08	\$1.62	\$162.41	\$0.44	\$0.07383
24 HR - LL Roadway LED-C	48	200	-	0.0%	\$239.64	\$32.47	\$13.12	\$1.08	\$2.89	\$289.20	\$0.79	\$0.00000
LL Roadway LED-D	96	400	8,338	7.0%	\$141.96	\$64.94	\$26.23	\$2.15	\$2.38	\$237.66	\$0.65	\$0.04524
24 HR - LL Roadway LED-D	96	400	-	0.0%	\$298.08	\$64.94	\$26.23	\$2.15	\$3.95	\$395.35	\$1.08	\$0.00000
LL Roadway LED-F	210	876	1,026	0.9%	\$153.48	\$142.21	\$57.45	\$4.71	\$3.61	\$361.46	\$0.99	\$0.00848
24 HR - LL Roadway LED-F	210	876	-	0.0%	\$322.32	\$142.21	\$57.45	\$4.71	\$5.32	\$532.01	\$1.46	\$0.00000
LL Floodlight LED-E	151	630	25	0.0%	\$104.28	\$102.27	\$41.32	\$3.39	\$2.54	\$253.80	\$0.70	\$0.00015
LL Floodlight LED-F	200	834	22	0.0%	\$113.40	\$135.39	\$54.70	\$4.48	\$3.11	\$311.08	\$0.85	\$0.00016
LL Arbordale LED-C	53	221	-	0.0%	\$100.20	\$35.88	\$14.49	\$1.19	\$1.53	\$153.29	\$0.42	\$0.00000
LL Arbordale LED-D	91	379	3	0.0%	\$82.92	\$61.53	\$24.86	\$2.04	\$1.73	\$173.08	\$0.47	\$0.00001
LL Arbordale LED-E	132	550	-	0.0%	\$107.40	\$89.29	\$36.07	\$2.96	\$2.38	\$238.10	\$0.65	\$0.00000
LL Arbordale LED-F	177	738	24	0.0%	\$139.32	\$119.81	\$48.40	\$3.97	\$3.15	\$314.65	\$0.86	\$0.00017
LL Carriage LED-B	35	146	908	0.8%	\$86.64	\$23.70	\$9.57	\$0.79	\$1.22	\$121.92	\$0.33	\$0.00250
LL Carriage LED-C	66	275	2,673	2.2%	\$80.76	\$44.64	\$18.04	\$1.48	\$1.46	\$146.38	\$0.40	\$0.00893
LL Highland Pk LED-B	30	125	163	0.1%	\$123.00	\$20.29	\$8.20	\$0.67	\$1.54	\$153.70	\$0.42	\$0.00057
LL Highland Pk LED-C	65	271	122	0.1%	\$132.36	\$43.99	\$17.77	\$1.46	\$1.98	\$197.56	\$0.54	\$0.00055
LL Oxford LED-B	30	125	111	0.1%	\$97.32	\$20.29	\$8.20	\$0.67	\$1.28	\$127.76	\$0.35	\$0.00032
LL Oxford LED-C	57	238	251	0.2%	\$119.76	\$38.64	\$15.61	\$1.28	\$1.77	\$177.06	\$0.49	\$0.00103
LL Princeton LED-B	30	125	2	0.0%	\$106.08	\$20.29	\$8.20	\$0.67	\$1.37	\$136.61	\$0.37	\$0.00001
LL Princeton LED-C	65	271	64	0.1%	\$108.24	\$43.99	\$17.77	\$1.46	\$1.73	\$173.19	\$0.47	\$0.00025
LL Underpass LED-B	36	150	-	0.0%	\$91.44	\$24.35	\$9.84	\$0.81	\$1.28	\$127.72	\$0.35	\$0.00000
LL Underpass LED-B	52	217	-	0.0%	\$91.44	\$35.23	\$14.23	\$1.17	\$1.44	\$143.51	\$0.39	\$0.00000
LL Westminster LED-D	84	350	9	0.0%	\$322.68	\$56.82	\$22.95	\$1.88	\$4.08	\$408.41	\$1.12	\$0.00008
LL Westminster LED-E	141	588	41	0.0%	\$423.84	\$95.46	\$38.56	\$3.16	\$5.67	\$566.69	\$1.55	\$0.00053
LL Westminster LED-F	243	1,013	39	0.0%	\$470.76	\$164.45	\$66.43	\$5.45	\$7.14	\$714.23	\$1.96	\$0.00064
LL Westmin Ped LED-B	28	117	1	0.0%	\$242.16	\$18.99	\$7.67	\$0.63	\$2.72	\$272.17	\$0.75	\$0.00001
LL Westmin Ped LED-C	52	217	5	0.0%	\$316.44	\$35.23	\$14.23	\$1.17	\$3.71	\$370.78	\$1.02	\$0.00004
		Total	119,790	100.0%	Proposed SC-2 Outage Credit per Lamp per Night:							\$0.48

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Development of Proposed Outage Credit Allowance at Rate Year 3 Rates

## Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)

Description	Billed Watts Per Lamp (1)	Annual kWh Per Lamp (2)	Forecast Units (3)	Percent of Total Units (4)	Proposed Annual Facility Charge (5)	Proposed Annual T&D Charge (6)	Forecast Annual Commodity Charge (7)	Forecast Delivery Surcharges (8)	Gross Receipts Tax (9)	Total Annual Charge (10)	Average Charge Per Night (11)	Prorated Average Charge Per Night (12)
<u>High Pressure Sodium</u>												
70W	86	359	4	0.2%	n/a	\$40.01	\$23.54	\$1.93	\$0.66	\$66.14	\$0.18	\$0.00028
100W	118	492	89	3.4%	n/a	\$54.83	\$32.27	\$2.65	\$0.91	\$90.66	\$0.25	\$0.00850
150W	173	721	722	27.6%	n/a	\$80.35	\$47.28	\$3.88	\$1.33	\$132.84	\$0.36	\$0.09928
250W	304	1,268	1,719	65.7%	n/a	\$141.31	\$83.16	\$6.82	\$2.34	\$233.63	\$0.64	\$0.42023
400W	470	1,960	21	0.8%	n/a	\$218.42	\$128.54	\$10.54	\$3.61	\$361.11	\$0.99	\$0.00794
<u>Metal Halide</u>												
175W	207	863	2	0.1%	n/a	\$96.17	\$56.60	\$4.64	\$1.59	\$159.00	\$0.44	\$0.00034
400W	451	1,881	11	0.4%	n/a	\$209.62	\$123.36	\$10.11	\$3.47	\$346.56	\$0.95	\$0.00399
<u>Mercury Vapor</u>												
175W	211	880	18	0.7%	n/a	\$98.07	\$57.71	\$4.73	\$1.62	\$162.13	\$0.44	\$0.00303
<u>LED</u>												
LL Roadway LED-D	96	400	23	0.9%	n/a	\$44.58	\$26.23	\$2.15	\$0.74	\$73.70	\$0.20	\$0.00176
LL Princeton LED-C	65	271	9	0.3%	n/a	\$30.20	\$17.77	\$1.46	\$0.50	\$49.93	\$0.14	\$0.00048
Total			2,618	100.0%								
Proposed SC-3 Outage Credit per Lamp per Night:												<b>\$0.55</b>

## Volumetric Rates Used for both S.C. 2 and S.C. 3 Outage Credit Calculation

Forecast Volumetric Delivery Surcharges (a)		Proposed Volumetric Delivery Rates (b)		Days/Year:	
Legacy Transition Charge (LTC)	0.000095	S.C. No. 2:	0.16234		365
Dynamic Load Management (DLM)	0.000177	S.C. No. 3:	0.11144	Revenue Tax on Delivery and Commodity:	1.0101%
Value of Distributed Generation (VDER CR)	0.00184				
Clean Energy Fund (CEF)	0.003425	Forecast Commodity Charges (c)			
Integrated Energy Data Resource Phs 2 (IEDR)	-	Electricity Supply Cost (Weighted)	0.059553		
Clean Energy Standard Delivery (CESD)	0.00133	Merchant Function Charge	0.00033		
Electric Vehicle Make-Ready (EVMR)	0.00076	Clean Energy Supply Surcharge	0.00570		
Earnings Adjustment Mechanism (EAM)	0.00078	Total:	0.065582		
Rate Adjustment Mechanism (RAM)	(0.003030)				
Total Delivery Surcharges:	0.005377				

(a) Source: Appendix 2, Schedule 8.3.3, page 1

(b) Source: Appendix 2, Schedule 8.1.3, page 2

(c) Source: Appendix 2, Schedule 8.3.3, page 1

**Service Classification No. 2 - Private Lighting (Company Owned and Maintained)**

	Billed Watts Per Lamp	Annual kWh Per Lamp	Forecast Units	Percent of Total Units	Proposed Annual Facility Charge	Proposed Annual T&D Charge	Forecast Annual Commodity	Forecast Delivery Surcharges	Gross Receipts Tax	Total Annual Charge	Average Charge Per Night	Prorated Average Charge Per Night
Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
High Pressure Sodium												
70W	86	359	8,605	7.2%	\$12.84	\$58.58	\$23.54	\$1.93	\$0.98	\$97.87	\$0.27	\$0.01940
24 HR - 70W	86	359	-	0.0%	\$25.68	\$58.58	\$23.54	\$1.93	\$1.11	\$110.84	\$0.30	\$0.00000
100W	118	492	13,731	11.5%	\$12.84	\$80.28	\$32.27	\$2.65	\$1.29	\$129.33	\$0.35	\$0.04012
24 HR - 100W	118	492	8	0.0%	\$25.68	\$80.28	\$32.27	\$2.65	\$1.42	\$142.30	\$0.39	\$0.00003
150W	173	721	18,398	15.4%	\$12.84	\$117.65	\$47.28	\$3.88	\$1.83	\$183.48	\$0.50	\$0.07679
24 HR - 150W	173	721	51	0.0%	\$25.68	\$117.65	\$47.28	\$3.88	\$1.96	\$196.45	\$0.54	\$0.00023
250W	304	1,268	7,403	6.2%	\$12.84	\$206.91	\$83.16	\$6.82	\$3.13	\$312.86	\$0.86	\$0.05315
24 HR - 250W	304	1,268	81	0.1%	\$25.68	\$206.91	\$83.16	\$6.82	\$3.26	\$325.83	\$0.89	\$0.00060
400W	470	1,960	1,766	1.5%	\$12.84	\$319.83	\$128.54	\$10.54	\$4.77	\$476.52	\$1.31	\$0.01931
24 HR - 400W	470	1,960	-	0.0%	\$25.68	\$319.83	\$128.54	\$10.54	\$4.89	\$489.48	\$1.34	\$0.00000
1000W	1106	4,612	5	0.0%	\$25.80	\$752.59	\$302.46	\$24.80	\$11.17	\$1,116.82	\$3.06	\$0.00013
Metal Halide												
175W	207	863	1,451	1.2%	\$88.32	\$140.82	\$56.60	\$4.64	\$2.93	\$293.31	\$0.80	\$0.00969
250W	295	1,230	261	0.2%	\$88.32	\$200.71	\$80.67	\$6.61	\$3.80	\$380.11	\$1.04	\$0.00227
400W	451	1,881	558	0.5%	\$88.32	\$306.94	\$123.36	\$10.11	\$5.34	\$534.07	\$1.46	\$0.00680
1000W	1078	4,495	-	0.0%	\$88.32	\$733.49	\$294.79	\$24.17	\$11.52	\$1,152.29	\$3.16	\$0.00000
Mercury Vapor												
100W	130	542	115	0.1%	\$10.92	\$88.44	\$35.55	\$2.91	\$1.39	\$139.21	\$0.38	\$0.00036
175W	211	880	388	0.3%	\$10.92	\$143.60	\$57.71	\$4.73	\$2.19	\$219.15	\$0.60	\$0.00194
400W	477	1,989	91	0.1%	\$10.92	\$324.57	\$130.44	\$10.70	\$4.81	\$481.44	\$1.32	\$0.00100
1000W	1095	4,566	2	0.0%	\$20.40	\$745.08	\$299.45	\$24.55	\$11.00	\$1,100.48	\$3.02	\$0.00005
LED												
LL Roadway LED-B	25	104	32,949	27.5%	\$104.28	\$16.97	\$6.82	\$0.56	\$1.30	\$129.93	\$0.36	\$0.09902
24 HR - LL Roadway LED-B	25	104	-	0.0%	\$218.76	\$16.97	\$6.82	\$0.56	\$2.46	\$245.57	\$0.67	\$0.00000
LL Roadway LED-C	48	200	20,100	16.8%	\$110.16	\$32.64	\$13.12	\$1.08	\$1.59	\$158.59	\$0.43	\$0.07215
24 HR - LL Roadway LED-C	48	200	-	0.0%	\$231.24	\$32.64	\$13.12	\$1.08	\$2.81	\$280.89	\$0.77	\$0.00000
LL Roadway LED-D	96	400	8,338	7.0%	\$137.04	\$65.27	\$26.23	\$2.15	\$2.33	\$233.02	\$0.64	\$0.04455
24 HR - LL Roadway LED-D	96	400	-	0.0%	\$287.76	\$65.27	\$26.23	\$2.15	\$3.85	\$385.26	\$1.06	\$0.00000
LL Roadway LED-F	210	876	1,026	0.9%	\$148.08	\$142.95	\$57.45	\$4.71	\$3.57	\$356.76	\$0.98	\$0.00839
24 HR - LL Roadway LED-F	210	876	-	0.0%	\$311.04	\$142.95	\$57.45	\$4.71	\$5.21	\$521.36	\$1.43	\$0.00000
LL Floodlight LED-E	151	630	25	0.0%	\$100.68	\$102.80	\$41.32	\$3.39	\$2.51	\$250.70	\$0.69	\$0.00014
LL Floodlight LED-F	200	834	22	0.0%	\$109.44	\$136.09	\$54.70	\$4.48	\$3.08	\$307.79	\$0.84	\$0.00015
LL Arbordale LED-C	53	221	-	0.0%	\$96.72	\$36.06	\$14.49	\$1.19	\$1.50	\$149.96	\$0.41	\$0.00000
LL Arbordale LED-D	91	379	3	0.0%	\$80.04	\$61.85	\$24.86	\$2.04	\$1.70	\$170.49	\$0.47	\$0.00001
LL Arbordale LED-E	132	550	-	0.0%	\$103.68	\$89.75	\$36.07	\$2.96	\$2.35	\$234.81	\$0.64	\$0.00000
LL Arbordale LED-F	177	738	24	0.0%	\$134.52	\$120.43	\$48.40	\$3.97	\$3.10	\$310.42	\$0.85	\$0.00017
LL Carriage LED-B	35	146	908	0.8%	\$83.64	\$23.82	\$9.57	\$0.79	\$1.19	\$119.01	\$0.33	\$0.00250
LL Carriage LED-C	66	275	2,673	2.2%	\$78.00	\$44.87	\$18.04	\$1.48	\$1.44	\$143.83	\$0.39	\$0.00870
LL Highland Pk LED-B	30	125	163	0.1%	\$118.68	\$20.40	\$8.20	\$0.67	\$1.49	\$149.44	\$0.41	\$0.00056
LL Highland Pk LED-C	65	271	122	0.1%	\$127.80	\$44.22	\$17.77	\$1.46	\$1.93	\$193.18	\$0.53	\$0.00054
LL Oxford LED-B	30	125	111	0.1%	\$93.96	\$20.40	\$8.20	\$0.67	\$1.24	\$124.47	\$0.34	\$0.00032
LL Oxford LED-C	57	238	251	0.2%	\$115.56	\$38.84	\$15.61	\$1.28	\$1.73	\$173.02	\$0.47	\$0.00098
LL Princeton LED-B	30	125	2	0.0%	\$102.36	\$20.40	\$8.20	\$0.67	\$1.33	\$132.96	\$0.36	\$0.00001
LL Princeton LED-C	65	271	64	0.1%	\$104.52	\$44.22	\$17.77	\$1.46	\$1.70	\$169.67	\$0.46	\$0.00025
LL Underpass LED-B	36	150	-	0.0%	\$88.20	\$24.48	\$9.84	\$0.81	\$1.25	\$124.58	\$0.34	\$0.00000
LL Underpass LED-B	52	217	-	0.0%	\$88.20	\$35.41	\$14.23	\$1.17	\$1.40	\$140.41	\$0.38	\$0.00000
LL Westminster LED-D	84	350	9	0.0%	\$311.40	\$57.11	\$22.95	\$1.88	\$3.97	\$397.31	\$1.09	\$0.00008
LL Westminster LED-E	141	588	41	0.0%	\$409.08	\$95.95	\$38.56	\$3.16	\$5.52	\$552.27	\$1.51	\$0.00052
LL Westminster LED-F	243	1,013	39	0.0%	\$454.32	\$165.30	\$66.43	\$5.45	\$6.98	\$698.48	\$1.91	\$0.00062
LL Westmin Ped LED-B	28	117	1	0.0%	\$233.76	\$19.09	\$7.67	\$0.63	\$2.64	\$263.79	\$0.72	\$0.00001
LL Westmin Ped LED-C	52	217	5	0.0%	\$305.40	\$35.41	\$14.23	\$1.17	\$3.60	\$359.81	\$0.99	\$0.00004
		Total	119,790	100.0%	Proposed SC-2 Outage Credit per Lamp per Night:							\$0.47

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Development of Proposed Outage Credit Allowance at Post Rate Year 3 Rates

## Service Classification No. 3 - Street Lighting (Customer Owned and Maintained)

Description	Billed Watts Per Lamp (1)	Annual kWh Per Lamp (2)	Forecast Units (3)	Percent of Total Units (4)	Proposed Annual Facility Charge (5)	Proposed Annual T&D Charge (6)	Forecast Annual Commodity Charge (7)	Forecast Delivery Surcharges (8)	Gross Receipts Tax (9)	Total Annual Charge (10)	Average Charge Per Night (11)	Prorated Average Charge Per Night (12)
<u>High Pressure Sodium</u>												
70W	86	359	4	0.2%	n/a	\$40.21	\$23.54	\$1.93	\$0.66	\$66.34	\$0.18	\$0.00028
100W	118	492	89	3.4%	n/a	\$55.11	\$32.27	\$2.65	\$0.91	\$90.94	\$0.25	\$0.00850
150W	173	721	722	27.6%	n/a	\$80.76	\$47.28	\$3.88	\$1.33	\$133.25	\$0.37	\$0.10204
250W	304	1,268	1,719	65.7%	n/a	\$142.03	\$83.16	\$6.82	\$2.34	\$234.35	\$0.64	\$0.42023
400W	470	1,960	21	0.8%	n/a	\$219.54	\$128.54	\$10.54	\$3.62	\$362.24	\$0.99	\$0.00794
<u>Metal Halide</u>												
175W	207	863	2	0.1%	n/a	\$96.66	\$56.60	\$4.64	\$1.59	\$159.49	\$0.44	\$0.00034
400W	451	1,881	11	0.4%	n/a	\$210.69	\$123.36	\$10.11	\$3.48	\$347.64	\$0.95	\$0.00399
<u>Mercury Vapor</u>												
175W	211	880	18	0.7%	n/a	\$98.57	\$57.71	\$4.73	\$1.63	\$162.64	\$0.45	\$0.00309
<u>LED</u>												
LL Roadway LED-D	96	400	23	0.9%	n/a	\$44.80	\$26.23	\$2.15	\$0.74	\$73.92	\$0.20	\$0.00176
LL Princeton LED-C	65	271	9	0.3%	n/a	\$30.35	\$17.77	\$1.46	\$0.50	\$50.08	\$0.14	\$0.00048
Total			2,618	100.0%								
Proposed SC-3 Outage Credit per Lamp per Night:												<b>\$0.55</b>

## Volumetric Rates Used for both S.C. 2 and S.C. 3 Outage Credit Calculation

Forecast Volumetric Delivery Surcharges (a)		Proposed Volumetric Delivery Rates (b)		Days/Year:	
Legacy Transition Charge (LTC)	0.000095	S.C. No. 2:	0.16318		365
Dynamic Load Management (DLM)	0.000177	S.C. No. 3:	0.11201	Revenue Tax on Delivery and Commodity:	1.0101%
Value of Distributed Generation (VDER CR)	0.00184				
Clean Energy Fund (CEF)	0.003425	Forecast Commodity Charges (c)			
Integrated Energy Data Resource Phs 2 (IEDR)	-	Electricity Supply Cost (Weighted)	0.059553		
Clean Energy Standard Delivery (CESD)	0.00133	Merchant Function Charge	0.00033		
Electric Vehicle Make-Ready (EVMR)	0.00076	Clean Energy Supply Surcharge	0.00570		
Earnings Adjustment Mechanism (EAM)	0.00078	Total:	0.065582		
Rate Adjustment Mechanism (RAM)	(0.00303)				
Total Delivery Surcharges:	0.005377				

(a) Source: Appendix 2, Schedule 8.3.3, page 1

(b) Source: Appendix 2, Schedule 8.1.4, page 2

(c) Source: Appendix 2, Schedule 8.3.3, page 1

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Summary of Lighting Service Charge  
Service Classifications No. 2

Rate Year 1 - (2025-2026)

Application	Total Adjusted Labor Cost (\$)	Total Material Cost (\$)	Adjusted Transportation Cost (\$)	Subtotal (\$)	Supervision & Administration (%) 14.65%	Total Cost (\$)	Application Frequency (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
OH	\$83.11	\$9.37	\$24.46	\$116.94	\$17.13	\$134.08	75.0%
UG	\$101.77	\$14.15	\$19.93	\$135.85	\$19.90	\$155.76	19.8%
URD	\$77.19	\$14.15	\$26.38	\$117.72	\$17.25	\$134.96	5.2%
<b>Customer Lighting Service Charge Rate Year 1:</b>							<b>\$138.41</b>

Rate Year 2 - (2026-2027)

Application	Total Adjusted Labor Cost (\$)	Total Material Cost (\$)	Adjusted Transportation Cost (\$)	Subtotal (\$)	Supervision & Administration (%) 14.65%	Total Cost (\$)	Application Frequency (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
OH	\$85.61	\$9.59	\$25.04	\$120.24	\$17.61	\$137.85	75.0%
UG	\$104.83	\$14.49	\$20.39	\$139.71	\$20.47	\$160.18	19.8%
URD	\$79.51	\$14.49	\$27.00	\$120.99	\$17.73	\$138.72	5.2%
<b>Customer Lighting Service Charge Rate Year 2:</b>							<b>\$142.31</b>

Rate Year 3 - (2027-2028)

Application	Total Adjusted Labor Cost (\$)	Total Material Cost (\$)	Adjusted Transportation Cost (\$)	Subtotal (\$)	Supervision & Administration (%) 14.65%	Total Cost (\$)	Application Frequency (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
OH	\$88.61	\$9.79	\$25.58	\$123.98	\$18.16	\$142.14	75.0%
UG	\$108.50	\$14.80	\$20.84	\$144.14	\$21.12	\$165.25	19.8%
URD	\$82.29	\$14.80	\$27.58	\$124.67	\$18.26	\$142.93	5.2%
<b>Customer Lighting Service Charge Rate Year 3:</b>							<b>\$146.76</b>

Column Reference:

- (1) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (2) The average fully loaded labor cost based on crew compliment per Company location designation and in-service luminaire quantities.
- (3) The assigned indirect and/or impressed stock material cost per activity adjusted for sales tax, material handling and inflation.
- (4) The assigned transportation vehicle classification per hour rate factored by direct crew time and adjusted for inflation.
- (5) The subtotal sum of adjusted costs for labor, material and transportation. [  $\Sigma$  (2:4)]
- (6) A Company Administrative & General (A&G) overhead applied to the Subtotal sum cost in (5). [ (5) x (A&G%)]
- (7) The total cost equal to the Subtotal (5) and A&G Overhead (6). [  $\Sigma$  (5:6)]
- (8) The Company designated application frequency of service charges based upon street light distribution source type by in-service quantities.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Lighting Service Charges - Rate Year 1  
Service Classifications No. 2  
Company Labor Crew Time And Transportation Costs

Crew Compliment Reference	Application	Activity Description	Status	Operations Center Reference	Crew Labor Rate Per Hour (\$)	Crew (Wrench) Time (Hr)	Direct Crew Time (Hr)	Operations Crew Labor Cost (\$)	Operations Center Luminaire Distribution (%)	Crew Utilization Frequency (%)	Prorated Operations Labor Cost (\$)	Labor Overhead (\$)	Total Crew Labor Cost (\$)	Transportation Cost (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	1.50 (8)	(9)	(10)	(11)	(12)	48.09% (13)	(14)	(15)
OPC-M	OH	Investigation/Inspection		Metro	\$66.84	0.5	0.75	\$50.13	63.0%	40.0%	\$12.63	\$6.08	\$18.71	\$6.86
LC2-M	OH	Investigation/Inspection		Metro	\$112.09	0.5	0.75	\$84.07	63.0%	40.0%	\$21.19	\$10.19	\$31.37	\$2.59
SL2-M	OH	Investigation/Inspection		Metro	\$100.08	0.5	0.75	\$75.06	63.0%	20.0%	\$9.46	\$4.55	\$14.01	\$2.09
OPC-D	OH	Investigation/Inspection		District	\$66.84	0.5	0.75	\$50.13	37.0%	100.0%	\$18.55	\$8.92	\$27.47	\$10.07
	OH	Investigation/Inspection	Scheduled										<b>\$91.55</b>	<b>\$21.62</b>
OPC-M	UG	Investigation/Inspection		Metro	\$66.84	0.5	0.75	\$50.13	79.8%	15.0%	\$6.00	\$2.89	\$8.89	\$3.26
SL2-M	UG	Investigation/Inspection		Metro	\$100.08	0.5	0.75	\$75.06	79.8%	80.0%	\$47.92	\$23.04	\$70.96	\$10.58
UG3-M	UG	Investigation/Inspection		Metro	\$156.35	0.5	0.75	\$117.26	79.8%	5.0%	\$4.68	\$2.25	\$6.93	\$0.59
OPC-D	UG	Investigation/Inspection		District	\$66.84	0.5	0.75	\$50.13	20.2%	100.0%	\$10.13	\$4.87	\$15.00	\$5.50
	UG	Investigation/Inspection	Scheduled										<b>\$101.77</b>	<b>\$19.93</b>
OPC-M	URD	Investigation/Inspection		Metro	\$66.84	0.5	0.75	\$50.13	79.9%	90.0%	\$36.05	\$17.34	\$53.38	\$19.58
SL2-M	URD	Investigation/Inspection		Metro	\$100.08	0.5	0.75	\$75.06	79.9%	10.0%	\$6.00	\$2.88	\$8.88	\$1.32
OPC-D	URD	Investigation/Inspection		District	\$66.84	0.5	0.75	\$50.13	20.1%	100.0%	\$10.08	\$4.85	\$14.92	\$5.47
	URD	Investigation/Inspection	Scheduled										<b>\$77.19</b>	<b>\$26.38</b>
OPC-M	OH	Connection/Reconnection		Metro	\$66.84	0.5	0.75	\$50.13	63.0%	80.0%	\$25.27	\$12.15	\$37.42	\$13.72
SL2-M	OH	Connection/Reconnection		Metro	\$100.08	0.5	0.75	\$75.06	63.0%	20.0%	\$9.46	\$4.55	\$14.01	\$2.09
OPC-D	OH	Connection/Reconnection		District	\$66.84	0.5	0.75	\$50.13	37.0%	100.0%	\$18.55	\$8.92	\$27.47	\$10.07
	OH	Connection/Reconnection	Scheduled										<b>\$78.89</b>	<b>\$25.89</b>
OPC-M	UG	Connection/Reconnection		Metro	\$66.84	0.5	0.75	\$50.13	79.8%	15.0%	\$6.00	\$2.89	\$8.89	\$3.26
SL2-M	UG	Connection/Reconnection		Metro	\$100.08	0.5	0.75	\$75.06	79.8%	80.0%	\$47.92	\$23.04	\$70.96	\$10.58
UG3-M	UG	Connection/Reconnection		Metro	\$156.35	0.5	0.75	\$117.26	79.8%	5.0%	\$4.68	\$2.25	\$6.93	\$0.59
OPC-D	UG	Connection/Reconnection		District	\$66.84	0.5	0.75	\$50.13	20.2%	100.0%	\$10.13	\$4.87	\$15.00	\$5.50
	UG	Connection/Reconnection	Scheduled										<b>\$101.77</b>	<b>\$19.93</b>
OPC-M	URD	Connection/Reconnection		Metro	\$66.84	0.5	0.75	\$50.13	79.9%	90.0%	\$36.05	\$17.34	\$53.38	\$19.58
SL2-M	URD	Connection/Reconnection		Metro	\$100.08	0.5	0.75	\$75.06	79.9%	10.0%	\$6.00	\$2.88	\$8.88	\$1.32
OPC-D	URD	Connection/Reconnection		District	\$66.84	0.5	0.75	\$50.13	20.1%	100.0%	\$10.08	\$4.85	\$14.92	\$5.47
	URD	Connection/Reconnection	Scheduled										<b>\$77.19</b>	<b>\$26.38</b>
OPC-M	OH	Disconnection		Metro	\$66.84	0.5	0.75	\$50.13	63.0%	80.0%	\$25.27	\$12.15	\$37.42	\$13.72
SL2-M	OH	Disconnection		Metro	\$100.08	0.5	0.75	\$75.06	63.0%	20.0%	\$9.46	\$4.55	\$14.01	\$2.09
OPC-D	OH	Disconnection		District	\$66.84	0.5	0.75	\$50.13	37.0%	100.0%	\$18.55	\$8.92	\$27.47	\$10.07
	OH	Disconnection	Scheduled										<b>\$78.89</b>	<b>\$25.89</b>
OPC-M	UG	Disconnection		Metro	\$66.84	0.5	0.75	\$50.13	79.8%	15.0%	\$6.00	\$2.89	\$8.89	\$3.26
SL2-M	UG	Disconnection		Metro	\$100.08	0.5	0.75	\$75.06	79.8%	80.0%	\$47.92	\$23.04	\$70.96	\$10.58
UG3-M	UG	Disconnection		Metro	\$156.35	0.5	0.75	\$117.26	79.8%	5.0%	\$4.68	\$2.25	\$6.93	\$0.59
OPC-D	UG	Disconnection		District	\$66.84	0.5	0.75	\$50.13	20.2%	100.0%	\$10.13	\$4.87	\$15.00	\$5.50
	UG	Disconnection	Scheduled										<b>\$101.77</b>	<b>\$19.93</b>
OPC-M	URD	Disconnection		Metro	\$66.84	0.5	0.75	\$50.13	79.9%	90.0%	\$36.05	\$17.34	\$53.38	\$19.58
SL2-M	URD	Disconnection		Metro	\$100.08	0.5	0.75	\$75.06	79.9%	10.0%	\$6.00	\$2.88	\$8.88	\$1.32
OPC-D	URD	Disconnection		District	\$66.84	0.5	0.75	\$50.13	20.1%	100.0%	\$10.08	\$4.85	\$14.92	\$5.47
	URD	Disconnection	Scheduled										<b>\$77.19</b>	<b>\$26.38</b>

Column Reference:

- (1) The reference to Company designated Field Operations labor crew compliment generally used to perform the activity function within varied Operating Centers within the service territory
- (2) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (3) The description reference of the typical street light Activity performed.
- (4) The status represents the nature and associated timing of the requested Activity.
- (5) The generalized reference providing a consolidated representation of the Company's numerous crew facilities utilizing varied crew compliments within the service territory to perform the designated Activity.
- (6) The aggregate hourly labor rate for the designated Crew Compliment.
- (7) The estimated on-site time to perform the designated Activity.
- (8) The Crew Time adjusted by a Company complexity factor (1.5) to address additional time spent associated with travel, safety, site preparation and breakdown. [(7)\*1.5]
- (9) The Crew Labor Rate multiplied by the Direct Crew Time for the designated Activity. [(6)\*(8)]
- (10) The distribution percentage of the designated Activity (3) assigned to the respective Operations Center Reference (5) based upon in-service luminaire applications.
- (11) The estimated distribution percentage of the specific Crew Compliment (1) utilization within the designated Operations Center Reference (5) for the defined Activity (3).
- (12) The Labor Cost of the specific Crew Compliment (1) performing the Activity (3) as a weighted function of the Luminaire Distribution (10) and Crew Utilization (11). [(9)\*(10)\*(11)]
- (13) The application of current overhead burdens to the factored Labor Cost (12). [(12)\*(Labor Overhead %)]
- (14) The sum of Labor Cost (12) and Labor Overhead (13). [Σ(12;13)]
- (15) The transportation cost assigned to the Crew Compliment (1) factored by the Direct Crew Time (8), Operations Center Luminaire Distribution (10) and Crew Utilization (11). [(Fleet Vehicle Rate)\*(8)\*(10)\*(11)]

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Lighting Service Charges - Rate Year 2  
Service Classifications No. 2  
Company Labor Crew Time And Transportation Costs

Crew Compliment Reference	Application	Activity Description	Status	Operations Center Reference	Crew Labor Rate Per Hour (\$)	Crew (Wrench) Time (Hr)	Direct Crew Time (Hr)	Operations Crew Labor Cost (\$)	Operations Center Luminaire Distribution (%)	Crew Utilization Frequency (%)	Prorated Operations Labor Cost (\$)	Labor Overhead (\$)	Total Crew Labor Cost (\$)	Transportation Cost (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	1.50 (8)	(9)	(10)	(11)	(12)	48.09% (13)	(14)	(15)
OPC-M	OH	Investigation/Inspection		Metro	\$68.85	0.5	0.75	\$51.64	63.0%	40.0%	\$13.01	\$6.26	\$19.27	\$7.02
LC2-M	OH	Investigation/Inspection		Metro	\$115.46	0.5	0.75	\$86.60	63.0%	40.0%	\$21.82	\$10.49	\$32.32	\$2.65
SL2-M	OH	Investigation/Inspection		Metro	\$103.09	0.5	0.75	\$77.32	63.0%	20.0%	\$9.74	\$4.68	\$14.43	\$2.14
OPC-D	OH	Investigation/Inspection		District	\$68.85	0.5	0.75	\$51.64	37.0%	100.0%	\$19.11	\$9.19	\$28.29	\$10.31
	OH	Investigation/Inspection	Scheduled										<b>\$94.31</b>	<b>\$22.12</b>
OPC-M	UG	Investigation/Inspection		Metro	\$68.85	0.5	0.75	\$51.64	79.8%	15.0%	\$6.18	\$2.97	\$9.15	\$3.34
SL2-M	UG	Investigation/Inspection		Metro	\$103.09	0.5	0.75	\$77.32	79.8%	80.0%	\$49.36	\$23.74	\$73.10	\$10.83
UG3-M	UG	Investigation/Inspection		Metro	\$161.04	0.5	0.75	\$120.78	79.8%	5.0%	\$4.82	\$2.32	\$7.14	\$0.60
OPC-D	UG	Investigation/Inspection		District	\$68.85	0.5	0.75	\$51.64	20.2%	100.0%	\$10.43	\$5.02	\$15.45	\$5.63
	UG	Investigation/Inspection	Scheduled										<b>\$104.83</b>	<b>\$20.39</b>
OPC-M	URD	Investigation/Inspection		Metro	\$68.85	0.5	0.75	\$51.64	79.9%	90.0%	\$37.13	\$17.86	\$54.99	\$20.04
SL2-M	URD	Investigation/Inspection		Metro	\$103.09	0.5	0.75	\$77.32	79.9%	10.0%	\$6.18	\$2.97	\$9.15	\$1.36
OPC-D	URD	Investigation/Inspection		District	\$68.85	0.5	0.75	\$51.64	20.1%	100.0%	\$10.38	\$4.99	\$15.37	\$5.60
	URD	Investigation/Inspection	Scheduled										<b>\$79.51</b>	<b>\$27.00</b>
OPC-M	OH	Connection/Reconnection		Metro	\$68.85	0.5	0.75	\$51.64	63.0%	80.0%	\$26.03	\$12.52	\$38.54	\$14.04
SL2-M	OH	Connection/Reconnection		Metro	\$103.09	0.5	0.75	\$77.32	63.0%	20.0%	\$9.74	\$4.68	\$14.43	\$2.14
OPC-D	OH	Connection/Reconnection		District	\$68.85	0.5	0.75	\$51.64	37.0%	100.0%	\$19.11	\$9.19	\$28.29	\$10.31
	OH	Connection/Reconnection	Scheduled										<b>\$81.26</b>	<b>\$26.49</b>
OPC-M	UG	Connection/Reconnection		Metro	\$68.85	0.5	0.75	\$51.64	79.8%	15.0%	\$6.18	\$2.97	\$9.15	\$3.34
SL2-M	UG	Connection/Reconnection		Metro	\$103.09	0.5	0.75	\$77.32	79.8%	80.0%	\$49.36	\$23.74	\$73.10	\$10.83
UG3-M	UG	Connection/Reconnection		Metro	\$161.04	0.5	0.75	\$120.78	79.8%	5.0%	\$4.82	\$2.32	\$7.14	\$0.60
OPC-D	UG	Connection/Reconnection		District	\$68.85	0.5	0.75	\$51.64	20.2%	100.0%	\$10.43	\$5.02	\$15.45	\$5.63
	UG	Connection/Reconnection	Scheduled										<b>\$104.83</b>	<b>\$20.39</b>
OPC-M	URD	Connection/Reconnection		Metro	\$68.85	0.5	0.75	\$51.64	79.9%	90.0%	\$37.13	\$17.86	\$54.99	\$20.04
SL2-M	URD	Connection/Reconnection		Metro	\$103.09	0.5	0.75	\$77.32	79.9%	10.0%	\$6.18	\$2.97	\$9.15	\$1.36
OPC-D	URD	Connection/Reconnection		District	\$68.85	0.5	0.75	\$51.64	20.1%	100.0%	\$10.38	\$4.99	\$15.37	\$5.60
	URD	Connection/Reconnection	Scheduled										<b>\$79.51</b>	<b>\$27.00</b>
OPC-M	OH	Disconnection		Metro	\$68.85	0.5	0.75	\$51.64	63.0%	80.0%	\$26.03	\$12.52	\$38.54	\$14.04
SL2-M	OH	Disconnection		Metro	\$103.09	0.5	0.75	\$77.32	63.0%	20.0%	\$9.74	\$4.68	\$14.43	\$2.14
OPC-D	OH	Disconnection		District	\$68.85	0.5	0.75	\$51.64	37.0%	100.0%	\$19.11	\$9.19	\$28.29	\$10.31
	OH	Disconnection	Scheduled										<b>\$81.26</b>	<b>\$26.49</b>
OPC-M	UG	Disconnection		Metro	\$68.85	0.5	0.75	\$51.64	79.8%	15.0%	\$6.18	\$2.97	\$9.15	\$3.34
SL2-M	UG	Disconnection		Metro	\$103.09	0.5	0.75	\$77.32	79.8%	80.0%	\$49.36	\$23.74	\$73.10	\$10.83
UG3-M	UG	Disconnection		Metro	\$161.04	0.5	0.75	\$120.78	79.8%	5.0%	\$4.82	\$2.32	\$7.14	\$0.60
OPC-D	UG	Disconnection		District	\$68.85	0.5	0.75	\$51.64	20.2%	100.0%	\$10.43	\$5.02	\$15.45	\$5.63
	UG	Disconnection	Scheduled										<b>\$104.83</b>	<b>\$20.39</b>
OPC-M	URD	Disconnection		Metro	\$68.85	0.5	0.75	\$51.64	79.9%	90.0%	\$37.13	\$17.86	\$54.99	\$20.04
SL2-M	URD	Disconnection		Metro	\$103.09	0.5	0.75	\$77.32	79.9%	10.0%	\$6.18	\$2.97	\$9.15	\$1.36
OPC-D	URD	Disconnection		District	\$68.85	0.5	0.75	\$51.64	20.1%	100.0%	\$10.38	\$4.99	\$15.37	\$5.60
	URD	Disconnection	Scheduled										<b>\$79.51</b>	<b>\$27.00</b>

Column Reference:

- (1) The reference to Company designated Field Operations labor crew compliment generally used to perform the activity function within varied Operating Centers within the service territory
- (2) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (3) The description reference of the typical street light Activity performed.
- (4) The status represents the nature and associated timing of the requested Activity.
- (5) The generalized reference providing a consolidated representation of the Company's numerous crew facilities utilizing varied crew compliments within the service territory to perform the designated Activity.
- (6) The aggregate hourly labor rate for the designated Crew Compliment.
- (7) The estimated on-site time to perform the designated Activity.
- (8) The Crew Time adjusted by a Company complexity factor (1.5) to address additional time spent associated with travel, safety, site preparation and breakdown. [(7)\*1.5]
- (9) The Crew Labor Rate multiplied by the Direct Crew Time for the designated Activity. [(6)\*(8)]
- (10) The distribution percentage of the designated Activity (3) assigned to the respective Operations Center Reference (5) based upon in-service luminaire applications.
- (11) The estimated distribution percentage of the specific Crew Compliment (1) utilization within the designated Operations Center Reference (5) for the defined Activity (3).
- (12) The Labor Cost of the specific Crew Compliment (1) performing the Activity (3) as a weighted function of the Luminaire Distribution (10) and Crew Utilization (11). [(9)\*(10)\*(11)]
- (13) The application of current overhead burdens to the factored Labor Cost (12). [(12)\*(Labor Overhead %)]
- (14) The sum of Labor Cost (12) and Labor Overhead (13). [Σ(12:13)]
- (15) The transportation cost assigned to the Crew Compliment (1) factored by the Direct Crew Time (8), Operations Center Luminaire Distribution (10) and Crew Utilization (11). [(Fleet Vehicle Rate)\*(8)\*(10)\*(11)]

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Lighting Service Charges - Rate Year 3  
Service Classifications No. 2  
Company Labor Crew Time And Transportation Costs

Crew Compliment Reference	Application	Activity Description	Status	Operations Center Reference	Crew Labor Rate Per Hour (\$)	Crew (Wrench) Time (Hr)	Direct Crew Time (Hr)	Operations Crew Labor Cost (\$)	Operations Center Luminaire Distribution (%)	Crew Utilization Frequency (%)	Prorated Operations Labor Cost (\$)	Labor Overhead (\$)	Total Crew Labor Cost (\$)	Transportation Cost (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	1.50 (8)	(9)	(10)	(11)	(12)	48.09% (13)	(14)	(15)
OPC-M	OH	Investigation/Inspection		Metro	\$71.26	0.5	0.75	\$53.45	63.0%	40.0%	\$13.47	\$6.48	\$19.94	\$7.18
LC2-M	OH	Investigation/Inspection		Metro	\$119.50	0.5	0.75	\$89.63	63.0%	40.0%	\$22.59	\$10.86	\$33.45	\$2.71
SL2-M	OH	Investigation/Inspection		Metro	\$106.70	0.5	0.75	\$80.03	63.0%	20.0%	\$10.08	\$4.85	\$14.93	\$2.18
OPC-D	OH	Investigation/Inspection		District	\$71.26	0.5	0.75	\$53.45	37.0%	100.0%	\$19.77	\$9.51	\$29.28	\$10.53
	OH	Investigation/Inspection	Scheduled										<b>\$97.61</b>	<b>\$22.61</b>
OPC-M	UG	Investigation/Inspection		Metro	\$71.26	0.5	0.75	\$53.45	79.8%	15.0%	\$6.40	\$3.08	\$9.47	\$3.41
SL2-M	UG	Investigation/Inspection		Metro	\$106.70	0.5	0.75	\$80.03	79.8%	80.0%	\$51.09	\$24.57	\$75.66	\$11.06
UG3-M	UG	Investigation/Inspection		Metro	\$166.67	0.5	0.75	\$125.00	79.8%	5.0%	\$4.99	\$2.40	\$7.39	\$0.62
OPC-D	UG	Investigation/Inspection		District	\$71.26	0.5	0.75	\$53.45	20.2%	100.0%	\$10.80	\$5.19	\$15.99	\$5.75
	UG	Investigation/Inspection	Scheduled										<b>\$108.50</b>	<b>\$20.84</b>
OPC-M	URD	Investigation/Inspection		Metro	\$71.26	0.5	0.75	\$53.45	79.9%	90.0%	\$38.43	\$18.48	\$56.91	\$20.47
SL2-M	URD	Investigation/Inspection		Metro	\$106.70	0.5	0.75	\$80.03	79.9%	10.0%	\$6.39	\$3.07	\$9.47	\$1.38
OPC-D	URD	Investigation/Inspection		District	\$71.26	0.5	0.75	\$53.45	20.1%	100.0%	\$10.74	\$5.17	\$15.91	\$5.72
	URD	Investigation/Inspection	Scheduled										<b>\$82.29</b>	<b>\$27.58</b>
OPC-M	OH	Connection/Reconnection		Metro	\$71.26	0.5	0.75	\$53.45	63.0%	80.0%	\$26.94	\$12.95	\$39.89	\$14.35
SL2-M	OH	Connection/Reconnection		Metro	\$106.70	0.5	0.75	\$80.03	63.0%	20.0%	\$10.08	\$4.85	\$14.93	\$2.18
OPC-D	OH	Connection/Reconnection		District	\$71.26	0.5	0.75	\$53.45	37.0%	100.0%	\$19.77	\$9.51	\$29.28	\$10.53
	OH	Connection/Reconnection	Scheduled										<b>\$84.11</b>	<b>\$27.07</b>
OPC-M	UG	Connection/Reconnection		Metro	\$71.26	0.5	0.75	\$53.45	79.8%	15.0%	\$6.40	\$3.08	\$9.47	\$3.41
SL2-M	UG	Connection/Reconnection		Metro	\$106.70	0.5	0.75	\$80.03	79.8%	80.0%	\$51.09	\$24.57	\$75.66	\$11.06
UG3-M	UG	Connection/Reconnection		Metro	\$166.67	0.5	0.75	\$125.00	79.8%	5.0%	\$4.99	\$2.40	\$7.39	\$0.62
OPC-D	UG	Connection/Reconnection		District	\$71.26	0.5	0.75	\$53.45	20.2%	100.0%	\$10.80	\$5.19	\$15.99	\$5.75
	UG	Connection/Reconnection	Scheduled										<b>\$108.50</b>	<b>\$20.84</b>
OPC-M	URD	Connection/Reconnection		Metro	\$71.26	0.5	0.75	\$53.45	79.9%	90.0%	\$38.43	\$18.48	\$56.91	\$20.47
SL2-M	URD	Connection/Reconnection		Metro	\$106.70	0.5	0.75	\$80.03	79.9%	10.0%	\$6.39	\$3.07	\$9.47	\$1.38
OPC-D	URD	Connection/Reconnection		District	\$71.26	0.5	0.75	\$53.45	20.1%	100.0%	\$10.74	\$5.17	\$15.91	\$5.72
	URD	Connection/Reconnection	Scheduled										<b>\$82.29</b>	<b>\$27.58</b>
OPC-M	OH	Disconnection		Metro	\$71.26	0.5	0.75	\$53.45	63.0%	80.0%	\$26.94	\$12.95	\$39.89	\$14.35
SL2-M	OH	Disconnection		Metro	\$106.70	0.5	0.75	\$80.03	63.0%	20.0%	\$10.08	\$4.85	\$14.93	\$2.18
OPC-D	OH	Disconnection		District	\$71.26	0.5	0.75	\$53.45	37.0%	100.0%	\$19.77	\$9.51	\$29.28	\$10.53
	OH	Disconnection	Scheduled										<b>\$84.11</b>	<b>\$27.07</b>
OPC-M	UG	Disconnection		Metro	\$71.26	0.5	0.75	\$53.45	79.8%	15.0%	\$6.40	\$3.08	\$9.47	\$3.41
SL2-M	UG	Disconnection		Metro	\$106.70	0.5	0.75	\$80.03	79.8%	80.0%	\$51.09	\$24.57	\$75.66	\$11.06
UG3-M	UG	Disconnection		Metro	\$166.67	0.5	0.75	\$125.00	79.8%	5.0%	\$4.99	\$2.40	\$7.39	\$0.62
OPC-D	UG	Disconnection		District	\$71.26	0.5	0.75	\$53.45	20.2%	100.0%	\$10.80	\$5.19	\$15.99	\$5.75
	UG	Disconnection	Scheduled										<b>\$108.50</b>	<b>\$20.84</b>
OPC-M	URD	Disconnection		Metro	\$71.26	0.5	0.75	\$53.45	79.9%	90.0%	\$38.43	\$18.48	\$56.91	\$20.47
SL2-M	URD	Disconnection		Metro	\$106.70	0.5	0.75	\$80.03	79.9%	10.0%	\$6.39	\$3.07	\$9.47	\$1.38
OPC-D	URD	Disconnection		District	\$71.26	0.5	0.75	\$53.45	20.1%	100.0%	\$10.74	\$5.17	\$15.91	\$5.72
	URD	Disconnection	Scheduled										<b>\$82.29</b>	<b>\$27.58</b>

