NYSEG and RG&E
Capital Investment Plan
Quarterly Variance Report
Q2 2025

August 15, 2025

Submitted to:
New York State Public Service Commission
Cases 22-E-0317, 22-G-0318, 22-E-0319,
22-G-0320

Submitted by: NYSEG and RG&E

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Executive Summary

New York State Electric & Gas Corporation (NYSEG) and Rochester Gas and Electric Corporation (RG&E and, collectively, the Companies) submit this Capital Investment Plan Status Report (CIP Report) for the quarter ending June 30, 2025. Pursuant to Section XXVII(B) of the Companies' current Joint Proposal (JP or Joint Proposal)[1], the Companies are required to file[2] documentation providing the variance between the actual and forecasted capital expenditures, including capital project changes for each such project that experiences a plus or minus 10% cost variation. Quarterly Reporting is due 45 days following the calendar quarter (i.e., Quarter 1 due May 15, Quarter 2 due August 15, Quarter 3 due November 15, and Quarter 4 due February 15).

The Plan for 2025 at NYSEG and RG&E for electric investment is primarily in alignment with the Joint Proposal with common allocations included other than Make Ready which does reflect a significant uptick in the investment levels needed to support based on historical demand that was demonstrated in 2023.

The Plan for 2025 at NYSEG and RG&E for gas investment is primarily in alignment with the Joint Proposal with common allocations included other than estimated Prevailing Wage which does reflect an increased investment. The prevailing wage law was signed into law in August 2023 and made effective September 2023.

During April 1 to June 30, 2025 (Q2), NYSEG capital spending was $205.9 million with a July to December forecast of $623.4 million totaling $990.4 million for the calendar year when including Q1 investment. This is $34.5 million below the Plan amount of $1,024.9 million. RG&E capital spending during Q2 was $98.7 million with an July to December forecast of $266.7 million, totaling $432.0 million for calendar year 2025. This is $26.5

[1] Cases 22-E-0317 et al. - Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of New York State Electric & Gas Corporation for Electric Service, Order Approving Electric and Gas Rate Plans in Accord with Joint Proposal, (Oct. 12, 2023), Attachment 1, Joint Proposal, Section XXVII(B).

[2] A copy of the filing is also to be provided to the Department of Public Service Staff.

million below the Plan amount of $458.6 million. The investments by company and lines of business are summarized in Figure 1 below.

	A	B	C	D	E	F	G	H	I	J
	$ in thousands	JP Appendix R	5YR Plan	Actual	Actual	Forecast	Forecast	YTD	Forecast	Variance to 5YR
	Company/Line of Business	2025	2025	Q1 2025	Q2 2025	Q3 2025	Q4 2025	Total	YE	YE
1	NYSEG Electric	$ 855,228	$ 893,355	$ 149,882	$ 179,118	$ 255,353	$ 289,417	$ 329,000	$ 873,769	$ (19,586)
2	NYSEG Gas	98,673	131,552	11,193	26,831	39,523	39,105	38,023	116,652	(14,900)
3	Subtotal NYSEG	953,901	1,024,907	161,075	205,948	294,876	328,522	367,023	990,421	(34,487)
4										
5	RG&E Electric	330,631	355,308	52,771	73,466	102,022	98,288	126,238	326,547	(28,761)
6	RG&E Gas	77,252	103,257	13,867	25,198	33,377	33,026	39,065	105,468	2,211
7	Subtotal RG&E	407,884	458,565	66,638	98,664	135,399	131,314	165,302	432,015	(26,550)
8										
9	Total NY	$ 1,361,784	$ 1,483,472	$ 227,713	$ 304,613	$ 430,274	$ 459,836	$ 532,325	$ 1,422,435	$ (61,037)

Figure 1 - NYSEG and RG&E Capital Investment - 2025 Forecast
(Forecast as of June 30, 2025, includes allocation of Common costs)

I. Electric and Generation Capital Investment Plan Highlights

The NYSEG Electric and Generation Capital Investment, excluding the allocation of common costs, through Q2 was $164.2 million with a July to December forecast of $461.1 million totaling $769.6 million for the calendar year. This total is below the Plan amount of $780.0 million by $10.4 million. After the allocation of common investment, the NYSEG total electric investment forecasted for 2025 is $873.8 million versus a Plan of $893.4 million. This variance is primarily driven by PNY Phase 1 - Oakdale Westover Solution.