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- (5) The generalized reference providing a consolidated representation of the Company's numerous crew facilities utilizing varied crew compliments within the service territory to perform the designated Activity.
- (6) The aggregate hourly labor rate for the designated Crew Compliment.
- (7) The estimated on-site time to perform the designated Activity.
- (8) The Crew Time adjusted by a Company complexity factor (1.5) to address additional time spent associated with travel, safety, site preparation and breakdown. [(7)\*1.5]
- (9) The Crew Labor Rate multiplied by the Direct Crew Time for the designated Activity. [(6)\*(8)]
- (10) The distribution percentage of the designated Activity (3) assigned to the respective Operations Center Reference (5) based upon in-service luminaire applications.
- (11) The estimated distribution percentage of the specific Crew Compliment (1) utilization within the designated Operations Center Reference (5) for the defined Activity (3).
- (12) The Labor Cost of the specific Crew Compliment (1) performing the Activity (3) as a weighted function of the Luminaire Distribution (10) and Crew Utilization (11). [(9)\*(10)\*(11)]
- (13) The application of current overhead burdens to the factored Labor Cost (12). [(12)\*(Labor Overhead %)]
- (14) The sum of Labor Cost (12) and Labor Overhead (13). [Σ(12:13)]
- (15) The transportation cost assigned to the Crew Compliment (1) factored by the Direct Crew Time (8), Operations Center Luminaire Distribution (10) and Crew Utilization (11). [(Fleet Vehicle Rate)\*(8)\*(10)\*(11)]



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Summary of Customer Lighting Service Charges  
Service Classifications No. 3

Rate Year 1 - (2025-2026)

Application	Activity Description	Activity Status	Total Adjusted Labor Cost (\$)	Total Adjusted Material Cost (\$)	Total Adjusted Transportation Cost (\$)	Subtotal (\$)	Supervision & Administration (%)	Total Cost (\$)	Activity Frequency (%)	Service Charge (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	14.65% (8)	(9)	(10)	(11)
OH	Investigation/Inspection	Scheduled	\$195.93	\$8.92	\$45.55	\$250.39	\$36.68	\$287.07	80%	\$229.66
OH	Connection/Reconnection	Scheduled	\$157.78	\$10.27	\$51.77	\$219.82	\$32.20	\$252.03	18%	\$45.36
OH	Disconnection	Scheduled	\$157.78	\$8.92	\$51.77	\$218.47	\$32.01	\$250.48	2%	\$5.01
<b>Overhead Service Charge</b>										<b>\$280.03</b>
UG	Investigation/Inspection	Scheduled	\$305.32	\$11.67	\$59.78	\$376.77	\$55.20	\$431.97	80%	\$345.57
UG	Connection/Reconnection	Scheduled	\$305.32	\$21.87	\$59.78	\$386.97	\$56.69	\$443.66	18%	\$79.86
UG	Disconnection	Scheduled	\$305.32	\$8.92	\$59.78	\$374.02	\$54.79	\$428.82	2%	\$8.58
<b>Underground Service Charge</b>										<b>\$434.01</b>
URD	Investigation/Inspection	Scheduled	\$154.37	\$11.67	\$52.76	\$218.80	\$32.05	\$250.86	80%	\$200.68
URD	Connection/Reconnection	Scheduled	\$154.37	\$21.87	\$52.76	\$229.00	\$33.55	\$262.55	18%	\$47.26
URD	Disconnection	Scheduled	\$154.37	\$8.92	\$52.76	\$216.05	\$31.65	\$247.70	2%	\$4.95
<b>Underground Residential Distribution Service Charge</b>										<b>\$252.90</b>
OH	Investigation/Inspection	Emergency	\$254.73	\$8.92	\$72.71	\$336.36	\$49.28	\$385.64	28%	\$107.98
OH	Connection/Reconnection	Emergency	\$254.73	\$10.27	\$72.71	\$337.71	\$49.47	\$387.19	12%	\$46.46
OH	Disconnection	Emergency	\$254.73	\$8.92	\$72.71	\$336.36	\$49.28	\$385.64	60%	\$231.38
<b>Overhead Emergency Service Charge</b>										<b>\$385.83</b>
UG	Investigation/Inspection	Emergency	\$364.83	\$11.67	\$102.05	\$478.55	\$70.11	\$548.66	28%	\$153.62
UG	Connection/Reconnection	Emergency	\$364.83	\$21.87	\$102.05	\$488.75	\$71.60	\$560.35	12%	\$67.24
UG	Disconnection	Emergency	\$364.83	\$8.92	\$102.05	\$475.80	\$69.70	\$545.51	60%	\$327.30
<b>Underground Emergency Service Charge</b>										<b>\$548.17</b>
URD	Investigation/Inspection	Emergency	\$348.88	\$11.67	\$104.02	\$464.58	\$68.06	\$532.64	28%	\$149.14
URD	Connection/Reconnection	Emergency	\$348.88	\$21.87	\$104.02	\$474.78	\$69.55	\$544.33	12%	\$65.32
URD	Disconnection	Emergency	\$348.88	\$8.92	\$104.02	\$461.83	\$67.66	\$529.48	60%	\$317.69
<b>Underground Residential Distribution Emergency Service Charge</b>										<b>\$532.15</b>
<b>Underground Emergency Service Charge</b>										<b>\$545.32</b>

Column Reference:

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- (4) The factored fully loaded labor cost based on crew compliment per Company location designation and in-service luminaire quantities.
- (5) The assigned indirect and/or impressed stock material cost per Activity adjusted for sales tax, material handling and Rate Year inflation.
- (6) The assigned transportation vehicle classification per hour rate factored by direct crew time and adjusted for Rate Year inflation.
- (7) The sum of Total Adjusted Costs for labor, material and transportation. [  $\Sigma$  (4:6)]
- (8) A Company Administrative & General (A&G) overhead applied to the Subtotal Cost. [ (7) x (A&G%)]
- (9) The Activity cost value equal to the Subtotal (7) and A&G Overhead (8). [  $\Sigma$  (7:8)]
- (10) The Company designated application frequency of service charges based upon customer street light distribution source type by in-service quantities.
- (11) The frequency factored Total Cost of the Application based Activity and assigned Activity Status. [(9)\*(10)]

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Summary of Customer Lighting Service Charges

Service Classifications No. 3

**Rate Year 2 - (2026-2027)**

Application	Activity Description	Activity Status	Total Adjusted Labor Cost (\$)	Total Adjusted Material Cost (\$)	Total Adjusted Transportation Cost (\$)	Subtotal (\$)	Supervision & Administration (%)  14.65%	Total Cost (\$)	Activity Frequency (%)	Service Charge (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
OH	Investigation/Inspection	Scheduled	\$201.82	\$9.13	\$46.61	\$257.56	\$37.73	\$295.29	80%	\$236.23
OH	Connection/Reconnection	Scheduled	\$162.52	\$10.51	\$52.98	\$226.02	\$33.11	\$259.13	18%	\$46.64
OH	Disconnection	Scheduled	\$162.52	\$9.13	\$52.98	\$224.64	\$32.91	\$257.55	2%	\$5.15
<b>Overhead Service Charge</b>										<b>\$288.03</b>
UG	Investigation/Inspection	Scheduled	\$314.50	\$11.94	\$61.18	\$387.62	\$56.79	\$444.41	80%	\$355.53
UG	Connection/Reconnection	Scheduled	\$314.50	\$22.39	\$61.18	\$398.07	\$58.32	\$456.39	18%	\$82.15
UG	Disconnection	Scheduled	\$314.50	\$9.13	\$61.18	\$384.81	\$56.37	\$441.19	2%	\$8.82
<b>Underground Service Charge</b>										<b>\$446.50</b>
URD	Investigation/Inspection	Scheduled	\$159.02	\$11.94	\$53.99	\$224.95	\$32.95	\$257.90	80%	\$206.32
URD	Connection/Reconnection	Scheduled	\$159.02	\$22.39	\$53.99	\$235.40	\$34.49	\$269.88	18%	\$48.58
URD	Disconnection	Scheduled	\$159.02	\$9.13	\$53.99	\$222.14	\$32.54	\$254.68	2%	\$5.09
<b>Underground Residential Distribution Service Charge</b>										<b>\$259.99</b>
OH	Investigation/Inspection	Emergency	\$262.39	\$9.13	\$74.41	\$345.93	\$50.68	\$396.61	28%	\$111.05
OH	Connection/Reconnection	Emergency	\$262.39	\$10.51	\$74.41	\$347.31	\$50.88	\$398.19	12%	\$47.78
OH	Disconnection	Emergency	\$262.39	\$9.13	\$74.41	\$345.93	\$50.68	\$396.61	60%	\$237.97
<b>Overhead Emergency Service Charge</b>										<b>\$396.80</b>
UG	Investigation/Inspection	Emergency	\$375.79	\$11.94	\$104.44	\$492.18	\$72.10	\$564.28	28%	\$158.00
UG	Connection/Reconnection	Emergency	\$375.79	\$22.39	\$104.44	\$502.63	\$73.63	\$576.26	12%	\$69.15
UG	Disconnection	Emergency	\$375.79	\$9.13	\$104.44	\$489.37	\$71.69	\$561.06	60%	\$336.63
<b>Underground Emergency Service Charge</b>										<b>\$563.78</b>
URD	Investigation/Inspection	Emergency	\$359.37	\$11.94	\$106.46	\$477.77	\$69.99	\$547.76	28%	\$153.37
URD	Connection/Reconnection	Emergency	\$359.37	\$22.39	\$106.46	\$488.22	\$71.52	\$559.74	12%	\$67.17
URD	Disconnection	Emergency	\$359.37	\$9.13	\$106.46	\$474.96	\$69.58	\$544.54	60%	\$326.72
<b>Underground Residential Distribution Emergency Service Charge</b>										<b>\$547.27</b>
<b>Underground Emergency Service Charge</b>										<b>\$560.84</b>

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- (3) The nature and associated timing of the requested Activity.
- (4) The factored fully loaded labor cost based on crew compliment per Company location designation and in-service luminaire quantities.
- (5) The assigned indirect and/or impressed stock material cost per Activity adjusted for sales tax, material handling and Rate Year inflation.
- (6) The assigned transportation vehicle classification per hour rate factored by direct crew time and adjusted for Rate Year inflation.
- (7) The sum of Total Adjusted Costs for labor, material and transportation. [  $\Sigma$  (4;6)]
- (8) A Company Administrative & General (A&G) overhead applied to the Subtotal Cost. [ (7) x (A&G%)]
- (9) The Activity cost value equal to the Subtotal (7) and A&G Overhead (8). [  $\Sigma$  (7;8)]
- (10) The Company designated application frequency of service charges based upon customer street light distribution source type by in-service quantities.
- (11) The frequency factored Total Cost of the Application based Activity and assigned Activity Status. [(9)\*(10)]

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Customer Lighting Service Charges  
Service Classifications No. 3

**Rate Year 3 - (2027-2028)**

Application	Activity Description	Activity Status	Total Adjusted Labor Cost (\$)	Total Adjusted Material Cost (\$)	Total Adjusted Transportation Cost (\$)	Subtotal (\$)	Supervision & Administration (%)	Total Cost (\$)	Activity Frequency (%)	Service Charge (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	14.65% (8)	(9)	(10)	(11)
OH	Investigation/Inspection	Scheduled	\$208.88	\$9.32	\$47.62	\$265.83	\$38.94	\$304.77	80%	\$243.82
OH	Connection/Reconnection	Scheduled	\$168.21	\$10.74	\$54.14	\$233.09	\$34.15	\$267.24	18%	\$48.10
OH	Disconnection	Scheduled	\$168.21	\$9.32	\$54.14	\$231.67	\$33.94	\$265.61	2%	\$5.31
<b>Overhead Service Charge</b>										<b>\$297.23</b>
UG	Investigation/Inspection	Scheduled	\$325.51	\$12.20	\$62.51	\$400.22	\$58.63	\$458.85	80%	\$367.08
UG	Connection/Reconnection	Scheduled	\$325.51	\$22.87	\$62.51	\$410.89	\$60.20	\$471.09	18%	\$84.80
UG	Disconnection	Scheduled	\$325.51	\$9.32	\$62.51	\$397.34	\$58.21	\$455.55	2%	\$9.11
<b>Underground Service Charge</b>										<b>\$460.99</b>
URD	Investigation/Inspection	Scheduled	\$164.58	\$12.20	\$55.16	\$231.95	\$33.98	\$265.93	80%	\$212.74
URD	Connection/Reconnection	Scheduled	\$164.58	\$22.87	\$55.16	\$242.62	\$35.54	\$278.16	18%	\$50.07
URD	Disconnection	Scheduled	\$164.58	\$9.32	\$55.16	\$229.07	\$33.56	\$262.63	2%	\$5.25
<b>Underground Residential Distribution Service Charge</b>										<b>\$268.06</b>
OH	Investigation/Inspection	Emergency	\$271.57	\$9.32	\$76.03	\$356.92	\$52.29	\$409.21	28%	\$114.58
OH	Connection/Reconnection	Emergency	\$271.57	\$10.74	\$76.03	\$358.34	\$52.50	\$410.84	12%	\$49.30
OH	Disconnection	Emergency	\$271.57	\$9.32	\$76.03	\$356.92	\$52.29	\$409.21	60%	\$245.53
<b>Overhead Emergency Service Charge</b>										<b>\$409.41</b>
UG	Investigation/Inspection	Emergency	\$388.95	\$12.20	\$106.71	\$507.86	\$74.40	\$582.26	28%	\$163.03
UG	Connection/Reconnection	Emergency	\$388.95	\$22.87	\$106.71	\$518.53	\$75.96	\$594.49	12%	\$71.34
UG	Disconnection	Emergency	\$388.95	\$9.32	\$106.71	\$504.98	\$73.98	\$578.96	60%	\$347.38
<b>Underground Emergency Service Charge</b>										<b>\$581.75</b>
URD	Investigation/Inspection	Emergency	\$371.95	\$12.20	\$108.77	\$492.92	\$72.21	\$565.14	28%	\$158.24
URD	Connection/Reconnection	Emergency	\$371.95	\$22.87	\$108.77	\$503.59	\$73.78	\$577.37	12%	\$69.28
URD	Disconnection	Emergency	\$371.95	\$9.32	\$108.77	\$490.04	\$71.79	\$561.84	60%	\$337.10
<b>Underground Residential Distribution Emergency Service Charge</b>										<b>\$564.62</b>
<b>Underground Emergency Service Charge</b>										<b>\$578.70</b>

Column Reference:

- (1) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (2) The general description reference of the typical street light Activity performed.
- (3) The nature and associated timing of the requested Activity.
- (4) The factored fully loaded labor cost based on crew compliment per Company location designation and in-service luminaire quantities.
- (5) The assigned indirect and/or impressed stock material cost per Activity adjusted for sales tax, material handling and Rate Year inflation.
- (6) The assigned transportation vehicle classification per hour rate factored by direct crew time and adjusted for Rate Year inflation.
- (7) The sum of Total Adjusted Costs for labor, material and transportation. [  $\Sigma$  (4;6)]
- (8) A Company Administrative & General (A&G) overhead applied to the Subtotal Cost. [ (7) x (A&G%)]
- (9) The Activity cost value equal to the Subtotal (7) and A&G Overhead (8). [  $\Sigma$  (7;8)]
- (10) The Company designated application frequency of service charges based upon customer street light distribution source type by in-service quantities.
- (11) The frequency factored Total Cost of the Application based Activity and assigned Activity Status. [(9)\*(10)]

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

P.S.C. No. 214 ELECTRICITY

Development of Lighting Service Charges - Rate Year 1

Service Classifications No. 3

Company Labor Crew Time And Transportation Costs

Crew Compliment Reference	Application	Activity Description	Status	Operations Center Reference	Crew Labor Rate Per Hour (\$)	Crew (Wrench) Time (Hr)	Direct Crew Time (Hr)	Operations Crew Labor Cost (\$)	Operations Center Luminaire Distribution (%)	Crew Utilization Frequency (%)	Prorated Operations Labor Cost (\$)	Labor Overhead (\$)	Total Crew Labor Cost (\$)	Transportation Cost (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	1.50	(9)	(10)	(11)	(12)	48.09%	(14)	(15)
OPC-M	OH	Investigation/Inspection		Metro	\$66.84	1.1	1.65	\$110.29	63.0%	40.0%	\$27.79	\$13.37	\$41.16	\$15.10
LC2-M	OH	Investigation/Inspection		Metro	\$112.09	1.1	1.65	\$184.95	63.0%	40.0%	\$46.61	\$22.41	\$69.02	\$5.71
SL2-M	OH	Investigation/Inspection		Metro	\$100.08	1.1	1.65	\$165.13	63.0%	20.0%	\$20.81	\$10.01	\$30.81	\$4.59
OPC-D	OH	Investigation/Inspection		District	\$66.84	1	1.50	\$100.26	37.0%	100.0%	\$37.10	\$17.84	\$54.94	\$20.15
	OH	Investigation/Inspection	Scheduled										<b>\$195.93</b>	<b>\$45.55</b>
OPC-M	UG	Investigation/Inspection		Metro	\$66.84	1.5	2.25	\$150.39	79.8%	15.0%	\$18.00	\$8.66	\$26.66	\$9.78
SL2-M	UG	Investigation/Inspection		Metro	\$100.08	1.5	2.25	\$225.18	79.8%	80.0%	\$143.75	\$69.13	\$212.89	\$31.74
UG3-M	UG	Investigation/Inspection		Metro	\$156.35	1.5	2.25	\$351.79	79.8%	5.0%	\$14.04	\$6.75	\$20.79	\$1.77
OPC-D	UG	Investigation/Inspection		District	\$66.84	1.5	2.25	\$150.39	20.2%	100.0%	\$30.38	\$14.61	\$44.99	\$16.50
	UG	Investigation/Inspection	Scheduled										<b>\$305.32</b>	<b>\$59.78</b>
OPC-M	URD	Investigation/Inspection		Metro	\$66.84	1	1.50	\$100.26	79.9%	90.0%	\$72.10	\$34.67	\$106.77	\$39.16
SL2-M	URD	Investigation/Inspection		Metro	\$100.08	1	1.50	\$150.12	79.9%	10.0%	\$11.99	\$5.77	\$17.76	\$2.65
OPC-D	URD	Investigation/Inspection		District	\$66.84	1	1.50	\$100.26	20.1%	100.0%	\$20.15	\$9.69	\$29.84	\$10.95
	URD	Investigation/Inspection	Scheduled										<b>\$154.37</b>	<b>\$52.76</b>
OPC-M	OH	Connection/Reconnection		Metro	\$66.84	1	1.50	\$100.26	63.0%	80.0%	\$50.53	\$24.30	\$74.83	\$27.45
SL2-M	OH	Connection/Reconnection		Metro	\$100.08	1	1.50	\$150.12	63.0%	20.0%	\$18.92	\$9.10	\$28.01	\$4.18
OPC-D	OH	Connection/Reconnection		District	\$66.84	1	1.50	\$100.26	37.0%	100.0%	\$37.10	\$17.84	\$54.94	\$20.15
	OH	Connection/Reconnection	Scheduled										<b>\$157.78</b>	<b>\$51.77</b>
OPC-M	UG	Connection/Reconnection		Metro	\$66.84	1.5	2.25	\$150.39	79.8%	15.0%	\$18.00	\$8.66	\$26.66	\$9.78
SL2-M	UG	Connection/Reconnection		Metro	\$100.08	1.5	2.25	\$225.18	79.8%	80.0%	\$143.75	\$69.13	\$212.89	\$31.74
UG3-M	UG	Connection/Reconnection		Metro	\$156.35	1.5	2.25	\$351.79	79.8%	5.0%	\$14.04	\$6.75	\$20.79	\$1.77
OPC-D	UG	Connection/Reconnection		District	\$66.84	1.5	2.25	\$150.39	20.2%	100.0%	\$30.38	\$14.61	\$44.99	\$16.50
	UG	Connection/Reconnection	Scheduled										<b>\$305.32</b>	<b>\$59.78</b>
OPC-M	URD	Connection/Reconnection		Metro	\$66.84	1	1.50	\$100.26	79.9%	90.0%	\$72.10	\$34.67	\$106.77	\$39.16
SL2-M	URD	Connection/Reconnection		Metro	\$100.08	1	1.50	\$150.12	79.9%	10.0%	\$11.99	\$5.77	\$17.76	\$2.65
OPC-D	URD	Connection/Reconnection		District	\$66.84	1	1.50	\$100.26	20.1%	100.0%	\$20.15	\$9.69	\$29.84	\$10.95
	URD	Connection/Reconnection	Scheduled										<b>\$154.37</b>	<b>\$52.76</b>
OPC-M	OH	Disconnection		Metro	\$66.84	1	1.50	\$100.26	63.0%	80.0%	\$50.53	\$24.30	\$74.83	\$27.45
SL2-M	OH	Disconnection		Metro	\$100.08	1	1.50	\$150.12	63.0%	20.0%	\$18.92	\$9.10	\$28.01	\$4.18
OPC-D	OH	Disconnection		District	\$66.84	1	1.50	\$100.26	37.0%	100.0%	\$37.10	\$17.84	\$54.94	\$20.15
	OH	Disconnection	Scheduled										<b>\$157.78</b>	<b>\$51.77</b>
OPC-M	UG	Disconnection		Metro	\$66.84	1.5	2.25	\$150.39	79.8%	15.0%	\$18.00	\$8.66	\$26.66	\$9.78
SL2-M	UG	Disconnection		Metro	\$100.08	1.5	2.25	\$225.18	79.8%	80.0%	\$143.75	\$69.13	\$212.89	\$31.74
UG3-M	UG	Disconnection		Metro	\$156.35	1.5	2.25	\$351.79	79.8%	5.0%	\$14.04	\$6.75	\$20.79	\$1.77
OPC-D	UG	Disconnection		District	\$66.84	1.5	2.25	\$150.39	20.2%	100.0%	\$30.38	\$14.61	\$44.99	\$16.50
	UG	Disconnection	Scheduled										<b>\$305.32</b>	<b>\$59.78</b>
OPC-M	URD	Disconnection		Metro	\$66.84	1	1.50	\$100.26	79.9%	90.0%	\$72.10	\$34.67	\$106.77	\$39.16
SL2-M	URD	Disconnection		Metro	\$100.08	1	1.50	\$150.12	79.9%	10.0%	\$11.99	\$5.77	\$17.76	\$2.65
OPC-D	URD	Disconnection		District	\$66.84	1	1.50	\$100.26	20.1%	100.0%	\$20.15	\$9.69	\$29.84	\$10.95
	URD	Disconnection	Scheduled										<b>\$154.37</b>	<b>\$52.76</b>
OPC-M	OH	Emergency Response		Metro	\$66.84	1.5	2.25	\$150.39	63.0%	80.0%	\$75.80	\$36.45	\$112.25	\$41.17
SL2-M	OH	Emergency Response		Metro	\$100.08	1.5	2.25	\$225.18	63.0%	10.0%	\$14.19	\$6.82	\$21.01	\$3.13
TC2-M	OH	Emergency Response		Metro	\$132.97	1.5	2.25	\$299.18	63.0%	10.0%	\$18.85	\$9.06	\$27.91	\$1.95
LC2-D	OH	Emergency Response		District	\$112.09	1.5	2.25	\$252.20	37.0%	20.0%	\$18.66	\$8.98	\$27.64	\$2.28
OPC-D	OH	Emergency Response		District	\$66.84	1.5	2.25	\$150.39	37.0%	80.0%	\$44.52	\$21.41	\$65.92	\$24.18
	OH	Emergency Response	Emergency										<b>\$254.73</b>	<b>\$72.71</b>
OPC-M	UG	Emergency Response		Metro	\$66.84	2	3.00	\$200.52	79.8%	75.0%	\$120.01	\$57.71	\$177.72	\$65.19
SL2-M	UG	Emergency Response		Metro	\$100.08	2	3.00	\$300.24	79.8%	15.0%	\$35.94	\$17.28	\$53.22	\$7.93
TC2-M	UG	Emergency Response		Metro	\$132.97	2	3.00	\$398.91	79.8%	5.0%	\$15.92	\$7.65	\$23.57	\$1.64
UG3-M	UG	Emergency Response		Metro	\$156.35	2	3.00	\$469.05	79.8%	5.0%	\$18.72	\$9.00	\$27.72	\$2.35
LC2-D	UG	Emergency Response		District	\$112.09	2.5	3.75	\$420.34	20.2%	15.0%	\$12.74	\$6.12	\$18.86	\$1.56
OPC-D	UG	Emergency Response		District	\$66.84	2.5	3.75	\$250.65	20.2%	85.0%	\$43.04	\$20.70	\$63.73	\$23.38
	UG	Emergency Response	Emergency										<b>\$364.83</b>	<b>\$102.05</b>
OPC-M	URD	Emergency Response		Metro	\$66.84	2	3.00	\$200.52	79.9%	80.0%	\$128.17	\$61.64	\$189.81	\$69.62
SL2-M	URD	Emergency Response		Metro	\$100.08	2	3.00	\$300.24	79.9%	15.0%	\$35.98	\$17.30	\$53.29	\$7.94
TC2-M	URD	Emergency Response		Metro	\$132.97	2	3.00	\$398.91	79.9%	5.0%	\$15.94	\$7.66	\$23.60	\$1.64
LC2-D	URD	Emergency Response		District	\$112.09	2.5	3.75	\$420.34	20.1%	15.0%	\$12.67	\$6.09	\$18.77	\$1.55
OPC-D	URD	Emergency Response		District	\$66.84	2.5	3.75	\$250.65	20.1%	85.0%	\$42.82	\$20.59	\$63.42	\$23.26
	URD	Emergency Response	Emergency										<b>\$348.88</b>	<b>\$104.02</b>

Column Reference:

- (1) The reference to Company designated Field Operations labor crew compliment generally used to perform the activity function within varied Operating Centers within the service territory
- (2) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (3) The description reference of the typical street light Activity performed.
- (4) The status represents the nature and associated timing of the requested Activity.
- (5) The generalized reference providing a consolidated representation of the Company's numerous crew facilities utilizing varied crew compliments within the service territory to perform the designated Activity.
- (6) The aggregate hourly labor rate for the designated Crew Compliment.
- (7) The estimated on-site time to perform the designated Activity.
- (8) The Crew Time adjusted by a Company complexity factor (1.5) to address additional time spent associated with travel, safety, site preparation and breakdown. [(7)\*1.5]
- (9) The Crew Labor Rate multiplied by the Direct Crew Time for the designated Activity. [(6)\*(8)]
- (10) The distribution percentage of the designated Activity (3) assigned to the respective Operations Center Reference (5) based upon in-service customer luminaire applications.
- (11) The estimated distribution percentage of the specific Crew Compliment (1) utilization within the designated Operations Center Reference (5) for the defined Activity (3).
- (12) The Labor Cost of the specific Crew Compliment (1) performing the Activity (3) as a weighted function of the Luminaire Distribution (10) and Crew Utilization (11). [(9)\*(10)\*(11)]
- (13) The application of current overhead burdens to the factored Labor Cost (12). [(12)\*(Labor Overhead %)]

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Lighting Service Charges - Rate Year 2  
Service Classifications No. 3  
Company Labor Crew Time And Transportation Costs

Crew Compliment Reference	Application	Activity Description	Status	Operations Center Reference	Crew Labor Rate Per Hour (\$)	Crew (Wrench) Time (Hr)	Direct Crew Time (Hr)	Operations Crew Labor Cost (\$)	Operations Center Luminaire Distribution (%)	Crew Utilization Frequency (%)	Prorated Operations Labor Cost (\$)	Labor Overhead (\$)	Total Crew Labor Cost (\$)	Transportation Cost (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	1.50	(9)	(10)	(11)	(12)	48.09%	(14)	(15)
OPC-M	OH	Investigation/Inspection	Scheduled	Metro	\$68.85	1.1	1.65	\$113.60	63.0%	40.0%	\$28.63	\$13.77	\$42.39	\$15.45
LC2-M	OH	Investigation/Inspection		Metro	\$115.46	1.1	1.65	\$190.51	63.0%	40.0%	\$48.01	\$23.09	\$71.10	\$5.84
SL2-M	OH	Investigation/Inspection		Metro	\$103.09	1.1	1.65	\$170.10	63.0%	20.0%	\$21.43	\$10.31	\$31.74	\$4.70
OPC-D	OH	Investigation/Inspection		District	\$68.85	1	1.50	\$103.28	37.0%	100.0%	\$38.21	\$18.38	\$56.59	\$20.62
	OH	Investigation/Inspection											<b>\$201.82</b>	<b>\$46.61</b>
OPC-M	UG	Investigation/Inspection	Scheduled	Metro	\$68.85	1.5	2.25	\$154.91	79.8%	15.0%	\$18.54	\$8.92	\$27.46	\$10.01
SL2-M	UG	Investigation/Inspection		Metro	\$103.09	1.5	2.25	\$231.95	79.8%	80.0%	\$148.08	\$71.21	\$219.29	\$32.48
UG3-M	UG	Investigation/Inspection		Metro	\$161.04	1.5	2.25	\$362.34	79.8%	5.0%	\$14.46	\$6.95	\$21.41	\$1.81
OPC-D	UG	Investigation/Inspection		District	\$68.85	1.5	2.25	\$154.91	20.2%	100.0%	\$31.29	\$15.05	\$46.34	\$16.89
	UG	Investigation/Inspection											<b>\$314.50</b>	<b>\$61.18</b>
OPC-M	URD	Investigation/Inspection	Scheduled	Metro	\$68.85	1	1.50	\$103.28	79.9%	90.0%	\$74.27	\$35.71	\$109.98	\$40.08
SL2-M	URD	Investigation/Inspection		Metro	\$103.09	1	1.50	\$154.64	79.9%	10.0%	\$12.36	\$5.94	\$18.30	\$2.71
OPC-D	URD	Investigation/Inspection		District	\$68.85	1	1.50	\$103.28	20.1%	100.0%	\$20.76	\$9.98	\$30.74	\$11.20
	URD	Investigation/Inspection											<b>\$159.02</b>	<b>\$53.99</b>
OPC-M	OH	Connection/Reconnection	Scheduled	Metro	\$68.85	1	1.50	\$103.28	63.0%	80.0%	\$52.05	\$25.03	\$77.08	\$28.09
SL2-M	OH	Connection/Reconnection		Metro	\$103.09	1	1.50	\$154.64	63.0%	20.0%	\$19.48	\$9.37	\$28.85	\$4.27
OPC-D	OH	Connection/Reconnection		District	\$68.85	1	1.50	\$103.28	37.0%	100.0%	\$38.21	\$18.38	\$56.59	\$20.62
	OH	Connection/Reconnection											<b>\$162.52</b>	<b>\$52.98</b>
OPC-M	UG	Connection/Reconnection	Scheduled	Metro	\$68.85	1.5	2.25	\$154.91	79.8%	15.0%	\$18.54	\$8.92	\$27.46	\$10.01
SL2-M	UG	Connection/Reconnection		Metro	\$103.09	1.5	2.25	\$231.95	79.8%	80.0%	\$148.08	\$71.21	\$219.29	\$32.48
UG3-M	UG	Connection/Reconnection		Metro	\$161.04	1.5	2.25	\$362.34	79.8%	5.0%	\$14.46	\$6.95	\$21.41	\$1.81
OPC-D	UG	Connection/Reconnection		District	\$68.85	1.5	2.25	\$154.91	20.2%	100.0%	\$31.29	\$15.05	\$46.34	\$16.89
	UG	Connection/Reconnection											<b>\$314.50</b>	<b>\$61.18</b>
OPC-M	URD	Connection/Reconnection	Scheduled	Metro	\$68.85	1	1.50	\$103.28	79.9%	90.0%	\$74.27	\$35.71	\$109.98	\$40.08
SL2-M	URD	Connection/Reconnection		Metro	\$103.09	1	1.50	\$154.64	79.9%	10.0%	\$12.36	\$5.94	\$18.30	\$2.71
OPC-D	URD	Connection/Reconnection		District	\$68.85	1	1.50	\$103.28	20.1%	100.0%	\$20.76	\$9.98	\$30.74	\$11.20
	URD	Connection/Reconnection											<b>\$159.02</b>	<b>\$53.99</b>
OPC-M	OH	Disconnection	Scheduled	Metro	\$68.85	1	1.50	\$103.28	63.0%	80.0%	\$52.05	\$25.03	\$77.08	\$28.09
SL2-M	OH	Disconnection		Metro	\$103.09	1	1.50	\$154.64	63.0%	20.0%	\$19.48	\$9.37	\$28.85	\$4.27
OPC-D	OH	Disconnection		District	\$68.85	1	1.50	\$103.28	37.0%	100.0%	\$38.21	\$18.38	\$56.59	\$20.62
	OH	Disconnection											<b>\$162.52</b>	<b>\$52.98</b>
OPC-M	UG	Disconnection	Scheduled	Metro	\$68.85	1.5	2.25	\$154.91	79.8%	15.0%	\$18.54	\$8.92	\$27.46	\$10.01
SL2-M	UG	Disconnection		Metro	\$103.09	1.5	2.25	\$231.95	79.8%	80.0%	\$148.08	\$71.21	\$219.29	\$32.48
UG3-M	UG	Disconnection		Metro	\$161.04	1.5	2.25	\$362.34	79.8%	5.0%	\$14.46	\$6.95	\$21.41	\$1.81
OPC-D	UG	Disconnection		District	\$68.85	1.5	2.25	\$154.91	20.2%	100.0%	\$31.29	\$15.05	\$46.34	\$16.89
	UG	Disconnection											<b>\$314.50</b>	<b>\$61.18</b>
OPC-M	URD	Disconnection	Scheduled	Metro	\$68.85	1	1.50	\$103.28	79.9%	90.0%	\$74.27	\$35.71	\$109.98	\$40.08
SL2-M	URD	Disconnection		Metro	\$103.09	1	1.50	\$154.64	79.9%	10.0%	\$12.36	\$5.94	\$18.30	\$2.71
OPC-D	URD	Disconnection		District	\$68.85	1	1.50	\$103.28	20.1%	100.0%	\$20.76	\$9.98	\$30.74	\$11.20
	URD	Disconnection											<b>\$159.02</b>	<b>\$53.99</b>
OPC-M	OH	Emergency Response	Emergency	Metro	\$68.85	1.5	2.25	\$154.91	63.0%	80.0%	\$78.08	\$37.55	\$115.62	\$42.13
SL2-M	OH	Emergency Response		Metro	\$103.09	1.5	2.25	\$231.95	63.0%	10.0%	\$14.61	\$7.03	\$21.64	\$3.21
TC2-M	OH	Emergency Response		Metro	\$136.96	1.5	2.25	\$308.16	63.0%	10.0%	\$19.41	\$9.34	\$28.75	\$1.99
LC2-D	OH	Emergency Response		District	\$115.46	1.5	2.25	\$259.79	37.0%	20.0%	\$19.22	\$9.24	\$28.47	\$2.34
OPC-D	OH	Emergency Response	Emergency	District	\$68.85	1.5	2.25	\$154.91	37.0%	80.0%	\$45.85	\$22.05	\$67.91	\$24.75
	OH	Emergency Response											<b>\$262.39</b>	<b>\$74.41</b>
OPC-M	UG	Emergency Response		Metro	\$68.85	2	3.00	\$206.55	79.8%	75.0%	\$123.62	\$59.45	\$183.07	\$66.71
SL2-M	UG	Emergency Response		Metro	\$103.09	2	3.00	\$309.27	79.8%	15.0%	\$37.02	\$17.80	\$54.82	\$8.12
TC2-M	UG	Emergency Response	Emergency	Metro	\$136.96	2	3.00	\$410.88	79.8%	5.0%	\$16.39	\$7.88	\$24.28	\$1.68
UG3-M	UG	Emergency Response		Metro	\$161.04	2	3.00	\$483.12	79.8%	5.0%	\$19.28	\$9.27	\$28.55	\$2.41
LC2-D	UG	Emergency Response		District	\$115.46	2.5	3.75	\$432.98	20.2%	15.0%	\$13.12	\$6.31	\$19.43	\$1.60
OPC-D	UG	Emergency Response		District	\$68.85	2.5	3.75	\$258.19	20.2%	85.0%	\$44.33	\$21.32	\$65.65	\$23.92
	UG	Emergency Response											<b>\$375.79</b>	<b>\$104.44</b>
OPC-M	URD	Emergency Response	Emergency	Metro	\$68.85	2	3.00	\$206.55	79.9%	80.0%	\$132.03	\$63.49	\$195.52	\$71.25
SL2-M	URD	Emergency Response		Metro	\$103.09	2	3.00	\$309.27	79.9%	15.0%	\$37.07	\$17.83	\$54.89	\$8.13
TC2-M	URD	Emergency Response		Metro	\$136.96	2	3.00	\$410.88	79.9%	5.0%	\$16.41	\$7.89	\$24.31	\$1.68
LC2-D	URD	Emergency Response		District	\$115.46	2.5	3.75	\$432.98	20.1%	15.0%	\$13.05	\$6.28	\$19.33	\$1.59
OPC-D	URD	Emergency Response	Emergency	District	\$68.85	2.5	3.75	\$258.19	20.1%	85.0%	\$44.11	\$21.21	\$65.32	\$23.81
	URD	Emergency Response											<b>\$359.37</b>	<b>\$106.46</b>

Column Reference:

- (1) The reference to Company designated Field Operations labor crew compliment generally used to perform the activity function within varied Operating Centers within the service territory
- (2) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (3) The description reference of the typical street light Activity performed.
- (4) The status represents the nature and associated timing of the requested Activity.
- (5) The generalized reference providing a consolidated representation of the Company's numerous crew facilities utilizing varied crew compliments within the service territory to perform the designated Activity.
- (6) The aggregate hourly labor rate for the designated Crew Compliment.
- (7) The estimated on-site time to perform the designated Activity.
- (8) The Crew Time adjusted by a Company complexity factor (1.5) to address additional time spent associated with travel, safety, site preparation and breakdown. [(7)\*1.5]
- (9) The Crew Labor Rate multiplied by the Direct Crew Time for the designated Activity. [(6)\*(8)]
- (10) The distribution percentage of the designated Activity (3) assigned to the respective Operations Center Reference (5) based upon in-service customer luminaire applications.
- (11) The estimated distribution percentage of the specific Crew Compliment (1) utilization within the designated Operations Center Reference (5) for the defined Activity (3).
- (12) The Labor Cost of the specific Crew Compliment (1) performing the Activity (3) as a weighted function of the Luminaire Distribution (10) and Crew Utilization (11). [(9)\*(10)\*(11)]
- (13) The application of current overhead burdens to the factored Labor Cost (12). [(12)\*(Labor Overhead %)]

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
P.S.C. No. 214 ELECTRICITY  
Development of Lighting Service Charges - Rate Year 3  
Service Classifications No. 3  
Company Labor Crew Time And Transportation Costs

Crew Compliment Reference	Application	Activity Description	Status	Operations Center Reference	Crew Labor Rate Per Hour (\$)	Crew (Wrench) Time (Hr)	Direct Crew Time (Hr)	Operations Crew Labor Cost (\$)	Operations Center Luminaire Distribution (%)	Crew Utilization Frequency (%)	Prorated Operations Labor Cost (\$)	Labor Overhead (\$)	Total Crew Labor Cost (\$)	Transportation Cost (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	1.50 (8)	(9)	(10)	(11)	(12)	48.09% (13)	(14)	(15)
OPC-M	OH	Investigation/Inspection	Scheduled	Metro	\$71.26	1.1	1.65	\$117.58	63.0%	40.0%	\$29.63	\$14.25	\$43.88	\$15.79
LC2-M	OH	Investigation/Inspection		Metro	\$119.50	1.1	1.65	\$197.18	63.0%	40.0%	\$49.69	\$23.90	\$73.58	\$5.97
SL2-M	OH	Investigation/Inspection		Metro	\$106.70	1.1	1.65	\$176.06	63.0%	20.0%	\$22.18	\$10.67	\$32.85	\$4.80
OPC-D	OH	Investigation/Inspection		District	\$71.26	1	1.50	\$106.89	37.0%	100.0%	\$39.55	\$19.02	\$58.57	\$21.07
													<b>\$208.88</b>	<b>\$47.62</b>
OPC-M	UG	Investigation/Inspection	Scheduled	Metro	\$71.26	1.5	2.25	\$160.34	79.8%	15.0%	\$19.19	\$9.23	\$28.42	\$10.22
SL2-M	UG	Investigation/Inspection		Metro	\$106.70	1.5	2.25	\$240.08	79.8%	80.0%	\$153.26	\$73.70	\$226.97	\$33.19
UG3-M	UG	Investigation/Inspection		Metro	\$166.67	1.5	2.25	\$375.01	79.8%	5.0%	\$14.96	\$7.20	\$22.16	\$1.85
OPC-D	UG	Investigation/Inspection		District	\$71.26	1.5	2.25	\$160.34	20.2%	100.0%	\$32.39	\$15.58	\$47.96	\$17.25
													<b>\$325.51</b>	<b>\$62.51</b>
OPC-M	URD	Investigation/Inspection	Scheduled	Metro	\$71.26	1	1.50	\$106.89	79.9%	90.0%	\$76.86	\$36.96	\$113.83	\$40.95
SL2-M	URD	Investigation/Inspection		Metro	\$106.70	1	1.50	\$160.05	79.9%	10.0%	\$12.79	\$6.15	\$18.94	\$2.77
OPC-D	URD	Investigation/Inspection		District	\$71.26	1	1.50	\$106.89	20.1%	100.0%	\$21.48	\$10.33	\$31.82	\$11.45
													<b>\$164.58</b>	<b>\$55.16</b>
OPC-M	OH	Connection/Reconnection	Scheduled	Metro	\$71.26	1	1.50	\$106.89	63.0%	80.0%	\$53.87	\$25.91	\$79.78	\$28.70
SL2-M	OH	Connection/Reconnection		Metro	\$106.70	1	1.50	\$160.05	63.0%	20.0%	\$20.17	\$9.70	\$29.86	\$4.37
OPC-D	OH	Connection/Reconnection		District	\$71.26	1	1.50	\$106.89	37.0%	100.0%	\$39.55	\$19.02	\$58.57	\$21.07
													<b>\$168.21</b>	<b>\$54.14</b>
OPC-M	UG	Connection/Reconnection	Scheduled	Metro	\$71.26	1.5	2.25	\$160.34	79.8%	15.0%	\$19.19	\$9.23	\$28.42	\$10.22
SL2-M	UG	Connection/Reconnection		Metro	\$106.70	1.5	2.25	\$240.08	79.8%	80.0%	\$153.26	\$73.70	\$226.97	\$33.19
UG3-M	UG	Connection/Reconnection		Metro	\$166.67	1.5	2.25	\$375.01	79.8%	5.0%	\$14.96	\$7.20	\$22.16	\$1.85
OPC-D	UG	Connection/Reconnection		District	\$71.26	1.5	2.25	\$160.34	20.2%	100.0%	\$32.39	\$15.58	\$47.96	\$17.25
													<b>\$325.51</b>	<b>\$62.51</b>
OPC-M	URD	Connection/Reconnection	Scheduled	Metro	\$71.26	1	1.50	\$106.89	79.9%	90.0%	\$76.86	\$36.96	\$113.83	\$40.95
SL2-M	URD	Connection/Reconnection		Metro	\$106.70	1	1.50	\$160.05	79.9%	10.0%	\$12.79	\$6.15	\$18.94	\$2.77
OPC-D	URD	Connection/Reconnection		District	\$71.26	1	1.50	\$106.89	20.1%	100.0%	\$21.48	\$10.33	\$31.82	\$11.45
													<b>\$164.58</b>	<b>\$55.16</b>
OPC-M	OH	Disconnection	Scheduled	Metro	\$71.26	1	1.50	\$106.89	63.0%	80.0%	\$53.87	\$25.91	\$79.78	\$28.70
SL2-M	OH	Disconnection		Metro	\$106.70	1	1.50	\$160.05	63.0%	20.0%	\$20.17	\$9.70	\$29.86	\$4.37
OPC-D	OH	Disconnection		District	\$71.26	1	1.50	\$106.89	37.0%	100.0%	\$39.55	\$19.02	\$58.57	\$21.07
													<b>\$168.21</b>	<b>\$54.14</b>
OPC-M	UG	Disconnection	Scheduled	Metro	\$71.26	1.5	2.25	\$160.34	79.8%	15.0%	\$19.19	\$9.23	\$28.42	\$10.22
SL2-M	UG	Disconnection		Metro	\$106.70	1.5	2.25	\$240.08	79.8%	80.0%	\$153.26	\$73.70	\$226.97	\$33.19
UG3-M	UG	Disconnection		Metro	\$166.67	1.5	2.25	\$375.01	79.8%	5.0%	\$14.96	\$7.20	\$22.16	\$1.85
OPC-D	UG	Disconnection		District	\$71.26	1.5	2.25	\$160.34	20.2%	100.0%	\$32.39	\$15.58	\$47.96	\$17.25
													<b>\$325.51</b>	<b>\$62.51</b>
OPC-M	URD	Disconnection	Scheduled	Metro	\$71.26	1	1.50	\$106.89	79.9%	90.0%	\$76.86	\$36.96	\$113.83	\$40.95
SL2-M	URD	Disconnection		Metro	\$106.70	1	1.50	\$160.05	79.9%	10.0%	\$12.79	\$6.15	\$18.94	\$2.77
OPC-D	URD	Disconnection		District	\$71.26	1	1.50	\$106.89	20.1%	100.0%	\$21.48	\$10.33	\$31.82	\$11.45
													<b>\$164.58</b>	<b>\$55.16</b>
OPC-M	OH	Emergency Response	Emergency	Metro	\$71.26	1.5	2.25	\$160.34	63.0%	80.0%	\$80.81	\$38.86	\$119.67	\$43.05
SL2-M	OH	Emergency Response		Metro	\$106.70	1.5	2.25	\$240.08	63.0%	10.0%	\$15.12	\$7.27	\$22.40	\$3.27
TC2-M	OH	Emergency Response		Metro	\$141.75	1.5	2.25	\$318.94	63.0%	10.0%	\$20.09	\$9.66	\$29.76	\$2.03
LC2-D	OH	Emergency Response		District	\$119.50	1.5	2.25	\$268.88	37.0%	20.0%	\$19.90	\$9.57	\$29.47	\$2.39
OPC-D	OH	Emergency Response	Emergency	District	\$71.26	1.5	2.25	\$160.34	37.0%	80.0%	\$47.46	\$22.82	\$70.28	\$25.28
													<b>\$271.57</b>	<b>\$76.03</b>
OPC-M	UG	Emergency Response		Metro	\$71.26	2	3.00	\$213.78	79.8%	75.0%	\$127.95	\$61.53	\$189.48	\$68.16
SL2-M	UG	Emergency Response		Metro	\$106.70	2	3.00	\$320.10	79.8%	15.0%	\$38.32	\$18.43	\$56.74	\$8.30
TC2-M	UG	Emergency Response	Emergency	Metro	\$141.75	2	3.00	\$425.25	79.8%	5.0%	\$16.97	\$8.16	\$25.13	\$1.72
UG3-M	UG	Emergency Response		Metro	\$166.67	2	3.00	\$500.01	79.8%	5.0%	\$19.95	\$9.59	\$29.54	\$2.46
LC2-D	UG	Emergency Response		District	\$119.50	2.5	3.75	\$448.13	20.2%	15.0%	\$13.58	\$6.53	\$20.11	\$1.63
OPC-D	UG	Emergency Response		District	\$71.26	2.5	3.75	\$267.23	20.2%	85.0%	\$45.88	\$22.06	\$67.95	\$24.44
													<b>\$388.95</b>	<b>\$106.71</b>
OPC-M	URD	Emergency Response	Emergency	Metro	\$71.26	2	3.00	\$213.78	79.9%	80.0%	\$136.65	\$65.71	\$202.36	\$72.80
SL2-M	URD	Emergency Response		Metro	\$106.70	2	3.00	\$320.10	79.9%	15.0%	\$38.36	\$18.45	\$56.81	\$8.31
TC2-M	URD	Emergency Response		Metro	\$141.75	2	3.00	\$425.25	79.9%	5.0%	\$16.99	\$8.17	\$25.16	\$1.72
LC2-D	URD	Emergency Response		District	\$119.50	2.5	3.75	\$448.13	20.1%	15.0%	\$13.51	\$6.50	\$20.01	\$1.62
OPC-D	URD	Emergency Response	Emergency	District	\$71.26	2.5	3.75	\$267.23	20.1%	85.0%	\$45.66	\$21.96	\$67.61	\$24.32
													<b>\$371.95</b>	<b>\$108.77</b>

Column Reference:

- (1) The reference to Company designated Field Operations labor crew compliment generally used to perform the activity function within varied Operating Centers within the service territory
- (2) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (3) The description reference of the typical street light Activity performed.
- (4) The status represents the nature and associated timing of the requested Activity.
- (5) The generalized reference providing a consolidated representation of the Company's numerous crew facilities utilizing varied crew compliments within the service territory to perform the designated Activity.
- (6) The aggregate hourly labor rate for the designated Crew Compliment.
- (7) The estimated on-site time to perform the designated Activity.
- (8) The Crew Time adjusted by a Company complexity factor (1.5) to address additional time spent associated with travel, safety, site preparation and breakdown. [(7)\*1.5]
- (9) The Crew Labor Rate multiplied by the Direct Crew Time for the designated Activity. [(6)\*(8)]
- (10) The distribution percentage of the designated Activity (3) assigned to the respective Operations Center Reference (5) based upon in-service customer luminaire applications.
- (11) The estimated distribution percentage of the specific Crew Compliment (1) utilization within the designated Operations Center Reference (5) for the defined Activity (3).
- (12) The Labor Cost of the specific Crew Compliment (1) performing the Activity (3) as a weighted function of the Luminaire Distribution (10) and Crew Utilization (11). [(9)\*(10)\*(11)]
- (13) The application of current overhead burdens to the factored Labor Cost (12). [(12)\*(Labor Overhead %)]

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## P.S.C. No. 214 ELECTRICITY

## Development of Lighting Service Charges

## Service Classifications Nos. 2 &amp; 3

## Operations Center Luminaire Distribution

NMPC Service Region	NMPC Operations Center	Operations Center Reference	Service Classification No. 2				Service Classification No. 3			
			Luminaire Count (All)	Luminaire Count (OH)	Luminaire Count (UG)	Luminaire Count (URD)	Luminaire Count (All)	Luminaire Count (OH)	Luminaire Count (UG)	Luminaire Count (URD)
			(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
48 Frontier	001-Buffalo	Metro	40,738	18,741	21,289	708	20,243	5,556	11,028	3,659
48 Frontier	003-Niagara Falls	District	8,537	7,245	1,052	240	357	160	69	128
50 Western	004-Batavia	District	5,352	4,906	130	316	722	572	150	-
50 Western	005-Avon	District	349	320	-	29	728	533	77	118
50 Western	006-Albion/Medina	District	1,420	1,297	12	111	1,022	911	44	67
50 Western	007-Angola	District	2,414	2,210	13	191	2,876	2,192	355	329
50 Western	008-Dunkirk/Fredoni	District	549	549	-	-	2,218	1,911	233	74
50 Western	009-Lakewood/Stow	District	1,879	1,844	27	8	316	249	45	22
50 Western	010-Olean	District	3,633	3,408	193	32	43	14	29	-
54 Central	011-Syracuse	Metro	16,880	11,733	771	4,376	23,414	16,944	5,534	936
54 Central	012-Cortland	District	482	468	3	11	2,360	1,905	321	134
57 Northern	013-Watertown	District	1,556	1,487	17	52	-	-	-	-
54 Central	014-Fulton/Volney	District	1,929	1,730	110	89	96	-	96	-
54 Central	015-Oswego	District	3,855	2,955	629	271	63	-	63	-
54 Central	016-Pulaski	District	871	839	12	20	27	-	27	-
56 Mohawk Valley	017-Utica	Metro	3,608	3,357	193	58	8,555	6,598	1,832	125
56 Mohawk Valley	018-Rome	District	856	732	87	37	3,433	2,867	520	46
56 Mohawk Valley	019-Herkimer	District	1,591	1,350	225	16	810	676	134	-
56 Mohawk Valley	020-Oneida	District	1,488	1,368	29	91	964	801	134	29
57 Northern	022-Carthage	District	571	543	28	-	481	440	27	14
57 Northern	023-Lowville	District	498	488	4	6	600	571	12	17
57 Northern	024-Saranac Lake	District	882	799	80	3	4	-	4	-
57 Northern	025-Potsdam	District	2,307	2,205	88	14	386	364	14	8
57 Northern	026-Clayton	District	727	669	54	4	2	2	-	-
57 Northern	027-Malone	District	1,356	1,354	2	-	80	76	4	-
57 Northern	028-Ogdensburg	District	1,428	1,325	66	37	14	7	7	-
57 Northern	029-Gouverneur	District	398	398	-	-	59	59	-	-
60 Capital	030-Albany	Metro	6,494	5,254	1,041	199	14,550	9,050	5,121	379
60 Capital	031-Troy	District	2,984	2,628	329	27	6,409	4,292	1,999	118
60 Capital	032-Schenectady	District	7,427	6,620	784	23	1,530	1,063	426	41
60 Capital	033-Hudson	District	2,343	1,980	300	63	22	-	12	10
62 Northeast	034-Amsterdam	District	126	126	-	-	3	1	2	-
62 Northeast	035-Gloversville	District	5,596	4,933	538	125	1,781	1,542	239	-
62 Northeast	037-Cobleskill	District	1,423	1,375	44	4	130	130	-	-
62 Northeast	038-Glens Falls	District	4,584	4,152	262	170	1,435	1,006	412	17
62 Northeast	039-Saratoga	District	3,729	3,402	137	190	622	32	479	111
62 Northeast	040-Warrensburg	District	2,029	1,939	40	50	4	-	4	-
62 Northeast	041-Ticonderoga	District	1,912	1,861	48	3	7	-	7	-
<b>Grand Total</b>			<b>144,801</b>	<b>108,590</b>	<b>28,637</b>	<b>7,574</b>	<b>96,366</b>	<b>60,524</b>	<b>29,460</b>	<b>6,382</b>

## Column Reference:

- (1) Service Region designations as defined by NMPC as of 1/1/2024
- (2) Operation Center designations as defined by NMPC as of 1/1/2024
- (3) Operations Center Reference Based Upon Existence of Network UG Distribution System and Crew Designations
- (4) Luminaire Count (All) per NG CSS-OL Billing Inventory for PSC 214 - SC2 as of 1/1/2024
- (5) Luminaire Count (OH) per NG CSS-OL Billing Inventory for PSC 214 - SC2 as of 1/1/2024
- (6) Luminaire Count (UG) per NG CSS-OL Billing Inventory for PSC 214 - SC2 as of 1/1/2024
- (7) Luminaire Count (URD) per NG CSS-OL Billing Inventory for PSC 214 - SC2 as of 1/1/2024
- (8) Luminaire Count (All) per NG CSS-OL Billing Inventory for PSC 214 - SC3 as of 1/1/2024
- (9) Luminaire Count (OH) per NG CSS-OL Billing Inventory for PSC 214 - SC3 as of 1/1/2024
- (10) Luminaire Count (UG) per NG CSS-OL Billing Inventory for PSC 214 - SC3 as of 1/1/2024
- (11) Luminaire Count (URD) per NG CSS-OL Billing Inventory for PSC 214 - SC3 as of 1/1/2024

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Development of Customer Service Charges  
 Service Classifications Nos. 2 & 3  
 Operations Center Luminaire Count and Percentage by Source Type

	Service Classification No. 2				Service Classification No. 3			
	Total	OH	UG	URD	Total	OH	UG	URD
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
<b>(A) Operations Center Luminaire Count by Source Type</b>								
Metro	67,720	39,085	23,294	5,341	66,762	38,148	23,515	5,099
District	77,081	69,505	5,343	2,233	29,604	22,376	5,945	1,283
Total	144,801	108,590	28,637	7,574	96,366	60,524	29,460	6,382
<b>(B) Operations Center Luminaire Percentage by Source Type</b>								
Metro	46.8%	36.0%	81.3%	70.5%	69.3%	63.0%	79.8%	79.9%
District	53.2%	64.0%	18.7%	29.5%	30.7%	37.0%	20.2%	20.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Luminaire Source	100.0%	75.0%	19.8%	5.2%	100.0%	62.8%	30.6%	6.6%

Column Reference:

- (12) A Sum of SC2 Luminaire Count (4) by Operations Center Reference as of 1/1/2024  
 (12) B Percentage of the Sum of SC2 Luminaire Count (4) by Operations Center Reference / Total Sum of Luminaire Count  
 (13) A Sum of SC2 OH Luminaire Count (5) by Operations Center Reference as of 1/1/2024  
 (13) B Percentage of the Sum of SC2 OH Luminaire Count (5) by Operations Center Reference / Total Sum of Luminaire Count  
 (14) A Sum of SC2 UG Luminaire Count (6) by Operations Center Reference as of 1/1/2024  
 (14) B Percentage of the Sum of SC2 UG Luminaire Count (6) by Operations Center Reference / Total Sum of Luminaire Count  
 (15) A Sum of SC2 URD Luminaire Count (7) by Operations Center Reference as of 1/1/2024  
 (15) B Percentage of the Sum of SC2 URD Luminaire Count (7) by Operations Center Reference / Total Sum of Luminaire Count  
 (16) A Sum of SC3 Luminaire Count (8) by Operations Center Reference as of 1/1/2024  
 (16) B Percentage of the Sum of SC3 Luminaire Count (8) by Operations Center Reference / Total Sum of Luminaire Count  
 (17) A Sum of SC3 OH Luminaire Count (9) by Operations Center Reference as of 1/1/2024  
 (17) B Percentage of the Sum of SC3 OH Luminaire Count (10) by Operations Center Reference / Total Sum of Luminaire Count  
 (18) A Sum of SC3 UG Luminaire Count (10) by Operations Center Reference as of 1/1/2024  
 (18) B Percentage of the Sum of SC3 UG Luminaire Count (10) by Operations Center Reference / Total Sum of Luminaire Count  
 (19) A Sum of SC3 URD Luminaire Count (11) by Operations Center Reference as of 1/1/2024  
 (19) B Percentage of the Sum of SC3 URD Luminaire Count (11) by Operations Center Reference / Total Sum of Luminaire Count



## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

P.S.C. No. 214 ELECTRICITY

Development of Lighting Service Charges

Service Classifications No. 2 &amp; 3

Company Crew Wrench Time Application

Street Light Source Description	Operations Center Reference	Application	Crew Wrench Time Application Rate (%)	Scheduled Response						Emergency Response			
				Investigation/Inspection		Connection/Reconnection		Disconnection		(Normal Hours)		(After Hours)	
				Crew	Wrench Time (Hrs)	Crew	Wrench Time (Hrs)	Crew	Wrench Time (Hrs)	Crew	Wrench Time (Hrs)	Crew	Wrench Time (Hrs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
OH Aerial (Streetside)	Metro	OH	80%	OPC-M	1	OPC-M	1	OPC-M	1	OPC-M	1	TC2-M	1.5
				LC2-M	1	LC2-M	1	LC2-M	1	LC2-M	1		
				SL2-M	1	SL2-M	1	SL2-M	1	SL2-M	1		
OH Aerial (Rearlot)	Metro	OH	20%	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	TC2-M	2
				LC2-M	1.5	LC2-M	1.5	LC2-M	1.5	LC2-M	1.5		
				SL2-M	1.5	SL2-M	1.5	SL2-M	1.5	SL2-M	1.5		
OH Summary	Metro	OH		OPC-M	1.1	OPC-M	1.1	OPC-M	1.1	OPC-M	1.1	TC2-M	1.6
				LC2-M	1.1	LC2-M	1.1	LC2-M	1.1	LC2-M	1.1		
				SL2-M	1.1	SL2-M	1.1	SL2-M	1.1	SL2-M	1.1		
OH Aerial (Streetside)	District	OH	90%	OPC-D	1	OPC-D	1	OPC-D	1	OPC-D	1	TC2-D	1.5
OH Aerial (Rearlot)	District	OH	10%	OPC-D	1	OPC-D	1	OPC-D	1	OPC-D	1.5	TC2-D	2
OH Summary	District	OH		OPC-D	1	OPC-D	1	OPC-D	1	OPC-D	1.1	TC2-D	1.6
UG SL Handhole/Junction Box	Metro	UG	80%	OPC-M	1	OPC-M	1	OPC-M	1	OPC-M	1	TC2-M	1.5
				SL2-M	1	SL2-M	1	SL2-M	1	SL2-M	1		
				SL2-M	1	SL2-M	1	SL2-M	1	SL2-M	1		
UG Network Vault/Manhole/Primary Handhole	Metro	UG	20%	LC2-M	2	LC2-M	2	LC2-M	2	LC2-M	2	TC2-M	2.5
				SL2-M	2	SL2-M	2	SL2-M	2	SL2-M	2		
				UG3-M	2	UG3-M	2	UG3-M	2	UG3-M	2		
UG Summary	Metro	UG		OPC-M	1	OPC-M	1	OPC-M	1	OPC-M	1	TC2-M	1.7
				SL2-M	1.2	SL2-M	1.2	SL2-M	1.2	SL2-M	1.2		
				LC2-M	2	LC2-M	2	LC2-M	2	LC2-M	2		
UG SL Handhole/Junction Box	District	UG	95%	OPC-D	1	OPC-D	1	OPC-D	1	OPC-D	1	TC2-D	1.5
UG Network Vault/Manhole/Primary Handhole	District	UG	5%	LC2-D	1.5	LC2-D	1.5	LC2-D	1.5	LC2-D	1.5	TC2-D	2
UG Summary	District	UG		OPC-D	1	OPC-D	1	OPC-D	1	OPC-D	1	TC2-D	1.5
				LC2-D	1.5	LC2-D	1.5	LC2-D	1.5	LC2-D	1.5		
URD Transformer	Metro	URD	30%	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	TC2-M	2
				SL2-M	1.5	SL2-M	1.5	SL2-M	1.5	SL2-M	1.5		
				OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	TC2-M	2
URD Handhole/Junction Box	Metro	URD	70%	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	TC2-M	2
				SL2-M	1.5	SL2-M	1.5	SL2-M	1.5	SL2-M	1.5		
				OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	TC2-M	2
URD Summary	Metro	URD		OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	OPC-M	1.5	TC2-M	2
				SL2-M	1.5	SL2-M	1.5	SL2-M	1.5	SL2-M	1.5		
				OPC-D	1.5	OPC-D	1.5	OPC-D	1.5	OPC-D	1.5	TC2-D	2
URD Transformer	District	URD	30%	OPC-D	1.5	OPC-D	1.5	OPC-D	1.5	OPC-D	1.5	TC2-D	2
URD Handhole/Junction Box	District	URD	70%	LC2-D	1.5	LC2-D	1.5	LC2-D	1.5	LC2-D	1.5	TC2-D	2
URD Summary	District	URD		OPC-D	1.5	OPC-D	1.5	OPC-D	1.5	OPC-D	1.5	TC2-D	2
				LC2-D	1.5	LC2-D	1.5	LC2-D	1.5	LC2-D	1.5		

## Column Reference:

- (1) General street light assembly electric circuit type and source reference.
- (2) The generalized reference providing a consolidated representation of the Company's numerous crew facilities utilizing varied crew compliments within the service territory to perform the designated Activity.
- (3) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (4) The estimated application percentage of Crew Wrench Time for the specified street light source description.
- (5) The Field Operations crew reference designation to address the Investigation/Inspection Scheduled Response for the street light Application within the referenced Operations Center.
- (6) The estimated average actual job site time (wrench time) to address the Investigation/Inspection Scheduled Response for the street light Application within the referenced Operations Center.
- (7) The Field Operations crew reference designation to address the Connection/Reconnection Scheduled Response for the street light Application within the referenced Operations Center.
- (8) The estimated average actual job site time (wrench time) to address the Connection/Reconnection Scheduled Response for the street light Application within the referenced Operations Center.
- (9) The Field Operations crew reference designation to address the Disconnection Scheduled Response for the street light Application within the referenced Operations Center.
- (10) The estimated average actual job site time (wrench time) to address the Disconnection Scheduled Response for the street light Application within the referenced Operations Center.
- (11) The Field Operations crew reference designation to address the Normal Hours Emergency Response for the street light Application within the referenced Operations Center.
- (12) The estimated average actual job site time (wrench time) to address the Normal Hours Emergency Response for the street light Application within the referenced Operations Center.
- (13) The Field Operations crew reference designation to address the After Hours Emergency Response for the street light Application within the referenced Operations Center.
- (14) The estimated average actual job site time (wrench time) to address the After Hours Emergency Response for the street light Application within the referenced Operations Center.

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Development of Lighting Service Charges  
 Service Classifications No. 2 & 3  
 Company Represented Labor Rates

**Field Operations Job Position Hourly Labor Rates**

Job Title Reference	Job Title	Grade	Step	Hourly Wage Rate			
				Effective (3/30/2025)	Effective (3/29/2026)	Effective (4/4/2027)	
				Rate Year	Data Year 1	Data Year 2	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
CS-1	Cable Splicer A	13	2	\$39.42	\$40.60	\$42.02	
CS-2	Cable Splicer B	16	2	\$44.71	\$46.05	\$47.66	
CS-3	Cable Splicer C	20	2	\$53.25	\$54.85	\$56.77	
CS-4	Chief Cable Splicer A	22	2	\$58.39	\$60.14	\$62.24	
HS-1	Line Mechanic-Hot Stick	20	7	\$61.05	\$62.88	\$65.08	
HS-2	Chief Line Mech A Htstick	27	2	\$66.84	\$68.85	\$71.26	
HS-3	Chief Line Mech B Htstick	24	2	\$63.61	\$65.52	\$67.81	
HS-4	Trouble Mech A Hot Stick	21	2	\$55.85	\$57.53	\$59.54	
HS-5	Trouble Mech B Hot Stick	23	2	\$60.88	\$62.71	\$64.90	
HS-6	Trouble Mech C Hot Stick	26	2	\$63.64	\$65.55	\$67.84	
HS-7	Trouble Mech D Hot Stick	28	2	\$69.33	\$71.41	\$73.91	
LM-1	Line Mechanic B	16	2	\$44.71	\$46.05	\$47.66	
LM-2	Line Mechanic C	19	2	\$51.22	\$52.76	\$54.61	
LM-3	Chief Line Mechanic A	29	2	\$60.87	\$62.70	\$64.89	
SL-1	Street Light Serv Mech A	13	2	\$39.42	\$40.60	\$42.02	
SL-2	Street Light Serv Mech B	16	2	\$44.71	\$46.05	\$47.66	
SL-3	Street Light Serv Mech C	19	2	\$51.22	\$52.76	\$54.61	
SL-4	Chief St Lgt Serv Mech A	18	2	\$48.86	\$50.33	\$52.09	
TM-1	One Person Line/Tbl Mechanic	27	2	\$66.84	\$68.85	\$71.26	

Column Reference:

- (1) Company designated Operations job title reference code for Exhibit Application Only.
- (2) Job title reference per the IBEW Local 97 "Contract Book".
- (3) Job title pay grade reference per the IBEW Local 97 "Contract Book".
- (4) Job title pay grade normal applicable step per the IBEW Local 97 "Contract Book".
- (5) The job title hourly pay rate for the applicable grade/step as per the IBEW Local 97, Hourly Wage Rates Effective 3/30/2025.
- (6) The job title hourly pay rate for the applicable grade/step as per the IBEW Local 97, Hourly Wage Rates Effective 3/29/2026
- (7) The job title hourly pay rate for the applicable grade/step as per the IBEW Local 97, Hourly Wage Rates Effective 4/04/2027

**Crew Compliment Labor Cost**

Crew Compliment Description	Crew Compliment Reference	Crew Compliment Job Title Ref.			Hourly Wage Rate			
					Effective (3/30/2025)	Effective (3/29/2026)	Effective (4/4/2027)	
					Rate Year	Data Year 1	Data Year 2	
(9)	(10)	(11)			(12)	(13)	(14)	
Line crew, Two person - District	LC2-D	LM-3	LM-2		\$112.09	\$115.46	\$119.50	
Line crew, Two person - Metro	LC2-M	LM-3	LM-2		\$112.09	\$115.46	\$119.50	
Line crew, Three person - Metro	LC3-M	LM-3	LM-2	LM-1	\$156.80	\$161.51	\$167.16	
Line crew (OPC), One person - District	OPC-D	TM-1			\$66.84	\$68.85	\$71.26	
Line crew (OPC), One person - Metro	OPC-M	TM-1			\$66.84	\$68.85	\$71.26	
Street Light crew, Two person - Metro	SL2-M	SL-4	SL-3		\$100.08	\$103.09	\$106.70	
Line crew (Trouble), Two person - District	TC2-D	HS-7	HS-6		\$132.97	\$136.96	\$141.75	
Line crew (Trouble), Two person - Metro	TC2-M	HS-7	HS-6		\$132.97	\$136.96	\$141.75	
UG Cable crew, Three person - Metro	UG3-M	CS-4	CS-3	CS-2	\$156.35	\$161.04	\$166.67	

Column Reference:

- (9) General Crew Compliment description for Exhibit Application Only.
- (10) Crew Compliment description reference code for Exhibit Application Only.
- (11) Crew Compliment composition by individual Job Title References (1).
- (12) Sum of individual Job Title References (1) pay grade/step hourly rates (5) for Rate Year 1 comprised in the Crew Compliment (10).
- (13) Sum of individual Job Title References (1) pay grade/step hourly rates (6) for Rate Year 2 comprised in the Crew Compliment (10).
- (14) Sum of individual Job Title References (1) pay grade/step hourly rates (7) for Rate Year 3 comprised in the Crew Compliment (10).

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Development of Lighting Service Charges  
 Service Classifications No. 2 & 3  
 Material Costs

Material Description	Application	Qty	Material Item Cost (\$)	Sales Tax (\$)	Stores Handling (\$)	Material Cost Subtotal (\$)	Inflation Adjusted Total Material Cost (\$)		
							Rate Year	Data Year 1	Data Year 2
							5.46%	2.34%	2.18%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>Investigation/Inspection:</b>									
Impressed Stock:	OH								
Electrical Tape 3/4"		1	\$2.31	\$0.18	\$0.40	\$2.89	\$3.05	\$3.12	\$3.19
Electric Vinyl Tape 1-1/2"		1	\$5.05	\$0.40	\$0.87	\$6.32	\$6.67	\$6.83	\$6.98
Duct Seal		1	\$18.39	\$1.47	\$3.18	\$23.04	\$24.30	\$24.87	\$25.41
Corrosion Inhibitor		1	\$12.25	\$0.98	\$2.12	\$15.35	\$16.19	\$16.57	\$16.93
Staples		6	\$0.12	\$0.01	\$0.02	\$0.90	\$0.95	\$0.97	\$0.99
Staples		6	\$0.30	\$0.02	\$0.05	\$2.22	\$2.34	\$2.39	\$2.44
Subtotal Average	OH						\$8.92	\$9.13	\$9.32
Traffic Safety Cone	UG/URD	1	\$14.54	\$1.16	\$2.51	\$18.21	\$19.20	\$19.65	\$20.08
Handhole Cover (Angel-Guard)	UG/URD	1	\$15.65	\$1.25	\$2.70	\$19.60	\$20.67	\$21.15	\$21.61
Impressed Stock:	UG/URD								
Electrical Tape 3/4"		1	\$2.31	\$0.18	\$0.40	\$2.89	\$3.05	\$3.12	\$3.19
Electric Vinyl Tape 1-1/2"		1	\$5.05	\$0.40	\$0.87	\$6.32	\$6.67	\$6.83	\$6.98
Duct Seal		1	\$18.39	\$1.47	\$3.18	\$23.04	\$24.30	\$24.87	\$25.41
Corrosion Inhibitor		1	\$12.25	\$0.98	\$2.12	\$15.35	\$16.19	\$16.57	\$16.93
Staples		6	\$0.12	\$0.01	\$0.02	\$0.90	\$0.95	\$0.97	\$0.99
Staples		6	\$0.30	\$0.02	\$0.05	\$2.22	\$2.34	\$2.39	\$2.44
Subtotal Average	UG/URD						\$11.67	\$11.94	\$12.20
<b>Connection/Reconnection:</b>									
Connector, C-Type Compression Tap	OH	2	\$0.72	\$0.06	\$0.12	\$1.80	\$1.90	\$1.94	\$1.98
Compression Crimp Connector (Large)	OH	2	\$0.74	\$0.06	\$0.13	\$1.86	\$1.96	\$2.01	\$2.05
Compression Crimp Connector (Small)	OH	2	\$18.21	\$1.46	\$3.15	\$45.64	\$48.13	\$49.26	\$50.33
Wire 1/C-#10	OH	10	\$0.22	\$0.02	\$0.04	\$2.77	\$2.92	\$2.99	\$3.06
Wire 1/C#10 GRN Ground	OH	10	\$0.35	\$0.03	\$0.06	\$4.35	\$4.59	\$4.70	\$4.80
Impressed Stock:	OH								
Electrical Tape 3/4"		1	\$2.31	\$0.18	\$0.40	\$2.89	\$3.05	\$3.12	\$3.19
Electric Vinyl Tape 1-1/2"		1	\$5.05	\$0.40	\$0.87	\$6.32	\$6.67	\$6.83	\$6.98
Duct Seal		1	\$18.39	\$1.47	\$3.18	\$23.04	\$24.30	\$24.87	\$25.41
Corrosion Inhibitor		1	\$12.25	\$0.98	\$2.12	\$15.35	\$16.19	\$16.57	\$16.93
Staples		6	\$0.12	\$0.01	\$0.02	\$0.90	\$0.95	\$0.97	\$0.99
Staples		6	\$0.30	\$0.02	\$0.05	\$2.22	\$2.34	\$2.39	\$2.44
Subtotal Average	OH						\$10.27	\$10.51	\$10.74
Impressed Stock:	UG/URD								
Mechanical Conductor Connector		2	\$0.51	\$0.04	\$0.09	\$1.28	\$1.35	\$1.38	\$1.41
Cable Splice #6		2	\$46.34	\$3.71	\$8.01	\$116.12	\$122.46	\$125.32	\$128.05
Cable Splice #4		2	\$33.60	\$2.69	\$5.81	\$84.20	\$88.80	\$90.88	\$92.86
Cable Splice #2		2	\$22.74	\$1.82	\$3.93	\$56.98	\$60.09	\$61.50	\$62.84
Fuse 40A		1	\$7.03	\$0.56	\$1.21	\$8.80	\$9.28	\$9.50	\$9.71
Fuse 60A		1	\$6.36	\$0.51	\$1.10	\$7.97	\$8.41	\$8.61	\$8.80
Fuse 80A		1	\$15.91	\$1.27	\$2.75	\$19.93	\$21.02	\$21.51	\$21.98
Fuse 100A		1	\$9.79	\$0.78	\$1.69	\$12.26	\$12.93	\$13.23	\$13.52
Bonding Connector		1	\$1.20	\$0.10	\$0.21	\$1.51	\$1.59	\$1.63	\$1.67
Wire 1/C-#10		10	\$0.22	\$0.02	\$0.04	\$2.77	\$2.92	\$2.99	\$3.06
Wire 1/C#10 GRN Ground		10	\$0.35	\$0.03	\$0.06	\$4.35	\$4.59	\$4.70	\$4.80
Connector, Street Light, with Cover/Seal		2	\$22.19	\$1.78	\$3.84	\$55.62	\$58.66	\$60.03	\$61.34
Ground Rod Connector		1	\$1.94	\$0.16	\$0.34	\$2.44	\$2.57	\$2.63	\$2.69
Single Fuse Holder		1	\$15.46	\$1.24	\$2.67	\$19.37	\$20.43	\$20.91	\$21.36
Fuse 10A		1	\$2.89	\$0.23	\$0.50	\$3.62	\$3.82	\$3.91	\$4.00
Fuse 20A		1	\$6.66	\$0.53	\$1.15	\$8.34	\$8.80	\$9.01	\$9.21

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Development of Lighting Service Charges  
 Service Classifications No. 2 & 3  
 Material Costs

Material Description	Application	Qty	Material Item Cost (\$)	Sales Tax (\$)	Stores Handling (\$)	Material Cost Subtotal (\$)	Inflation Adjusted Total Material Cost (\$)		
							Rate Year	Data Year 1	Data Year 2
							5.46%	2.34%	2.18%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Connection/Reconnection (continued):									
Impressed Stock:	UG/URD								
Electrical Tape 3/4"		1	\$2.31	\$0.18	\$0.40	\$2.89	\$3.05	\$3.12	\$3.19
Electric Vinyl Tape 1-1/2"		1	\$5.05	\$0.40	\$0.87	\$6.32	\$6.67	\$6.83	\$6.98
Duct Seal		1	\$18.39	\$1.47	\$3.18	\$23.04	\$24.30	\$24.87	\$25.41
Corrosion Inhibitor		1	\$12.25	\$0.98	\$2.12	\$15.35	\$16.19	\$16.57	\$16.93
Staples		6	\$0.12	\$0.01	\$0.02	\$0.90	\$0.95	\$0.97	\$0.99
Staples		6	\$0.30	\$0.02	\$0.05	\$2.22	\$2.34	\$2.39	\$2.44
Subtotal Average	UG/URD						\$21.87	\$22.39	\$22.87
Disconnection:									
Impressed Stock:	OH/UG/URD								
Electrical Tape 3/4"		1	\$2.31	\$0.18	\$0.40	\$2.89	\$3.05	\$3.12	\$3.19
Electric Vinyl Tape 1-1/2"		1	\$5.05	\$0.40	\$0.87	\$6.32	\$6.67	\$6.83	\$6.98
Duct Seal		1	\$18.39	\$1.47	\$3.18	\$23.04	\$24.30	\$24.87	\$25.41
Corrosion Inhibitor		1	\$12.25	\$0.98	\$2.12	\$15.35	\$16.19	\$16.57	\$16.93
Staples		6	\$0.12	\$0.01	\$0.02	\$0.90	\$0.95	\$0.97	\$0.99
Staples		6	\$0.30	\$0.02	\$0.05	\$2.22	\$2.34	\$2.39	\$2.44
Subtotal Average	OH/UG/URD						\$8.92	\$9.13	\$9.32

## Column Reference:

- (1) Material description per Activity Description.
- (2) The general reference of the street light assembly construction orientation and associated electric circuitry source.
- (3) Quantity of material item to be consumed per Activity Description.
- (4) Purchase cost of individual material item as of available procurement information.
- (5) Company established average Sales Tax applied to Material Item Cost. [(4)\*(Sales Tax Rate)]
- (6) Company material management Stores Handling overhead applied to Material Item Cost. [(4)\*(Stores Handling Rate)]
- (7) Sum of Material Item Cost (4) and Sales Tax (5) and Stores Handling (6) overhead costs. [Σ(4:6)]
- (8) Material Cost Subtotal (7) adjusted for the estimated Rate Year 1 Inflation rate. [(7)\*(1+Inflation Rate)]
- (9) Adjusted Material Cost for Rate Year 1 (8) adjusted for the estimated Rate Year 2 Inflation rate. [(8)\*(1+Inflation Rate)]
- (10) Adjusted Material Cost for Rate Year 2 (9) adjusted for the estimated Rate Year 3 Inflation rate. [(9)\*(1+Inflation Rate)]

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

**P.S.C. No. 214 ELECTRICITY**

**Development of Lighting Service Charges**

**Service Classifications No. 2 & 3**

**Transportation Costs**

Crew Compliment Reference	Vehicle Description	Fleet Vehicle Reference	Vehicle Hourly Rate (\$)			
			Test Year	Rate Year	Data Year 1	Data Year 2
				Inflation Rate		
				5.46%	2.34%	2.18%
(1)	(2)	(3)	(4)	(5)	(6)	(7)
LC2-D	Aerial Bucket	AER-MH4	\$13.01	\$13.72	\$14.04	\$14.35
LC2-M	Aerial Bucket	AER-MH4	\$13.01	\$13.72	\$14.04	\$14.35
OPC-D	Aerial Bucket	AER-TA1	\$34.43	\$36.31	\$37.16	\$37.96
OPC-M	Aerial Bucket	AER-TA1	\$34.43	\$36.31	\$37.16	\$37.96
SL2-M	Aerial Bucket	AER-LD	\$20.95	\$22.09	\$22.61	\$23.10
TC2-M	Aerial Bucket	AER-MH4	\$13.01	\$13.72	\$14.04	\$14.35
UG3-M	Van-Walkin (Medium Duty)	WLKVAN-MD	\$18.64	\$19.66	\$20.12	\$20.56

**Column Reference:**

- (1) The reference to Field Operations labor crew compliment generally used to perform a Activity function.
- (2) Company vehicle description from Company Fleet Vehicle Rate Reference Document - 2023.
- (3) Company vehicle classification reference from Company Fleet Vehicle Rate Reference Document - 2023.
- (4) Company Fleet Vehicle Rates - 2023.
- (5) Company Fleet Vehicle Rates adjusted for inflation. [(4)\*(1+Inflation Rate)]
- (6) Company Fleet Vehicle Rates adjusted for inflation. [(5)\*(1+Inflation Rate)]
- (7) Company Fleet Vehicle Rates adjusted for inflation. [(6)\*(1+Inflation Rate)]

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 P.S.C. No. 214 ELECTRICITY  
 Development of Lighting Service Charges  
 Service Classifications No. 2 & 3  
 Burden Rates

Burden Rate Reference	Burden Rate Description	Burden Rate
Sales Tax Rate	New York State Sales Tax rate	8.00%
Stores Handling	Materials management control, stocking, delivery	16.00%
Labor Overhead Rate (Non-Management)	Benefits/Insurance/Taxes: 401K, Insurance, Healthcare, OPEB, Payroll Tax, Pension, Workers Compensation Bonus Accruals: Variable Pay Time Not Worked: Vacation, Holidays	48.09%
Labor Complexity Factor	Nonproductive Time - Travel, Job Review, Safety, etc	1.5
Administrative & General Overhead	General corporate service functions	14.65%
Inflation Factor - See Appendix 1, Schedule 1	Rate Year 1	5.462%
	Rate Year 2	2.339%
	Rate Year 3	2.175%

## NMPC Electric Revenue Decoupling Mechanism (RDM)

Service Class	Annual Target Delivery Revenues - RY1 Compressed
SC-1	\$1,302,289,469
SC-1C	\$12,151,655
SC-2 Non-demand	\$105,670,283
SC-2 Demand	\$250,900,989
SC-3 Secondary	\$176,958,851
SC-3 Primary	\$61,011,568
SC3 Subtransmission/Transmission	\$10,171,536
SC3A Secondary/Primary	\$39,848,639
SC3A Subtransmission	\$21,028,997
SC3A Transmission	\$70,592,276
Lighting	\$37,950,854
Total	\$2,088,575,117

Notes:

- (1) Annual Target Delivery Revenues are the sum of the April 2025 'Present Rates,' the May 2025-Aug 2025 'Revenue to Recover at Current Rates,' and the Sep 2025-Mar 2026 'Revenue to Recover at New Rates' Columns for Rate Year 1 Ending March 31, 2026 per Appendix 2, Schedule 3C, Pages 3 and 6.
- (2) Annual Target Delivery Revenues are the sum of the proposed Customer Charge, kWh Revenue, kW Revenue, ETIP Credit (NYPA), and kVA Revenue.
- (3) Lighting Revenue is from Appendix 2, Schedule 8.1.1, Page 2.

**NMPC Electric Revenue Decoupling Mechanism (RDM)**

Service Class	Annual Target Delivery Revenues - RY2 Including a Portion of RY1 Compression
SC-1	\$1,512,921,532
SC-1C	\$13,949,145
SC-2 Non-demand	\$122,805,761
SC-2 Demand	\$291,522,845
SC-3 Secondary	\$205,671,147
SC-3 Primary	\$70,993,972
SC3 Subtransmission/Transmission	\$11,858,219
SC3A Secondary/Primary	\$46,295,676
SC3A Subtransmission	\$24,461,255
SC3A Transmission	\$81,651,191
<u>Lighting</u>	\$44,300,925
<u>Total</u>	\$2,426,431,668

**Notes:**

(1) Annual Target Delivery Revenues are the 'Target Delivery Revenue' plus the 'Incremental LI Discount' Columns for Rate Year 2 Ending March 31, 2027 per Appendix 2, Schedule 3D, Pages 2 and 4. Columns (L) + (DD)

(2) Annual Target Delivery Revenues are the sum of the proposed Customer Charge, kWh Revenue, kW Revenue, ETIP Credit (NYPA), and kVA Revenue.



## NMPC Electric Revenue Decoupling Mechanism (RDM)

Service Class	Annual Target Delivery Revenues-RY3
SC-1	\$1,665,990,638
SC-1C	\$15,360,443
SC-2 Non-demand	\$135,230,575
SC-2 Demand	\$321,017,528
SC-3 Secondary	\$226,479,826
SC-3 Primary	\$78,176,753
SC3 Subtransmission/Transmission	\$13,057,969
SC3A Secondary/Primary	\$50,979,618
SC3A Subtransmission	\$26,936,111
SC3A Transmission	\$89,912,211
Lighting	\$48,783,049
Total	\$2,671,924,721

Notes:

- (1) Annual Target Delivery Revenues are the 'Target Delivery Revenue' plus the 'Incremental LI Discount' Columns for Rate Year 3 Ending March 31, 2028 per Appendix 2, Schedule 3E, Pages 2 and 4. Columns (L) + (DD)
- (2) Annual Target Delivery Revenues are the sum of the proposed Customer Charge, kWh Revenue, kW Revenue, ETIP Credit (NYPA), and kVA Revenue.

## NMPC Electric Revenue Decoupling Mechanism (RDM)

Service Class	Annual Target Delivery Revenues-Post RY3
SC-1	\$1,606,665,615
SC-1C	\$14,813,466
SC-2 Non-demand	\$130,415,088
SC-2 Demand	\$309,586,268
SC-3 Secondary	\$218,415,002
SC-3 Primary	\$75,392,921
SC3 Subtransmission/Transmission	\$12,592,982
SC3A Secondary/Primary	\$49,164,262
SC3A Subtransmission	\$25,976,930
SC3A Transmission	\$86,710,486
Lighting	\$47,045,911
Total	\$2,576,778,931

Notes:

(1) Annual Target Delivery Revenues are the 'Target Delivery Revenue' plus the 'Incremental LI Discount' Columns for Rate Year Ending Post-March 31, 2028 per Appendix 2, Schedule 3F, Pages 2 and 4. Columns (L) + (DD)

(2) Annual Target Delivery Revenues are the sum of the proposed Customer Charge, kWh Revenue, kW Revenue, ETIP Credit (NYPA), and kVA Revenue.