PNY Phase 1 - Oakdale Westover Solution is under due to the material procurement for subprojects being put on hold in 2024, resulting in a shift of procurement milestones beyond 2025, As a result, planned 2025 activities and payments for equipment and materials will not occur until future years. Commerce Substation progress was delayed due to a revised permitting strategy and extended time taken to incorporate design improvements, pushing planned 2025 work later in the schedule.

The NYSEG Electric and Generation 2025 Capital Investment by category, as outlined in the JP, Appendix R, is shown in Figure 2 below. More detailed information by project is included in **Appendix 1** - NYSEG Electric and Generation Budget Variance Detail.

	A	B	C	D	E	F	G	H	I	J
		JP Appendix R	5YR Plan	Actual	Actual	Forecast	Forecast	YTD Total	Forecast	Variance to 5YR
	$ in thousands	2025	2025	Q1 2025	Q2 2025	Q3 2025	Q4 2025		YE	YE
1	Asset Condition	$ 180,249	$ 148,534	$ 19,222	$ 29,344	$ 50,872	$ 70,682	$ 48,566	$ 170,120	$ 21,586
2	Customer Focus	125,794	162,923	61,746	39,006	37,776	24,200	100,752	162,728	(195)
3	Modernization	4,834	10,628	282	138	2,563	2,831	420	5,815	(4,813)
4	Innovation	12,457	10,902	1,773	5,701	3,974	6,082	7,474	17,531	6,629
5	Reliability	76,899	87,937	9,300	21,543	40,557	50,345	30,843	121,746	33,808
6	Resiliency	60,876	115,075	7,314	19,069	36,502	29,305	26,383	92,190	(22,886)
7	Compliance	51,381	60,828	10,400	16,716	15,365	25,726	27,116	68,207	7,379
8	Hydro-Generation	19,453	19,800	1,780	2,913	8,269	6,571	4,693	19,533	(267)
9	Clean Energy Transformation	212,628	119,276	7,963	8,933	14,380	21,363	16,897	52,639	(66,637)
10	AMI	36,043	44,079	24,576	20,794	12,747	994	45,370	59,111	15,032
11	Total	$ 780,613	$ 779,981	$ 144,356	$ 164,157	$ 223,006	$ 238,099	$ 308,514	$ 769,618	$ (10,363)

Figure 2 - NYSEG Electric and Generation Capital Investment - 2025 Forecast
(Forecast as of June 30, 2025, does not include allocation of common costs)

The RG&E Electric and Generation Capital Investment, excluding the allocation of common costs, through Q2 was $66.4 million with an July to December forecast of $171.8 million totaling $288.6 million for the calendar year. This total is below the Plan of $311.9 million by $23.3 million. After the allocation of common costs, the RG&E total electric investment is forecasted for 2025 is $326.5 million versus a Plan planned spend of $355.3 million. This variance is primarily driven by BES - Line 949 115 kV Line Addition and Make Ready.

The BES – Line 949 115 kV Line Addition project spend has been reallocated to future years due to aligned coordination with railroad permits and state approval of the Article VII Construction Plan.

The Make Ready project variance is due to the actual volume of RG&E Pole attachments being lower than originally anticipated, based on the third-party attachers not completing work.

The RG&E Electric and Generation 2025 Capital Investment by category, as outlined in the JP Appendix R, is provided in Figure 3 below. More detailed information by project is included in **Appendix 2** - RG&E Electric and Generation Budget Variance Detail.