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Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026

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Sch 10A

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026

**Marginal Costs- Summary**

Line	Rate Class	Demand Costs			Customer Costs			Total Costs	Demand per kW	Customer	Customer- Monthly
		Annual Cost per kW	Transmission 1CP Factor	Marginal Cost, Annual Basis	Annual Cost per Customer	No. of Customers	Marginal Cost, Annual Basis	Total Annual Cost			
		(A)	(B)	(C) = (A) * (B)	(D)	(E)	(F) = (D) * (E)	(G) = (C) + (F)			
1	Residential	\$143.71	2,663,222	\$382,719,203	\$127	1,528,825	\$194,037,015	\$576,756,217	\$144	\$127	\$10.58
2	Residential TOU	\$143.67	48,299	\$6,939,109	\$220	4,698	\$1,032,422	\$7,971,531	\$144	\$220	\$18.31
3	Small General No Dem	\$58.44	166,365	\$9,722,620	\$137	129,402	\$17,680,205	\$27,402,825	\$58	\$137	\$11.39
4	Small General Demand	\$58.44	767,975	\$44,876,813	\$1,296	48,077	\$62,313,914	\$107,190,726	\$58	\$1,296	\$108.01
5	Large General-Sec	\$67.86	715,316	\$48,541,482	\$3,822	3,759	\$14,366,792	\$62,908,275	\$68	\$3,822	\$318.52
6	Large General-Pri	\$60.51	293,467	\$17,758,766	\$7,278	738	\$5,367,757	\$23,126,524	\$61	\$7,278	\$606.51
7	Large General-Tran	\$27.19	117,144	\$3,184,781	\$15,896	185	\$2,945,524	\$6,130,305	\$27	\$15,896	\$1,324.70
8	Large General TOU-S/P	\$60.69	192,505	\$11,683,068	\$18,793	64	\$1,194,478	\$12,877,547	\$61	\$18,793	\$1,566.09
9	Large General TOU-U	\$60.03	257,031	\$15,430,255	\$24,103	70	\$1,694,734	\$17,124,989	\$60	\$24,103	\$2,008.54
10	Large General TOU-T	\$27.18	872,848	\$23,724,208	\$42,614	96	\$4,072,006	\$27,796,214	\$27	\$42,614	\$3,551.18
11	Lighting					10,329					
12	Total - Excluding Lighting		6,094,172	\$564,580,305		1,715,913	\$304,704,848	\$869,285,152			

### Marginal Demand-Related Costs

15 (2) Economic Carrying Charge Rate includes, O&M, Taxes and Insurance

Sch 10B

1  
MNiagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026**Marginal Demand-Related Costs**

Line	Rate Class	Rate Code	Primary/ Secondary Distribution	Transformers	Total	NCP Factor	Total	Primary/ Secondary Distribution	Transformers
	(A)	(B)							
1	Residential	SC-1	\$116.48	\$0.04	\$116.53	2,971,651	346,273,409	346,141,799	131,609
2	Residential TOU	SC-1C	\$116.48	\$0.01	\$116.49		-	-	-
3	Small General No Dem	SC-2-ND	\$31.22	\$0.05	\$31.26	193,919	6,062,247	6,053,209	9,038
4	Small General Demand	SC-2-Dem	\$31.22	\$0.04	\$31.26	843,947	26,377,951	26,343,958	33,992
5	Large General-Sec	SC-3-S	\$40.66	\$0.02	\$40.68	807,487	32,848,904	32,829,749	19,155
6	Large General-Pri	SC-3-P	\$33.32	\$0.01	\$33.33	327,770	10,925,892	10,922,173	3,719
7	Large General-Tran	SC-3-T	\$0.00	\$0.01	\$0.01				
8	Large General TOU-S/P	SC-3A-S/P	\$33.51	\$0.00	\$33.51	215,148	7,209,581	7,209,260	321
9	Large General TOU-U	SC-3A-U	\$32.85	\$0.00	\$32.85				
10	Large General TOU-T	SC-3A-T	\$0.00	\$0.00	\$0.00				
11	Lighting	SC-L	\$0.00	\$0.00	\$0.00				
12						5,359,921	429,697,983	429,500,149	197,834
13	Note:					<b>80.17</b>		<b>80.13</b>	<b>0.04</b>
14	(1) Costs are escalated into the Rate Year					<b>Weighted MCOB</b>			
15	(2) Economic Carrying Charge Rate includes								

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Marginal Customer-Related Costs**

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Sch 10E

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Economic Carrying Charge Inputs**

Line	Account Title	Account	Weighting (from Schedule 5A)	Book Life	Salvage Value	Economic Carrying Charge Rate
1	Transmission Plant	350-359		58	(25%)	8.68%
2						
3	Station Equipment	362	20%	60	(15%)	
4	Poles, Towers and Fixtures	364	27%	65	(20%)	
5	Overhead Conductors and Devices	365	31%	55	(40%)	
6	Underground Conduit	366	6%	70	(16%)	
7	Underground Conductors & Devices	367	16%	70	(30%)	
8	Weighted Primary/Secondary Plant	362-367	100%	62.0	(27%)	13.46%
9						
10	Line Transformers	368		35	(6%)	7.30%
11						
12	OH Services	369		55	(45%)	6.90%
13						
14	Meters	370		15	(25%)	13.73%
15						
16	<b>Annual Economic Carrying Charge Rate Parameters</b>					
17		<b>Cost of Capital</b>	<b>O&amp;M Expense</b>	<b>Insurance</b>	<b>Property Tax</b>	
18	Applied to==>	Rate Base	Gross plant / Inflated	Gross plant / Inflated	Net Plant	Inflation Annual Rate
19			From Schedule 5C		From Schedule 5B	
20	Transmission	6.87%	2.45%	0.10%	2.01%	1.0239
21						
22	Primary/Secondary	6.87%	7.35%	0.10%	2.01%	1.0239
23						
24	Transformers	6.87%	0.12%	0.10%	2.01%	1.0239
25						
26	Service	6.87%	1.60%	0.10%		1.0239
27						
28	Meters	6.87%	1.68%	0.10%		1.0239
29						
30	<b>Other Factors</b>					
31	General Inflation (from 12/31/22 to 3/31/25)		5.4620%	Years=	2.25	
32	Annual Rate		2.3917%			
33	Annual Inflator		102.3917%			
34	WACC	6.87%				
35	Wtd Equity	4.56%				

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Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Transmission Economic Carrying Charge Rate**

<b>Original Cost</b>			<b>Federal Tax</b>		
Original Cost \$	<i>Cost</i>	\$100.00	FIT Basis \$	<i>FIT_Basis</i>	\$100.00
Depreciable life years	<i>Depr_Life</i>	58.06	FIT depreciation yrs	<i>FIT_Life</i>	20
Salvage %	<i>Salvage</i>	(25.25%)	FIT rate	<i>FIT_Rate</i>	21.00%
Depreciable basis	<i>DeprBasis</i>	\$125.25	FIT Gross-up	<i>FIT_Mult</i>	26.58%
Annual depreciation	<i>AnnualDepr</i>	\$2.16	FIT DDB Rate	<i>FDB_Rate</i>	150%
Year in service	<i>Start_Yr</i>	2025	FIT DDB %	<i>FDBpct</i>	7.50%
Depr Year 1	<i>D_Yr1</i>	100%	FIT Method	<i>FIT_DDB</i>	TRUE
			FIT Year 1	<i>F_Yr1</i>	50%
<b>Annual Costs</b>			<b>State Tax</b>		
O&M	<i>OM_pct</i>	2.45% Gross plant / inflated	SIT Basis \$	<i>SIT_Basis</i>	\$100.00
Property tax	<i>Prop_pct</i>	2.01% Net plant	SIT depreciation yrs	<i>SIT_Life</i>	20
Insurance	<i>Insur_pct</i>	0.10% Gross plant / inflated	SIT rate	<i>SIT_Rate</i>	7.25%
Inflation rate	<i>Inflation</i>	2.39% 102.39%	SIT Gross-up	<i>SIT_Mult</i>	7.82%
			SIT DDB Rate	<i>SDB_Rate</i>	200%
Cost of Capital			SIT DDB %	<i>SDBpct</i>	10.00%
Wtd Avg Cost of Capital	<i>WACC</i>	6.87%	SIT Method	<i>SIT_DDB</i>	FALSE
Wtd Return on Equity	<i>WEqu</i>	4.56%	SIT Year 1	<i>S_Yr1</i>	50%

NPV- Revenue Req	\$177.59	NPV- Levelized Charge	\$177.55
NPV- Plant	\$1,430.32	Inflation Adjustment	4.89%
Economic Carrying Charge Rate	8.68% (ECCR)		

Year	<i>rYear</i>	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Year Number	<i>rYearNum</i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Original Cost	<i>rCost</i>	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Depreciation expense	<i>rDepExp</i>	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16
Accum. depreciation	<i>rAccumDep</i>	2.16	4.31	6.47	8.63	10.79	12.94	15.10	17.26	19.42	21.57	23.73	25.89	28.05	30.20	32.36	34.52	36.68	38.83	40.99	43.15
Net plant	<i>rNetPlant</i>	97.84	95.69	93.53	91.37	89.21	87.06	84.90	82.74	80.58	78.43	76.27	74.11	71.95	69.80	67.64	65.48	63.32	61.17	59.01	56.85
Inflation Factor	<i>rInflation</i>	1.0000	1.0239	1.0484	1.0735	1.0992	1.1254	1.1524	1.1799	1.2081	1.2370	1.2666	1.2969	1.3279	1.3597	1.3922	1.4255	1.4596	1.4945	1.5303	1.5669
Levelized Charge	<i>rLevel</i>	8.68	8.88	9.10	9.31	9.54	9.76	10.00	10.24	10.48	10.73	10.99	11.25	11.52	11.80	12.08	12.37	12.66	12.97	13.28	13.59
<b>Rate Base</b>																					
Original Cost		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Accum. depreciation		(2.16)	(4.31)	(6.47)	(8.63)	(10.79)	(12.94)	(15.10)	(17.26)	(19.42)	(21.57)	(23.73)	(25.89)	(28.05)	(30.20)	(32.36)	(34.52)	(36.68)	(38.83)	(40.99)	(43.15)
ADIT- Federal		(0.33)	(1.40)	(2.35)	(3.19)	(3.94)	(4.59)	(5.17)	(5.66)	(6.15)	(6.63)	(7.12)	(7.60)	(8.08)	(8.57)	(9.05)	(9.53)	(10.02)	(10.50)	(10.99)	(11.47)
ADIT- State		(0.02)	(0.23)	(0.44)	(0.64)	(0.85)	(1.06)	(1.26)	(1.47)	(1.67)	(1.88)	(2.09)	(2.29)	(2.50)	(2.70)	(2.91)	(3.12)	(3.32)	(3.53)	(3.73)	(3.94)
Rate Base	<i>rRateBase</i>	97.48	94.06	90.74	87.54	84.43	81.41	78.47	75.61	72.76	69.91	67.07	64.22	61.37	58.52	55.68	52.83	49.98	47.13	44.29	41.44
Return on Rate Base	<i>rReturn</i>	6.70	6.46	6.23	6.01	5.80	5.59	5.39	5.19	5.00	4.80	4.61	4.41	4.22	4.02	3.83	3.63	3.43	3.24	3.04	2.85
Return on Equity	<i>rROE</i>	4.45	4.29	4.14	3.99	3.85	3.71	3.58	3.45	3.32	3.19	3.06	2.93	2.80	2.67	2.54	2.41	2.28	2.15	2.02	1.89
<b>Revenue Requirement</b>																					
Return on Rate Base		6.70	6.46	6.23	6.01	5.80	5.59	5.39	5.19	5.00	4.80	4.61	4.41	4.22	4.02	3.83	3.63	3.43	3.24	3.04	2.85
Depreciation expense		2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16
FIT- Total		1.18	1.14	1.10	1.06	1.02	0.99	0.95	0.92	0.88	0.85	0.81	0.78	0.74	0.71	0.67	0.64	0.61	0.57	0.54	0.50
SIT- Total		0.35	0.34	0.32	0.31	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.15
O&M		2.45	2.51	2.57	2.63	2.69	2.76	2.82	2.89	2.96	3.03	3.10	3.18	3.25	3.33	3.41	3.49	3.58	3.66	3.75	3.84
Property tax		1.97	1.93	1.88	1.84	1.80	1.75	1.71	1.67	1.62	1.58	1.54	1.49	1.45	1.41	1.36	1.32	1.28	1.23	1.19	1.15
Insurance		0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16
Revenue Requirement	<i>rRevReq</i>	14.91	14.63	14.37	14.12	13.88	13.65	13.43	13.21	13.00	12.79	12.58	12.38	12.17	11.97	11.77	11.57	11.37	11.18	10.99	10.80

Sch 10E-1

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Transmission Economic Carrying Charge Rate**

FIT																						
Return on Equity		4.45	4.29	4.14	3.99	3.85	3.71	3.58	3.45	3.32	3.19	3.06	2.93	2.80	2.67	2.54	2.41	2.28	2.15	2.02	1.89	
Depreciation expense		2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	
SIT Current		0.32	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	(0.00)	(0.01)	(0.02)	(0.03)	(0.04)	(0.05)	(0.06)	(0.07)	
FIT Depr Allowance		(3.75)	(7.22)	(6.68)	(6.18)	(5.71)	(5.28)	(4.89)	(4.52)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	
FIT Taxable Income	rFIT_Income	3.17	(0.66)	(0.28)	0.06	0.37	0.65	0.90	1.13	1.05	0.91	0.77	0.63	0.49	0.35	0.21	0.07	(0.07)	(0.21)	(0.35)	(0.49)	
FIT Current	rFIT_Curr	0.84	(0.18)	(0.07)	0.02	0.10	0.17	0.24	0.30	0.28	0.24	0.20	0.17	0.13	0.09	0.06	0.02	(0.02)	(0.06)	(0.09)	(0.13)	
FIT Total	rFIT_Total	1.18	1.14	1.10	1.06	1.02	0.99	0.95	0.92	0.88	0.85	0.81	0.78	0.74	0.71	0.67	0.64	0.61	0.57	0.54	0.50	
FIT Depreciation Allowance																						
FIT Deprec SL	rFIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
FIT Deprec DDB	rFIT_DDB	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Deprec Allow	rFITDep	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Basis	rFITBasis	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Deprec DDB Bal	rFIT_DDB_Bal	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Remaining Years	rFIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
FIT Deferred	rFIT_Defd	0.33	1.06	0.95	0.84	0.75	0.66	0.57	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	
FIT ADIT	rFIT_ADIT	0.33	1.40	2.35	3.19	3.94	4.59	5.17	5.66	6.15	6.63	7.12	7.60	8.08	8.57	9.05	9.53	10.02	10.50	10.99	11.47	
SIT																						
Return on Equity		4.45	4.29	4.14	3.99	3.85	3.71	3.58	3.45	3.32	3.19	3.06	2.93	2.80	2.67	2.54	2.41	2.28	2.15	2.02	1.89	
Depreciation expense		2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	
SIT Depr Allowance		(2.50)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	
SIT Taxable Income	rSIT_Income	4.10	1.45	1.30	1.15	1.01	0.87	0.74	0.61	0.48	0.35	0.22	0.09	(0.04)	(0.17)	(0.30)	(0.43)	(0.56)	(0.69)	(0.82)	(0.95)	
SIT Current	rSIT_Curr	0.32	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	(0.00)	(0.01)	(0.02)	(0.03)	(0.04)	(0.05)	(0.06)	(0.07)	
SIT Total	rSIT_Total	0.35	0.34	0.32	0.31	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.15	
SIT Depreciation Allowance																						
SIT Deprec SL	rSIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Deprec DDB	rSIT_DDB	5.00	9.50	8.55	7.70	6.93	6.23	5.61	5.05	4.54	4.09	3.68	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	
SIT Deprec Allow	rSITDep	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Basis	rSITBasis	100.00	97.50	92.50	87.50	82.50	77.50	72.50	67.50	62.50	57.50	52.50	47.50	42.50	37.50	32.50	27.50	22.50	17.50	12.50	7.50	2.50
SIT Deprec DDB Bal	rSIT_DDB_Bal	100.00	95.00	85.50	76.95	69.26	62.33	56.10	50.49	45.44	40.89	36.80	33.12	29.64	26.15	22.66	19.18	15.69	12.20	8.72	5.23	1.74
SIT Remaining Years	rSIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
SIT Deferred	rSIT_Defd	0.02	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
SIT ADIT	rSIT_ADIT	0.02	0.23	0.44	0.64	0.85	1.06	1.26	1.47	1.67	1.88	2.09	2.29	2.50	2.70	2.91	3.12	3.32	3.53	3.73	3.94	

Sch 10E-2

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Primary / Secondary Distribution Economic Carrying Charge Rate**

Original Cost			Federal Tax		
Original Cost \$	<i>Cost</i>	\$100.00	FIT Basis \$	<i>FIT_Basis</i>	\$100.00
Depreciable life years	<i>Depr_Life</i>	61.96	FIT depreciation yrs	<i>FIT_Life</i>	20
Salvage %	<i>Salvage</i>	(26.54%)	FIT rate	<i>FIT_Rate</i>	21.00%
Depreciable basis	<i>DeprBasis</i>	\$126.54	FIT Gross-up	<i>FIT_Mult</i>	26.58%
Annual depreciation	<i>AnnualDepr</i>	\$2.04	FIT DDB Rate	<i>FDB_Rate</i>	150%
Year in service	<i>Start_Yr</i>	2025	FIT DDB %	<i>FDBpct</i>	7.50%
Depr Year 1	<i>D_Yr1</i>	100%	FIT Method	<i>FIT_DDB</i>	TRUE
			FIT Year 1	<i>F_Yr1</i>	50%
Annual Costs			State Tax		
O&M	<i>OM_pct</i>	7.35% Gross plant / inflated	SIT Basis \$	<i>SIT_Basis</i>	\$100.00
Property tax	<i>Prop_pct</i>	2.01% Net plant	SIT depreciation yrs	<i>SIT_Life</i>	20
Insurance	<i>Insur_pct</i>	0.10% Gross plant / inflated	SIT rate	<i>SIT_Rate</i>	7.25%
Inflation rate	<i>Inflation</i>	2.39% 102.39%	SIT Gross-up	<i>SIT_Mult</i>	7.82%
			SIT DDB Rate	<i>SDB_Rate</i>	200%
Cost of Capital			SIT DDB %	<i>SDBpct</i>	10.00%
Wtd Avg Cost of Capital	<i>WACC</i>	6.87%	SIT Method	<i>SIT_DDB</i>	FALSE
Wtd Return on Equity	<i>WEqu</i>	4.56%	SIT Year 1	<i>S_Yr1</i>	50%

NPV- Revenue Req	\$279.44	NPV- Levelized Charge	\$278.55
NPV- Plant	\$1,430.32	Inflation Adjustment	4.82%
Economic Carrying Charge Rate	13.46% (ECCR)		

Year	<i>rYear</i>	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Year Number	<i>rYearNum</i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Original Cost	<i>rCost</i>	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Depreciation expense	<i>rDepExp</i>	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04
Accum. depreciation	<i>rAccumDep</i>	2.04	4.08	6.13	8.17	10.21	12.25	14.30	16.34	18.38	20.42	22.47	24.51	26.55	28.59	30.64	32.68	34.72	36.76	38.81	40.85
Net plant	<i>rNetPlant</i>	97.96	95.92	93.87	91.83	89.79	87.75	85.70	83.66	81.62	79.58	77.53	75.49	73.45	71.41	69.36	67.32	65.28	63.24	61.19	59.15
Inflation Factor	<i>rInflation</i>	1.0000	1.0239	1.0484	1.0735	1.0992	1.1254	1.1524	1.1799	1.2081	1.2370	1.2666	1.2969	1.3279	1.3597	1.3922	1.4255	1.4596	1.4945	1.5303	1.5669
Levelized Charge	<i>rLevel</i>	13.46	13.79	14.11	14.45	14.80	15.15	15.51	15.89	16.27	16.65	17.05	17.46	17.88	18.31	18.74	19.19	19.65	20.12	20.60	21.09
Rate Base																					
Original Cost		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Accum. depreciation		(2.04)	(4.08)	(6.13)	(8.17)	(10.21)	(12.25)	(14.30)	(16.34)	(18.38)	(20.42)	(22.47)	(24.51)	(26.55)	(28.59)	(30.64)	(32.68)	(34.72)	(36.76)	(38.81)	(40.85)
ADIT- Federal		(0.36)	(1.45)	(2.42)	(3.29)	(4.06)	(4.74)	(5.34)	(5.86)	(6.37)	(6.87)	(7.38)	(7.89)	(8.40)	(8.91)	(9.41)	(9.92)	(10.43)	(10.94)	(11.45)	(11.95)
ADIT- State		(0.03)	(0.25)	(0.46)	(0.68)	(0.89)	(1.11)	(1.32)	(1.53)	(1.75)	(1.96)	(2.18)	(2.39)	(2.61)	(2.82)	(3.04)	(3.25)	(3.46)	(3.68)	(3.89)	(4.11)
Rate Base	<i>rRateBase</i>	97.57	94.22	90.99	87.87	84.84	81.90	79.05	76.27	73.50	70.74	67.97	65.21	62.44	59.68	56.91	54.15	51.38	48.62	45.86	43.09
Return on Rate Base	<i>rReturn</i>	6.70	6.47	6.25	6.04	5.83	5.63	5.43	5.24	5.05	4.86	4.67	4.48	4.29	4.10	3.91	3.72	3.53	3.34	3.15	2.96
Return on Equity	<i>rROE</i>	4.45	4.30	4.15	4.01	3.87	3.73	3.60	3.48	3.35	3.23	3.10	2.97	2.85	2.72	2.60	2.47	2.34	2.22	2.09	1.96
Revenue Requirement																					
Return on Rate Base		6.70	6.47	6.25	6.04	5.83	5.63	5.43	5.24	5.05	4.86	4.67	4.48	4.29	4.10	3.91	3.72	3.53	3.34	3.15	2.96
Depreciation expense		2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04
FIT- Total		1.18	1.14	1.10	1.07	1.03	0.99	0.96	0.92	0.89	0.86	0.82	0.79	0.76	0.72	0.69	0.66	0.62	0.59	0.56	0.52
SIT- Total		0.35	0.34	0.32	0.31	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.15
O&M		7.35	7.53	7.71	7.90	8.08	8.28	8.48	8.68	8.89	9.10	9.32	9.54	9.77	10.00	10.24	10.48	10.74	10.99	11.25	11.52
Property tax		1.97	1.93	1.89	1.85	1.81	1.77	1.73	1.69	1.64	1.60	1.56	1.52	1.48	1.44	1.40	1.36	1.31	1.27	1.23	1.19
Insurance		0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16
Revenue Requirement	<i>rRevReq</i>	19.70	19.56	19.43	19.31	19.20	19.11	19.03	18.96	18.90	18.84	18.78	18.73	18.69	18.65	18.62	18.60	18.57	18.56	18.55	18.55

Sch 10E-2

Niagara Mohawk Power Company (Electric) dba National Grid  
 Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Primary / Secondary Distribution Economic Carrying Charge Rate**

FIT																						
Return on Equity		4.45	4.30	4.15	4.01	3.87	3.73	3.60	3.48	3.35	3.23	3.10	2.97	2.85	2.72	2.60	2.47	2.34	2.22	2.09	1.96	
Depreciation expense		2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	
SIT Current		0.31	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	(0.01)	(0.02)	(0.03)	(0.04)	(0.05)	(0.06)	(0.07)	(0.08)	
FIT Depr Allowance		(3.75)	(7.22)	(6.68)	(6.18)	(5.71)	(5.28)	(4.89)	(4.52)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	
FIT Taxable Income	rFIT_Income	3.05	(0.78)	(0.39)	(0.05)	0.27	0.55	0.81	1.04	0.96	0.83	0.69	0.56	0.42	0.28	0.15	0.01	(0.12)	(0.26)	(0.40)	(0.53)	
FIT Current	rFIT_Curr	0.81	(0.21)	(0.10)	(0.01)	0.07	0.15	0.22	0.28	0.26	0.22	0.18	0.15	0.11	0.08	0.04	0.00	(0.03)	(0.07)	(0.11)	(0.14)	
FIT Total	rFIT_Total	1.18	1.14	1.10	1.07	1.03	0.99	0.96	0.92	0.89	0.86	0.82	0.79	0.76	0.72	0.69	0.66	0.62	0.59	0.56	0.52	
FIT Depreciation Allowance																						
FIT Deprec SL	rFIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
FIT Deprec DDB	rFIT_DDB	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Deprec Allow	rFITDep	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Basis	rFITBasis	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Deprec DDB Bal	rFIT_DDB_Bal	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Remaining Years	rFIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
FIT Deferred	rFIT_Defd	0.36	1.09	0.97	0.87	0.77	0.68	0.60	0.52	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	
FIT ADIT	rFIT_ADIT	0.36	1.45	2.42	3.29	4.06	4.74	5.34	5.86	6.37	6.87	7.38	7.89	8.40	8.91	9.41	9.92	10.43	10.94	11.45	11.95	
SIT																						
Return on Equity		4.45	4.30	4.15	4.01	3.87	3.73	3.60	3.48	3.35	3.23	3.10	2.97	2.85	2.72	2.60	2.47	2.34	2.22	2.09	1.96	
Depreciation expense		2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	
SIT Depr Allowance		(2.50)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	
SIT Taxable Income	rSIT_Income	3.99	1.34	1.19	1.05	0.91	0.78	0.65	0.52	0.39	0.27	0.14	0.02	(0.11)	(0.24)	(0.36)	(0.49)	(0.61)	(0.74)	(0.87)	(0.99)	
SIT Current	rSIT_Curr	0.31	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	(0.01)	(0.02)	(0.03)	(0.04)	(0.05)	(0.06)	(0.07)	(0.08)	
SIT Total	rSIT_Total	0.35	0.34	0.32	0.31	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.15	
SIT Depreciation Allowance																						
SIT Deprec SL	rSIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Deprec DDB	rSIT_DDB	5.00	9.50	8.55	7.70	6.93	6.23	5.61	5.05	4.54	4.09	3.68	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	
SIT Deprec Allow	rSITDep	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Basis	rSITBasis	100.00	97.50	92.50	87.50	82.50	77.50	72.50	67.50	62.50	57.50	52.50	47.50	42.50	37.50	32.50	27.50	22.50	17.50	12.50	7.50	2.50
SIT Deprec DDB Bal	rSIT_DDB_Bal	100.00	95.00	85.50	76.95	69.26	62.33	56.10	50.49	45.44	40.89	36.80	33.12	29.64	26.15	22.66	19.18	15.69	12.20	8.72	5.23	1.74
SIT Remaining Years	rSIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
SIT Deferred	rSIT_Defd	0.03	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
SIT ADIT	rSIT_ADIT	0.03	0.25	0.46	0.68	0.89	1.11	1.32	1.53	1.75	1.96	2.18	2.39	2.61	2.82	3.04	3.25	3.46	3.68	3.89	4.11	

Sch 10E-3

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Transformers Economic Carrying Charge Rate**

Original Cost			Federal Tax		
Original Cost \$	<i>Cost</i>	\$100.00	FIT Basis \$	<i>FIT_Basis</i>	\$100.00
Depreciable life years	<i>Depr_Life</i>	35	FIT depreciation yrs	<i>FIT_Life</i>	20
Salvage %	<i>Salvage</i>	(6.00%)	FIT rate	<i>FIT_Rate</i>	21.00%
Depreciable basis	<i>DeprBasis</i>	\$106.00	FIT Gross-up	<i>FIT_Mult</i>	26.58%
Annual depreciation	<i>AnnualDepr</i>	\$3.03	FIT DDB Rate	<i>FDB_Rate</i>	150%
Year in service	<i>Start_Yr</i>	2025	FIT DDB %	<i>FDBpct</i>	7.50%
Depr Year 1	<i>D_Yr1</i>	100%	FIT Method	<i>FIT_DDB</i>	TRUE
			FIT Year 1	<i>F_Yr1</i>	50%
Annual Costs			State Tax		
O&M	<i>OM_pct</i>	0.12% Gross plant / inflated	SIT Basis \$	<i>SIT_Basis</i>	\$100.00
Property tax	<i>Prop_pct</i>	2.01% Net plant	SIT depreciation yrs	<i>SIT_Life</i>	20
Insurance	<i>Insur_pct</i>	0.10% Gross plant / inflated	SIT rate	<i>SIT_Rate</i>	7.25%
Inflation rate	<i>Inflation</i>	2.39% 102.39%	SIT Gross-up	<i>SIT_Mult</i>	7.82%
			SIT DDB Rate	<i>SDB_Rate</i>	200%
Cost of Capital			SIT DDB %	<i>SDBpct</i>	10.00%
Wtd Avg Cost of Capital	<i>WACC</i>	6.87%	SIT Method	<i>SIT_DDB</i>	FALSE
Wtd Return on Equity	<i>WEqu</i>	4.56%	SIT Year 1	<i>S_Yr1</i>	50%

NPV- Revenue Req		\$126.49		NPV- Levelized Charge		\$126.49															
NPV- Plant		\$1,313.34		Inflation Adjustment		5.77%															
Economic Carrying Charge Rate		7.30% (ECCR)																			
Year	rYear	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Year Number	rYearNum	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Original Cost	rCost	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Depreciation expense	rDepExp	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03
Accum. depreciation	rAccumDep	3.03	6.06	9.09	12.11	15.14	18.17	21.20	24.23	27.26	30.29	33.31	36.34	39.37	42.40	45.43	48.46	51.49	54.51	57.54	60.57
Net plant	rNetPlant	96.97	93.94	90.91	87.89	84.86	81.83	78.80	75.77	72.74	69.71	66.69	63.66	60.63	57.60	54.57	51.54	48.51	45.49	42.46	39.43
Inflation Factor	rInflation	1.0000	1.0239	1.0484	1.0735	1.0992	1.1254	1.1524	1.1799	1.2081	1.2370	1.2666	1.2969	1.3279	1.3597	1.3922	1.4255	1.4596	1.4945	1.5303	1.5669
Levelized Charge	rLevel	7.30	7.47	7.65	7.83	8.02	8.21	8.41	8.61	8.81	9.02	9.24	9.46	9.69	9.92	10.16	10.40	10.65	10.90	11.16	11.43
Rate Base																					
Original Cost		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Accum. depreciation		(3.03)	(6.06)	(9.09)	(12.11)	(15.14)	(18.17)	(21.20)	(24.23)	(27.26)	(30.29)	(33.31)	(36.34)	(39.37)	(42.40)	(45.43)	(48.46)	(51.49)	(54.51)	(57.54)	(60.57)
ADIT- Federal		(0.15)	(1.03)	(1.80)	(2.46)	(3.02)	(3.50)	(3.89)	(4.20)	(4.50)	(4.80)	(5.10)	(5.40)	(5.71)	(6.01)	(6.31)	(6.61)	(6.91)	(7.21)	(7.51)	(7.81)
ADIT- State		0.04	(0.10)	(0.25)	(0.39)	(0.53)	(0.68)	(0.82)	(0.96)	(1.11)	(1.25)	(1.39)	(1.53)	(1.68)	(1.82)	(1.96)	(2.11)	(2.25)	(2.39)	(2.53)	(2.68)
Rate Base	rRateBase	96.86	92.81	88.87	85.04	81.30	77.66	74.09	70.61	67.14	63.66	60.19	56.72	53.25	49.77	46.30	42.83	39.36	35.88	32.41	28.94
Return on Rate Base	rReturn	6.65	6.38	6.11	5.84	5.59	5.33	5.09	4.85	4.61	4.37	4.14	3.90	3.66	3.42	3.18	2.94	2.70	2.47	2.23	1.99
Return on Equity	rROE	4.42	4.23	4.05	3.88	3.71	3.54	3.38	3.22	3.06	2.90	2.74	2.59	2.43	2.27	2.11	1.95	1.79	1.64	1.48	1.32
Revenue Requirement																					
Return on Rate Base		6.65	6.38	6.11	5.84	5.59	5.33	5.09	4.85	4.61	4.37	4.14	3.90	3.66	3.42	3.18	2.94	2.70	2.47	2.23	1.99
Depreciation expense		3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03
FIT- Total		1.17	1.12	1.08	1.03	0.99	0.94	0.90	0.86	0.81	0.77	0.73	0.69	0.65	0.60	0.56	0.52	0.48	0.43	0.39	0.35
SIT- Total		0.35	0.33	0.32	0.30	0.29	0.28	0.26	0.25	0.24	0.23	0.21	0.20	0.19	0.18	0.17	0.15	0.14	0.13	0.12	0.10
O&M		0.12	0.12	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.19
Property tax		1.95	1.89	1.83	1.77	1.71	1.65	1.59	1.53	1.47	1.40	1.34	1.28	1.22	1.16	1.10	1.04	0.98	0.92	0.86	0.79
Insurance		0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16
Revenue Requirement	rRevReq	13.38	12.98	12.59	12.21	11.84	11.48	11.12	10.77	10.42	10.08	9.73	9.38	9.04	8.69	8.34	7.99	7.65	7.30	6.96	6.61

Sch 10E-3

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Transformers Economic Carrying Charge Rate**

FIT																						
Return on Equity		4.42	4.23	4.05	3.88	3.71	3.54	3.38	3.22	3.06	2.90	2.74	2.59	2.43	2.27	2.11	1.95	1.79	1.64	1.48	1.32	
Depreciation expense		3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	
SIT Current		0.39	0.18	0.16	0.15	0.14	0.12	0.11	0.10	0.09	0.07	0.06	0.05	0.04	0.02	0.01	(0.00)	(0.01)	(0.03)	(0.04)	(0.05)	
FIT Depr Allowance		(3.75)	(7.22)	(6.68)	(6.18)	(5.71)	(5.28)	(4.89)	(4.52)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	
FIT Taxable Income	rFIT_Income	4.08	0.22	0.57	0.88	1.16	1.41	1.63	1.82	1.71	1.54	1.37	1.20	1.03	0.86	0.69	0.52	0.35	0.18	0.01	(0.16)	
FIT Current	rFIT_Curr	1.09	0.06	0.15	0.23	0.31	0.37	0.43	0.48	0.46	0.41	0.36	0.32	0.27	0.23	0.18	0.14	0.09	0.05	0.00	(0.04)	
FIT Total	rFIT_Total	1.17	1.12	1.08	1.03	0.99	0.94	0.90	0.86	0.81	0.77	0.73	0.69	0.65	0.60	0.56	0.52	0.48	0.43	0.39	0.35	
FIT Depreciation Allowance																						
FIT Deprec SL	rFIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
FIT Deprec DDB	rFIT_DDB	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Deprec Allow	rFITDep	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Basis	rFITBasis	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Deprec DDB Bal	rFIT_DDB_Bal	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Remaining Years	rFIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
FIT Deferred	rFIT_Defd	0.15	0.88	0.77	0.66	0.56	0.47	0.39	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	
FIT ADIT	rFIT_ADIT	0.15	1.03	1.80	2.46	3.02	3.50	3.89	4.20	4.50	4.80	5.10	5.40	5.71	6.01	6.31	6.61	6.91	7.21	7.51	7.81	
SIT																						
Return on Equity		4.42	4.23	4.05	3.88	3.71	3.54	3.38	3.22	3.06	2.90	2.74	2.59	2.43	2.27	2.11	1.95	1.79	1.64	1.48	1.32	
Depreciation expense		3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	
SIT Depr Allowance		(2.50)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	
SIT Taxable Income	rSIT_Income	4.95	2.26	2.08	1.91	1.74	1.57	1.41	1.25	1.09	0.93	0.77	0.61	0.46	0.30	0.14	(0.02)	(0.18)	(0.34)	(0.49)	(0.65)	
SIT Current	rSIT_Curr	0.39	0.18	0.16	0.15	0.14	0.12	0.11	0.10	0.09	0.07	0.06	0.05	0.04	0.02	0.01	(0.00)	(0.01)	(0.03)	(0.04)	(0.05)	
SIT Total	rSIT_Total	0.35	0.33	0.32	0.30	0.29	0.28	0.26	0.25	0.24	0.23	0.21	0.20	0.19	0.18	0.17	0.15	0.14	0.13	0.12	0.10	
SIT Depreciation Allowance																						
SIT Deprec SL	rSIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Deprec DDB	rSIT_DDB	5.00	9.50	8.55	7.70	6.93	6.23	5.61	5.05	4.54	4.09	3.68	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	
SIT Deprec Allow	rSITDep	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Basis	rSITBasis	100.00	97.50	92.50	87.50	82.50	77.50	72.50	67.50	62.50	57.50	52.50	47.50	42.50	37.50	32.50	27.50	22.50	17.50	12.50	7.50	2.50
SIT Deprec DDB Bal	rSIT_DDB_Bal	100.00	95.00	85.50	76.95	69.26	62.33	56.10	50.49	45.44	40.89	36.80	33.12	29.64	26.15	22.66	19.18	15.69	12.20	8.72	5.23	1.74
SIT Remaining Years	rSIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
SIT Deferred	rSIT_Defd	(0.04)	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	
SIT ADIT	rSIT_ADIT	(0.04)	0.10	0.25	0.39	0.53	0.68	0.82	0.96	1.11	1.25	1.39	1.53	1.68	1.82	1.96	2.11	2.25	2.39	2.53	2.68	

Sch 10E-4

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Services Economic Carrying Charge Rate**

Original Cost			Federal Tax		
Original Cost \$	<i>Cost</i>	\$100.00	FIT Basis \$	<i>FIT_Basis</i>	\$100.00
Depreciable life years	<i>Depr_Life</i>	55	FIT depreciation yrs	<i>FIT_Life</i>	20
Salvage %	<i>Salvage</i>	(45.00%)	FIT rate	<i>FIT_Rate</i>	21.00%
Depreciable basis	<i>DeprBasis</i>	\$145.00	FIT Gross-up	<i>FIT_Mult</i>	26.58%
Annual depreciation	<i>AnnualDepr</i>	\$2.64	FIT DDB Rate	<i>FDB_Rate</i>	150%
Year in service	<i>Start_Yr</i>	2025	FIT DDB %	<i>FDBpct</i>	7.50%
Depr Year 1	<i>D_Yr1</i>	100%	FIT Method	<i>FIT_DDB</i>	TRUE
			FIT Year 1	<i>F_Yr1</i>	50%
Annual Costs			State Tax		
O&M	<i>OM_pct</i>	1.60% Gross plant / inflated	SIT Basis \$	<i>SIT_Basis</i>	\$100.00
Property tax	<i>Prop_pct</i>	0.00% Net plant	SIT depreciation yrs	<i>SIT_Life</i>	20
Insurance	<i>Insur_pct</i>	0.10% Gross plant / inflated	SIT rate	<i>SIT_Rate</i>	7.25%
Inflation rate	<i>Inflation</i>	2.39% 102.39%	SIT Gross-up	<i>SIT_Mult</i>	7.82%
			SIT DDB Rate	<i>SDB_Rate</i>	200%
Cost of Capital			SIT DDB %	<i>SDBpct</i>	10.00%
Wtd Avg Cost of Capital	<i>WACC</i>	6.87%	SIT Method	<i>SIT_DDB</i>	FALSE
Wtd Return on Equity	<i>WEqu</i>	4.56%	SIT Year 1	<i>S_Yr1</i>	50%

NPV- Revenue Req	\$139.39	NPV- Levelized Charge	\$135.90
NPV- Plant	\$1,403.09	Inflation Adjustment	4.95%
Economic Carrying Charge Rate	6.90% (ECCR)		

Year	<i>rYear</i>	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Year Number	<i>rYearNum</i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Original Cost	<i>rCost</i>	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Depreciation expense	<i>rDepExp</i>	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64
Accum. depreciation	<i>rAccumDep</i>	2.64	5.27	7.91	10.55	13.18	15.82	18.45	21.09	23.73	26.36	29.00	31.64	34.27	36.91	39.55	42.18	44.82	47.45	50.09	52.73
Net plant	<i>rNetPlant</i>	97.36	94.73	92.09	89.45	86.82	84.18	81.55	78.91	76.27	73.64	71.00	68.36	65.73	63.09	60.45	57.82	55.18	52.55	49.91	47.27
Inflation Factor	<i>rInflation</i>	1.0000	1.0239	1.0484	1.0735	1.0992	1.1254	1.1524	1.1799	1.2081	1.2370	1.2666	1.2969	1.3279	1.3597	1.3922	1.4255	1.4596	1.4945	1.5303	1.5669
Levelized Charge	<i>rLevel</i>	6.90	7.06	7.23	7.40	7.58	7.76	7.95	8.14	8.33	8.53	8.74	8.95	9.16	9.38	9.60	9.83	10.07	10.31	10.55	10.81
Rate Base																					
Original Cost		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Accum. depreciation		(2.64)	(5.27)	(7.91)	(10.55)	(13.18)	(15.82)	(18.45)	(21.09)	(23.73)	(26.36)	(29.00)	(31.64)	(34.27)	(36.91)	(39.55)	(42.18)	(44.82)	(47.45)	(50.09)	(52.73)
ADIT- Federal		(0.23)	(1.20)	(2.04)	(2.79)	(3.43)	(3.99)	(4.46)	(4.86)	(5.24)	(5.63)	(6.01)	(6.39)	(6.78)	(7.16)	(7.54)	(7.93)	(8.31)	(8.69)	(9.08)	(9.46)
ADIT- State		0.01	(0.16)	(0.33)	(0.50)	(0.68)	(0.85)	(1.02)	(1.19)	(1.36)	(1.53)	(1.70)	(1.88)	(2.05)	(2.22)	(2.39)	(2.56)	(2.73)	(2.90)	(3.07)	(3.25)
Rate Base	<i>rRateBase</i>	97.14	93.37	89.71	86.16	82.71	79.34	76.06	72.86	69.67	66.48	63.29	60.10	56.90	53.71	50.52	47.33	44.14	40.95	37.76	34.57
Return on Rate Base	<i>rReturn</i>	6.67	6.41	6.16	5.92	5.68	5.45	5.23	5.01	4.79	4.57	4.35	4.13	3.91	3.69	3.47	3.25	3.03	2.81	2.59	2.37
Return on Equity	<i>rROE</i>	4.43	4.26	4.09	3.93	3.77	3.62	3.47	3.32	3.18	3.03	2.89	2.74	2.59	2.45	2.30	2.16	2.01	1.87	1.72	1.58
Revenue Requirement																					
Return on Rate Base		6.67	6.41	6.16	5.92	5.68	5.45	5.23	5.01	4.79	4.57	4.35	4.13	3.91	3.69	3.47	3.25	3.03	2.81	2.59	2.37
Depreciation expense		2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64
FIT- Total		1.18	1.13	1.09	1.04	1.00	0.96	0.92	0.88	0.84	0.81	0.77	0.73	0.69	0.65	0.61	0.57	0.54	0.50	0.46	0.42
SIT- Total		0.35	0.33	0.32	0.31	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.13	0.12
O&M		1.60	1.63	1.67	1.71	1.75	1.80	1.84	1.88	1.93	1.97	2.02	2.07	2.12	2.17	2.22	2.27	2.33	2.38	2.44	2.50
Property tax		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Insurance		0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16
Revenue Requirement	<i>rRevReq</i>	12.53	12.25	11.98	11.73	11.48	11.24	11.01	10.79	10.56	10.34	10.12	9.91	9.69	9.47	9.26	9.05	8.84	8.63	8.42	8.21



Sch 10E-4

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
Services Economic Carrying Charge Rate

FIT																						
Return on Equity		4.43	4.26	4.09	3.93	3.77	3.62	3.47	3.32	3.18	3.03	2.89	2.74	2.59	2.45	2.30	2.16	2.01	1.87	1.72	1.58	
Depreciation expense		2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	
SIT Current		0.36	0.15	0.14	0.12	0.11	0.10	0.09	0.07	0.06	0.05	0.04	0.03	0.02	0.01	(0.00)	(0.02)	(0.03)	(0.04)	(0.05)	(0.06)	
FIT Depr Allowance		(3.75)	(7.22)	(6.68)	(6.18)	(5.71)	(5.28)	(4.89)	(4.52)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	
FIT Taxable Income	rFIT_Income	3.67	(0.18)	0.18	0.51	0.80	1.07	1.30	1.51	1.42	1.26	1.10	0.94	0.79	0.63	0.47	0.32	0.16	0.00	(0.15)	(0.31)	
FIT Current	rFIT_Curr	0.98	(0.05)	0.05	0.14	0.21	0.28	0.35	0.40	0.38	0.33	0.29	0.25	0.21	0.17	0.13	0.08	0.04	0.00	(0.04)	(0.08)	
FIT Total	rFIT_Total	1.18	1.13	1.09	1.04	1.00	0.96	0.92	0.88	0.84	0.81	0.77	0.73	0.69	0.65	0.61	0.57	0.54	0.50	0.46	0.42	
FIT Depreciation Allowance																						
FIT Deprec SL	rFIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
FIT Deprec DDB	rFIT_DDB	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Deprec Allow	rFITDep	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Basis	rFITBasis	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Deprec DDB Bal	rFIT_DDB_Bal	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Remaining Years	rFIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
FIT Deferred	rFIT_Defd	0.23	0.96	0.85	0.74	0.65	0.56	0.47	0.40	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
FIT ADIT	rFIT_ADIT	0.23	1.20	2.04	2.79	3.43	3.99	4.46	4.86	5.24	5.63	6.01	6.39	6.78	7.16	7.54	7.93	8.31	8.69	9.08	9.46	
SIT																						
Return on Equity		4.43	4.26	4.09	3.93	3.77	3.62	3.47	3.32	3.18	3.03	2.89	2.74	2.59	2.45	2.30	2.16	2.01	1.87	1.72	1.58	
Depreciation expense		2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	
SIT Depr Allowance		(2.50)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	
SIT Taxable Income	rSIT_Income	4.57	1.89	1.73	1.57	1.41	1.25	1.10	0.96	0.81	0.67	0.52	0.38	0.23	0.09	(0.06)	(0.21)	(0.35)	(0.50)	(0.64)	(0.79)	
SIT Current	rSIT_Curr	0.36	0.15	0.14	0.12	0.11	0.10	0.09	0.07	0.06	0.05	0.04	0.03	0.02	0.01	(0.00)	(0.02)	(0.03)	(0.04)	(0.05)	(0.06)	
SIT Total	rSIT_Total	0.35	0.33	0.32	0.31	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.13	0.12	
SIT Depreciation Allowance																						
SIT Deprec SL	rSIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Deprec DDB	rSIT_DDB	5.00	9.50	8.55	7.70	6.93	6.23	5.61	5.05	4.54	4.09	3.68	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	
SIT Deprec Allow	rSITDep	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Basis	rSITBasis	100.00	97.50	92.50	87.50	82.50	77.50	72.50	67.50	62.50	57.50	52.50	47.50	42.50	37.50	32.50	27.50	22.50	17.50	12.50	7.50	2.50
SIT Deprec DDB Bal	rSIT_DDB_Bal	100.00	95.00	85.50	76.95	69.26	62.33	56.10	50.49	45.44	40.89	36.80	33.12	29.64	26.15	22.66	19.18	15.69	12.20	8.72	5.23	1.74
SIT Remaining Years	rSIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
SIT Deferred	rSIT_Defd	(0.01)	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	
SIT ADIT	rSIT_ADIT	(0.01)	0.16	0.33	0.50	0.68	0.85	1.02	1.19	1.36	1.53	1.70	1.88	2.05	2.22	2.39	2.56	2.73	2.90	3.07	3.25	

Sch 10E-5

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Meters Economic Carrying Charge Rate**

Original Cost			Federal Tax		
Original Cost \$	<i>Cost</i>	\$100.00	FIT Basis \$	<i>FIT_Basis</i>	\$100.00
Depreciable life years	<i>Depr_Life</i>	15	FIT depreciation yrs	<i>FIT_Life</i>	20
Salvage %	<i>Salvage</i>	(25.00%)	FIT rate	<i>FIT_Rate</i>	21.00%
Depreciable basis	<i>DeprBasis</i>	\$125.00	FIT Gross-up	<i>FIT_Mult</i>	26.58%
Annual depreciation	<i>AnnualDepr</i>	\$8.33	FIT DDB Rate	<i>FDB_Rate</i>	150%
Year in service	<i>Start_Yr</i>	2025	FIT DDB %	<i>FDBpct</i>	7.50%
Depr Year 1	<i>D_Yr1</i>	100%	FIT Method	<i>FIT_DDB</i>	TRUE
			FIT Year 1	<i>F_Yr1</i>	50%
Annual Costs			State Tax		
O&M	<i>OM_pct</i>	1.68% Gross plant / inflated	SIT Basis \$	<i>SIT_Basis</i>	\$100.00
Property tax	<i>Prop_pct</i>	2.01% Net plant	SIT depreciation yrs	<i>SIT_Life</i>	20
Insurance	<i>Insur_pct</i>	0.10% Gross plant / inflated	SIT rate	<i>SIT_Rate</i>	7.25%
Inflation rate	<i>Inflation</i>	2.39% 102.39%	SIT Gross-up	<i>SIT_Mult</i>	7.82%
			SIT DDB Rate	<i>SDB_Rate</i>	200%
Cost of Capital			SIT DDB %	<i>SDBpct</i>	10.00%
Wtd Avg Cost of Capital	<i>WACC</i>	6.87%	SIT Method	<i>SIT_DDB</i>	FALSE
Wtd Return on Equity	<i>WEqu</i>	4.56%	SIT Year 1	<i>S_Yr1</i>	50%

NPV- Revenue Req		\$145.31		NPV- Levelized Charge		\$145.31															
NPV- Plant		\$1,257.28		Inflation Adjustment		9.45%															
Economic Carrying Charge Rate		13.73% (ECCR)																			
Year	rYear	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Year Number	rYearNum	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Original Cost	rCost	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Depreciation expense	rDepExp	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	0.00	0.00	0.00	0.00	0.00
Accum. depreciation	rAccumDep	8.33	16.67	25.00	33.33	41.67	50.00	58.33	66.67	75.00	83.33	91.67	100.00	108.33	116.67	125.00	125.00	125.00	125.00	125.00	125.00
Net plant	rNetPlant	91.67	83.33	75.00	66.67	58.33	50.00	41.67	33.33	25.00	16.67	8.33	0.00	(8.33)	(16.67)	(25.00)	(25.00)	(25.00)	(25.00)	(25.00)	(25.00)
Inflation Factor	rInflation	1.0000	1.0239	1.0484	1.0735	1.0992	1.1254	1.1524	1.1799	1.2081	1.2370	1.2666	1.2969	1.3279	1.3597	1.3922	1.4255	1.4596	1.4945	1.5303	1.5669
Levelized Charge	rLevel	13.73	14.06	14.40	14.74	15.10	15.46	15.83	16.20	16.59	16.99	17.40	17.81	18.24	18.67	19.12	0.00	0.00	0.00	0.00	0.00
Rate Base																					
Original Cost		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Accum. depreciation		(8.33)	(16.67)	(25.00)	(33.33)	(41.67)	(50.00)	(58.33)	(66.67)	(75.00)	(83.33)	(91.67)	(100.00)	(108.33)	(116.67)	(125.00)	(125.00)	(125.00)	(125.00)	(125.00)	(125.00)
ADIT- Federal		0.96	1.20	1.54	2.00	2.55	3.19	3.91	4.71	5.52	6.34	7.15	7.96	8.78	9.59	10.40	9.47	8.53	7.59	6.66	5.72
ADIT- State		0.42	0.66	0.91	1.15	1.39	1.63	1.87	2.11	2.36	2.60	2.84	3.08	3.32	3.56	3.81	3.44	3.08	2.72	2.36	1.99
Rate Base	rRateBase	93.05	85.19	77.45	69.81	62.27	54.82	47.45	40.16	32.88	25.60	18.32	11.05	3.77	(3.51)	(10.79)	(12.09)	(13.39)	(14.69)	(15.99)	(17.29)
Return on Rate Base	rReturn	6.39	5.85	5.32	4.80	4.28	3.77	3.26	2.76	2.26	1.76	1.26	0.76	0.26	(0.24)	(0.74)	(0.83)	(0.92)	(1.01)	(1.10)	(1.19)
Return on Equity	rROE	4.24	3.88	3.53	3.18	2.84	2.50	2.16	1.83	1.50	1.17	0.84	0.50	0.17	(0.16)	(0.49)	(0.55)	(0.61)	(0.67)	(0.73)	(0.79)
Revenue Requirement																					
Return on Rate Base		6.39	5.85	5.32	4.80	4.28	3.77	3.26	2.76	2.26	1.76	1.26	0.76	0.26	(0.24)	(0.74)	(0.83)	(0.92)	(1.01)	(1.10)	(1.19)
Depreciation expense		8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	0.00	0.00	0.00	0.00	0.00	0.00
FIT- Total		1.13	1.03	0.94	0.85	0.75	0.66	0.58	0.49	0.40	0.31	0.22	0.13	0.05	(0.04)	(0.13)	(0.15)	(0.16)	(0.18)	(0.19)	(0.21)
SIT- Total		0.33	0.30	0.28	0.25	0.22	0.20	0.17	0.14	0.12	0.09	0.07	0.04	0.01	(0.01)	(0.04)	(0.04)	(0.05)	(0.05)	(0.06)	(0.06)
O&M		1.68	1.72	1.76	1.80	1.84	1.89	1.93	1.98	2.03	2.08	2.13	2.18	2.23	2.28	2.34	2.39	2.45	2.51	2.57	2.63
Property tax		1.85	1.68	1.51	1.34	1.18	1.01	0.84	0.67	0.50	0.34	0.17	0.00	(0.17)	(0.34)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)
Insurance		0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16
Revenue Requirement	rRevReq	19.81	19.02	18.24	17.48	16.72	15.97	15.23	14.49	13.76	13.03	12.30	11.57	10.84	10.12	9.39	1.01	0.96	0.91	0.87	0.82

Sch 10E-5

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Meters Economic Carrying Charge Rate**

FIT																						
Return on Equity		4.24	3.88	3.53	3.18	2.84	2.50	2.16	1.83	1.50	1.17	0.84	0.50	0.17	(0.16)	(0.49)	(0.55)	(0.61)	(0.67)	(0.73)	(0.79)	
Depreciation expense		8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	0.00	0.00	0.00	0.00	0.00	
SIT Current		0.79	0.56	0.54	0.51	0.48	0.46	0.43	0.40	0.38	0.35	0.33	0.30	0.27	0.25	0.22	(0.43)	(0.44)	(0.44)	(0.45)	(0.45)	
FIT Depr Allowance		(3.75)	(7.22)	(6.68)	(6.18)	(5.71)	(5.28)	(4.89)	(4.52)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	(4.46)	
FIT Taxable Income	rFIT_Income	9.61	5.56	5.72	5.85	5.94	6.00	6.04	6.05	5.75	5.39	5.03	4.68	4.32	3.96	3.60	(5.45)	(5.51)	(5.57)	(5.64)	(5.70)	
FIT Current	rFIT_Curr	2.56	1.48	1.52	1.55	1.58	1.60	1.61	1.61	1.53	1.43	1.34	1.24	1.15	1.05	0.96	(1.45)	(1.46)	(1.48)	(1.50)	(1.52)	
FIT Total	rFIT_Total	1.13	1.03	0.94	0.85	0.75	0.66	0.58	0.49	0.40	0.31	0.22	0.13	0.05	(0.04)	(0.13)	(0.15)	(0.16)	(0.18)	(0.19)	(0.21)	
FIT Depreciation Allowance																						
FIT Deprec SL	rFIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
FIT Deprec DDB	rFIT_DDB	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Deprec Allow	rFITDep	3.75	7.22	6.68	6.18	5.71	5.28	4.89	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
FIT Basis	rFITBasis	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Deprec DDB Bal	rFIT_DDB_Bal	100.00	96.25	89.03	82.35	76.18	70.46	65.18	60.29	55.77	51.31	46.85	42.38	37.92	33.46	29.00	24.54	20.08	15.62	11.15	6.69	2.23
FIT Remaining Years	rFIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
FIT Deferred	rFIT_Defd	(0.96)	(0.23)	(0.35)	(0.45)	(0.55)	(0.64)	(0.72)	(0.80)	(0.81)	(0.81)	(0.81)	(0.81)	(0.81)	(0.81)	(0.81)	0.94	0.94	0.94	0.94	0.94	
FIT ADIT	rFIT_ADIT	(0.96)	(1.20)	(1.54)	(2.00)	(2.55)	(3.19)	(3.91)	(4.71)	(5.52)	(6.34)	(7.15)	(7.96)	(8.78)	(9.59)	(10.40)	(9.47)	(8.53)	(7.59)	(6.66)	(5.72)	
SIT																						
Return on Equity		4.24	3.88	3.53	3.18	2.84	2.50	2.16	1.83	1.50	1.17	0.84	0.50	0.17	(0.16)	(0.49)	(0.55)	(0.61)	(0.67)	(0.73)	(0.79)	
Depreciation expense		8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	0.00	0.00	0.00	0.00	0.00	
SIT Depr Allowance		(2.50)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	(5.00)	
SIT Taxable Income	rSIT_Income	10.08	7.22	6.87	6.52	6.17	5.83	5.50	5.16	4.83	4.50	4.17	3.84	3.51	3.17	2.84	(5.55)	(5.61)	(5.67)	(5.73)	(5.79)	
SIT Current	rSIT_Curr	0.79	0.56	0.54	0.51	0.48	0.46	0.43	0.40	0.38	0.35	0.33	0.30	0.27	0.25	0.22	(0.43)	(0.44)	(0.44)	(0.45)	(0.45)	
SIT Total	rSIT_Total	0.33	0.30	0.28	0.25	0.22	0.20	0.17	0.14	0.12	0.09	0.07	0.04	0.01	(0.01)	(0.04)	(0.04)	(0.05)	(0.05)	(0.06)	(0.06)	
SIT Depreciation Allowance																						
SIT Deprec SL	rSIT_SL	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Deprec DDB	rSIT_DDB	5.00	9.50	8.55	7.70	6.93	6.23	5.61	5.05	4.54	4.09	3.68	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	
SIT Deprec Allow	rSITDep	2.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
SIT Basis	rSITBasis	100.00	97.50	92.50	87.50	82.50	77.50	72.50	67.50	62.50	57.50	52.50	47.50	42.50	37.50	32.50	27.50	22.50	17.50	12.50	7.50	2.50
SIT Deprec DDB Bal	rSIT_DDB_Bal	100.00	95.00	85.50	76.95	69.26	62.33	56.10	50.49	45.44	40.89	36.80	33.12	29.64	26.15	22.66	19.18	15.69	12.20	8.72	5.23	1.74
SIT Remaining Years	rSIT_RemY	20.50	19.50	18.50	17.50	16.50	15.50	14.50	13.50	12.50	11.50	10.50	9.50	8.50	7.50	6.50	5.50	4.50	3.50	2.50	1.50	0.50
SIT Deferred	rSIT_Defd	(0.42)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	(0.24)	0.36	0.36	0.36	0.36	0.36	
SIT ADIT	rSIT_ADIT	(0.42)	(0.66)	(0.91)	(1.15)	(1.39)	(1.63)	(1.87)	(2.11)	(2.36)	(2.60)	(2.84)	(3.08)	(3.32)	(3.56)	(3.81)	(3.44)	(3.08)	(2.72)	(2.36)	(1.99)	

Sch 10F

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Electric Plant in Service**

Line	Account Description	Account No.	Balance (\$000s)	Primary and Secondary (\$000s)	Primary and Secondary %
1	C. TRANSMISSION PLANT				
2	Transmission Plant	350	4,922,876		
3	Subtotal - TRANSMISSION PLANT	350-359	4,922,876		
4					
5	D. DISTRIBUTION PLANT				
6	Land and Land Rights	360	77,052		
7	Structures and Improvements	361	66,104		
8	Station Equipment	362	1,249,811	1,249,811	20%
9	Poles, Towers and Fixtures	364	1,674,540	1,674,540	27%
10	Overhead Conductors and Devices	365	1,900,660	1,900,660	31%
11	Underground Conduit	366	338,353	338,353	6%
12	Underground Conductors & Devices	367	975,042	975,042	16%
13	Line Transformers	368	1,340,938		
14	Services	369	637,623		
15	Meters	370	409,302		
16	Installs on Customer Premises	371	10,585		
17	Street Lighting & Signal Systems	373	198,866		
18	Asset Retire Costs for Dist Plant	374	0		
19	Total Distribution Plant	360-373	8,878,876	6,138,406	100%
20					
21	TOTAL TRANSMISSION & DISTRIBUTION PLANT		13,801,752		
22					
23	II. DEPRECIATION RESERVE				
24	Transmission Plant	108.5	793,859		
25	Distribution- Land, Land Rights, Substations, S	108.5	283,875		
26	Distribution- PTF / OH / UG	108.5	1,483,657		
27	Distribution- Line Transformers	108.5	354,984		
28	Distribution- Services	108.5	303,909		
29	Distribution- Meters	108.5	68,876		
30	Distribution- Lighting	108.5	2,344		
31	Distribution- Other	108.5	66,409		
32	Total Depreciation Reserve	108	3,357,913		
33	Net Plant		10,443,839		
34					
35	Net Plant Summary				
36	Net Services Plant		333,714		
37	Net Meter Plant		340,426		
38	Net All Other Plant		9,769,699		
39	Net Plant for Tax Bases		10,443,839		

Sch 10G

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Other Taxes**

Line	Account Description	Account No.	Real Estate & Special Franchises (\$000)
1	General Taxes		
2	Municipal taxes	408.3	194,317
3	Other taxes	408	2,486
4	Subtotal - General Taxes		196,803
5			
6	Net Plant Summary		
7	Net Plant for Tax Bases	From Schedule 5A	9,769,699
8			
9	Tax rate for Transmission, Primary and Secondary Distribution and Transformers		2.014%
10			

Sch 10H

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026

**O&M Costs**

Line	Account Description	Account No.	Total	Transmission	Primary / Secondary	Transformers	Service	Meters	Labor
1	COST VALUES			4,922,876	6,138,406	2,359,601	4,470,130	905,415	
2	Source			Historical	Historical	Replacement	Replacement	Replacement	
3									
4	Purchased Power	555	1,393,185						
5	Transmission O&M	580	88,155	88,155					35.58%
6	Operation Supervision & Engineering	580	23,207						64.71%
7	Load Dispatching	581	9,617						86.97%
8	Station Expenses	582	6,397		6,397				48.68%
9	Overhead Line Expenses	583	13,905		11,800		2,105		64.57%
10	Underground Line Expenses	584	10,172		10,172				7.64%
11	Street Light and Signal Systems	585	1,063						45.34%
12	Meter Expenses	586	7,405					7,405	73.73%
13	Customer Installation Expenses	587	2,755						88.42%
14	Misc. Distribution Expenses	588	52,841						46.00%
15	Rents	589	495						0.00%
16	Maint Supervision & Engineering	590	5,304						5.90%
17	Maint of Structures	591	1,488		1,488				50.47%
18	Maintenance of Station Equipment	592	7,748		7,748				63.89%
19	Maintenance of Overhead Lines	593	325,349		276,106		49,243		36.41%
20	Maintenance of Underground Lines	594	11,551		11,551				35.99%
21	Maintenance of Line Transformers	595	1,723			1,723			61.93%
22	Maintenance of Street Lights	596	3,079						68.14%
23	Maintenance of Meters	597	1,141					1,141	83.87%
24	Maintenance of Misc. Plant	599	5,167						7.84%
25	Total - OPER. AND MAINT. EXP.	500-599	1,971,747	88,155	325,263	1,723	51,347	8,546	
26									
27	Labor Content	233,453	180,030	31,368	121,891	1,067	19,287	6,417	
28	Total Labor costs			289,810	289,810	289,810	289,810	289,810	
29	% of Total Labor in items above			10.82%	42.06%	0.37%	6.65%	2.21%	
30	Total Labor-related costs			300,077	300,077	300,077	300,077	300,077	
31	Applicable Labor-related costs			32,479	126,209	1,105	19,970	6,644	
32									
33	Total Costs			120,634	451,472	2,828	71,317	15,190	
34									
35	O&M Rates as % of cost			2.45%	7.35%	0.12%	1.60%	1.68%	
36									
37	Allocation of O&M to Plant Components								
38	Poles, Towers and Fixtures	364	1,674,540						
39	Overhead Conductors and Devices	365	1,900,660	85%					
40	Services	369	637,623	15%					
41	Total		4,212,823						

Sch 101

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
**Transmission Capital Costs**

Line	Substations	Transmission Lines	Total
1 Total cost	\$161,694,532	\$229,330,535	
2 MW Added	1,719	1,120	
3 Cost per MW	\$94,063	\$204,759	\$298,823
4 Cost per kW	\$94.06	\$204.76	\$298.82
5			
6 Inflation			102.4%
7 Apply for 2 Years			1.048
8 Cost per kW Demand			\$313.29





Sch 10K

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026

**Transformers Capital Costs**

Line	Rate Class	Includes	Trans-NCP	Total Transformers Cost	Total Transformers Cost per kW- Test Year	Cost Inflation	Total Transformers Cost per kW
1	Residential	SC-1	2,663,222	1,542,155	\$0.58	1.048	\$0.61
2	Residential TOU	SC-1C	48,299	4,738	\$0.10	1.048	\$0.10
3	Small General No Dem	SC-2-ND	166,365	101,380	\$0.61	1.048	\$0.64
4	Small General Demand	SC-2-Dem	767,975	404,431	\$0.53	1.048	\$0.55
5	Large General-Sec	SC-3-S	715,316	221,855	\$0.31	1.048	\$0.33
6	Large General-Pri	SC-3-P	293,467	43,531	\$0.15	1.048	\$0.16
7	Large General-Tran	SC-3-T	117,144	10,937	\$0.09	1.048	\$0.10
8	Large General TOU-S/P	SC-3A-S/P	192,505	3,752	\$0.02	1.048	\$0.02
9	Large General TOU-U	SC-3A-U	257,031	4,150	\$0.02	1.048	\$0.02
10	Large General TOU-T	SC-3A-T	872,848	5,640	\$0.01	1.048	\$0.01
11	Lighting	SC-L	702	17,032	\$24.25	1.048	\$25.42
12			6,094,875	2,359,601	\$0.39	1.048	\$0.41
13							
14							
15	Inflation	102.4%					
16	Apply for 2 Years	1.048					

Sch 10L

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026

**Services Capital Costs**

Line	Rate Class	Includes	Customers	Total Services Cost	Average Services Cost-Test Year	Cost Inflation	Average Services Cost-Rate Year
1	Residential	SC-1	1,528,825	3,755,034	\$2.46	1.048	\$2.58
2	Residential TOU	SC-1C	4,698	11,538	\$2.46	1.048	\$2.58
3	Small General No Dem	SC-2-ND	129,402	458,340	\$3.54	1.048	\$3.71
4	Small General Demand	SC-2-Dem	48,077	222,491	\$4.63	1.048	\$4.85
5	Large General-Sec	SC-3-S	3,759	17,395	\$4.63	1.048	\$4.85
6	Large General-Pri	SC-3-P	738	3,413	\$4.63	1.048	\$4.85
7	Large General-Tran	SC-3-T	185	858	\$4.63	1.048	\$4.85
8	Large General TOU-S/P	SC-3A-S/P	64	294	\$4.63	1.048	\$4.85
9	Large General TOU-U	SC-3A-U	70	325	\$4.63	1.048	\$4.85
10	Large General TOU-T	SC-3A-T	96	442	\$4.63	1.048	\$4.85
11	Lighting	SC-L	10,329	0		1.048	-
12			<u>1,726,242</u>	<u>4,470,130</u>			
13							
14	Inflation	102.4%					
15	Apply for 2 Years	1.048					

Sch 10M

Niagara Mohawk Power Company (Electric) dba National Grid  
Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026

**Meter Costs**

Line	Rate Class	Rate Code	Customer Counts	Meter Costs Test Year	Total Meter Costs Test Year	Cost Inflation	Meter Costs Rate Year	Total Meter Costs Rate Year
1	Residential	SC-1	1,528,825	\$354.26	\$541,597,858	1.048	\$371.41	\$567,814,814
2	Residential TOU	SC-1C	4,698	\$541.68	2,544,556	1.048	\$567.90	2,667,729
3	Small General No Dem	SC-2-ND	129,402	\$385.51	49,886,034	1.048	\$404.17	52,300,851
4	Small General Demand	SC-2-Dem	48,077	\$5,076.70	244,071,803	1.048	\$5,322.45	255,886,510
5	Large General-Sec	SC-3-S	3,759	\$8,173.32	30,721,139	1.048	\$8,568.97	32,208,248
6	Large General-Pri	SC-3-P	738	\$14,014.26	10,335,765	1.048	\$14,692.65	10,836,085
7	Large General-Tran	SC-3-T	185	\$73,105.96	13,546,211	1.048	\$76,644.77	14,201,938
8	Large General TOU-S/P	SC-3A-S/P	64	\$9,208.59	585,295	1.048	\$9,654.35	613,627
9	Large General TOU-U	SC-3A-U	70	\$73,105.96	5,140,342	1.048	\$76,644.77	5,389,169
10	Large General TOU-T	SC-3A-T	96	\$73,105.96	6,985,650	1.048	\$76,644.77	7,323,802
11	Lighting	SC-L	10,329		0	1.048	\$0.00	0
12	Totals		<u>1,726,242</u>		<u>\$905,414,653</u>			<u>\$949,242,773</u>
13								
14	Inflation	102.4%						
15	Apply for 2 Years	1.048						

Sch 10N

**Marginal Class Study (\$000s)- Rate Year Ending March 31, 2026  
Excelsior Jobs Program (EJP) Marginal Rates**

Line	Rate Class	Marginal Demand Cost (000s)	MWh Deliveries	Billed kW	Proposed EJP Rate Per kWh			Proposed EJP Rate Per kW- Demand			Proposed EJP Rate (Per kW/kWh)
					Before ETIP	ETIP	Total	Before ETIP	ETIP	Total	Total
1	<b>Rate Year 1</b>										
2	Residential	\$382,719	11,561,688								
3	Residential TOU	\$6,939	273,050								
4	Small General No Dem	\$9,723	738,122		<b>\$0.01317</b>	<b>(\$0.00363)</b>	<b>\$0.00954</b>				<b>\$0.00954</b>
5	Small General Demand	\$44,877	3,944,418	13,413,170				<b>\$3.35</b>	<b>\$ -</b>	<b>\$3.35</b>	<b>\$3.35</b>
6	Large General-Sec	\$48,541	4,104,865	10,664,516				<b>\$4.55</b>	<b>\$ 0.03</b>	<b>\$4.58</b>	<b>\$4.58</b>
7	Large General-Pri	\$17,759	1,915,605	4,427,737				<b>\$4.01</b>	<b>\$ 0.09</b>	<b>\$4.10</b>	<b>\$4.10</b>
8	Large General-Tran	\$3,185	819,542	1,892,723				<b>\$1.68</b>	<b>\$ 0.15</b>	<b>\$1.83</b>	<b>\$1.83</b>
9	Large General TOU-S/P	\$11,683	1,305,847	2,793,623				<b>\$4.18</b>	<b>\$ 0.16</b>	<b>\$4.34</b>	<b>\$4.34</b>
10	Large General TOU-U	\$15,430	1,867,730	3,705,145				<b>\$4.16</b>	<b>\$ 0.15</b>	<b>\$4.31</b>	<b>\$4.31</b>
11	Large General TOU-T	\$23,724	7,577,470	15,100,424				<b>\$1.57</b>	<b>\$ 0.35</b>	<b>\$1.92</b>	<b>\$1.92</b>
12	Lighting	\$0	127,171								
13	Total	<u>\$564,580</u>	<u>34,235,509</u>	<u>51,997,339</u>							
14											
15	<b>Rate Year 2</b>										
16	Residential	\$382,719	11,622,551								
17	Residential TOU	\$6,939	274,487								
18	Small General No Dem	\$9,723	737,912		<b>\$0.01318</b>	<b>(\$0.00364)</b>	<b>\$0.00954</b>				<b>\$0.00954</b>
19	Small General Demand	\$44,877	3,942,203	13,405,658				<b>\$3.35</b>	<b>\$ -</b>	<b>\$3.35</b>	<b>\$3.35</b>
20	Large General-Sec	\$48,541	4,093,166	10,634,530				<b>\$4.56</b>	<b>\$ 0.03</b>	<b>\$4.59</b>	<b>\$4.59</b>
21	Large General-Pri	\$17,759	1,908,476	4,411,730				<b>\$4.03</b>	<b>\$ 0.09</b>	<b>\$4.12</b>	<b>\$4.12</b>
22	Large General-Tran	\$3,185	814,708	1,882,547				<b>\$1.69</b>	<b>\$ 0.15</b>	<b>\$1.84</b>	<b>\$1.84</b>
23	Large General TOU-S/P	\$11,683	1,293,041	2,767,326				<b>\$4.22</b>	<b>\$ 0.16</b>	<b>\$4.38</b>	<b>\$4.38</b>
24	Large General TOU-U	\$15,430	1,850,052	3,670,038				<b>\$4.20</b>	<b>\$ 0.15</b>	<b>\$4.35</b>	<b>\$4.35</b>
25	Large General TOU-T	\$23,724	7,491,704	14,925,558				<b>\$1.59</b>	<b>\$ 0.35</b>	<b>\$1.94</b>	<b>\$1.94</b>
26	Lighting	\$0	125,525								
27	Total	<u>\$564,580</u>	<u>34,153,826</u>	<u>51,697,389</u>							
28											
29	<b>Rate Year 3</b>										
30	Residential	\$382,719	11,773,510								
31	Residential TOU	\$6,939	278,053								
32	Small General No Dem	\$9,723	730,196		<b>\$0.01332</b>	<b>(\$0.00367)</b>	<b>\$0.00965</b>				<b>\$0.00965</b>
33	Small General Demand	\$44,877	3,898,612	13,257,434				<b>\$3.39</b>	<b>\$ -</b>	<b>\$3.39</b>	<b>\$3.39</b>
34	Large General-Sec	\$48,541	4,043,750	10,506,238				<b>\$4.62</b>	<b>\$ 0.03</b>	<b>\$4.65</b>	<b>\$4.65</b>
35	Large General-Pri	\$17,759	1,884,955	4,357,457				<b>\$4.08</b>	<b>\$ 0.09</b>	<b>\$4.17</b>	<b>\$4.17</b>
36	Large General-Tran	\$3,185	803,917	1,858,257				<b>\$1.71</b>	<b>\$ 0.15</b>	<b>\$1.86</b>	<b>\$1.86</b>
37	Large General TOU-S/P	\$11,683	1,274,887	2,729,607				<b>\$4.28</b>	<b>\$ 0.17</b>	<b>\$4.45</b>	<b>\$4.45</b>
38	Large General TOU-U	\$15,430	1,822,897	3,616,345				<b>\$4.27</b>	<b>\$ 0.15</b>	<b>\$4.42</b>	<b>\$4.42</b>
39	Large General TOU-T	\$23,724	7,374,068	14,688,557				<b>\$1.62</b>	<b>\$ 0.34</b>	<b>\$1.96</b>	<b>\$1.96</b>
40	Lighting	\$0	116,676								
41	Total	<u>\$564,580</u>	<u>34,001,519</u>	<u>51,013,895</u>							

**NMPC Electric Re-establishment Fees Per Rule 9**

'First Meter' Fees are for non-seasonal reconnects, and for seasonal customer disconnects and reconnects, for the first meter

'Additional Meter(s)' Fees are for each additional meter reconnection at the same location of a Seasonal customer performed at same time as the first meter, after the first meter is charged

EAP customers are exempt from all reconnect fees when they have had their service disconnected for non-payment

		<b>First Meter</b>				<b>Additional Meter(s)</b>			
Costs		Normal Hours - At the Meter	After Hours - At the Meter	Normal Hours - At the Pole	After Hours - At the Pole	Normal Hours - At the Meter	After Hours - At the Meter	Normal Hours - At the Pole	After Hours - At the Pole
<b>Customer Service <sup>1</sup></b>									
1	Office Work (minutes)	6	6	6	6	0	0	0	0
2	Base Hourly Rate <sup>2</sup>	\$45.93	\$45.93	\$45.93	\$45.93	\$45.93	\$45.93	\$45.93	\$45.93
3	Total Customer Service Cost	\$4.59	\$4.59	\$4.59	\$4.59	\$0.00	\$0.00	\$0.00	\$0.00
4	Overhead % <sup>3</sup>	48.09%							
<b>Service Dept. Dispatching <sup>4</sup></b>									
5	Dispatching (minutes)	0.5	0.5			0	0		
6	Dispatching Base Hourly Rate (paygroup 20)	\$51.69	\$53.26			\$51.69	\$53.26		
7	Dispatching Labor + OH Rate	\$76.55	\$78.87			\$76.55	\$78.87		
8	Subtotal Service Dispatch Cost	\$0.64	\$0.66			\$0.00	\$0.00		
<b>Service Dept. Travel &amp; Work</b>									
9	Travel (minutes)	25	25			0	0		
	Service Work (minutes)	18	18			16	16		
	Service Base Hourly Rate (paygroup 20)	\$51.69	\$53.26			\$51.69	\$53.26		
	Service (Labor + OH) Rate	\$76.55	\$78.87			\$76.55	\$78.87		
	Subtotal Service Travel & Work Cost	\$54.86	\$56.53			\$20.41	\$21.03		
<b>Service Dept. Transportation <sup>5</sup></b>									
	Transporation (miles) *	6	14			0	0		
	Cost/Mile	\$1.56	\$1.56			\$1.56	\$1.56		
	Subtotal Service Transportation	\$9.36	\$21.84			\$0.00	\$0.00		
	Total Service Dept. Costs	\$64.86	\$79.02			\$20.41	\$21.03		
<b>Line Dept. Dispatching</b>									
	Dispatching (minutes)			2.5	2.5			0	0
	Dispatching Base Hourly Rate (paygroup 24)			\$61.75	\$61.75			\$61.75	\$61.75
	Dispatching Labor + OH Rate			\$91.45	\$91.45			\$91.45	\$91.45
	Subtotal Line Dispatch Cost			\$3.81	\$3.81			\$0.00	\$0.00
<b>Line Dept. Travel &amp; Field</b>									
	Travel (minutes)			45	90			0	0
	Field Contact (minutes)			35	35			35	35
	Line dept. Base Hourly Rate (paygroup 20)			\$51.690	\$53.260			\$51.690	\$53.260
	Line dept (Labor + OH) Rate			\$76.55	\$78.87			\$76.55	\$78.87
	Subtotal Line Travel & Field Cost			\$102.06	\$164.32			\$44.65	\$46.01
<b>Line Dept. Transportation <sup>6</sup></b>									
	Transportation - Line Crew (miles)*			\$19.00	\$38.00			\$0.00	\$0.00
	Cost/Mile			\$4.74	\$4.74			\$4.74	\$4.74
	Subtotal Line Transportation			\$90.06	\$180.23			\$0.00	\$0.00
	Total Line Dept. Costs			\$195.93	\$348.36			\$44.65	\$46.01
	Total Labor & Transportation	\$69.45	\$83.62	\$200.53	\$352.96	\$20.41	\$21.03	\$44.65	\$46.01
	A&G OH%	14.65%							
	A&G Overheads	\$10.17	\$12.25	\$29.38	\$51.71	\$2.99	\$3.08	\$6.54	\$6.74
	Total	\$79.62	\$95.87	\$229.90	\$404.66	\$23.40	\$24.11	\$51.19	\$52.75

**Proposed Fees:**

<b>First Meter</b>			
Normal Hours - At the Meter	After Hours - At the Meter	Normal Hours - At the Pole	After Hours - At the Pole
<b>\$80.00</b>	<b>\$96.00</b>	<b>\$230.00</b>	<b>\$405.00</b>

<b>Additional Meter(s)</b>			
Normal Hours - At the Meter	After Hours - At the Meter	Normal Hours - At the Pole	After Hours - At the Pole
<b>\$23.00</b>	<b>\$24.00</b>	<b>\$51.00</b>	<b>\$53.00</b>

\*Transportation is for travel both ways if after hours

(1) Customer Service per minute

(2) Hourly rate based on Wage Schedule effective 3/28/24

(3) Overheads include benefits, insurance and taxes plus bonus accrual and time not worked

(4) Service Dispatching costs per mile

(5) Service Department Travel Time and Service Work (wrench time)

(6) Line Department Travel time and Service Work

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of Paperless Billing Credit

Line	Notes		A		B	
			Billing costs for Historic Test Year ended 12/31/23		Billing Costs Adjusted for Inflation	
		<b><i>Paper Billing Costs:</i></b>				
1	Per Page 2, Line 2	Print	\$	349,684	\$	368,784
2	Per Page 2, Line 3	Insert	\$	371,746	\$	392,051
3	Per Page 2, Line 4	Commingle	\$	32,825	\$	34,618
4	Per Page 2, Line 5	Composition	\$	231,513	\$	244,159
5	Per Page 2, Line 6	Envelopes	\$	396,605	\$	418,267
6	Per Page 2, Line 7	Paper	\$	356,272	\$	375,731
7	Per Page 2, Line 8	Postage	\$	6,597,987	\$	6,958,369
8	Per Page 2, Line 9	Archive	\$	261,567	\$	275,854
9	Per Page 2, Line 10	Other	\$	51,217	\$	54,014
10	Per Page 2, Line 11	Tax	\$	115,638	\$	121,954
11	Sum of Lines 1-10	Total	\$	8,765,055	\$	9,243,803
12	Per Page 2, Line 1	Paper Bill Volume		13,697,083		13,697,083
13	Line 11 / Line 12	Cost per Paper Bill	\$	0.64	\$	0.67
		<b><i>Electronic Billing Costs CY 2023:</i></b>				
			Billing costs for Historic Test Year ended 12/31/23		Billing Costs Adjusted for Inflation	
14	Per Page 3, Line 18	Striata Costs	\$	390,145	\$	411,455
15	Per Page 3, Line 16	FISERV Costs	\$	39,738	\$	41,908
16	Per Page 3, Line 20	DOXO Costs	\$	-	\$	-
17	Per Page 3, Line 22	Archive	\$	148,767	\$	156,893
18	Sum of Lines 14-17	Total E-Bill Costs	\$	578,650	\$	610,256
19	Per Page 3, Lines 12-14	E-Bills Delivered - Striata		7,425,487		7,425,487
20	Line 15 / Line 16	E-Bills Delivered - Fiserv		222,926		222,926
21	Line 9 - Line 17	E-Bill Accts Enrolled - DOXO		114,632		114,632
22	Sum of Lines 19 - 21	E-Bill account Volume		7,763,045		7,763,045
23	Line 18 / Line 22	Cost per Electronic Bill	\$	0.07	\$	0.08
24	Line 13 - Line 23	Estimated Paperless Savings (per monthly bill)	\$	0.57	\$	0.60
25	Line 24, Col. B	<b><i>Proposed Paperless Billing Credit (per monthly bill)</i></b>			<b>\$</b>	<b>0.60</b>
		<b><i>Savings Estimate</i></b>				
			Billing costs for Historic Test Year ended 12/31/23		Billing Costs Adjusted for Inflation	
26	Line 22 * Line 24	Paperless Savings at E-Bill account Volume	\$	4,389,087	\$	4,657,827
27	Line 26 * 0.7258	Electric (72.58%)	\$	3,185,600	\$	3,380,651
28	Line 26 * 0.2742	Gas (27.42%)	\$	1,203,488	\$	1,277,176
29	Line 27 + Line 28	Total	\$	4,389,087	\$	4,657,827

## Additional Notes:

General Inflation Rate (historic test year to rate year) used in Col B 5.4620%

Electric % (0.7258) is per Company Allocation Code C113 from "Allocation-Table-on-Grid-Home-FY24.xlsx, E&G Retails-NiMo"

Gas % (0.2742) is per Company Allocation Code C113 from "Allocation-Table-on-Grid-Home-FY24.xlsx, E&G Retails-NiMo"

Line 26 is per Appendix 1, Schedule 1

## NMPC Paper Billing Costs

		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023 Total
1	Volume	1,152,596	1,086,257	1,220,150	1,072,398	1,155,844	1,184,723	1,113,951	1,201,099	1,162,385	1,095,019	1,083,518	1,169,143	13,697,083
2	Print	\$ 31,855.06	\$ 27,485.72	\$ 31,094.82	\$ 27,067.79	\$ 29,250.71	\$ 29,990.79	\$ 28,204.75	\$ 30,314.06	\$ 29,352.29	\$ 27,647.38	\$ 27,319.70	\$ 30,101.32	\$349,684.40
3	Insert	\$ 31,603.70	\$ 30,343.64	\$ 29,662.57	\$ 28,861.79	\$ 28,017.99	\$ 31,760.34	\$ 29,878.72	\$ 35,184.25	\$ 34,100.07	\$ 29,548.73	\$ 26,148.43	\$ 36,636.25	\$371,746.47
4	Commingle	\$ 2,255.64	\$ 2,497.44	\$ 2,819.99	\$ 2,483.72	\$ 2,601.96	\$ 2,723.34	\$ 2,627.25	\$ 2,740.79	\$ 2,973.56	\$ 2,716.26	\$ 2,658.45	\$ 3,726.76	\$32,825.17
5	Composition	\$ -	\$ 12,700.32	\$ 22,981.46	\$ 20,048.93	\$ 21,759.79	\$ 22,444.95	\$ 21,207.24	\$ 22,800.46	\$ 22,139.50	\$ 21,099.01	\$ 20,692.94	\$ 23,638.88	\$231,513.48
6	Envelopes	\$ 33,290.66	\$ 31,442.89	\$ 35,334.28	\$ 31,028.60	\$ 33,441.04	\$ 34,307.78	\$ 32,306.47	\$ 34,868.06	\$ 33,747.19	\$ 31,747.53	\$ 31,438.92	\$ 33,651.46	\$396,604.89
7	Paper	\$ 32,522.89	\$ 28,059.80	\$ 31,742.83	\$ 27,633.32	\$ 29,860.52	\$ 30,616.19	\$ 28,793.52	\$ 30,945.91	\$ 29,964.21	\$ 28,224.78	\$ 27,890.09	\$ 30,017.56	\$356,271.62
8	Postage	\$ 532,124.16	\$ 516,434.85	\$ 599,805.81	\$ 478,995.09	\$ 531,004.38	\$ 553,485.61	\$ 569,490.06	\$ 571,205.09	\$ 578,401.21	\$ 544,878.26	\$ 529,350.15	\$ 592,812.49	\$6,597,987.16
9	Archive	\$ 20,704.28	\$ 19,782.01	\$ 19,972.72	\$ 19,853.63	\$ 20,005.01	\$ 22,427.49	\$ 23,640.26	\$ 23,166.86	\$ 22,702.21	\$ 23,040.14	\$ 23,181.45	\$ 23,091.32	\$261,567.38
10	Other	\$ 2,127.87	\$ 3,078.38	\$ 4,814.62	\$ 6,294.56	\$ 4,883.68	\$ 4,321.93	\$ 6,635.11	\$ 3,297.92	\$ 4,407.92	\$ 4,499.96	\$ 4,026.24	\$ 2,828.61	\$51,216.80
11	Tax	\$ 8,882.78	\$ 8,790.28	\$ 10,366.82	\$ 9,099.01	\$ 9,613.45	\$ 10,068.98	\$ 9,487.94	\$ 10,396.64	\$ 10,096.58	\$ 9,349.72	\$ 9,029.25	\$ 10,456.40	\$115,637.85
12	Total Cost	\$ 695,367.04	\$ 680,615.34	\$ 788,595.93	\$ 651,366.44	\$ 710,438.53	\$ 742,147.39	\$ 752,271.31	\$ 764,920.04	\$ 767,884.75	\$ 722,751.77	\$ 701,735.62	\$ 786,961.05	\$8,765,055.22
13	Cost per Bill	\$ 0.60331	\$ 0.62657	\$ 0.64631	\$ 0.60739	\$ 0.61465	\$ 0.62643	\$ 0.67532	\$ 0.63685	\$ 0.66061	\$ 0.66004	\$ 0.64765	\$ 0.67311	\$ 0.63992

Notes:

Notes:

1 Number of NMPC Electric Paper Bills.

2-11 Costs of producing a paper bill.

12 Sum of Lines 1-12.

13 Line 12 / Line 1

**NMPC Paper Bill Costs vs Electronic Bill Costs**

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
<b>Paper Bill Costs (per bill):</b>												
1 Print	\$ 0.02764	\$ 0.02530	\$ 0.02548	\$ 0.02524	\$ 0.02531	\$ 0.02531	\$ 0.02532	\$ 0.02524	\$ 0.02525	\$ 0.02525	\$ 0.02521	\$ 0.02575
2 Insert	\$ 0.02742	\$ 0.02793	\$ 0.02431	\$ 0.02691	\$ 0.02424	\$ 0.02681	\$ 0.02682	\$ 0.02929	\$ 0.02934	\$ 0.02698	\$ 0.02413	\$ 0.03134
3 Commingle	\$ 0.00196	\$ 0.00230	\$ 0.00231	\$ 0.00232	\$ 0.00225	\$ 0.00230	\$ 0.00236	\$ 0.00228	\$ 0.00256	\$ 0.00248	\$ 0.00245	\$ 0.00319
4 Composition	\$ -	\$ 0.01169	\$ 0.01883	\$ 0.01870	\$ 0.01883	\$ 0.01895	\$ 0.01904	\$ 0.01898	\$ 0.01905	\$ 0.01927	\$ 0.01910	\$ 0.02022
5 Envelopes	\$ 0.02888	\$ 0.02895	\$ 0.02896	\$ 0.02893	\$ 0.02893	\$ 0.02896	\$ 0.02900	\$ 0.02903	\$ 0.02903	\$ 0.02899	\$ 0.02902	\$ 0.02878
6 Paper	\$ 0.02822	\$ 0.02583	\$ 0.02602	\$ 0.02577	\$ 0.02583	\$ 0.02584	\$ 0.02585	\$ 0.02576	\$ 0.02578	\$ 0.02578	\$ 0.02574	\$ 0.02567
7 Postage	\$ 0.46167	\$ 0.47543	\$ 0.49158	\$ 0.44666	\$ 0.45941	\$ 0.46719	\$ 0.51123	\$ 0.47557	\$ 0.49760	\$ 0.49760	\$ 0.48855	\$ 0.50705
8 Archive	\$ 0.01796	\$ 0.01821	\$ 0.01637	\$ 0.01851	\$ 0.01731	\$ 0.01893	\$ 0.02122	\$ 0.01929	\$ 0.01953	\$ 0.02104	\$ 0.02139	\$ 0.01975
9 Other	\$ 0.00185	\$ 0.00283	\$ 0.00395	\$ 0.00587	\$ 0.00423	\$ 0.00365	\$ 0.00596	\$ 0.00275	\$ 0.00379	\$ 0.00411	\$ 0.00372	\$ 0.00242
10 Tax	\$ 0.00771	\$ 0.00809	\$ 0.00850	\$ 0.00848	\$ 0.00832	\$ 0.00850	\$ 0.00852	\$ 0.00866	\$ 0.00869	\$ 0.00854	\$ 0.00833	\$ 0.00894
11 <b>Total</b>	\$ 0.60331	\$ 0.62657	\$ 0.64631	\$ 0.60739	\$ 0.61465	\$ 0.62643	\$ 0.67532	\$ 0.63685	\$ 0.66061	\$ 0.66004	\$ 0.64765	\$ 0.67311
<b>Electronic Bill Costs (per bill):</b>												
12 e-Bills Delivered - Striata	605,782	590,860	597,513	559,507	613,540	616,555	619,162	624,050	629,158	636,949	642,856	689,555
13 e-Bills Delivered - Fiserv	17,574	17,497	19,143	17,257	18,529	19,598	17,995	19,832	19,805	18,023	18,177	19,496
14 e-Bill Accts Enrolled - DOXO	8,869	8,934	9,856	9,826	9,743	9,728	9,706	9,647	9,646	9,634	9,550	9,493
15 Total e-Bill Volume	632,226	617,291	626,512	586,590	641,812	645,881	646,863	653,529	658,609	664,606	670,583	718,544
16 FISERV surcharge	3,163	3,149	3,254	3,106	3,335	3,332	3,239	3,570	3,565	3,244	3,272	3,509
17 Average FISERV cost/bill	\$ 0.00500	\$ 0.00510	\$ 0.00519	\$ 0.00530	\$ 0.00520	\$ 0.00516	\$ 0.00501	\$ 0.00546	\$ 0.00541	\$ 0.00488	\$ 0.00488	\$ 0.00488
18 STRIATA surcharge	38,491	36,042	35,960	34,355	41,500	39,989	41,525	41,513	41,562	12,655	12,876	13,677
19 Average STRIATA cost/bill	\$ 0.06088	\$ 0.05839	\$ 0.05740	\$ 0.05857	\$ 0.06466	\$ 0.06191	\$ 0.06419	\$ 0.06352	\$ 0.06311	\$ 0.01904	\$ 0.01920	\$ 0.01903
20 DOXO surcharge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21 Average DOXO cost/bill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22 Archive	\$ 0.01796	\$ 0.01821	\$ 0.01637	\$ 0.01851	\$ 0.01731	\$ 0.01893	\$ 0.02122	\$ 0.01929	\$ 0.01953	\$ 0.02104	\$ 0.02139	\$ 0.01975
23 FISERV Costs	\$ 0.00500	\$ 0.00510	\$ 0.00519	\$ 0.00530	\$ 0.00520	\$ 0.00516	\$ 0.00501	\$ 0.00546	\$ 0.00541	\$ 0.00488	\$ 0.00488	\$ 0.00488
24 Striata Costs	\$ 0.06088	\$ 0.05839	\$ 0.05740	\$ 0.05857	\$ 0.06466	\$ 0.06191	\$ 0.06419	\$ 0.06352	\$ 0.06311	\$ 0.01904	\$ 0.01920	\$ 0.01903
25 DOXO Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26 <b>Total Electronic Costs</b>	\$ 0.08385	\$ 0.08170	\$ 0.07896	\$ 0.08238	\$ 0.08716	\$ 0.08600	\$ 0.09042	\$ 0.08827	\$ 0.08805	\$ 0.04496	\$ 0.04548	\$ 0.04367
<b>Paperless Savings (per bill):</b>	\$ 0.51946	\$ 0.54487	\$ 0.56735	\$ 0.52502	\$ 0.52748	\$ 0.54043	\$ 0.58489	\$ 0.54858	\$ 0.57256	\$ 0.61507	\$ 0.60217	\$ 0.62944

Notes:

- 1-10 Page 2, Lines 2-11 / Page 2, Line 1
- 11 Sum of Lines 1-10.
- 12 Number of customers enrolled in Striata
- 13 Number of customers enrolled in FISERV
- 14 Number of customers enrolled in DOXO
- 15 Sum of Lines 12-15
- 16 Represents the payments to FISERV to facilitate electronic payments.
- 17 Line 16 / Line 15
- 18 Represents the payments to Striata/Western Union for email delivery of NG eBills to enrolled customers.
- 19 Line 18 / Line 15
- 20 No Doxo costs. Doxo collects fees directly from customers enrolled in the service.
- 21 Line 21 / Line 15
- 22 Fees paid to house historical customer bills electronically.
- 23 Line 17
- 24 Line 19
- 25 Line 21
- 26 Sum of Lines 22 - 25.



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Development of Competitive Billing Backout Credit

	Proposed Billing Backout Credit for Electric and Gas customers
1 Electric Competitive Billing Revenue Requirement	\$ 20,151,773
2 Adjustment to remove paperless billing credit normalization	\$ (3,380,651)
3 Adjusted Competitive Billing Revenue Requirement	\$ 16,771,122
4 Gas Comp Billing Revenue Requirement	\$ 3,872,779
5 Adjustment to Remove paperless billing credit normalization	\$ (1,277,176)
6 Adjusted Competitive Billing Revenue Requirement	\$ 2,595,603
7 Total Adjusted Competitive Billing Revenue Requirement	\$ 19,366,725
8 Total Forecast Rate Year Customer Bills	20,714,900
9 Total "Gas Only" Customer Accounts	605,736
10 Total # of Bills	21,320,636
11 Total Monthly Billing Costs	\$ 0.91
12 Proposed Monthly Billing Back Out Credits	\$ 0.92

- 1 Supported by Appendix 2, Schedule 3I, Line 16
- 2 Supported by Appendix 2, Schedule 11.2, Line 27
- 3 Line 1 + Line 2
- 4 Supported by Appendix 3, Schedule 3H, Line 19
- 5 Supported by Appendix 2, Schedule 11.2, Line 28
- 6 Line 4 + Line 5
- 7 Line 3 + Line 6
- 8 Supported by Appendix 2, Schedule 3B, Page 1, Column A
- 9 Gas only customers based on February 2024 CSS extract \* 12
- 10 Line 4 + Line 5
- 11 Line 3 / Line 6
- 12 Proposed Monthly billing backout credit to allow Company an equal credit or \$0.46 for both Electric and Gas

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
Calculation of Metering Communication Incremental Customer Charge  
for Demand Response Programs

Service Costs

1 Field Tester Labor (\$/hour)	\$	53.77
2 Labor Overhead (%)		48.09%
3 Transportation (\$/hour)	\$	3.25
4 Subtotal per hour estimated charge per maintenance call	\$	82.88
5 S&A Overhead (%)		14.65%
6 Total per hour estimated charge per maintenance call	\$	95.02
7 Average # of hours per maintenance call (including travel time)		3.0
8 Total charge per maintenance call	\$	285.06
9 Number of service/work orders from CY2023:	No. Work Orders	
	Itron Enterprise Edition (IEE) System:	389
	Multiple Meter Vendor 90 (MV90):	1056
		1,445
10 Estimated CY2023 charges for service/work orders	\$	411,910.05
11 Estimate monthly charge for service/work orders	\$	34,325.84
12 Number of cell phone lines from MV90		2,046
13 Number of cell phone lines from IEE		1,050
14 Number of land line connections from MV90		220
15 Total number of phone connections		3,316
16 Average monthly maintenance cost per connection	\$	10.35

Technical Costs

17	Monthly Service cost per cell phone line (Verizon Wireless)					\$	0.56
	Monthly Service cost per landline						
		Rate		Blended			
	Charge Type	(\$/mo.)	% of Ea.	Rate			
18	Granite Recurring Charge	\$ 45.50	98%	\$ 44.59			
19	Verizon Recurring Charge	\$ 42.63	2%	\$ 0.85	\$		45.44
	Monthly Service cost for Primary Rate Interface (PRI) Circuit (for NY portion of circuit system)						
20	Granite Circuit Charge			\$ 1,053.00			
21	AT&T Long Distance Charge			\$ 1,155.00	\$		2,208.00
22	Total monthly service costs for cell phone and landlines				\$		13,938.56
23	Blended average of cell phone and land line monthly service costs				\$		4.20
24	Total Monthly Metering Communication Incremental Customer Charge					\$	14.56

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID  
 Calculation of Metering Communication Incremental Customer Charge  
 for Demand Response Programs

Notes:

- 1 Meter & Test Field Tester E (PG22-step 4), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023.
- 2 NMPC non-management Labor Overhead rate; as of November 2023.
- 3 Cost per hour of Van Compact AWD vehicle with fuel; per Fleet Management; 2024 Rate.
- 4 Line 1 x (1+Line 2) + Line 3
- 5 NMPC Supervision & Administrative Overhead rate; as of September 2023.
- 6 Line 4 x (1+Line 5)
- 7 Estimated length of maintenance call including travel time; per Meter Data Service & Customer Meter Services.
- 8 Line 6 x Line 7
- 9 Number of meter service work orders in Historic Test Year 2023
- 10 Line 8 x Line 9
- 11 Line 10 / 12 months
- 12 Number of cell phone lines from MV90 as of 12/31/2023
- 13 Number of cell phone lines from IEE as of 12/31/2023
- 14 Number of land lines as of 12/31/2023
- 15 Line 12 + Line 13 + Line 14
- 16 Line 11 / Line 15
- 17 Monthly service costs per cell phone line
- 18 Monthly service costs per land line serviced by Granite Telecommunication; blended cost by frequency.
- 19 Monthly service costs per land line serviced by Verizon Communication; blended cost by frequency.
- 20 Monthly service costs for the NY-portion of circuit network serviced by Granite Telecommunications; allocated to all land
- 21 Average monthly long distance costs for all landlines from AT&T Telecommunications; allocated to all landlines
- 22 ((Line 12 + Line 13) x Line 17) + (Line 14 x Line 19) + Line 21)
- 23 Line 22 / Line 15
- 24 Line 16 + Line 23

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

**Calculation of Time-of-Use Incremental Customer Charge**

**For Service Classification No. 1 (SC1), Special Provision L and Service Classification No. 2 (SC2ND), Special Provision O  
Meter Equipment and Installation Cost Calculations**

**Meter Costs**

*Meter Equipment Cost:*

	SC1	SC2ND	Total	% of Ea.
1 Total number of Complex Meters	2,686	3,192	5,878	0.35%
2 Remaining Self-Contained Meters	1,551,072	126,312	1,677,384	99.65%
3 Total Accounts	1,553,758	129,504	1,683,262	100.00%

	<u>Blended</u>		
	<u>Cost</u>	<u>% of Ea.</u>	<u>Cost</u>
4 Cost of new Complex meter (\$/each)	\$452.09	0.35%	\$1.58
5 Cost of new Self-Contained meter (\$/each)	\$180.46	99.65%	\$179.83
6 Blended Cost of Meter Equipment			\$181.41
7 Sales Tax			8.00%
8 Total Blended Cost of Meter Equipment including Sales Tax			\$195.92

*Installation of Meter Program into Meters by Meter & Test and Meter Shop:*

			<u>Hours</u>
9 Time required to install program into meter			0.25
	<u>\$/Hour</u>	<u>% of Ea.</u>	
10 Complex Meter Installation Labor Rate (\$/hour)	\$45.84	0.35%	\$0.16
11 Self-Contained Meter Installation Labor Rate (\$/hour)	\$45.84	99.65%	\$45.68
12 Blended Pay Group Rate			\$45.84
13 Labor Cost to install meter program into meter			\$11.46
14 Overhead on Labor Cost to install meter program (Non-Management)		48.09%	\$5.51
15 Total Labor cost (including fringes) to install meter program into meter			\$16.97
16 Total Cost of Meter with Meter Program installed (without CAD or A&G Overheads)			\$212.89

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

**Calculation of Time-of-Use Incremental Customer Charge**

For Service Classification No. 1 (SC1), Special Provision L and Service Classification No. 2 (SC2ND), Special Provision O  
Meter Equipment and Installation Cost Calculations

Installation Costs

*Labor Installation costs:*

	<u>Hours</u>
17 Installation time (includes check)	0.25
18 Travel time (1/2 hr each way)	<u>1.00</u>
19 Total time required	1.25

	\$/Hour	% of Each	Avg. \$/Hour	% of Ea.	Blended Cost
Labor for Complex Meters (MDS):					
20 Field Tester D Labor Rate (\$/hour)	\$48.95	50%	\$24.48		
21 Field Tester E Labor Rate (\$/hour)	\$53.77	50%	<u>\$26.89</u>		
22			\$51.36	0.35%	\$0.18
Labor for Self-Contained Meters (CMS)					
23 Service Representative C Installation Rate (\$/hour)			\$49.95	99.65%	<u>\$49.78</u>
24 Blended Labor Rate					<u>\$49.95</u>
25 Total Installation Labor Costs					\$62.44
26 Overhead on Labor Cost to install meters (Non-Management)				48.09%	\$30.03
27 Total Labor cost (including fringes) to install meters					<u>\$92.47</u>

*Transportation Installation costs:*

	<u>Hours</u>
28 Total vehicle time required	1.25
29 Cost of vehicle (\$/hour)	<u>\$3.25</u>
30 Total Transportation Installation Costs	<u>\$4.06</u>

Summary of Costs including Capital and A&G Overhead Allocations:

31 Total costs of Meters, Labor Installation and Transportation costs		\$309.43
32 Capital Overhead	29.95%	\$92.67
33 Capitalized A&G Overhead	4.04%	\$12.50
34 Total costs including Capital Overhead and A&G Overhead		\$414.60
35 S&A Overhead allocation	14.65%	\$60.74
36 Total Installed Meter costs including overhead allocations		<u>\$475.34</u>

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

Calculation of Time-of-Use Incremental Customer Charge

For Service Classification No. 1 (SC1), Special Provision L and Service Classification No. 2 (SC2ND), Special Provision O  
Meter Equipment and Installation Cost Calculations

Notes:

- 1 Complex meters are considered any meter that is transformer rated; managed by Meter Data Service (MDS); Meter count as of 12/31/2023.
- 2 Self-contained meters are considered remaining non-transformer rated; managed by Customer Metering Service (CMS); Meter count as of 12/31/2023.
- 3 Line 1 + line 2; percent of total creates weighted complex vs. self-contained.
- 4 Average complex meter cost as listed in SAP (Aclara KV2C, Centron2, Revelo E660); cost as of 1/5/2024.
- 5 Average self-contained meter cost as listed in SAP (Aclara KV2C, Revelo E360); cost as of 1/5/2024.
- 6 Meter costs listed in Line 4 & Line 5 times respective weighted meter count percentages in Line 1 & Line 2.
- 7 NMPC average sales tax.
- 8 Line 6 x (1+Line 7).
- 9 Program installation time estimate received from NY Electric Meter Lab
- 10 Meter Shop Field Tester C (PG18-step 2), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023.
- 11 Meter Shop Field Tester C (PG18-step 2), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023.
- 12 Labor rates listed in Line 10 & Line 11 times respective weighted meter count percentages in Line 1 & Line 2.
- 13 Line 9 x Line 12.
- 14 NMPC non-management Labor Overhead rate; as of November 2023; percentage times Line 13.
- 15 Line 13 + Line 14.
- 16 Line 8 + Line 15.
- 17 Installation time estimate received from MDS.
- 18 Travel time estimate received from MDS.
- 19 Line 17 + Line 18.
- 20 Field Tester D (PG20-step 4), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023.
- 21 Field Tester E (PG22-step 4), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023.
- 22 Line 20 and Line 21 weighted by frequency.
- 23 Service Representative C (PG20-step 2), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023.
- 24 Labor costs listed in Line 22 & Line 23 times respective weighted meter count percentages in Line 1 & Line 2.
- 25 Line 19 x Line 24.
- 26 NMPC non-management Labor Overhead rate; as of November 2023; percentage times Line 25.
- 27 Line 25 + Line 26.
- 28 Line 19.
- 29 Cost per hour of Van Compact AWD vehicle with fuel; from Fleet Management; 2024 rate.
- 30 Line 28 x Line 29.
- 31 Line 16 + Line 27 + Line 30.
- 32 NMPC Distribution Capital Overhead rate; average April 2023-February 2024; percentage times Line 31.
- 33 NMPC A&G Capital Overhead rate; average April 2023-December 2023; percentage times Line 31.
- 34 Line 31 + Line 32 + Line 33.
- 35 NMPC Supervision & Administrative Overhead rate; as of September 2023; percentage times Line 34.
- 36 Line 34 + Line 35; value used as capital cost input in Revenue Requirement calculation (column C).

## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

## Calculation of Time-of-Use Incremental Customer Charge

For Service Classification No. 1 (SC1), Special Provision L and Service Classification No. 2 (SC2ND), Special Provision O  
Revenue Requirement Calculation

Financial Assumptions <sup>1</sup>

Return On Equity	9.50%
Debt Cost	4.44%
Equity Percent	48.00%
Debt Percent	52.00%
Federal Income Tax Rate	21.0%
State Income Tax Rate	7.25%
Inflation Rate	5.4620%
Pre-tax WACC	8.54%
Depreciation Book Life (Years)	20
Tax Depreciation (Years)	20yr

a	b	c	d	e=(c+d)	f	g	h	i = (h-f)*FIT%	j	k = (e-g-j)	l = (k*ROE%)	m = (k*DEBT%)	n = (l*FIT%)	o = (l+n)*SIT%	p = (e*Prop%)	q = (e*O&M%)	r = (f+l+m+n+o+p+q)
CALENDAR YEAR	No YEAR	EOY ADDITIONS - REMOVAL COST	EOY RETIRE.	GROSS PLANT	BOOK DEPREC.	AVG ACCUM BOOK DEPR	TAX DEPREC.	AVERAGE			ROE	INTEREST	FIT	SIT	PROPERTY TAX	FULLY LOADED O&M <sup>2</sup>	TOTAL REVENUE REQUIREMENT COSTS
								DFIT	ACCUM DFIT	NET INVEST.							
2024	0	\$475	\$0	\$475	\$12	\$6	\$18	\$2	\$1	\$469	\$21	\$11	\$6	\$2	\$0	\$0	\$52
2025	1	\$0	\$0	\$475	\$24	\$24	\$34	\$3	\$3	\$449	\$20	\$10	\$5	\$2	\$0	\$0	\$62
2026	2	\$0	\$0	\$475	\$24	\$48	\$32	\$2	\$5	\$422	\$19	\$10	\$5	\$2	\$0	\$0	\$60
2027	3	\$0	\$0	\$475	\$24	\$71	\$29	\$1	\$7	\$397	\$18	\$9	\$5	\$2	\$0	\$0	\$58
2028	4	\$0	\$0	\$475	\$24	\$95	\$27	\$1	\$8	\$372	\$17	\$9	\$5	\$2	\$0	\$0	\$55
2029	5	\$0	\$0	\$475	\$24	\$119	\$25	\$0	\$9	\$347	\$16	\$8	\$4	\$2	\$0	\$0	\$53
2030	6	\$0	\$0	\$475	\$24	\$143	\$23	(\$0)	\$9	\$324	\$15	\$7	\$4	\$1	\$0	\$0	\$51
2031	7	\$0	\$0	\$475	\$24	\$166	\$21	(\$1)	\$9	\$300	\$14	\$7	\$4	\$1	\$0	\$0	\$49
2032	8	\$0	\$0	\$475	\$24	\$190	\$21	(\$1)	\$8	\$277	\$13	\$6	\$3	\$1	\$0	\$0	\$47
2033	9	\$0	\$0	\$475	\$24	\$214	\$21	(\$1)	\$8	\$254	\$12	\$6	\$3	\$1	\$0	\$0	\$45
2034	10	\$0	\$0	\$475	\$24	\$238	\$21	(\$1)	\$7	\$231	\$11	\$5	\$3	\$1	\$0	\$0	\$43
2035	11	\$0	\$0	\$475	\$24	\$261	\$21	(\$1)	\$6	\$208	\$9	\$5	\$3	\$1	\$0	\$0	\$41
2036	12	\$0	\$0	\$475	\$24	\$285	\$21	(\$1)	\$5	\$185	\$8	\$4	\$2	\$1	\$0	\$0	\$40
2037	13	\$0	\$0	\$475	\$24	\$309	\$21	(\$1)	\$5	\$162	\$7	\$4	\$2	\$1	\$0	\$0	\$38
2038	14	\$0	\$0	\$475	\$24	\$333	\$21	(\$1)	\$4	\$138	\$6	\$3	\$2	\$1	\$0	\$0	\$36
2039	15	\$0	\$0	\$475	\$24	\$357	\$21	(\$1)	\$3	\$115	\$5	\$3	\$1	\$1	\$0	\$0	\$34
2040	16	\$0	\$0	\$475	\$24	\$380	\$21	(\$1)	\$3	\$92	\$4	\$2	\$1	\$0	\$0	\$0	\$32
2041	17	\$0	\$0	\$475	\$24	\$404	\$21	(\$1)	\$2	\$69	\$3	\$2	\$1	\$0	\$0	\$0	\$30
2042	18	\$0	\$0	\$475	\$24	\$428	\$21	(\$1)	\$1	\$46	\$2	\$1	\$1	\$0	\$0	\$0	\$28
2043	19	\$0	\$0	\$475	\$24	\$452	\$21	(\$1)	\$1	\$23	\$1	\$1	\$0	\$0	\$0	\$0	\$26
2044	20	\$0	(\$475)	\$0	\$12	\$469	\$11	(\$0)	\$0	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$12
TOTAL		\$475	(\$475)		\$475		\$475	\$0			\$223	\$113	\$59	\$22	\$0	\$0	\$892

## Notes:

1. Source: Capital Structure and Inflation see Appendix 1, Schedule 1  
2. Fully Loaded O&M is zero because all inputs are capital related.

NET PRESENT VALUE Revenue Requirement in 2024 \$'s:	\$500.77
LEVELIZED Revenue Requirement in 2024 \$'s:	\$53.07
Number of Months per year:	12
Monthly Time-of-Use Incremental Customer Charge:	\$4.42

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

**Calculation of Hourly Pricing Incremental Customer Charge**

For Service Classification No. 2-Demand (SC2D), Special Provision P and Service Classification No. 3 (SC3), Special Provision L & N  
Capital Expenditure Cost Calculations

		Digital Cell Meter	Analog Land Line Meter*	Digital Cell plus External Antenna	Exempt	Total
<u>Number of Meters:</u>						
1	Current Hourly-Priced Customers	1953	48	27	152	2180
2	Spare Meters	15% 293	0	11	23	327
3	Total Meters	2246	48	38	175	2507
4	Cost of Meters:	\$ 675.00	\$ -	\$ 835.00	\$ -	
5	Sales Tax on Meters	8.00% \$ 54.00	\$ -	\$ 66.80	\$ -	
6	Total Cost of Each Meter	\$ 729.00	\$ -	\$ 901.80	\$ -	
7	Total Cost of All Meters	\$ 1,637,297.55	\$ -	\$ 34,493.85	\$ -	\$ 1,671,791.40
<u>Installation Costs (not including spare meters)</u>						
		Rate per Hour	% of Each	Blended Rate	Hours	Total
8	Meter Mechanic labor rate - Programming (\$/hr)	\$ 49.95			0.75	0.00
9	Field Tester D labor rate - Installation (\$/hr)	\$ 48.95	50%	\$ 51.36	2.50	5.50
10	Field Tester E labor rate - Installation (\$/hr)	\$ 53.77	50%		3.50	0.00
11	Represented Labor Cost per Meter Installation:	\$ 165.86		\$ 282.48	\$ 217.22	\$ -
12	Total Represented Labor Cost to Install All Meters:	\$ 323,929.46		\$ 13,559.04	\$ 5,865.01	\$ -
13	Labor Overhead on Labor Cost to install meters (Non-Management):				48.09%	\$ 165,118.70
		Rate per Year	Rate per Hour		Hours	Total
14	Meter & Test (M&T) Supervision (Management)	135,000	\$ 64.90		0.25	0.25
15	Management Labor Cost per Meter Installation:	\$ 16.23	\$ 16.23	\$ 16.23	\$ -	
16	Total Management Labor Cost to Install All Meters:	\$ 31,689.30	\$ 778.85	\$ 438.10	\$ -	\$ 32,906.25
17	Labor Overhead on Labor Cost to install meters (Management):				58.42%	\$ 19,224.11
18	Total Labor cost (including fringes) to install meter program into meter					\$ 560,602.57
		Rate per Hour			Hours	Total
19	Cost of vehicle (\$/hour)	\$ 3.25			2.50	5.50
20	Transportation Cost per Meter Installation:	\$ 8.13	\$ 17.88	\$ 11.38	\$ -	
21	Total Transportation Cost to Install All Meters:	\$ 15,868.13	\$ 858.00	\$ 307.13	\$ -	\$ 17,033.25
22	Total Cost of Meter with Meter Program installed (without Capital Overhead or A&G Overheads)					\$ 2,249,427.22
23	Capital Overhead				29.95%	\$ 673,703.45
24	Capitalized A&G Overhead				4.04%	\$ 90,876.86
25	Total costs including Capital Allocation					\$ 3,014,007.53
26	S&A Overhead allocation				14.65%	\$ 441,552.10
27	Total Installed Meter costs including overhead allocations					\$ 3,455,559.63



NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

Calculation of Hourly Pricing Incremental Customer Charge

For Service Classification No. 2-Demand (SC2D), Special Provision P and Service Classification No. 3 (SC3), Special Provision L & N  
Capital Expenditure Cost Calculations

Notes:

- 1 Count of meters based on number of hourly-priced customers; as of 12/31/2023.  
Customers in SC3 exempt from paying incremental customer charge include those enrolled in economic development programs.
- 2 Estimated number of spare meters required to satisfy demand of hourly customers; received from Electric Meter Engineering; percentage times Line 1 meter counts.  
\*Analog Land Line Meters no longer available for purchase, therefore no spares on hand nor to purchase. When current Analog fail, replace with Digital Cell + Antenna.
- 3 Line 1 + Line 2
- 4 Meter costs listed in SAP for: Aclara KV2C with cell attachment, Sentinal meter, and Aclara KV2C with external antenna; as listed 12/31/2023.  
Customer is responsible for any charges related to procurement, installation & maintenance costs, and monthly service charges for land lines used for billing meters.
- 5 NMPC average sales tax.
- 6 Line 4 + Line 5.
- 7 Line 3 x Line 6.
- 8 Labor to program meter: Meter Mechanic (PG20-step 2), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023.  
Programming hour estimates provided by Meter Shop by meter type.
- 9 Labor to install meter: Field Tester D (PG20-step 4), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023; blended rate weighted by frequency.  
Installation hour estimates provided by Meter & Test by meter type.
- 10 Labor to install meter: Field Tester E (PG22-step 4), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023; blended rate weighted by frequency.  
Installation hour estimates provided by Meter & Test by meter type.
- 11 Labor rates in Line 8, Line 9, and Line 10 times hour estimates in Line 8, Line 9, and Line 10.
- 12 Line 1 x Line 11.
- 13 NMPC non-management Labor Overhead rate; as of November 2023; percentage times Line 12 total.
- 14 Labor to oversee programming: Meter & Test average salary Management Band D.  
Supervision hour estimates provided by Meter & Test by meter type.
- 15 Labor rate in Line 14 times hour estimates in Line 14.
- 16 Line 1 x Line 15.
- 17 NMPC management Labor Overhead rate; average April 2023-February 2024; percentage times Line 16 total.
- 18 Line 12 + Line 13 + Line 16 + Line 17.
- 19 Cost per hour of Van Compact AWD vehicle with fuel; from Fleet Management; Effective 1/1/2024.  
Installation hour estimates from Line 9/10 by meter type.
- 20 Transportation rate in Line 19 times hour estimates in Line 19.
- 21 Line 1 x Line 20.
- 22 Line 7 + Line 18 + Line 21.
- 23 NMPC Distribution Capital Overhead rate; average April 2023-February 2024; percentage times Line 22.
- 24 NMPC A&G Capital Overhead rate; April 2023-December 2023 average; percentage times Line 22.
- 25 Line 22 + Line 23 + Line 24.
- 26 NMPC Supervision & Administrative Overhead rate; as of September 2023; percentage times Line 25.
- 27 Line 25 + Line 26; value used as captial cost input in Revenue Requirement calculation (column C).

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**

**Calculation of Hourly Pricing Incremental Customer Charge**

For Service Classification No. 2-Demand (SC2D), Special Provision P and Service Classification No. 3 (SC3), Special Provision L & N

**Annual Operating Expenditure Cost Calculations**

	Digital Cell Meter	Analog Land Line Meter	Digital Cell plus External Antenna	Exempt <sup>1</sup>	Total
<u>Number of Meters:</u>					
1 Current MHP Customers	1953	48	27	152	2180

Cost of Telecommunication Connection

	Rate per Year	Cost per Year	Total
2 Cost for a Digital Cell Connection	\$ 6.72	\$ 13,124.16	
Cost for a Analog Landline Connection			
	Rate	Weighted Rate	Blended Rate
3 Granite Recurring Charge	\$ 45.50	98%	44.59
4 Verizon Recurring Charge	\$ 42.63	2%	0.85
5		Granite Circuit Charge	\$ 1,053.00
6		AT&T Long Distance Charge	\$ 1,155.00
7		Total Annual Communication Cost:	\$ 13,124.16 \$ 28,381.44 \$ 181.44 \$ - \$ 41,687.04

Cost of Troubleshooting Communication Connections

	15%	20%	Total Trips per Year:
8 Estimated percent of digital meters causing trouble shooting trip per year	293	4	
9 Estimated percent of analog meters causing trouble shooting trip per year	10	4	
10	293	10	4

	Rate per Hour	% of Each	Blended Rate	Hours	Total
11 Field Tester D labor rate (\$/hour)	\$ 48.95	50%	\$ 51.36	2.50	2.50
12 Field Tester E labor rate (\$/hour)	\$ 53.77	50%		2.50	0.00
13			Represented Labor Cost per Call:	\$ 128.40	\$ 128.40
14			Total Represented Labor Cost for all Calls:	\$ 37,621.20	\$ 1,284.00
15			Overhead on Labor Cost for all Calls (Non-Management):	48.09%	\$ 18,956.50

	Rate per Year	Rate per Hour	Hours	Total
16 MDS Supervision (Management)	120,000	\$ 57.69	0.50	0.50
17			Management Labor Cost per Call:	\$ 28.85
18			Total Management Labor Cost for all Calls:	\$ 8,451.92
19			Overhead on Labor Cost for all Calls (Management):	58.42%

20 Total Labor cost (including fringes) to respond to Troubleshooting Calls: \$ 72,404.68

	Rate per Hour	Hours	Total
21 Transportation (VAN-LD)	\$ 3.25	2.50	2.50
22		Transportation Cost per Call:	\$ 8.13
23		Total Transportation Cost to for all Calls:	\$ 2,380.63

24 Total Annual Cost of Telecommunication Connection and Troubleshooting Communication Connections (before A&G):	\$ 116,586.10
25 S&A Overhead allocation	14.65%
26 Total Annual Cost of Telecommunication Connection and Troubleshooting Communication Connections:	\$ 133,665.96

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

Calculation of Hourly Pricing Incremental Customer Charge

For Service Classification No. 2-Demand (SC2D), Special Provision P and Service Classification No. 3 (SC3), Special Provision L & N

Annual Operating Expenditure Cost Calculations

Notes:

- 1 Count of meters based on number of hourly-priced customers; as of 12/31/2023.  
Customers in SC3 exempt from paying incremental customer charge include those enrolled in economic development programs.  
Spares not included in annual operating expense calculation
- 2 Monthly service costs per cell phone line. Annual cost times Digital Lines in Line 1.
- 3 Monthly service costs per land line serviced by Granite Telecommunication; blended cost by frequency. Annual costs times Analog Lines in Line 1.
- 4 Monthly service costs per land line serviced by Verizon Communication; blended cost by frequency. Annual costs times Analog Lines in Line 1.
- 5 Monthly service costs for the NY-portion of circuit network serviced by Granite Telecommunications. Total annual costs allocated to Analog Lines in Line 1.
- 6 Average monthly long distance costs for all landlines from AT&T Telecommunications. Total annual costs allocated to Analog Lines in Line 1.
- 7 Line 2 + Line 6
- 8 Percent estimate provided by Meter Data Services (MDS); percentage times Line 1, rounded whole number.
- 9 Percent estimate provided by Meter Data Services (MDS); percentage times Line 1, rounded whole number.
- 10 Line 8 + Line 9
- 11 Labor on troubleshooting call: Field Tester D (PG20-step 4), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023; blended rate weighted by frequency.  
Troubleshooting hour estimates provided by Meter & Test by meter type.
- 12 Labor on troubleshooting call: Field Tester E (PG22-step 4), Local 97 Blue Book, Wage Schedule P; Effective 4/30/2023; blended rate weighted by frequency.  
Troubleshooting hour estimates provided by Meter & Test by meter type.
- 13 Blended labor rate in Line 11/12 times hour estimates in Line 11/12.
- 14 Line 10 x Line 12
- 15 NMPC non-management Labor Overhead rate; as of November 2023; percentage times Line 14 total.
- 16 Supervision over service calls: MDS average salary Management Band E.  
Supervision hour estimates provided by MDS by meter type.
- 17 Labor rate in Line 16 times hour estimates in Line 16.
- 18 Line 10 x Line 17
- 19 NMPC management Labor Overhead rate; as of November 2023; percentage times Line 18 total.
- 20 Line 14 + Line 15 + Line 18 + Line 19.
- 21 Cost per hour of Van Compact AWD vehicle with fuel; from Fleet Management; as of 1/1/2024.  
Installation hour estimates from Line 11/12 by meter type.
- 22 Transportation rate in Line 21 times hour estimates in Line 21.
- 23 Line 10 x Line 22, totaled.
- 24 Line 7 + Line 20 + Line 23
- 25 NMPC Supervision & Administrative Overhead rate; as of September 2023; percentage times Line 24.
- 26 Line 24 + Line 25; value used as annual operating cost input in Revenue Requirement calculation (column Q).

**NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID**  
**Calculation of Hourly Pricing Incremental Customer Charge**  
**For Service Classification No. 2-Demand (SC2D), Special Provision P and Service Classification No. 3 (SC3), Special Provision L & N**  
**Revenue Requirement Calculation**

Financial Assumptions <sup>1</sup>

Return On Equity	9.50%
Debt Cost	4.44%
Equity Percent	48.00%
Debt Percent	52.00%
Federal Income Tax Rate	21.0%
State Income Tax Rate	7.3%
Inflation Rate	5.4620%
Pre-tax WACC	8.54%
Depreciation Book Life (Years)	20
Tax Depreciation (Years)	20yr

a	b	c	d	e=(c+d)	f	g	h	i = (h-f)*FIT%	j	k = (e-g-j)	l = (k*ROE%)	m = (k*DEBT%)	n = (l*FIT%)	o = (l+n)*SIT%	p = (e*Prop%)	q = (e*O&M%)	r = (f+l+m+n+o+p+q)
CALENDAR YEAR	No YEAR	EOY ADDITIONS + REMOVAL COST	EOY RETIRE.	GROSS PLANT	BOOK DEPREC.	AVG ACCUM BOOK DEPR	TAX DEPREC.		AVERAGE ACCUM DFIT	NET INVEST.	ROE	INTEREST	FIT	SIT	PROPERTY TAX	FULLY LOADED O&M <sup>2</sup>	TOTAL REVENUE REQUIREMENT COSTS
2024	0	\$3,455,560	\$0	\$3,455,560	\$86,389	\$43,194	\$129,583	\$11,545	\$5,772	\$3,406,593	\$155,341	\$78,651	\$41,293	\$15,370	\$0	\$133,666	\$510,710
2025	1	\$0	\$0	\$3,455,560	\$172,778	\$172,778	\$249,457	\$20,494	\$21,792	\$3,260,990	\$148,701	\$75,290	\$39,528	\$14,713	\$0	\$140,967	\$591,977
2026	2	\$0	\$0	\$3,455,560	\$172,778	\$345,556	\$230,728	\$15,489	\$39,783	\$3,070,220	\$140,002	\$70,885	\$37,216	\$13,853	\$0	\$148,666	\$583,400
2027	3	\$0	\$0	\$3,455,560	\$172,778	\$518,334	\$213,450	\$10,871	\$52,963	\$2,884,263	\$131,522	\$66,592	\$34,962	\$13,014	\$0	\$156,787	\$575,654
2028	4	\$0	\$0	\$3,455,560	\$172,778	\$691,112	\$197,416	\$6,585	\$61,691	\$2,702,757	\$123,246	\$62,401	\$32,762	\$12,195	\$0	\$165,350	\$568,731
2029	5	\$0	\$0	\$3,455,560	\$172,778	\$863,890	\$182,626	\$2,632	\$66,300	\$2,525,370	\$115,157	\$58,306	\$30,611	\$11,394	\$0	\$174,382	\$562,628
2030	6	\$0	\$0	\$3,455,560	\$172,778	\$1,036,668	\$168,908	(\$1,034)	\$67,098	\$2,351,793	\$107,242	\$54,298	\$28,507	\$10,611	\$0	\$183,906	\$557,343
2031	7	\$0	\$0	\$3,455,560	\$172,778	\$1,209,446	\$156,260	(\$4,415)	\$64,374	\$2,181,740	\$99,487	\$50,372	\$26,446	\$9,844	\$0	\$193,951	\$552,879
2032	8	\$0	\$0	\$3,455,560	\$172,778	\$1,382,224	\$154,187	(\$4,969)	\$59,682	\$2,013,654	\$91,823	\$46,491	\$24,409	\$9,085	\$0	\$204,545	\$549,131
2033	9	\$0	\$0	\$3,455,560	\$172,778	\$1,555,002	\$154,153	(\$4,978)	\$54,709	\$1,845,849	\$84,171	\$42,617	\$22,374	\$8,328	\$0	\$215,717	\$545,986
2034	10	\$0	\$0	\$3,455,560	\$172,778	\$1,727,780	\$154,187	(\$4,969)	\$49,735	\$1,678,045	\$76,519	\$38,743	\$20,340	\$7,571	\$0	\$227,500	\$543,451
2035	11	\$0	\$0	\$3,455,560	\$172,778	\$1,900,558	\$154,153	(\$4,978)	\$44,762	\$1,510,240	\$68,867	\$34,868	\$18,306	\$6,814	\$0	\$239,926	\$541,560
2036	12	\$0	\$0	\$3,455,560	\$172,778	\$2,073,336	\$154,187	(\$4,969)	\$39,788	\$1,342,436	\$61,215	\$30,994	\$16,272	\$6,057	\$0	\$253,030	\$540,347
2037	13	\$0	\$0	\$3,455,560	\$172,778	\$2,246,114	\$154,153	(\$4,978)	\$34,815	\$1,174,631	\$53,563	\$27,120	\$14,238	\$5,300	\$0	\$266,851	\$539,850
2038	14	\$0	\$0	\$3,455,560	\$172,778	\$2,418,892	\$154,187	(\$4,969)	\$29,841	\$1,006,827	\$45,911	\$23,246	\$12,204	\$4,543	\$0	\$281,426	\$540,108
2039	15	\$0	\$0	\$3,455,560	\$172,778	\$2,591,670	\$154,153	(\$4,978)	\$24,868	\$839,022	\$38,259	\$19,371	\$10,170	\$3,786	\$0	\$296,798	\$541,163
2040	16	\$0	\$0	\$3,455,560	\$172,778	\$2,764,448	\$154,187	(\$4,969)	\$19,894	\$671,218	\$30,608	\$15,497	\$8,136	\$3,028	\$0	\$313,009	\$543,056
2041	17	\$0	\$0	\$3,455,560	\$172,778	\$2,937,226	\$154,153	(\$4,978)	\$14,921	\$503,413	\$22,956	\$11,623	\$6,102	\$2,271	\$0	\$330,106	\$545,836
2042	18	\$0	\$0	\$3,455,560	\$172,778	\$3,110,004	\$154,187	(\$4,969)	\$9,947	\$335,609	\$15,304	\$7,749	\$4,068	\$1,514	\$0	\$348,136	\$549,549
2043	19	\$0	\$0	\$3,455,560	\$172,778	\$3,282,782	\$154,153	(\$4,978)	\$4,974	\$167,804	\$7,652	\$3,874	\$2,034	\$757	\$0	\$367,151	\$554,246
2044	20	\$0	(\$3,455,560)	\$0		\$3,369,171	\$77,094	\$20,605	\$12,787	\$73,602	\$3,356	\$1,699	\$892	\$332	\$0	\$0	\$6,280
TOTAL		\$3,455,560	(\$3,455,560)		\$3,369,171		\$3,455,560	\$23,090		\$1,742,132		\$882,069	\$463,098	\$172,377	\$0	\$4,641,871	\$11,270,717

## Notes:

1. Source: Capital Structure and Inflation see Exhibit \_\_\_\_ (RRP-1), Summary

2. Fully Loaded O&amp;M is annual cost of telecommunication connection and annual cost of troubleshooting communication connections

NET PRESENT VALUE Revenue Requirement in 2024 \$'s:	\$5,698,176
LEVELIZED Revenue Requirement in 2024 \$'s:	\$603,887
Number of Non-Exempt Customers:	2,005
Monthly Hourly Pricing Incremental Customer Charge:	\$25.10

# **Niagara Mohawk Power Corporation d/b/a National Grid** **AMR/AMI Opt Out - Meter Change and Meter Read Cost Calculations**

## **METER CHANGE COST CALCULATIONS**

Labor Times (minutes)												
Job	Date	Travel	Wrench Time	Total Job Time	Average Straight Time Hourly Rate	Labor Burdens	Labor Cost (Including Overhead)	Capital Burdens (%)	Capital Burden (\$)	A&G Burdens (%)	A&G Burden (\$)	Straight Time Cost Per Job (Fee)
		(a)	(b)	(c)	(d)	(e)	(f)=[(d)*(c/60)]*[1+(e)]	(g)	(h) = (f)*(g)	(i)	(j)=(h)*(i)	(k)=(f)+(h)+(j)
Gas	2024	25	35	60	\$45.91	46.75%	\$67.37	34.0%	\$22.90	14.65%	\$13.22	\$103.49
Electric	2024	24	18	42	\$45.91	46.75%	\$47.16	34.0%	\$16.03	14.65%	\$9.26	\$72.44
Combined	2024	25	53	78	\$45.91	46.75%	\$87.58	34.0%	\$29.77	14.65%	\$17.19	\$134.53

## **METER READ COST CALCULATIONS**

Labor Times (minutes)												
Job	Date	Travel	Wrench	Total Job	Average	O&M	Labor Cost	(Including	A&G	A&G Burdens	Straight	Bi-Monthly
					Straight							
					Hourly	Burdens			(%)	(\$)	per job	
		(a)	(b)	(c)	(d)	(e)	(f)=[(d)*(c/60)]*[1+(e)]		(g)	(h) = (f)*(g)	(i)=(f)+(h)	(j)=(i)/2
Gas	2024	20	4	24	\$45.91	46.75%	\$26.95		14.65%	\$3.95	\$30.89	\$15.45
Electric	2024	20	4	24	\$45.91	46.75%	\$26.95		14.65%	\$3.95	\$30.89	\$15.45
Combined	2024	25	8	33	\$45.91	46.75%	\$37.05		14.65%	\$5.43	\$42.48	\$21.24

Sources for Meter Change Cost Calculations:

Columns (a) - (c): Travel, Wrench and Job Times provided by CMS

Columns (d) - (e),(g),(i): Labor Costs based on Upstate NY Average Salary, Burden Percentages (Finance and HRIS)

Sources for Meter Read Cost Calculations:

Columns (a) - (c): Travel, Wrench and Job Times provided by CMS

Columns (d) - (e),(g),(i): Labor Costs based on Upstate NY Average Salary, Burden Percentages (Finance and HRIS)

P.S.C. 220 ELECTRICITY  
 NIAGARA MOHAWK POWER CORPORATION  
 INITIAL EFFECTIVE DATE:

STATEMENT TYPE: ODS  
 STATEMENT NO. 1

**NIAGARA MOHAWK POWER CORPORATION  
 STATEMENT OF OTHER DELIVERY SURCHARGES  
 ILLUSTRATIVE EXAMPLE**

**APPLICABLE TO BILLINGS SET FORTH BELOW  
 UNDER P.S.C. NO. 220 ELECTRICITY  
 (PSC No. 220 - Rule No. 68)**

	VDER Value Stack Cost Recovery (VDER) (kW/kWh)	Non-Wires Alternative Surcharge (NWA) (kWh) <sup>Note 3</sup>	Earnings Adjustment Mechanism (EAM) (kWh)	Reliability Support Services (RSS) (kWh) <sup>Note 3</sup>	Electric Vehicle Make-Ready (EVMR) (kWh/kW)	Energy Storage Surcharge (ESS) (kWh/kW) <sup>Note 3</sup>	Arrears Management Program Surcharge Phase 1 (AMP1) (kWh/kW)	Arrears Management Program Surcharge Phase 2 (AMP 2) (kWh/kW)	Dynamic Load Management Surcharge (DLM) (kWh/kW)	Rate Adjustment Mechanism (RAM) (kWh/kW)
<i>Applicable Tariff Rule</i>	<i>Rule 40</i>	<i>Rule 45</i>	<i>Rule 49</i>	<i>Rule 50</i>	<i>Rule 52</i>	<i>Rule 56</i>	<i>Rule 59</i>	<i>Rule 59</i>	<i>Rule 64</i>	<i>Rule 67</i>
<i>Applicable Exemptions</i>	<i>Note 2</i>	<i>Note 1</i>	<i>Note 1</i>	<i>Note 1</i>	<i>Note 1</i>	<i>Note 1</i>	<i>Note 1</i>	<i>Note 1</i>	<i>Note 1</i>	<i>Note 1</i>
<i>Proration</i> <sup>Note 6</sup>										

SC1	\$0.00123		\$0.00077		\$0.00036	\$0.00000	\$0.00120	\$0.00090	\$0.000649	\$0.00737
SC1C	\$0.00431		\$0.00063		\$0.00010	\$0.00000	\$0.00009	\$0.00007	\$0.000546	\$0.00060
SC2ND	\$0.00172		\$0.00076		\$0.00023	\$0.00000	\$0.00037	\$0.00028	\$0.000609	\$0.01007
SC2D	\$0.56		\$0.20		\$0.03	\$0.00	\$0.03	\$0.02	\$0.18	\$0.42
SC3 Sec	\$0.57		\$0.23		\$0.03	\$0.00	\$0.01	\$0.01	\$0.20	\$0.30
SC3 Pri	\$0.57		\$0.23		\$0.02	\$0.00	\$0.01	\$0.01	\$0.20	\$0.23
SC3 Sub/Tra	\$0.29		\$0.14		\$0.01	\$0.00	\$0.00	\$0.00	\$0.14	-\$0.12
SC3A Sec/Pri	\$0.29		\$0.24		\$0.02	\$0.00	\$0.01	\$0.01	\$0.15	\$0.27
SC3A Sub	\$0.25		\$0.17		\$0.01	\$0.00	\$0.00	\$0.00	\$0.15	-\$0.13
SC3A Tra	\$0.23		\$0.18		\$0.01	\$0.00	\$0.00	\$0.00	\$0.14	-\$0.10
SC7/SC1 <sup>Note 4</sup>	\$0.14		\$0.00077		<del>\$0.04</del>	\$0.00	\$0.12	\$0.09	\$0.07	\$0.77
SC7/SC2ND <sup>Note 4</sup>	\$0.16		\$0.00076		\$0.02	\$0.00	\$0.03	\$0.03	\$0.06	\$0.96
SC7/SC2D	\$0.56		\$0.20		\$0.03	\$0.00	\$0.02	\$0.02	\$0.13	\$0.28
SC7/SC3 Sec	\$0.57		\$0.23		\$0.02	\$0.00	\$0.01	\$0.01	\$0.16	\$0.24
SC7/SC3 Pri	\$0.57		\$0.23		\$0.02	\$0.00	\$0.01	\$0.01	\$0.16	\$0.18
SC7/SC3 Sub/Tra	\$0.29		\$0.14		\$0.01	\$0.00	\$0.00	\$0.00	\$0.11	-\$0.09
SC7/SC3A Sec/Pri	\$0.29		\$0.24		\$0.02	\$0.00	\$0.01	\$0.01	\$0.13	\$0.22
SC7/SC3A Sub	\$0.25		\$0.17		\$0.01	\$0.00	\$0.00	\$0.00	\$0.12	-\$0.10
SC7/SC3A Tra	\$0.23		\$0.18		\$0.01	\$0.00	\$0.00	\$0.00	\$0.12	-\$0.09

Note 1 - NYPA and RNY load is not exempt from the surcharge but EJP qualifying load is exempt.

Note 2 - All delivery load is subject to the surcharge.

Note 3 - NWA, RSS and ESS do not currently have costs for recovery

Note 4 - SC7/SC1, SC7/SC2ND \$/kW rates are calculated from the actual \$/kWh April 2024 surcharge rates

Note 5 - SC7 surcharges are billed on Contract Demand kW. SC7 surcharge rates are based on the parent class surcharge rate adjusted by the Contract Demand Multiplier

Note 6 - This line indicates if the rate changed this month and the rate may be prorated on customer's bill based on bill days at the previous month's rate and bill days at this month's rate

**Rates shown above are exclusive of gross receipts taxes.**

**Issued by: Sally Librera, President, Syracuse, New York  
 Dated:**

P.S.C. 214 ELECTRICITY  
 NIAGARA MOHAWK POWER CORPORATION  
 INITIAL EFFECTIVE DATE:

STATEMENT TYPE: ODS  
 STATEMENT NO. 1

**NIAGARA MOHAWK POWER CORPORATION  
 STATEMENT OF OTHER DELIVERY SURCHARGES  
 ILLUSTRATIVE EXAMPLE**

**APPLICABLE TO BILLINGS SET FORTH BELOW  
 UNDER P.S.C. NO. 214 ELECTRICITY  
 (PSC No. 220 - Rule No. 68)**

	VDER Value Stack Cost Recovery (VDER) (kW/kWh)	Non-Wires Alternative Surcharge (NWA) (kW) <sup>Note 1</sup>	Earnings Adjustment Mechanism (EAM) (kW)	Reliability Support Services (RSS) (kW) <sup>Note 1</sup>	Electric Vehicle Make-Ready (EVMR) (kW/kW)	Energy Storage Surcharge (ESS) (kW/kW) <sup>Note 1</sup>	Arrears Management Program Surcharge Phase 1 (AMP1) (kW/kW)	Arrears Management Program Surcharge Phase 2 (AMP 2) (kW/kW)	Dynamic Load Management Surcharge (DLM) (kW/kW)	Rate Adjustment Mechanism (RAM) (kW/kW) <sup>Note 2</sup>
<i>Applicable Tariff Rule</i>	<i>Rule 40</i>	<i>Rule 45</i>	<i>Rule 49</i>	<i>Rule 50</i>	<i>Rule 52</i>	<i>Rule 56</i>	<i>Rule 59</i>	<i>Rule 59</i>	<i>Rule 64</i>	<i>Rule 67</i>
<i>Proration</i> <sup>Note 2</sup>										

SC1	\$0.00003		\$0.00078		\$0.00076		\$0.00000	\$0.00000	\$0.000177	-\$0.00625
SC2/5	\$0.00003		\$0.00078		\$0.00076		\$0.00000	\$0.00000	\$0.000177	-\$0.00625
SC3/6	\$0.00003		\$0.00078		\$0.00076		\$0.00000	\$0.00000	\$0.000177	-\$0.00625
SC4	\$0.00003		\$0.00078		\$0.00076		\$0.00000	\$0.00000	\$0.000177	-\$0.00625

Note 1 - NWA, RSS and ESS do not currently have costs for recovery

Note 2 - This line indicates if the rate changed this month and the rate may be prorated on customer's bill based on bill days at the previous month's rate and bill days at this month's rate

Rates shown above are exclusive of gross receipts taxes.

Issued by: Sally Librera, President, Syracuse, New York  
 Dated:

Niagara Mohawk Power Corporation d/b/a National Grid  
Electric Rate Adjustment Mechanism (RAM)  
Illustrative Example

<u>Line</u>	<u>Step 1 - Threshold Calculation:</u>	<u>Rate Year 1</u>	<u>Rate Year 2</u>	<u>Rate Year 3</u>
1	RAM Threshold (10 basis points)	\$5,886,357	\$6,469,568	\$7,031,606
	<u>RAM Deferral Balances to Recover/(Refund) to customers:</u>			
2	Illustrative Property Taxes Reconciliation Deferral	(\$48,532,000)	\$0	\$0
3	Illustrative Storms Deferral	\$223,905,000	\$0	\$0
4	Previous Year RAM Deferral Balance to Recover/(Refund)	\$0	\$100,797,167	\$16,144,867
5	Total RAM Deferral Balances	\$175,373,000	\$100,797,167	\$16,144,867
6	RAM Deferral Balance subject to 2% RAM Surcharge Cap (Step 2)	\$175,373,000	\$100,797,167	\$16,144,867
	<u>Step 2 - RAM Cap Calculation:</u>			
7	Illustrative Operating Revenues	\$3,728,791,674	\$4,232,615,000	\$4,520,636,000
8	RAM Cap % Per Year	2%	2%	2%
9	Annual RAM Cap (+ or -)	\$74,575,833	\$84,652,300	\$90,412,720
10	Illustrative Property Taxes Reconciliation Deferral	(\$48,532,000)	\$0	\$0
11	Illustrative Storms Deferral	\$223,905,000	\$0	\$0
12	Previous Year RAM Deferral Balance to Recover/(Refund)	\$0	\$100,797,167	\$16,144,867
13	RAM Deferral Balances to be Recovered/(Refunded) to customers	\$175,373,000	\$100,797,167	\$16,144,867
14	Annual RAM Cap (+ or -)	\$74,575,833	\$84,652,300	\$90,412,720
15	Remaining Deferral Balance to be Recovered/(Refunded) to customers	\$100,797,167	\$16,144,867	\$0
	<u>Step 3 - Amount to be Recovered/(Refunded) through RAM Surcharge:</u>			
16	Illustrative Property Taxes Reconciliation Deferral	(\$20,637,808)	(\$23,426,328)	(\$4,467,864)
17	Illustrative Storms Deferral	\$95,213,642	\$108,078,628	\$20,612,730
18	Previous Year RAM Balance to Recovered/(Refunded)	\$0	\$0	\$0
19	Amount to be Recovered/(Refunded) through RAM Surcharge	\$74,575,833	\$84,652,300	\$16,144,867

## Notes:

- (1) Illustrative 10 Basis Points
- (2) Illustrative Property Tax Reconciliation Deferral Balance
- (3) Illustrative Storms Deferral
- (4) Previous Year RAM Balance to Recover/(Refund)
- (5) Sum of Lines 2 through 4
- (6) RAM Deferral Balance subject to 2% RAM Surcharge Cap
- (7) Illustrative revenue (Operating Revenues per PSC Annual Report)
- (8) RAM Cap % Per Year
- (9) Line 7 \* Line 8
- (10) Illustrative Property Tax Deferral Balance
- (11) Illustrative Storms Deferral
- (12) Previous Year RAM Balance to Recover/(Refund)
- (13) Sum of Lines 10 through 12
- (14) Positive Line 9 if Line 13>0, or Negative Line 9 if Line 13<0
- (15) Line 13 - Line 14 if Line 6 does not equal zero; If Line 6 is zero then Line 13
- (16) Illustrative Property Taxes Reconciliation Deferral
- (17) Illustrative Storms Deferral
- (18) Previous Year RAM Balance to Recovered/(Refunded)
- (19) Sum of Lines 16 through 18

\* The RAM surcharge/credit is incremental to the increase in base delivery rates



Niagara Mohawk Power Corporation d/b/a National Grid  
Electric Illustrative Example of RAM (Rate Adjustment Mechanism)  
Unit Rate Calculation  
Rate Year 1

Service Class	<u>Property Tax</u>		<u>Storm</u>		Forecast	Unit Rate	<u>SC7</u>		
	Allocation %	Allocated \$	Allocation %	Allocated \$			Contract Demand Multiplier	Contract Demand	Surcharge Rate
	(1)	(2)	(3)	(4)			(7)	(8)	(9)
SC-1 Residential	55.55%	\$ (11,464,085)	78.14%	\$ 74,397,042	8,535,535,306	\$0.00737	0.94%	82,151,897	\$0.77
SC-1C Residential TOU	0.52%	\$ (106,795)	0.24%	\$ 228,596	204,028,157	\$0.00060			
SC-2 Small Com - ND	4.09%	\$ (844,116)	6.61%	\$ 6,297,073	541,561,767	\$0.01007	1.05%	5,686,399	\$0.96
SC-2 Small Com - D	12.91%	\$ (2,665,214)	7.35%	\$ 7,000,370	10,252,310	\$0.42	152.12%	15,595,814	\$0.28
SC-3 Sec	10.79%	\$ (2,227,675)	4.89%	\$ 4,655,993	8,159,075	\$0.30	125.09%	10,206,187	\$0.24
SC-3 Pri	3.93%	\$ (811,726)	1.66%	\$ 1,581,104	3,372,118	\$0.23	124.99%	4,214,811	\$0.18
SC-3 SubT/Tran	0.79%	\$ (163,288)	0.00%	\$ -	1,414,173	(\$0.12)	130.19%	1,841,112	(\$0.09)
SC-3A Sec/Pri	2.49%	\$ (514,618)	1.11%	\$ 1,053,011	1,984,815	\$0.27	122.02%	2,421,871	\$0.22
SC-3A SubT	1.65%	\$ (340,012)	0.00%	\$ -	2,674,744	(\$0.13)	123.77%	3,310,530	(\$0.10)
SC-3A Tran	5.56%	\$ (1,146,937)	0.00%	\$ 453	11,002,243	(\$0.10)	121.62%	13,380,929	(\$0.09)
Lighting	1.71%	\$ (353,341)	0.00%	\$ -	56,576,724	(\$0.00625)			
Total:	100.00%	\$ (20,637,808)	100.00%	\$ 95,213,642	9,376,561,433				

Notes:

- (1) Property Tax Municipal Allocator, Appendix 2, Schedule 2T, line 284.
- (2) Total Rate Year 1 Property Tax Reconciliation Deferral from Appendix 2, Schedule 13, page 1, line 16 times allocator in column (1)
- (3) Overhead Lines Maintenance (FERC 593) Allocator, Appendix 2, Schedule 2T, line 32.
- (4) Total Rate Year 1 Storm Deferral from Appendix 2, Schedule 13, page 1, line 17 times allocator in column (3)
- (5) Sept 2025 - June 2026 Sales Forecast; excludes EJP qualifying load; kWh for non-demand classes, kW for demand classes.
- (6) Sum of ( 2 ) & ( 4 ) divided by ( 5 ); \$/kWh for non-demand classes, \$/kW for demand classes.
- (7) SC7 Contract Demand Multiplier for SC1 and SC2ND classes were developed from class annual load studies as:  $\text{Max kW} * 12 / \text{Total kWh}$ .  
SC7 Contract Demand Multiplier for Demand Classes from Appendix 2, Schedule 5.5.
- (8) Column ( 5 ) multiplied by Column ( 7 ); note SC1 and SC1C billing determinants are combined.
- (9) Sum of ( 2 ) & ( 4 ) divided by ( 8 ); \$/kW for all classes.

Niagara Mohawk Power Corporation d/b/a National Grid  
Electric Illustrative Example of RAM (Rate Adjustment Mechanism)  
Unit Rate Calculation  
Rate Year 2

Service Class	<u>Property Tax</u>		<u>Storm</u>		Forecast	Unit Rate	<u>SC7</u>		
	Allocation %	Allocated \$	Allocation %	Allocated \$			Contract Demand Multiplier	Contract Demand	Surcharge Rate
	(1)	(2)	(3)	(4)			(7)	(8)	(9)
SC-1 Residential	55.55%	\$ (13,013,079)	78.14%	\$ 84,449,351	11,670,377,234	\$0.00612	0.94%	112,323,784	\$0.64
SC-1C Residential TOU	0.52%	\$ (121,225)	0.24%	\$ 259,483	278,961,479	\$0.00050			
SC-2 Small Com - ND	4.09%	\$ (958,171)	6.61%	\$ 7,147,915	709,225,368	\$0.00873	1.05%	7,446,866	\$0.83
SC-2 Small Com - D	12.91%	\$ (3,025,330)	7.35%	\$ 7,946,239	13,424,529	\$0.37	152.12%	20,421,393	\$0.24
SC-3 Sec	10.79%	\$ (2,528,672)	4.89%	\$ 5,285,098	10,717,692	\$0.26	125.09%	13,406,761	\$0.21
SC-3 Pri	3.93%	\$ (921,404)	1.66%	\$ 1,794,738	4,435,258	\$0.20	124.99%	5,543,629	\$0.16
SC-3 SubT/Tran	0.79%	\$ (185,351)	0.00%	\$ -	1,864,793	(\$0.10)	130.19%	2,427,774	(\$0.08)
SC-3A Sec/Pri	2.49%	\$ (584,152)	1.11%	\$ 1,195,291	2,637,710	\$0.23	122.02%	3,218,534	\$0.19
SC-3A SubT	1.65%	\$ (385,954)	0.00%	\$ -	3,548,529	(\$0.11)	123.77%	4,392,014	(\$0.09)
SC-3A Tran	5.56%	\$ (1,301,908)	0.00%	\$ 514	14,647,189	(\$0.09)	121.62%	17,813,911	(\$0.07)
Lighting	1.71%	\$ (401,083)	0.00%	\$ -	25,448,167	(\$0.01576)			
Total:	100.00%	\$ (23,426,328)	100.00%	\$ 108,078,628	12,735,287,947				

Notes:

- (1) Property Tax Municipal Allocator, Appendix 2, Schedule 2T, line 284.
- (2) Total Rate Year 2 Property Tax Reconciliation Deferral from Appendix 2, Schedule 13, page 1, line 16 times allocator in column (1)
- (3) Overhead Lines Maintenance (FERC 593) Allocator, Appendix 2, Schedule 2T, line 32.
- (4) Total Rate Year 2 Storm Deferral from Appendix 2, Schedule 13, page 1, line 17 times allocator in column (3)
- (5) July 2026 - June 2027 Sales Forecast; excludes EJP qualifying load; kWh for non-demand classes, kW for demand classes.
- (6) Sum of ( 2 ) & ( 4 ) divided by ( 5 ); \$/kWh for non-demand classes, \$/kW for demand classes.
- (7) SC7 Contract Demand Multiplier for SC1 and SC2ND classes were developed from class annual load studies as:  $\text{Max kW} * 12 / \text{Total kWh}$ .  
SC7 Contract Demand Multiplier for Demand Classes from Appendix 2, Schedule 5.5.
- (8) Column ( 5 ) multiplied by Column ( 7 ); note SC1 and SC1C billing determinants are combined.
- (9) Sum of ( 2 ) & ( 4 ) divided by ( 8 ); \$/kW for all classes.

Niagara Mohawk Power Corporation d/b/a National Grid  
Electric Illustrative Example of RAM (Rate Adjustment Mechanism)  
Unit Rate Calculation  
Rate Year 3

Service Class	<u>Property Tax</u>		<u>Storm</u>		Forecast	Unit Rate	<u>SC7</u>		
	Allocation %	Allocated \$	Allocation %	Allocated \$			Contract Demand Multiplier	Contract Demand	Surcharge Rate
	(1)	(2)	(3)	(4)			(7)	(8)	(9)
SC-1 Residential	55.55%	\$ (2,481,851)	78.14%	\$ 16,106,160	11,781,445,848	\$0.00116	0.94%	113,392,785	\$0.12
SC-1C Residential TOU	0.52%	\$ (23,120)	0.24%	\$ 49,489	281,616,395	\$0.00009			
SC-2 Small Com - ND	4.09%	\$ (182,742)	6.61%	\$ 1,363,249	702,239,567	\$0.00168	1.05%	7,373,515	\$0.16
SC-2 Small Com - D	12.91%	\$ (576,990)	7.35%	\$ 1,515,505	13,287,149	\$0.07	152.12%	20,212,411	\$0.05
SC-3 Sec	10.79%	\$ (482,268)	4.89%	\$ 1,007,973	10,617,140	\$0.05	125.09%	13,280,981	\$0.04
SC-3 Pri	3.93%	\$ (175,730)	1.66%	\$ 342,292	4,395,303	\$0.04	124.99%	5,493,689	\$0.03
SC-3 SubT/Tran	0.79%	\$ (35,350)	0.00%	\$ -	1,849,366	(\$0.02)	130.19%	2,407,689	(\$0.01)
SC-3A Sec/Pri	2.49%	\$ (111,409)	1.11%	\$ 227,966	2,622,135	\$0.04	122.02%	3,199,529	\$0.04
SC-3A SubT	1.65%	\$ (73,609)	0.00%	\$ -	3,525,015	(\$0.02)	123.77%	4,362,911	(\$0.02)
SC-3A Tran	5.56%	\$ (248,300)	0.00%	\$ 98	14,558,447	(\$0.02)	121.62%	17,705,983	(\$0.01)
Lighting	1.71%	\$ (76,494)	0.00%	\$ -	25,211,612	(\$0.00303)			
Total:	100.00%	\$ (4,467,864)	100.00%	\$ 20,612,730	12,841,367,977				

Notes:

- (1) Property Tax Municipal Allocator, Appendix 2, Schedule 2T, line 284.
- (2) Total Rate Year 3 Property Tax Reconciliation Deferral from Appendix 2, Schedule 13, page 1, line 16 times allocator in column (1)
- (3) Overhead Lines Maintenance (FERC 593) Allocator, Appendix 2, Schedule 2T, line 32.
- (4) Total Rate Year 3 Storm Deferral from Appendix 2, Schedule 13, page 1, line 17 times allocator in column (3)
- (5) July 2027 - June 2028 Sales Forecast; excludes EJP qualifying load; kWh for non-demand classes, kW for demand classes.
- (6) Sum of ( 2 ) & ( 4 ) divided by ( 5 ); \$/kWh for non-demand classes, \$/kW for demand classes.
- (7) SC7 Contract Demand Multiplier for SC1 and SC2ND classes were developed from class annual load studies as:  $\text{Max kW} * 12 / \text{Total kWh}$ .  
SC7 Contract Demand Multiplier for Demand Classes from Appendix 2, Schedule 5.5.
- (8) Column ( 5 ) multiplied by Column ( 7 ); note SC1 and SC1C billing determinants are combined.
- (9) Sum of ( 2 ) & ( 4 ) divided by ( 8 ); \$/kW for all classes.

Niagara Mohawk Power Corporation d/b/a National Grid  
Calculation of 2025 Earnings Adjustment Mechanism (EAM) Surcharge  
**Illustrative Example**

Service Class	ICP Allocator % (1)	NCP-Pri Allocator % (2)	Total Distribution Allocator % (3)	MWh Meter Allocation % (4)	Electric Demand Response (5)	Storage Megawatt (6)	EV Managed Charging - Residential (7)	Transportation Electrification (8)	L2 and DCFC Make-Ready Share the Savings (9)	Energy Efficiency Share the Savings (10)	Total Electric EAM Incentive Collection (11)	Forecast Sales: kWh (Non- Demand)/ kW (Demand) (12)	2025 EAM Surcharge (13)	SC7 Contract Demand Multiplier (14)	SC7 Contract Demand (15)	SC7 Surcharge Rate (16)
SC1	43.70%	54.07%	61.88%	33.77%	\$ 3,102,700	\$ 2,578,300	\$ -	\$ 4,393,480	\$ 5,445,440	\$ -	\$ 15,519,230	11,650,393,448	\$ 0.00133	0.94%	112,131,446	\$ 0.14
SC1C	0.79%	1.01%	0.67%	0.80%	\$ 56,090	\$ 46,610	\$ -	\$ 47,570	\$ 58,960	\$ -	\$ 209,230	278,483,799	\$ 0.00075			
SC2ND	2.73%	3.59%	5.02%	2.16%	\$ 193,830	\$ 161,070	\$ -	\$ 356,420	\$ 441,760	\$ -	\$ 1,153,080	711,939,592	\$ 0.00162	1.05%	7,475,366	\$ 0.15
SC2D	12.60%	15.64%	11.93%	11.52%	\$ 894,600	\$ 743,400	\$ -	\$ 847,030	\$ 1,049,840	\$ -	\$ 3,534,870	13,477,361	\$ 0.26	152.12%	20,501,761	\$ 0.17
SC3Sec	11.74%	14.97%	8.43%	11.99%	\$ 833,540	\$ 692,660	\$ -	\$ 598,530	\$ 741,840	\$ -	\$ 2,866,570	10,754,329	\$ 0.27	125.09%	13,452,590	\$ 0.21
SC3Pri	4.81%	6.08%	2.92%	5.60%	\$ 341,510	\$ 283,790	\$ -	\$ 207,320	\$ 256,960	\$ -	\$ 1,089,580	4,449,487	\$ 0.24	124.99%	5,561,413	\$ 0.20
SC3Sub/Tran	1.92%	0.00%	0.49%	2.39%	\$ 136,320	\$ 113,280	\$ -	\$ 34,790	\$ 43,120	\$ -	\$ 327,510	1,869,995	\$ 0.18	130.19%	2,434,546	\$ 0.13
SC3ASec/Pri	3.16%	3.99%	1.94%	3.81%	\$ 224,360	\$ 186,440	\$ -	\$ 137,740	\$ 170,720	\$ -	\$ 719,260	2,641,682	\$ 0.27	122.02%	3,223,380	\$ 0.22
SC3ASub	4.22%	0.00%	1.03%	5.46%	\$ 299,620	\$ 248,980	\$ -	\$ 73,130	\$ 90,640	\$ -	\$ 712,370	3,554,959	\$ 0.20	123.77%	4,399,973	\$ 0.16
SC3ATrans	14.32%	0.00%	3.91%	22.13%	\$ 1,016,720	\$ 844,880	\$ -	\$ 277,610	\$ 344,080	\$ -	\$ 2,483,290	14,668,142	\$ 0.17	121.62%	17,839,395	\$ 0.14
SL	0.01%	0.65%	1.78%	0.37%	\$ 710	\$ 590	\$ -	\$ 126,380	\$ 156,640	\$ -	\$ 284,320	25,533,541	\$ 0.01114			
<b>Total*</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>\$ 7,100,000</b>	<b>\$ 5,900,000</b>	<b>\$ -</b>	<b>\$ 7,100,000</b>	<b>\$ 8,800,000</b>	<b>\$ -</b>	<b>\$ 28,900,000</b>					

Notes:

\* The total dollar amounts are the Company's maximum allowed Electric EAM incentives for illustrative purposes, for calendar year 2025, as provided in Joint Proposal Appendix 7 Table 2.

(1) Coincident Peak (ICP) allocator per PSC No. 220 Rule 43.

(2) Non-Coincident Peak (NCP) at primary voltage allocator per PSC No. 220 Rule 45.

(3) Total Distribution Revenue allocator per PSC No. 220 Rule 49.

(4) Energy (MWh-Meter) allocator per PSC No. 220 Rule 49.

(5) Total 2025 incentive for Electric Demand Response EAM is allocated to classes by percentages in column (1).

(6) Total 2025 incentive for Storage Megawatt EAM is allocated to classes by percentages in column (1).

(7) Total 2025 incentive for EV Managed Charging - Residential EAM is allocated to classes by equal percentages of column (2).

(8) Total 2025 incentive for Transportation Electrification EAM is allocated to classes by equal percentage of column (3).

(9) Total 2025 incentive for L2 and DCFC Make-Ready Share the Savings EAM is allocated to classes by equal percentage of column (3).

(10) Total 2025 incentive for Electric Energy Efficiency Share the Savings and Low & Moderate Income Energy Efficiency Customer Savings EAMs are allocated to classes by equal percentages of columns (1), (2), (3), and (4); as ordered under Cases 14-M-0094 & 18-M-0084.

(11) Sum of columns (5), (6), (7), (8), (9), & (10).

(12) Sales Forecast for May 2026 - April 2027 for all service classes and street lighting. Includes NYPA, RNY and SC12 (per their individual contracts); excludes EJP qualifying load.

(13) Column (11) divided by column (12); rounded to the nearest five decimals for kWh charges and two decimals for kW charges.

(14) SC7 Contract Demand Multiplier for SC1 and SC2ND classes were developed from class annual load studies as: Max kW \* 12 / Total kWh.

SC7 Contract Demand Multiplier for Demand Classes from Appendix 2, Schedule 5.5.

(15) Column (12) multiplied by Column (14); note SC1 & SC1C billing determinants are combined.

(16) Column (11) divided by (15) \$/kW for all classes.

Niagara Mohawk Power Corporation d/b/a National Grid  
Merchant Function Charge  
Illustrative Example: Make Whole Calculation of MFC

		May 2025 -August 2025
Commodity Related Uncollectible Charge	\$	1,502,337
Return Requirement on Electric Purchase-Related Working Capital	\$	(160,058)
<b>Make Whole Provision to be recorded (reduction in revenues)</b>	<b>\$</b>	<b>1,342,279</b>

Niagara Mohawk Power Corporation d/b/a National Grid  
Merchant Function Charge  
Illustrative Example: Make Whole Calculation of Commodity Related Uncollectible Charge

Current				Proposed			
May-2025	Jun-2025	Jul-2025	Aug-2025	May-2025	Jun-2025	Jul-2025	Aug-2025

1. Supply Forecast (Includes CESS and NHA for Mass Market Customers) (\$/kWh)

SC1	\$ 0.07779	\$ 0.08292	\$ 0.08489	\$ 0.08148	\$ 0.07894	\$ 0.08422	\$ 0.08643	\$ 0.08282
SC1C	\$ 0.06987	\$ 0.09303	\$ 0.10920	\$ 0.09417	\$ 0.07099	\$ 0.09456	\$ 0.11101	\$ 0.09573
SC2ND	\$ 0.07609	\$ 0.08075	\$ 0.08341	\$ 0.07994	\$ 0.07722	\$ 0.08201	\$ 0.08493	\$ 0.08125
SC2D	\$ 0.06810	\$ 0.07501	\$ 0.08943	\$ 0.07787	\$ 0.06919	\$ 0.07622	\$ 0.09090	\$ 0.07913
SC3_Secondary	\$ 0.06833	\$ 0.07515	\$ 0.08948	\$ 0.07786	\$ 0.06942	\$ 0.07637	\$ 0.09095	\$ 0.07913
SC3_Primary	\$ 0.06536	\$ 0.07198	\$ 0.08609	\$ 0.07471	\$ 0.06626	\$ 0.07298	\$ 0.08730	\$ 0.07575
SC3_SubTransmission	\$ 0.06401	\$ 0.07050	\$ 0.08470	\$ 0.07348	\$ 0.06484	\$ 0.07143	\$ 0.08583	\$ 0.07445
SC3_Transmission	\$ 0.06229	\$ 0.06859	\$ 0.08281	\$ 0.07189	\$ 0.06290	\$ 0.06926	\$ 0.08364	\$ 0.07261
SC3A_Secondary	\$ 0.06224	\$ 0.06841	\$ 0.08317	\$ 0.07162	\$ 0.06323	\$ 0.06951	\$ 0.08452	\$ 0.07278
SC3A_Primary	\$ 0.06176	\$ 0.06785	\$ 0.08190	\$ 0.07057	\$ 0.06261	\$ 0.06879	\$ 0.08304	\$ 0.07154
SC3A_SubTransmission	\$ 0.06058	\$ 0.06654	\$ 0.08079	\$ 0.06964	\$ 0.06136	\$ 0.06742	\$ 0.08186	\$ 0.07056
SC3A_Transmission	\$ 0.05711	\$ 0.06287	\$ 0.07636	\$ 0.06545	\$ 0.05766	\$ 0.06349	\$ 0.07712	\$ 0.06609
Lighting	\$ 0.05077	\$ 0.05457	\$ 0.06554	\$ 0.05526	\$ 0.05156	\$ 0.05542	\$ 0.06659	\$ 0.05613

2. Uncollectible % Rates

SC1	1.97%	1.97%	1.97%	1.97%	2.29%	2.29%	2.29%	2.29%
SC1C	1.97%	1.97%	1.97%	1.97%	2.29%	2.29%	2.29%	2.29%
SC2ND	1.97%	1.97%	1.97%	1.97%	2.29%	2.29%	2.29%	2.29%
SC2D	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
SC3_Secondary	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
SC3_Primary	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
SC3_SubTransmission	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
SC3_Transmission	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
SC3A_Secondary	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
SC3A_Primary	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
SC3A_SubTransmission	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
SC3A_Transmission	0.2%	0.2%	0.2%	0.2%	0.47%	0.47%	0.47%	0.47%
Lighting	0.07%	0.07%	0.07%	0.07%	0.10%	0.10%	0.10%	0.10%

3. Uncollectible Expenses Associated with Electric Supply Costs (\$/kWh) = (1 X 2)

SC1	\$0.0015	\$0.0016	\$0.0017	\$0.0016	\$0.0018	\$0.0019	\$0.0020	\$0.0019
SC1C	\$0.0014	\$0.0018	\$0.0022	\$0.0019	\$0.0016	\$0.0022	\$0.0025	\$0.0022
SC2ND	\$0.0015	\$0.0016	\$0.0016	\$0.0016	\$0.0018	\$0.0019	\$0.0019	\$0.0019
SC2D	\$0.0001	\$0.0002	\$0.0002	\$0.0002	\$0.0003	\$0.0004	\$0.0004	\$0.0004
SC3_Secondary	\$0.0001	\$0.0002	\$0.0002	\$0.0002	\$0.0003	\$0.0004	\$0.0004	\$0.0004
SC3_Primary	\$0.0001	\$0.0001	\$0.0002	\$0.0001	\$0.0003	\$0.0003	\$0.0004	\$0.0004
SC3_SubTransmission	\$0.0001	\$0.0001	\$0.0002	\$0.0001	\$0.0003	\$0.0003	\$0.0004	\$0.0003
SC3_Transmission	\$0.0001	\$0.0001	\$0.0002	\$0.0001	\$0.0003	\$0.0003	\$0.0004	\$0.0003
SC3A_Secondary	\$0.0001	\$0.0001	\$0.0002	\$0.0001	\$0.0003	\$0.0003	\$0.0004	\$0.0003
SC3A_Primary	\$0.0001	\$0.0001	\$0.0002	\$0.0001	\$0.0003	\$0.0003	\$0.0004	\$0.0003
SC3A_SubTransmission	\$0.0001	\$0.0001	\$0.0002	\$0.0001	\$0.0003	\$0.0003	\$0.0004	\$0.0003
SC3A_Transmission	\$0.0001	\$0.0001	\$0.0002	\$0.0001	\$0.0003	\$0.0003	\$0.0004	\$0.0003
Lighting	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0001	\$0.0001	\$0.0001	\$0.0001

4. Volumes (kWh)

SC1	751,256,645	799,431,783	989,764,344	1,033,250,931	751,256,645	799,431,783	989,764,344	1,033,250,931
SC1C	12,506,581	13,330,257	16,530,737	17,284,866	12,506,581	13,330,257	16,530,737	17,284,866
SC2ND	43,098,304	43,405,055	47,279,794	50,269,549	43,098,304	43,405,055	47,279,794	50,269,549
SC2D	142,983,328	143,969,778	157,199,552	163,179,798	142,983,328	143,969,778	157,199,552	163,179,798
SC3_Secondary	67,838,837	68,360,575	74,085,953	76,103,011	67,838,837	68,360,575	74,085,953	76,103,011
SC3_Primary	24,706,398	24,874,418	26,866,511	27,496,068	24,706,398	24,874,418	26,866,511	27,496,068
SC3_SubTransmission	7,923,015	7,973,931	8,600,294	8,788,147	7,923,015	7,973,931	8,600,294	8,788,147
SC3_Transmission	9,097,032	9,147,669	9,833,454	10,011,277	9,097,032	9,147,669	9,833,454	10,011,277
SC3A_Secondary	327,190	331,737	355,079	356,658	327,190	331,737	355,079	356,658
SC3A_Primary	15,920,225	15,973,461	16,904,678	16,880,101	15,920,225	15,973,461	16,904,678	16,880,101
SC3A_SubTransmission	10,388,362	10,494,015	11,176,538	11,187,786	10,388,362	10,494,015	11,176,538	11,187,786
SC3A_Transmission	177,137,089	178,006,768	188,235,016	187,491,835	177,137,089	178,006,768	188,235,016	187,491,835
Lighting	3,167,094	2,902,972	3,069,721	3,397,248	3,167,094	2,902,972	3,069,721	3,397,248
Total	1,266,350,098	1,318,202,416	1,549,901,671	1,605,697,275	1,266,350,098	1,318,202,416	1,549,901,671	1,605,697,275

5. Total Dollars = (4 X 3)

SC1	\$1,151,245	\$1,305,910	\$1,655,272	\$1,658,590	\$1,358,919	\$1,542,691	\$1,960,219	\$1,960,798
SC1C	\$17,214	\$24,429	\$35,561	\$32,068	\$20,344	\$28,882	\$42,048	\$37,913
SC2ND	\$64,607	\$69,047	\$77,689	\$79,162	\$76,257	\$81,562	\$92,003	\$93,584
SC2D	\$19,473	\$21,598	\$28,118	\$25,412	\$46,180	\$51,224	\$66,701	\$60,274
SC3_Secondary	\$9,270	\$10,275	\$13,258	\$11,851	\$21,984	\$24,370	\$31,451	\$28,109
SC3_Primary	\$3,230	\$3,581	\$4,626	\$4,108	\$7,642	\$8,474	\$10,948	\$9,722
SC3_SubTransmission	\$1,014	\$1,124	\$1,457	\$1,291	\$2,398	\$2,659	\$3,446	\$3,054
SC3_Transmission	\$1,133	\$1,255	\$1,629	\$1,439	\$2,671	\$2,958	\$3,839	\$3,393
SC3A_Secondary	\$41	\$45	\$59	\$51	\$97	\$108	\$140	\$121
SC3A_Primary	\$1,967	\$2,168	\$2,769	\$2,382	\$4,653	\$5,129	\$6,553	\$5,637
SC3A_SubTransmission	\$1,259	\$1,397	\$1,806	\$1,558	\$2,976	\$3,302	\$4,271	\$3,685
SC3A_Transmission	\$20,231	\$22,383	\$28,746	\$24,542	\$47,676	\$52,752	\$67,761	\$57,843
Lighting	\$113	\$111	\$141	\$131	\$171	\$169	\$214	\$200
Total	\$ 1,290,796	\$ 1,463,322	\$ 1,851,130	\$ 1,842,587	\$ 1,591,966	\$ 1,804,278	\$ 2,289,595	\$ 2,264,333

Total	\$ 6,447,835				\$ 7,950,173			
Make Whole Provision to be recorded (reduction in revenues)					\$ 1,502,337			

Niagara Mohawk Power Corporation d/b/a National Grid  
Merchant Function Charge  
Illustrative Example: Make Whole Calculation of Return Requirement on Electric Purchase-Related Working Capital

	Current				Proposed			
	May-2025	Jun-2025	Jul-2025	Aug-2025	May-2025	Jun-2025	Jul-2025	Aug-2025
1. Supply Forecast (Includes NHA for Mass-Market Customers) (\$/kWh)								
SC1	\$ 0.07209	\$ 0.07722	\$ 0.07919	\$ 0.07578	\$ 0.07324	\$ 0.07852	\$ 0.08073	\$ 0.07712
SC1C	\$ 0.06417	\$ 0.08733	\$ 0.10350	\$ 0.08847	\$ 0.06529	\$ 0.08886	\$ 0.10531	\$ 0.09003
SC2ND	\$ 0.07039	\$ 0.07505	\$ 0.07771	\$ 0.07424	\$ 0.07152	\$ 0.07631	\$ 0.07923	\$ 0.07555
SC2D	\$ 0.06240	\$ 0.06931	\$ 0.08373	\$ 0.07217	\$ 0.06349	\$ 0.07052	\$ 0.08520	\$ 0.07343
SC3_Secondary	\$ 0.06263	\$ 0.06945	\$ 0.08378	\$ 0.07216	\$ 0.06372	\$ 0.07067	\$ 0.08525	\$ 0.07343
SC3_Primary	\$ 0.05966	\$ 0.06628	\$ 0.08039	\$ 0.06901	\$ 0.06056	\$ 0.06728	\$ 0.08160	\$ 0.07005
SC3_SubTransmission	\$ 0.05831	\$ 0.06480	\$ 0.07900	\$ 0.06778	\$ 0.05914	\$ 0.06573	\$ 0.08013	\$ 0.06875
SC3_Transmission	\$ 0.05659	\$ 0.06289	\$ 0.07711	\$ 0.06619	\$ 0.05720	\$ 0.06356	\$ 0.07794	\$ 0.06691
SC3A_Secondary	\$ 0.05654	\$ 0.06271	\$ 0.07747	\$ 0.06592	\$ 0.05753	\$ 0.06381	\$ 0.07882	\$ 0.06708
SC3A_Primary	\$ 0.05606	\$ 0.06215	\$ 0.07620	\$ 0.06487	\$ 0.05691	\$ 0.06309	\$ 0.07734	\$ 0.06584
SC3A_SubTransmission	\$ 0.05488	\$ 0.06084	\$ 0.07509	\$ 0.06394	\$ 0.05566	\$ 0.06172	\$ 0.07616	\$ 0.06486
SC3A_Transmission	\$ 0.05141	\$ 0.05717	\$ 0.07066	\$ 0.05975	\$ 0.05196	\$ 0.05779	\$ 0.07142	\$ 0.06039
Lighting	\$ 0.04507	\$ 0.04887	\$ 0.05984	\$ 0.04956	\$ 0.04586	\$ 0.04972	\$ 0.06089	\$ 0.05043
2. Lead Lag Rates								
SC1	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC1C	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC2ND	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC2D	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC3_Secondary	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC3_Primary	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC3_SubTransmission	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC3_Transmission	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC3A_Secondary	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC3A_Primary	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC3A_SubTransmission	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
SC3A_Transmission	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
Lighting	4.25%	4.25%	4.25%	4.25%	3.31%	3.31%	3.31%	3.31%
3. Pre-Tax Weighted Average Cost of Capital								
SC1	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC1C	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC2ND	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC2D	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC3_Secondary	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC3_Primary	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC3_SubTransmission	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC3_Transmission	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC3A_Secondary	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC3A_Primary	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC3A_SubTransmission	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
SC3A_Transmission	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
Lighting	7.66%	7.66%	7.66%	7.66%	8.54%	8.54%	8.54%	8.54%
4. Return Requirement on Electric Working Capital (\$/kWh) = ( 1 X 2 X 3 )								
SC1	\$ 0.0002	\$ 0.0003	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC1C	\$ 0.0002	\$ 0.0003	\$ 0.0003	\$ 0.0003	\$ 0.0002	\$ 0.0003	\$ 0.0003	\$ 0.0003
SC2ND	\$ 0.0002	\$ 0.0002	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC2D	\$ 0.0002	\$ 0.0002	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC3_Secondary	\$ 0.0002	\$ 0.0002	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC3_Primary	\$ 0.0002	\$ 0.0002	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC3_SubTransmission	\$ 0.0002	\$ 0.0002	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC3_Transmission	\$ 0.0002	\$ 0.0002	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC3A_Secondary	\$ 0.0002	\$ 0.0002	\$ 0.0003	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC3A_Primary	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC3A_SubTransmission	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002
SC3A_Transmission	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0001	\$ 0.0002	\$ 0.0002	\$ 0.0002
Lighting	\$ 0.0001	\$ 0.0002	\$ 0.0002	\$ 0.0002	\$ 0.0001	\$ 0.0001	\$ 0.0002	\$ 0.0001
5. Volumes (kWh)								
SC1	751,256,645	799,431,783	989,764,344	1,033,250,931	751,256,645	799,431,783	989,764,344	1,033,250,931
SC1C	12,506,581	13,330,257	16,530,737	17,284,866	12,506,581	13,330,257	16,530,737	17,284,866
SC2ND	43,098,304	43,405,055	47,279,794	50,269,549	43,098,304	43,405,055	47,279,794	50,269,549
SC2D	142,983,328	143,969,778	157,199,552	163,179,798	142,983,328	143,969,778	157,199,552	163,179,798
SC3_Secondary	67,838,837	68,360,575	74,085,953	76,103,011	67,838,837	68,360,575	74,085,953	76,103,011
SC3_Primary	24,706,398	24,874,418	26,866,511	27,496,068	24,706,398	24,874,418	26,866,511	27,496,068
SC3_SubTransmission	7,923,015	7,973,931	8,600,294	8,788,147	7,923,015	7,973,931	8,600,294	8,788,147
SC3_Transmission	9,097,032	9,147,669	9,833,454	10,011,277	9,097,032	9,147,669	9,833,454	10,011,277
SC3A_Secondary	327,190	331,737	355,079	356,658	327,190	331,737	355,079	356,658
SC3A_Primary	15,920,225	15,973,461	16,904,678	16,880,101	15,920,225	15,973,461	16,904,678	16,880,101
SC3A_SubTransmission	10,388,362	10,494,015	11,176,538	11,187,786	10,388,362	10,494,015	11,176,538	11,187,786
SC3A_Transmission	177,137,089	178,006,768	188,235,016	187,491,835	177,137,089	178,006,768	188,235,016	187,491,835
Lighting	3,167,094	2,902,972	3,069,721	3,397,248	3,167,094	2,902,972	3,069,721	3,397,248
Total	1,266,350,098	1,318,202,416	1,549,901,671	1,605,697,275	1,266,350,098	1,318,202,416	1,549,901,671	1,605,697,275
6. Total Return Requirement on Electric Working Capital = ( 4 X 5 )								
SC1	\$ 176,294	\$ 200,957	\$ 255,155	\$ 254,896	\$ 155,519	\$ 177,411	\$ 225,846	\$ 225,217
SC1C	\$ 2,612	\$ 3,789	\$ 5,569	\$ 4,978	\$ 2,308	\$ 3,348	\$ 4,920	\$ 4,398
SC2ND	\$ 9,876	\$ 10,604	\$ 11,960	\$ 12,148	\$ 8,712	\$ 9,361	\$ 10,587	\$ 10,734
SC2D	\$ 29,042	\$ 32,482	\$ 42,848	\$ 38,334	\$ 25,658	\$ 28,696	\$ 37,855	\$ 33,867
SC3_Secondary	\$ 13,830	\$ 15,456	\$ 20,205	\$ 17,877	\$ 12,218	\$ 13,654	\$ 17,850	\$ 15,794
SC3_Primary	\$ 4,798	\$ 5,367	\$ 7,030	\$ 6,177	\$ 4,229	\$ 4,730	\$ 6,196	\$ 5,444
SC3_SubTransmission	\$ 1,504	\$ 1,682	\$ 2,212	\$ 1,939	\$ 1,324	\$ 1,481	\$ 1,948	\$ 1,708
SC3_Transmission	\$ 1,676	\$ 1,873	\$ 2,468	\$ 2,157	\$ 1,471	\$ 1,643	\$ 2,166	\$ 1,893
SC3A_Secondary	\$ 60	\$ 68	\$ 90	\$ 77	\$ 53	\$ 60	\$ 79	\$ 68
SC3A_Primary	\$ 2,905	\$ 3,232	\$ 4,193	\$ 3,564	\$ 2,561	\$ 2,848	\$ 3,695	\$ 3,141
SC3A_SubTransmission	\$ 1,856	\$ 2,078	\$ 2,732	\$ 2,329	\$ 1,634	\$ 1,830	\$ 2,406	\$ 2,051
SC3A_Transmission	\$ 29,642	\$ 33,128	\$ 43,296	\$ 36,467	\$ 26,013	\$ 29,073	\$ 37,996	\$ 32,003
Lighting	\$ 465	\$ 462	\$ 598	\$ 548	\$ 411	\$ 408	\$ 528	\$ 484
Total	\$ 274,561	\$ 311,178	\$ 398,356	\$ 381,491	\$ 242,111	\$ 274,545	\$ 352,072	\$ 336,800
Total	\$ 1,365,586				\$ 1,205,528			
Make Whole Provision to be recorded (reduction in revenues)								
					\$ (160,058)			

## (\$000s)

[illegible]



Standby Allocated Cost of Service - Transmission Demand  
(\$000s)

Account	Balance	Residential	Resid. TOU	Small Gen No Dem	Small Gen Demand	Large Gen- Sec	Large Gen- Pri	Large Gen- Tran	Lge Gen TOU-S/P	Lge Gen TOU-SubT	Lge Gen TOU-Tran	Lighting
1 Total Revenue Requirement Shared	\$653,840	\$291,284	\$5,067	\$18,527	\$82,397	\$75,885	\$30,969	\$12,112	\$20,270	\$26,501	\$89,981	\$849
2 Total Revenue Requirement Local	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 Total Revenue Requirement	\$653,840	\$291,284	\$5,067	\$18,527	\$82,397	\$75,885	\$30,969	\$12,112	\$20,270	\$26,501	\$89,981	\$849
4 Percent Shared	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

1 Revenue Requirement after applying Shared Allocators to ECOSSE Transmission Demand Class Allocation  
2 Revenue Requirement after applying Local Allocators to ECOSSE Transmission Demand Class Allocation  
3 Sum of Lines 1 and 2.  
4 Line 1 / Line 3

Standby Allocated Cost of Service - Primary Demand  
(\$000s)

Account	Balance	Residential	Resid. TOU	Small Gen No Dem	Small Gen Demand	Large Gen- Sec	Large Gen- Pri	Large Gen- Tran	Lge Gen TOU-S/P	Lge Gen TOU-SubT	Lge Gen TOU-Tran	Lighting
1 Total Revenue Requirement Shared	\$353,453	\$108,058	\$1,906	\$7,306	\$90,012	\$85,612	\$34,675	\$165	\$22,737	\$323	\$1,099	\$1,560
2 Total Revenue Requirement Local	\$31,699	\$14,711	\$129	\$918	\$6,222	\$5,781	\$2,327	\$11	\$1,463	\$6	\$15	\$117
3 Total Revenue Requirement	\$385,152	\$122,769	\$2,035	\$8,224	\$96,234	\$91,393	\$37,002	\$176	\$24,200	\$330	\$1,113	\$1,676
4 Percent Shared	91.8%	88.0%	93.6%	88.8%	93.5%	93.7%	93.7%	93.6%	94.0%	98.2%	98.7%	93.0%

1 Revenue Requirement after applying Shared Allocators to ECOS Primary Demand Class Allocation  
2 Revenue Requirement after applying Local Allocators to ECOS Primary Demand Demand Class Allocation  
3 Sum of Lines 1 and 2.  
4 Line 1 / Line 3

Standby Allocated Cost of Service - Primary Customer  
(\$000s)

Account	Balance	Residential	Resid. TOU	Small Gen No Dem	Small Gen Demand	Large Gen- Sec	Large Gen- Pri	Large Gen- Tran	Lge Gen TOU-S/P	Lge Gen TOU-SubT	Lge Gen TOU-Tran	Lighting
1 Total Revenue Requirement Shared	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2 Total Revenue Requirement Local	\$698,310	\$612,830	\$1,934	\$51,387	\$22,709	\$4,642	\$1,449	\$236	\$646	\$435	\$1,457	\$587
3 Total Revenue Requirement	\$698,310	\$612,830	\$1,934	\$51,387	\$22,709	\$4,642	\$1,449	\$236	\$646	\$435	\$1,457	\$587
4 Percent Shared	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

1 Revenue Requirement after applying Shared Allocators to ECOS Primary Customer Class Allocation  
2 Revenue Requirement after applying Local Allocators to ECOS Primary Customer Class Allocation  
3 Sum of Lines 1 and 2.  
4 Line 1 / Line 3

Standby Allocated Cost of Service - Secondary Demand  
(\$000s)

Account	Balance	Residential	Resid. TOU	Small Gen No Dem	Small Gen Demand	Large Gen-Sec	Large Gen-Pri	Large Gen-Tran	Lge Gen TOU-S/P	Lge Gen TOU-SubT	Lge Gen TOU-Tran	Lighting
1 Total Revenue Requirement Shared	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Total Revenue Requirement Local	\$ 193,881	\$ 110,905	\$ 369	\$ 7,337	\$ 39,854	\$ 27,374	\$ 3,304	\$ 807	\$ 1,089	\$ 464	\$ 1,025	\$ 1,354
3 Total Revenue Requirement	\$193,881	\$110,905	\$369	\$7,337	\$39,854	\$27,374	\$3,304	\$807	\$1,089	\$464	\$1,025	\$1,354
4 Percent Shared	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

1 Revenue Requirement after applying Shared Allocators to ECOSSE Secondary Demand Class Allocation  
2 Revenue Requirement after applying Local Allocators to ECOSSE Secondary Demand Class Allocation  
3 Sum of Lines 1 and 2.  
4 Line 1 / Line 3

Standby Allocated Cost of Service - Secondary Customer  
(\$000s)

Account	Balance	Residential	Resid. TOU	Small Gen No Dem	Small Gen Demand	Large Gen-Sec	Large Gen-Pri	Large Gen-Tran	Lge Gen TOU-S/P	Lge Gen TOU-SubT	Lge Gen TOU-Tran	Lighting
1 Total Revenue Requirement Shared	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Total Revenue Requirement Local	\$ 237,748	\$ 172,580	\$ 556	\$ 15,672	\$ 7,938	\$ 1,922	\$ 561	\$ 116	\$ 293	\$ 204	\$ 678	\$ 37,228
3 Total Revenue Requirement	\$237,748	\$172,580	\$556	\$15,672	\$7,938	\$1,922	\$561	\$116	\$293	\$204	\$678	\$37,228
4 Percent Shared	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

1 Revenue Requirement after applying Shared Allocators to ECOSSE Secondary Customer Class Allocation  
2 Revenue Requirement after applying Local Allocators to ECOSSE Secondary Customer Class Allocation  
3 Sum of Lines 1 and 2.  
4 Line 1 / Line 3

Standby Allocated Cost of Service - On-site Customer  
(\$000s)

Account	Balance	Residential	Resid. TOU	Small Gen No Dem	Small Gen Demand	Large Gen-Sec	Large Gen-Pri	Large Gen-Tran	Lge Gen TOU-S/P	Lge Gen TOU-SubT	Lge Gen TOU-Tran	Lighting
1 Total Revenue Requirement Shared	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Total Revenue Requirement Local	\$ 535,811	\$ 316,222	\$ 2,713	\$ 24,756	\$ 89,164	\$ 40,574	\$ 15,905	\$ 5,309	\$ 7,129	\$ 7,336	\$ 23,669	\$ 3,032
3 Total Revenue Requirement	\$ 535,811	\$ 316,222	\$ 2,713	\$ 24,756	\$ 89,164	\$ 40,574	\$ 15,905	\$ 5,309	\$ 7,129	\$ 7,336	\$ 23,669	\$ 3,032
4 Percent Shared	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

1 Revenue Requirement after applying Shared Allocators to ECOSSE Allocations (Billing Customer, Regulatory, Competitive Supply, Competitive Collection, and Competitive Billing)  
2 Revenue Requirement after applying Local Allocators to ECOSSE Allocations (Billing Customer, Regulatory, Competitive Supply, Competitive Collection, and Competitive Billing)  
3 Sum of Lines 1 and 2.  
4 Line 1 / Line 3

NIAGARA MOHWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Electricity Service Classification No. 7  
Shared and Local Facilities Rate Class Revenue Requirements, Previous Methodology, Used for SC7 Phase-In Rates  
Rate Year 1 Compressed

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
		Large General Service SC-3			Large General Service SC-3A			
	SC-2D	Secondary	Primary	Sub/Transmission	Sec/Primary	Subtransmission	Transmission	TOTAL
1. Total Revenue Requirement	\$156,445,195	\$110,100,937	\$37,983,189	\$6,413,546	\$24,429,277	\$13,024,164	\$42,372,048	\$390,768,358
2. Less: Customer Charge Revenue	\$21,905,886	\$20,413,706	\$4,392,835	\$1,856,365	\$1,567,641	\$2,140,153	\$5,882,695	\$58,159,281
3. Less: Reactive Demand Revenue	N/A	\$274,723	\$315,437	\$211,001	\$262,428	\$475,537	\$1,268,947	\$2,808,073
4. Less: NYPA SurCredit Revenue	-\$4,909	-\$209,878	-\$242,239	-\$168,579	-\$265,362	-\$318,815	-\$3,035,109	-\$4,244,892
5. Balance of Rev Req (line 1 - line 2 - line 3 - line 4)	\$134,544,218	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516	\$334,045,896
6. Standby ACOS Study - Shared Allocation %	51.0%	66.8%	73.6%	65.5%	80.2%	76.1%	77.2%	
7. Shared Revenue Requirement (Line 1 * Line 6)	\$79,730,601	\$73,539,234	\$27,955,841	\$4,197,847	\$19,591,482	\$9,905,587	\$32,726,691	\$247,647,283
<b>As-Used Charge Delivery Requirement</b> (Min of Line 5,								
8. Line 7)	\$79,730,601	\$73,539,234	\$27,955,841	\$4,197,847	\$19,591,482	\$9,905,587	\$32,726,691	\$247,647,283
<b>Contract Charge Delivery Requirement</b> (Max of 0, Line 5 -								
9. Line 8)	\$54,813,617	\$16,083,152	\$5,561,316	\$316,913	\$3,273,089	\$821,702	\$5,528,824	\$86,398,612
<b>Revenue Neutrality Check 1:</b>								
10. Parent Class T&D Rate (\$kWh kW)	\$16.99	\$14.28	\$12.88	\$4.07	\$14.07	\$4.97	\$4.36	
11. Parent Class Delivery kWh kW	7,919,024	6,276,077	2,602,264	1,109,277	1,625,058	2,158,408	8,774,201	30,464,310
12. Parent Class Target T&D Revenue (Line 10 * Line 11)	\$134,544,218	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516	\$334,045,896
13. SC7 As Used Charge Delivery Revenue (line 8)	\$79,730,601	\$73,539,234	\$27,955,841	\$4,197,847	\$19,591,482	\$9,905,587	\$32,726,691	\$247,647,283
14. SC7 Contract Charge Delivery Revenue (line 9)	\$54,813,617	\$16,083,152	\$5,561,316	\$316,913	\$3,273,089	\$821,702	\$5,528,824	\$86,398,612
15. SC7 T&D Revenue (line 13 + line 14)	\$134,544,218	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516	\$334,045,896
16. Difference (line 12 - line 15)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Neutrality Check 2:</b>								
17. SC7 T&D Revenue (line 15)	\$134,544,218	\$89,622,386	\$33,517,156	\$4,514,759	\$22,864,571	\$10,727,289	\$38,255,516	\$334,045,896
18. SC7 Customer Charge revenue (line 2)	\$21,905,886	\$20,413,706	\$4,392,835	\$1,856,365	\$1,567,641	\$2,140,153	\$5,882,695	\$58,159,281
19. SC7 Reactive Charge Revenue (line 3)	N/A	\$274,723	\$315,437	\$211,001	\$262,428	\$475,537	\$1,268,947	\$2,808,073
20. NYPA SurCredit Revenue line 4)	-\$4,909	-\$209,878	-\$242,239	-\$168,579	-\$265,362	-\$318,815	-\$3,035,109	-\$4,244,892
21. SC7 Total Revenue (sum line 17 thru line 20)	\$156,445,195	\$110,100,937	\$37,983,189	\$6,413,546	\$24,429,277	\$13,024,164	\$42,372,048	\$390,768,358
22. Total Revenue Requirement (line 1)	\$156,445,195	\$110,100,937	\$37,983,189	\$6,413,546	\$24,429,277	\$13,024,164	\$42,372,048	\$390,768,358
23. Difference (line 21 - line 1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

Lines 1-4 from Appendix 2, Schedule 3C, Pages 5-6

Line 6 from Company's Shared/Local Methodology used in prior rate cases. This study was performed again for this rate case to develop the SC7 Phase-In Rate Calculation.

NIAGARA MOHAWK d/b/a NATIONALGRID  
PSC No. 220 Electricity Service Classification No. 7  
Standby Rate Design by Parent Service Class, Previous Methodology, Used for SC7 Phase-In Rates  
Rate Year 1 Compressed

Proposed Stayout Period Rates

Parent Service Class	Delivery Rate a	Delivery kWh/kW b	Total Delivery Revenue c=a*b
SC2D	\$16.99	7,919,024	\$134,544,218
SC3 Sec	\$14.28	6,276,077	\$89,622,386
SC3 Pri	\$12.88	2,602,264	\$33,517,156
SC3 Sub/Tran	\$4.07	1,109,277	\$4,514,759
SC3A Sec/Pri	\$14.07	1,625,058	\$22,864,571
SC3A Sub	\$4.97	2,158,408	\$10,727,289
SC3A Tran	\$4.36	8,774,201	\$38,255,516

Revenue Neutral to Parent Service Class

SC7 Service Class d	Contract Demand Charge Revenue Requirement e	Contract Demand Units f	Contract Demand Rate g=e/f	As Used Daily Revenue Requirement h	As Used Daily Demand Units i	As Used Daily Demand Rate j=h/i	Total Revenue k=f*g+i*j	Revenue Check k=c-j
SC7/SC2D	\$54,813,617	12,046,419	\$4.55	\$79,730,601	96,332,511	\$0.8277	134,544,218	\$0
SC7/SC3 Sec	\$16,083,152	7,850,745	\$2.05	\$73,539,234	144,871,581	\$0.5076	89,622,386	\$0
SC7/SC3 Pri	\$5,561,316	3,252,569	\$1.71	\$27,955,841	45,321,951	\$0.6168	33,517,156	\$0
SC7/SC3 SubT/Tran	\$316,913	1,444,168	\$0.22	\$4,197,847	16,659,120	\$0.2520	4,514,759	\$0
SC7/SC3A Sec/Pri	\$3,273,089	1,982,896	\$1.65	\$19,591,482	28,349,295	\$0.6911	22,864,571	\$0
SC7/SC3A SubT	\$821,702	2,671,462	\$0.31	\$9,905,587	36,837,115	\$0.2689	10,727,289	\$0
SC7/SC3A Tran	\$5,528,824	10,671,183	\$0.52	\$32,726,691	145,824,760	\$0.2244	38,255,516	\$0

## Notes:

(a) Appendix 2 Schedule 5.1, Page 1, Line 12

(b) Appendix 2 Schedule 5.1, Page 1, Line 13

(c) Appendix 2 Schedule 5.1, Page 1, Line 5

(e) Appendix 2, Schedule 16.2.1, Page 1, Line 9

(f) Parent Service Class kW from Appendix 2, Schedule 3C, Page 4 multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 1, Line 5

(h) Appendix 2, Schedule 16.2.1, Page 1, Line 8

(i) Demand Service Classes: kW multiplied by On-Peak Demand/Billed Demand Ratio, Appendix 2, Schedule 3C, Page 4 \* Appendix 2, Schedule 16.2.1, Page 4, Line 6

SC7 Customer Charges are the same as their parent rate class

SC7 RKVA Charges are the same as their parent rate class



## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

PSC No. 220 Electricity Service Classification No. 7

Contract Demand Multiplier, As-Used On-Peak Daily Demand/Energy, and Wholesale Energy Billing Determinants, Previous Methodology, Used for SC7 Phase-In Rates  
Rate Year 1 Compressed

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
		Large General Service SC-3			Large General Service SC-3A		
	SC-2D	Secondary	Primary	SubT/Transmission	Sec/Primary	Subtransmission	Transmission
1. Total Wholesale Energy Sales (kWh)	2,568,607,395	2,664,357,687	1,212,294,253	506,067,082	819,835,690	1,155,604,120	4,545,126,795
2. Sum of Customer Maximum Demands	21,581,621.3	8,726,102.9	4,922,545.4	2,420,568.6	2,376,081.2	4,072,170.3	15,358,455.3
3. Sum of Customer Demands	14,186,975.9	6,975,932.3	3,938,316.6	1,859,201.5	1,947,260.7	3,290,152.3	12,628,675.9
4. Contract Demand Multiplier	152.12%	125.09%	124.99%	130.19%	122.02%	123.77%	121.62%
5. As Used Billing Determinants*	96,332,511.2	144,871,581.0	45,321,951.2	16,659,120.0	28,349,294.9	36,837,114.8	145,824,759.8

\* As Used Billing Determinants are On-Peak Daily kW for SC-2D (Interval Metered), SC-3, and SC-3A

## PSC No. 220 Electricity Service Classification No. 7

## Calculation of Contract Demand Multiplier and As-Used On-Peak Billing Determinants, Previous Methodology, Used for SC7 Phase-In Rates

Based on updated demand study for 12 months ending 12/31/2022

	<u>SC2 Demand</u>	<u>SC3 Sec</u>	<u>SC3 Pri</u>	<u>SC3 Sub/Tra</u>	<u>SC3A Sec/Pri</u>	<u>SC3A Sub</u>	<u>SC3A Tra</u>
<b>Contract Demand Multiplier</b>							
1 Sum of Peak Demands	21,581,621	8,726,103	4,922,545	2,420,569	2,376,081	4,072,170	15,358,455
2 Billed Demand ratio	14,186,976	6,975,932	3,938,317	1,859,202	1,947,261	3,290,152	12,628,676
3 Ratio to Convert Bill Demands to Contract Demands	152.1%	125.1%	125.0%	130.2%	122.0%	123.8%	121.6%
<b>As-Used on-pk determinants (Used to develop SC7 Phase-In Rates)</b>							
4 Sum of On-Pk Demands	172,580,233	161,026,429	68,591,125	27,921,474	33,970,144	56,152,358	209,885,056
5 Billed Demand ratio	14,186,976	6,975,932	3,938,317	1,859,202	1,947,261	3,290,152	12,628,676
6 On-Pk Demand / Billed Demand Ratio	12.16	23.08	17.42	15.02	17.45	17.07	16.62

1 Sum of customer maximum demands \* 12

2 Ratio of maximum demand to peak demand weighted by sum of peak demands

3 Line 1 / Line 2

4 Sum of service class daily maximum on-peak demand, used to develop SC7 Phase-In Rate

5 Line 2

6 Line 4 / Line 5

NIAGARA MOHWK POWER CORPORATION d/b/a NATIONAL GRID  
 PSC No. 220 Electricity Service Classification No. 7  
 Shared and Local Facilities Rate Class Revenue Requirements, Previous Methodology, Used for SC7 Phase-In Rates  
 Rate Year 2 Including a Portion of Rate Year 1 Compression

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
		Large General Service SC-3			Large General Service SC-3A			
	SC-2D	Secondary	Primary	Sub/Transmission	Sec/Primary	Subtransmission	Transmission	TOTAL
1. Total Revenue Requirement	\$291,517,960	\$205,666,702	\$70,954,091	\$11,850,538	\$46,263,747	\$24,438,352	\$81,739,449	\$732,430,838
2. Less: Customer Charge Revenue	\$37,757,460	\$39,451,025	\$8,449,995	\$3,571,791	\$3,157,341	\$4,292,936	\$11,829,080	\$108,509,628
3. Less: Reactive Demand Revenue	N/A	\$465,447	\$534,607	\$357,775	\$447,020	\$808,436	\$2,157,519	\$4,770,803
4. Less: NYPA SurCredit Revenue	-\$8,612	-\$361,131	-\$412,377	-\$286,934	-\$455,560	-\$554,625	-\$5,233,131	-\$7,312,370
5. Balance of Rev Req (line 1 - line 2 - line 3 - line 4)	\$253,769,112	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981	\$626,462,777
6. Standby ACOS Study - Shared Allocation %	51.0%	66.8%	73.6%	65.5%	80.2%	76.1%	77.2%	
7. Shared Revenue Requirement (Line 1 * Line 6)	\$148,568,974	\$137,370,055	\$52,222,609	\$7,756,510	\$37,102,013	\$18,586,700	\$63,132,698	\$464,739,560
<b>As-Used Charge Delivery Requirement</b> (Min of Line 5,								
8. Line 7)	\$148,568,974	\$137,370,055	\$52,222,609	\$7,756,510	\$37,102,013	\$18,586,700	\$63,132,698	\$464,739,560
<b>Contract Charge Delivery Requirement</b> (Max of 0, Line 5 -								
9. Line 8)	\$105,200,138	\$28,741,306	\$10,159,256	\$451,396	\$6,012,933	\$1,304,905	\$9,853,283	\$161,723,217
<b>Revenue Neutrality Check 1:</b>								
10. Parent Class T&D Rate (\$kWh_kW)	\$18.93	\$15.62	\$14.14	\$4.36	\$15.58	\$5.42	\$4.89	
11. Parent Class Delivery kWh_kW	13,405,658	10,634,530	4,411,730	1,882,547	2,767,326	3,670,038	14,925,558	\$51,697,389
12. Parent Class Target T&D Revenue (Line 10 * Line 11)	\$253,769,112	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981	\$626,462,777
13. SC7 As Used Charge Delivery Revenue (line 8)	\$148,568,974	\$137,370,055	\$52,222,609	\$7,756,510	\$37,102,013	\$18,586,700	\$63,132,698	\$464,739,560
14. SC7 Contract Charge Delivery Revenue (line 9)	\$105,200,138	\$28,741,306	\$10,159,256	\$451,396	\$6,012,933	\$1,304,905	\$9,853,283	\$161,723,217
15. SC7 T&D Revenue (line 13 + line 14)	\$253,769,112	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981	\$626,462,777
16. Difference (line 12 - line 15)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Neutrality Check 2:</b>								
17. SC7 T&D Revenue (line 15)	\$253,769,112	\$166,111,361	\$62,381,866	\$8,207,906	\$43,114,946	\$19,891,605	\$72,985,981	\$626,462,777
18. SC7 Customer Charge revenue (line 2)	\$37,757,460	\$39,451,025	\$8,449,995	\$3,571,791	\$3,157,341	\$4,292,936	\$11,829,080	\$108,509,628
19. SC7 Reactive Charge Revenue (line 3)	N/A	\$465,447	\$534,607	\$357,775	\$447,020	\$808,436	\$2,157,519	\$4,770,803
20. NYPA SurCredit Revenue line 4)	-\$8,612	-\$361,131	-\$412,377	-\$286,934	-\$455,560	-\$554,625	-\$5,233,131	-\$7,312,370
21. SC7 Total Revenue (sum line 17 thru line 20)	\$291,517,960	\$205,666,702	\$70,954,091	\$11,850,538	\$46,263,747	\$24,438,352	\$81,739,449	\$732,430,838
22. Total Revenue Requirement (line 1)	\$291,517,960	\$205,666,702	\$70,954,091	\$11,850,538	\$46,263,747	\$24,438,352	\$81,739,449	\$732,430,838
23. Difference (line 21 - line 1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

## Notes:

Lines 1-4 from Appendix 2, Schedule 3D, Page 2

Line 6 from Company's Shared/Local Methodology used in prior rate cases. This study was performed again for this rate case to develop the SC7 Phase-In Rate Calculation.

NIAGARA MOHAWK d/b/a NATIONALGRID  
PSC No. 220 Electricity Service Classification No. 7  
Standby Rate Design by Parent Service Class, Previous Methodology, Used for SC7 Phase-In Rates  
Rate Year 2 Including a Portion of Rate Year 1 Compression

Proposed Stayout Period Rates

Parent Service Class	Delivery Rate a	Delivery kWh/kW b	Total Delivery Revenue c=a*b
SC2D	\$18.93	13,405,658	\$253,769,112
SC3 Sec	\$15.62	10,634,530	\$166,111,361
SC3 Pri	\$14.14	4,411,730	\$62,381,866
SC3 Sub/Tran	\$4.36	1,882,547	\$8,207,906
SC3A Sec/Pri	\$15.58	2,767,326	\$43,114,946
SC3A Sub	\$5.42	3,670,038	\$19,891,605
SC3A Tran	\$4.89	14,925,558	\$72,985,981

Revenue Neutral to Parent Service Class

SC7 Service Class d	Contract Demand Charge Revenue Requirement e	Contract Demand Units f	Contract Demand Rate g=e/f	As Used Daily Revenue Requirement h	As Used Daily Demand Units i	As Used Daily Demand Rate j=h/i	Total Revenue k=f*g+i*j	Revenue Check k=c-j
SC7/SC2D	\$105,200,138	20,393,059	\$5.16	\$148,568,974	163,075,743	\$0.9110	253,769,112	\$0
SC7/SC3 Sec	\$28,741,306	13,302,595	\$2.16	\$137,370,055	245,478,360	\$0.5596	166,111,361	\$0
SC7/SC3 Pri	\$10,159,256	5,514,270	\$1.84	\$52,222,609	76,836,265	\$0.6797	62,381,866	\$0
SC7/SC3 SubT/Tran	\$451,396	2,450,963	\$0.18	\$7,756,510	28,272,080	\$0.2744	8,207,906	\$0
SC7/SC3A Sec/Pri	\$6,012,933	3,376,740	\$1.78	\$37,102,013	48,276,268	\$0.7685	43,114,946	\$0
SC7/SC3A SubT	\$1,304,905	4,542,349	\$0.29	\$18,586,700	62,635,789	\$0.2967	19,891,605	\$0
SC7/SC3A Tran	\$9,853,283	18,151,826	\$0.54	\$63,132,698	248,058,599	\$0.2545	72,985,981	\$0

Notes:

- (a) Appendix 2 Schedule 5.1, Page 2, Line 12
- (b) Appendix 2 Schedule 5.1, Page 2, Line 13
- (c) Appendix 2 Schedule 5.1, Page 2, Line 5
- (e) Appendix 2, Schedule 16.2.2, Page 1, Line 9
- (f) Parent Service Class kW from Appendix 2, Schedule 3D, Page 1 multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 2, Line 5
- (h) Appendix 2, Schedule 16.2.2, Page 1, Line 8
- (i) Demand Service Classes: kW multiplied by On-Peak Demand/Billed Demand Ratio, Appendix 2, Schedule 3D, Page 2 \* Appendix 2, Schedule 16.2.2, Page 4, Line 6

SC7 Customer Charges are the same as their parent rate class

SC7 RKVA Charges are the same as their parent rate class

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

PSC No. 220 Electricity Service Classification No. 7

Contract Demand Multiplier, As-Used On-Peak Daily Demand/Energy, and Wholesale Energy Billing Determinants, Previous Methodology, Used for SC7 Phase-In Rates  
Rate Year 2 Including a Portion of Rate Year 1 Compression

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
		Large General Service SC-3			Large General Service SC-3A		
	SC-2D	Secondary	Primary	SubT/Transmission	Sec/Primary	Subtransmission	Transmission
1. Total Wholesale Energy Sales (kWh)	4,348,249,529	4,514,762,117	2,055,428,307	858,874,807	1,395,818,326	1,964,754,894	7,731,438,941
2. Sum of Customer Maximum Demands	21,581,621.3	8,726,102.9	4,922,545.4	2,420,568.6	2,376,081.2	4,072,170.3	15,358,455.3
3. Sum of Customer Demands	14,186,975.9	6,975,932.3	3,938,316.6	1,859,201.5	1,947,260.7	3,290,152.3	12,628,675.9
4. Contract Demand Multiplier	152.12%	125.09%	124.99%	130.19%	122.02%	123.77%	121.62%
5. As Used Billing Determinants*	163,075,743.2	245,478,360.0	76,836,265.3	28,272,080.3	48,276,268.0	62,635,789.0	248,058,599.0

\* As Used Billing Determinants are On-Peak Daily kW for SC-2D (Interval Metered), SC-3, and SC-3A

## PSC No. 220 Electricity Service Classification No. 7

Calculation of Contract Demand Multiplier and As-Used On-Peak Billing Determinants, Previous Methodology, Used for SC7 Phase-In Rates

Based on updated demand study for 12 months ending 12/31/2022

	<u>SC2 Demand</u>	<u>SC3 Sec</u>	<u>SC3 Pri</u>	<u>SC3 Sub/Tra</u>	<u>SC3A Sec/Pri</u>	<u>SC3A Sub</u>	<u>SC3A Tra</u>
<b>Contract Demand Multiplier</b>							
1 Sum of Peak Demands	21,581,621	8,726,103	4,922,545	2,420,569	2,376,081	4,072,170	15,358,455
2 Billed Demand ratio	14,186,976	6,975,932	3,938,317	1,859,202	1,947,261	3,290,152	12,628,676
3 Ratio to Convert Bill Demands to Contract Demands	152.1%	125.1%	125.0%	130.2%	122.0%	123.8%	121.6%
<b>As-Used on-pk determinants (Used to develop SC7 Phase-In Rates)</b>							
4 Sum of On-Pk Demands	172,580,233	161,026,429	68,591,125	27,921,474	33,970,144	56,152,358	209,885,056
5 Billed Demand ratio	14,186,976	6,975,932	3,938,317	1,859,202	1,947,261	3,290,152	12,628,676
6 On-Pk Demand / Billed Demand Ratio	12.16	23.08	17.42	15.02	17.45	17.07	16.62

1 Sum of customer maximum demands \* 12

2 Ratio of maximum demand to peak demand weighted by sum of peak demands

3 Line 1 / Line 2

4 Sum of service class daily maximum on-peak demand, used to develop SC7 Phase-In Rate

5 Line 2

6 Line 4 / Line 5

NIAGARA MOHWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Electricity Service Classification No. 7  
Shared and Local Facilities Rate Class Revenue Requirements, Previous Methodology, Used for SC7 Phase-In Rates  
Rate Year 3

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
		Large General Service SC-3			Large General Service SC-3A			
	SC-2D	Secondary	Primary	Sub/Transmission	Sec/Primary	Subtransmission	Transmission	TOTAL
1. Total Revenue Requirement	\$321,054,621	\$226,415,819	\$78,139,940	\$13,037,127	\$50,985,515	\$26,916,053	\$89,815,988	\$806,365,062
2. Less: Customer Charge Revenue	\$38,016,872	\$44,449,624	\$9,610,067	\$4,011,860	\$3,718,536	\$5,038,390	\$13,954,354	\$118,799,703
3. Less: Reactive Demand Revenue	N/A	\$459,911	\$528,275	\$353,559	\$441,317	\$797,090	\$2,127,260	\$4,707,413
4. Less: NYPA SurCredit Revenue	-\$8,476	-\$356,702	-\$410,473	-\$285,092	-\$451,133	-\$545,167	-\$4,996,290	-\$7,053,334
5. Balance of Rev Req (line 1 - line 2 - line 3 - line 4)	\$283,046,225	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663	\$689,911,279
6. Standby ACOS Study - Shared Allocation %	51.0%	66.8%	73.6%	65.5%	80.2%	76.1%	77.2%	
7. Shared Revenue Requirement (Line 1 * Line 6)	\$163,622,014	\$151,228,922	\$57,511,435	\$8,533,166	\$40,888,717	\$20,471,127	\$69,370,735	\$511,626,115
<b>As-Used Charge Delivery Requirement</b> (Min of Line 5, Line 7)								
8. Line 7)	\$163,622,014	\$151,228,922	\$57,511,435	\$8,533,166	\$40,888,717	\$20,471,127	\$69,370,735	\$511,626,115
<b>Contract Charge Delivery Requirement</b> (Max of 0, Line 5 - Line 8)								
9. Line 8)	\$119,424,211	\$30,634,064	\$10,900,636	\$423,634	\$6,388,078	\$1,154,614	\$9,359,928	\$178,285,165
<b>Revenue Neutrality Check 1:</b>								
10. Parent Class T&D Rate (\$kWh_kW)	\$21.35	\$17.31	\$15.70	\$4.82	\$17.32	\$5.98	\$5.36	
11. Parent Class Delivery kWh_kW	13,257,434	10,506,238	4,357,457	1,858,257	2,729,607	3,616,345	14,688,557	\$51,013,895
12. Parent Class Target T&D Revenue (Line 10 * Line 11)	\$283,046,225	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663	\$689,911,279
13. SC7 As Used Charge Delivery Revenue (line 8)	\$163,622,014	\$151,228,922	\$57,511,435	\$8,533,166	\$40,888,717	\$20,471,127	\$69,370,735	\$511,626,115
14. SC7 Contract Charge Delivery Revenue (line 9)	\$119,424,211	\$30,634,064	\$10,900,636	\$423,634	\$6,388,078	\$1,154,614	\$9,359,928	\$178,285,165
15. SC7 T&D Revenue (line 13 + line 14)	\$283,046,225	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663	\$689,911,279
16. Difference (line 12 - line 15)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Neutrality Check 2:</b>								
17. SC7 T&D Revenue (line 15)	\$283,046,225	\$181,862,985	\$68,412,071	\$8,956,800	\$47,276,795	\$21,625,741	\$78,730,663	\$689,911,279
18. SC7 Customer Charge revenue (line 2)	\$38,016,872	\$44,449,624	\$9,610,067	\$4,011,860	\$3,718,536	\$5,038,390	\$13,954,354	\$118,799,703
19. SC7 Reactive Charge Revenue (line 3)	N/A	\$459,911	\$528,275	\$353,559	\$441,317	\$797,090	\$2,127,260	\$4,707,413
20. NYPA SurCredit Revenue line 4)	-\$8,476	-\$356,702	-\$410,473	-\$285,092	-\$451,133	-\$545,167	-\$4,996,290	-\$7,053,334
21. SC7 Total Revenue (sum line 17 thru line 20)	\$321,054,621	\$226,415,819	\$78,139,940	\$13,037,127	\$50,985,515	\$26,916,053	\$89,815,988	\$806,365,062
22. Total Revenue Requirement (line 1)	\$321,054,621	\$226,415,819	\$78,139,940	\$13,037,127	\$50,985,515	\$26,916,053	\$89,815,988	\$806,365,062
23. Difference (line 21 - line 1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

Lines 1-4 from Appendix 2, Schedule 3E, Page 2

Line 6 from Company's Shared/Local Methodology used in prior rate cases. This study was performed again for this rate case to develop the SC7 Phase-In Rate Calculation.

NIAGARA MOHAWK d/b/a NATIONALGRID  
PSC No. 220 Electricity Service Classification No. 7  
Standby Rate Design by Parent Service Class, Previous Methodology, Used for SC7 Phase-In Rates  
Rate Year 3

## Proposed Stayout Period Rates

Parent Service Class	Delivery Rate a	Delivery kWh/kW b	Total Delivery Revenue c=a*b
SC2D	\$21.35	13,257,434	\$283,046,225
SC3 Sec	\$17.31	10,506,238	\$181,862,985
SC3 Pri	\$15.70	4,357,457	\$68,412,071
SC3 Sub/Tran	\$4.82	1,858,257	\$8,956,800
SC3A Sec/Pri	\$17.32	2,729,607	\$47,276,795
SC3A Sub	\$5.98	3,616,345	\$21,625,741
SC3A Tran	\$5.36	14,688,557	\$78,730,663

## Revenue Neutral to Parent Service Class

SC7 Service Class d	Contract Demand Charge Revenue Requirement e	Contract Demand Units f	Contract Demand Rate g=e/f	As Used Daily Revenue Requirement h	As Used Daily Demand Units i	As Used Daily Demand Rate j=h/i	Total Revenue k=f*g+i*j	Revenue Check k=c-j
SC7/SC2D	\$119,424,211	20,167,577	\$5.92	\$163,622,014	161,272,644	\$1.0146	283,046,225	\$0
SC7/SC3 Sec	\$30,634,064	13,142,117	\$2.33	\$151,228,922	242,516,982	\$0.6236	181,862,985	\$0
SC7/SC3 Pri	\$10,900,636	5,446,433	\$2.00	\$57,511,435	75,891,018	\$0.7578	68,412,071	\$0
SC7/SC3 SubT/Tran	\$423,634	2,419,339	\$0.18	\$8,533,166	27,907,293	\$0.3058	8,956,800	\$0
SC7/SC3A Sec/Pri	\$6,388,078	3,330,714	\$1.92	\$40,888,717	47,618,251	\$0.8587	47,276,795	\$0
SC7/SC3A SubT	\$1,154,614	4,475,893	\$0.26	\$20,471,127	61,719,416	\$0.3317	21,625,741	\$0
SC7/SC3A Tran	\$9,359,928	17,863,594	\$0.52	\$69,370,735	244,119,693	\$0.2842	78,730,663	\$0

## Notes:

- (a) Appendix 2 Schedule 5.1, Page 3, Line 12  
 (b) Appendix 2 Schedule 5.1, Page 3, Line 13  
 (c) Appendix 2 Schedule 5.1, Page 3, Line 5  
 (e) Appendix 2, Schedule 16.2.3, Page 1, Line 9  
 (f) Parent Service Class kW from Appendix 2, Schedule 3E, Page 1 multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 3, Line 5  
 (h) Appendix 2, Schedule 16.2.3, Page 1, Line 8  
 (i) Demand Service Classes: kW multiplied by On-Peak Demand/Billed Demand Ratio, Appendix 2, Schedule 3E, Page 2 \* Appendix 2, Schedule 16.2.3, Page 4, Line 6

SC7 Customer Charges are the same as their parent rate class

SC7 RKVA Charges are the same as their parent rate class



## NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

PSC No. 220 Electricity Service Classification No. 7

Contract Demand Multiplier, As-Used On-Peak Daily Demand/Energy, and Wholesale Energy Billing Determinants, Previous Methodology, Used for SC7 Phase-In Rates  
Rate Year 3

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
		Large General Service SC-3			Large General Service SC-3A		
	SC-2D	Secondary	Primary	SubT/Transmission	Sec/Primary	Subtransmission	Transmission
1. Total Wholesale Energy Sales (kWh)	4,300,168,531	4,460,255,866	2,030,096,358	847,500,752	1,376,217,594	1,935,916,566	7,610,038,016
2. Sum of Customer Maximum Demands	21,581,621.3	8,726,102.9	4,922,545.4	2,420,568.6	2,376,081.2	4,072,170.3	15,358,455.3
3. Sum of Customer Demands	14,186,975.9	6,975,932.3	3,938,316.6	1,859,201.5	1,947,260.7	3,290,152.3	12,628,675.9
4. Contract Demand Multiplier	152.12%	125.09%	124.99%	130.19%	122.02%	123.77%	121.62%
5. As Used Billing Determinants*	161,272,644.4	242,516,981.6	75,891,018.3	27,907,293.3	47,618,251.0	61,719,416.2	244,119,693.5

\* As Used Billing Determinants are On-Peak Daily kW for SC-2D (Interval Metered), SC-3, and SC-3A

## PSC No. 220 Electricity Service Classification No. 7

Calculation of Contract Demand Multiplier and As-Used On-Peak Billing Determinants, Previous Methodology, Used for SC7 Phase-In Rates

Based on updated demand study for 12 months ending 12/31/2022

	<u>SC2 Demand</u>	<u>SC3 Sec</u>	<u>SC3 Pri</u>	<u>SC3 Sub/Tra</u>	<u>SC3A Sec/Pri</u>	<u>SC3A Sub</u>	<u>SC3A Tra</u>
<b>Contract Demand Multiplier</b>							
1 Sum of Peak Demands	21,581,621	8,726,103	4,922,545	2,420,569	2,376,081	4,072,170	15,358,455
2 Billed Demand ratio	14,186,976	6,975,932	3,938,317	1,859,202	1,947,261	3,290,152	12,628,676
3 Ratio to Convert Bill Demands to Contract Demands	152.1%	125.1%	125.0%	130.2%	122.0%	123.8%	121.6%
<b>As-Used on-pk determinants (Used to develop SC7 Phase-In Rates)</b>							
4 Sum of On-Pk Demands	172,580,233	161,026,429	68,591,125	27,921,474	33,970,144	56,152,358	209,885,056
5 Billed Demand ratio	14,186,976	6,975,932	3,938,317	1,859,202	1,947,261	3,290,152	12,628,676
6 On-Pk Demand / Billed Demand Ratio	12.16	23.08	17.42	15.02	17.45	17.07	16.62

1 Sum of customer maximum demands \* 12

2 Ratio of maximum demand to peak demand weighted by sum of peak demands

3 Line 1 / Line 2

4 Sum of service class daily maximum on-peak demand, used to develop SC7 Phase-In Rate

5 Line 2

6 Line 4 / Line 5

NIAGARA MOHWK POWER CORPORATION d/b/a NATIONAL GRID  
PSC No. 220 Electricity Service Classification No. 7  
Shared and Local Facilities Rate Class Revenue Requirements, Previous Methodology, Used for SC7 Phase-In Rates  
Post Rate Year 3

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
		Large General Service SC-3			Large General Service SC-3A			
	SC-2D	Secondary	Primary	Sub/Transmission	Sec/Primary	Subtransmission	Transmission	TOTAL
1. Total Revenue Requirement	\$309,519,809	\$218,420,191	\$75,339,640	\$12,584,886	\$49,149,192	\$25,948,195	\$86,575,830	\$777,537,743
2. Less: Customer Charge Revenue	\$38,016,872	\$44,449,624	\$9,610,067	\$4,011,860	\$3,718,536	\$5,038,390	\$13,954,354	\$118,799,703
3. Less: Reactive Demand Revenue	N/A	\$459,911	\$528,275	\$353,559	\$441,317	\$797,090	\$2,127,260	\$4,707,413
4. Less: NYPA SurCredit Revenue	-\$9,320	-\$367,588	-\$422,000	-\$291,351	-\$458,619	-\$572,776	-\$5,298,736	-\$7,420,392
5. Balance of Rev Req (line 1 - line 2 - line 3 - line 4)	\$271,512,257	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952	\$661,451,019
6. Standby ACOS Study - Shared Allocation %	51.0%	66.8%	73.6%	65.5%	80.2%	76.1%	77.2%	
7. Shared Revenue Requirement (Line 1 * Line 6)	\$157,743,422	\$145,888,437	\$55,450,398	\$8,237,162	\$39,416,046	\$19,735,018	\$66,868,150	\$493,338,633
<b>As-Used Charge Delivery Requirement</b> (Min of Line 5, 8. Line 7)	\$157,743,422	\$145,888,437	\$55,450,398	\$8,237,162	\$39,416,046	\$19,735,018	\$66,868,150	\$493,338,633
<b>Contract Charge Delivery Requirement</b> (Max of 0, Line 5 - 9. Line 8)	\$113,768,835	\$27,989,807	\$10,172,900	\$273,656	\$6,031,913	\$950,473	\$8,924,801	\$168,112,386
<b>Revenue Neutrality Check 1:</b>								
10. Parent Class T&D Rate (\$kWh, kW)	\$20.48	\$16.55	\$15.06	\$4.58	\$16.65	\$5.72	\$5.16	
11. Parent Class Delivery kWh, kW	13,257,434	10,506,238	4,357,457	1,858,257	2,729,607	3,616,345	14,688,557	\$51,013,895
12. Parent Class Target T&D Revenue (Line 10 * Line 11)	\$271,512,257	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952	\$661,451,019
13. SC7 As Used Charge Delivery Revenue (line 8)	\$157,743,422	\$145,888,437	\$55,450,398	\$8,237,162	\$39,416,046	\$19,735,018	\$66,868,150	\$493,338,633
14. SC7 Contract Charge Delivery Revenue (line 9)	\$113,768,835	\$27,989,807	\$10,172,900	\$273,656	\$6,031,913	\$950,473	\$8,924,801	\$168,112,386
15. SC7 T&D Revenue (line 13 + line 14)	\$271,512,257	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952	\$661,451,019
16. Difference (line 12 - line 15)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Neutrality Check 2:</b>								
17. SC7 T&D Revenue (line 15)	\$271,512,257	\$173,878,244	\$65,623,299	\$8,510,818	\$45,447,958	\$20,685,491	\$75,792,952	\$661,451,019
18. SC7 Customer Charge revenue (line 2)	\$38,016,872	\$44,449,624	\$9,610,067	\$4,011,860	\$3,718,536	\$5,038,390	\$13,954,354	\$118,799,703
19. SC7 Reactive Charge Revenue (line 3)	N/A	\$459,911	\$528,275	\$353,559	\$441,317	\$797,090	\$2,127,260	\$4,707,413
20. NYPA SurCredit Revenue line 4)	-\$9,320	-\$367,588	-\$422,000	-\$291,351	-\$458,619	-\$572,776	-\$5,298,736	-\$7,420,392
21. SC7 Total Revenue (sum line 17 thru line 20)	\$309,519,809	\$218,420,191	\$75,339,640	\$12,584,886	\$49,149,192	\$25,948,195	\$86,575,830	\$777,537,743
22. Total Revenue Requirement (line 1)	\$309,519,809	\$218,420,191	\$75,339,640	\$12,584,886	\$49,149,192	\$25,948,195	\$86,575,830	\$777,537,743
23. Difference (line 21 - line 1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

Lines 1-4 from Appendix 2, Schedule 3F, Page 2

Line 6 from Company's Shared/Local Methodology used in prior rate cases. This study was performed again for this rate case to develop the SC7 Phase-In Rate Calculation.

NIAGARA MOHAWK d/b/a NATIONALGRID  
PSC No. 220 Electricity Service Classification No. 7  
Standby Rate Design by Parent Service Class, Previous Methodology, Used for SC7 Phase-In Rates  
Post Rate Year 3

Proposed Stayout Period Rates

Parent Service Class	Delivery Rate a	Delivery kWh/kW b	Total Delivery Revenue c=a*b
SC2D	\$20.48	13,257,434	\$271,512,257
SC3 Sec	\$16.55	10,506,238	\$173,878,244
SC3 Pri	\$15.06	4,357,457	\$65,623,299
SC3 Sub/Tran	\$4.58	1,858,257	\$8,510,818
SC3A Sec/Pri	\$16.65	2,729,607	\$45,447,958
SC3A Sub	\$5.72	3,616,345	\$20,685,491
SC3A Tran	\$5.16	14,688,557	\$75,792,952

Revenue Neutral to Parent Service Class

SC7 Service Class d	Contract Demand Charge Revenue Requirement e	Contract Demand Units f	Contract Demand Rate g=e/f	As Used Daily Revenue Requirement h	As Used Daily Demand Units i	As Used Daily Demand Rate j=h/i	Total Revenue k=f*g+i*j	Revenue Check k=c-j
SC7/SC2D	\$113,768,835	20,167,577	\$5.64	\$157,743,422	161,272,644	\$0.9781	271,512,257	\$0
SC7/SC3 Sec	\$27,989,807	13,142,117	\$2.13	\$145,888,437	242,516,982	\$0.6016	173,878,244	\$0
SC7/SC3 Pri	\$10,172,900	5,446,433	\$1.87	\$55,450,398	75,891,018	\$0.7307	65,623,299	\$0
SC7/SC3 SubT/Tran	\$273,656	2,419,339	\$0.11	\$8,237,162	27,907,293	\$0.2952	8,510,818	\$0
SC7/SC3A Sec/Pri	\$6,031,913	3,330,714	\$1.81	\$39,416,046	47,618,251	\$0.8278	45,447,958	\$0
SC7/SC3A SubT	\$950,473	4,475,893	\$0.21	\$19,735,018	61,719,416	\$0.3198	20,685,491	\$0
SC7/SC3A Tran	\$8,924,801	17,863,594	\$0.50	\$66,868,150	244,119,693	\$0.2739	75,792,952	\$0

## Notes:

(a) Appendix 2 Schedule 5.1, Page 4, Line 12

(b) Appendix 2 Schedule 5.1, Page 4, Line 13

(c) Appendix 2 Schedule 5.1, Page 4, Line 5

(e) Appendix 2, Schedule 16.2.4, Page 1, Line 9

(f) Parent Service Class kW from Appendix 2, Schedule 3F, Page 1 multiplied by Contract Demand multiplier found on Appendix 2, Schedule 5.5, Page 4, Line 5

(h) Appendix 2, Schedule 16.2.4, Page 1, Line 8

(i) Demand Service Classes: kW multiplied by On-Peak Demand/Billed Demand Ratio, Appendix 2, Schedule 3F, Page 2 \* Appendix 2, Schedule 16.2.4, Page 4, Line 6

SC7 Customer Charges are the same as their parent rate class

SC7 RKVA Charges are the same as their parent rate class

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID

PSC No. 220 Electricity Service Classification No. 7

Contract Demand Multiplier, As-Used On-Peak Daily Demand/Energy, and Wholesale Energy Billing Determinants, Previous Methodology, Used for SC7 Phase-In Rates  
Post Rate Year 3

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
		Large General Service SC-3			Large General Service SC-3A		
	SC-2D	Secondary	Primary	SubT/Transmission	Sec/Primary	Subtransmission	Transmission
1. Total Wholesale Energy Sales (kWh)	4,300,168,531	4,460,255,866	2,030,096,358	847,500,752	1,376,217,594	1,935,916,566	7,610,038,016
2. Sum of Customer Maximum Demands	21,581,621.3	8,726,102.9	4,922,545.4	2,420,568.6	2,376,081.2	4,072,170.3	15,358,455.3
3. Sum of Customer Demands	14,186,975.9	6,975,932.3	3,938,316.6	1,859,201.5	1,947,260.7	3,290,152.3	12,628,675.9
4. Contract Demand Multiplier	152.12%	125.09%	124.99%	130.19%	122.02%	123.77%	121.62%
5. As Used Billing Determinants*	161,272,644.4	242,516,981.6	75,891,018.3	27,907,293.3	47,618,251.0	61,719,416.2	244,119,693.5

\* As Used Billing Determinants are On-Peak Daily kW for SC-2D (Interval Metered), SC-3, and SC-3A

## PSC No. 220 Electricity Service Classification No. 7

Calculation of Contract Demand Multiplier and As-Used On-Peak Billing Determinants, Previous Methodology, Used for SC7 Phase-In Rates

Based on updated demand study for 12 months ending 12/31/2022

	<u>SC2 Demand</u>	<u>SC3 Sec</u>	<u>SC3 Pri</u>	<u>SC3 Sub/Tra</u>	<u>SC3A Sec/Pri</u>	<u>SC3A Sub</u>	<u>SC3A Tra</u>
<b>Contract Demand Multiplier</b>							
1 Sum of Peak Demands	21,581,621	8,726,103	4,922,545	2,420,569	2,376,081	4,072,170	15,358,455
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<b>As-Used on-pk determinants (Used to develop SC7 Phase-In Rates)</b>							
4 Sum of On-Pk Demands	172,580,233	161,026,429	68,591,125	27,921,474	33,970,144	56,152,358	209,885,056
5 Billed Demand ratio	14,186,976	6,975,932	3,938,317	1,859,202	1,947,261	3,290,152	12,628,676
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1 Sum of customer maximum demands \* 12

2 Ratio of maximum demand to peak demand weighted by sum of peak demands

3 Line 1 / Line 2

4 Sum of service class daily maximum on-peak demand, used to develop SC7 Phase-In Rate

5 Line 2

6 Line 4 / Line 5