	A	B	B1	C	D	E	F	G	I	J
		JP Appendix R	5YR Plan	Actual	Actual	Forecast	Forecast	YTD Total	Forecast	Variance to 5YR
	$ in thousands	2025	2025	Q1 2025	Q2 2025	Q3 2025	Q4 2025		YE	YE
1	Asset Condition	$ 60,533	$ 66,211	$ 9,417	$ 12,410	$ 17,300	$ 21,470	$ 21,826	$ 60,597	$ (5,615)
2	Customer Focus	62,246	70,267	17,449	26,328	22,641	5,736	43,777	72,153	1,886
3	Modernization	1,781	4,427	8	108	1,806	1,777	115	3,698	(729)
4	Reliability	72,416	62,070	8,326	11,973	19,550	27,445	20,299	67,294	5,224
5	Resiliency	14,621	20,080	3,758	3,719	7,739	5,183	7,477	20,399	319
6	Compliance	46,186	46,525	4,551	3,803	10,715	7,789	8,354	26,858	(19,668)
7	Hydro-Generation	21,618	14,440	1,404	3,480	4,533	5,596	4,885	15,015	575
9	Innovation	4,779	5,182	895	2,139	1,944	1,715	3,034	6,693	1,511
10	AMI	12,958	22,704	4,605	2,443	5,980	2,883	7,049	15,912	(6,792)
11	Total	$ 297,138	$ 311,907	$ 50,413	$ 66,404	$ 92,208	$ 79,594	$ 116,816	$ 288,618	$ (23,288)

Figure 3 - RG&E Electric and Generation Capital Investment 2025 Forecast
(Forecast as of June 30, 2025, does not include allocation of common costs)

II. Gas Capital Investment Plan Highlights

The NYSEG Gas Capital Investment, excluding the allocation of common costs, through Q2 was $23.2 million with a July to December forecast of $58.1 million totalling $91.0 million for the calendar year. This total is below the Plan of $105.9 million by $14.8 million. After the allocation of common investment costs, the NYSEG total gas investment is forecasted for 2025 to be $116.7 million versus a Plan of $131.6 million. This variance is due to reduced estimates of Prevailing wage across multiple Gas projects such as the Leak Prone Pipe Projects.

The NYSEG Gas Capital 2025 Investment by category, as outlined in the JP Appendix R, is outlined in Figure 4 below. More detailed information by project is included in **Appendix 3** - NYSEG Gas Budget Variance Detail.

		JP Appendix R	5YR Plan	Actual	Actual	Forecast	Forecast	YTD Total	Forecast	Variance to 5YR
	$ in thousands	2025	2025	Q1 2025	Q2 2025	Q3 2025	Q4 2025		YE	YE
1	Asset Condition	$ 8,334	$ 12,169	$ 1,233	$ 2,314	$ 3,402	$ 4,947	$ 3,547	$ 11,897	$ (272)
2	Mandatory	16,413	21,463	1,479	2,987	4,270	5,018	4,466	13,754	(7,709)
3	Modernization	-	239	2	2	114	114	3	232	(7)
5	Reliability	46,346	64,277	2,938	12,307	20,464	15,102	15,245	50,811	(13,467)
6	AMI	9,229	7,720	4,182	5,542	3,316	1,302	9,724	14,342	6,622
7	Total	$ 80,322	$ 105,868	$ 9,833	$ 23,151	$ 31,567	$ 26,484	$ 32,985	$ 91,036	$ (14,832)

Figure 4 - NYSEG Gas Capital Investment 2025 Forecast
(Forecast as of June 30, 2025, does not include allocation of common costs)

The largest NYSEG gas program is the Leak Prone Main program that will replace 24 miles of main that meets the definition of leak prone in the Distribution Integrity Management Program (DIMP). As of June 30, 2025, NYSEG has replaced 5.18 miles. The projects with more than 0.20 miles cut dead in this mileage include:

Project Name	Mileage	Division	Abandonment Date
Chapman Ave	0.34	Auburn	5/29/2025
Lorne, Leonard, Verna	0.57	Binghamton	5/28/2025
N Paige Ave	0.2	Binghamton	6/12/2025
Jenkins & Hayes	0.21	Binghamton	6/16/2025
W 8TH & 9TH St	0.48	Elmira	4/23/2025
E 9th St and Prescott Ave	0.29	Elmira	4/2/2025
W 9th & Marian Ave	0.38	Elmira	4/23/2025
Erie St	0.35	Elmira	3/18/2025
West Thurston St	0.35	Elmira	6/12/2025
Pleasant St	0.26	Geneva	6/4/2025
Seneca St	0.22	Geneva	6/25/2025
Shamrock Ave	0.21	Geneva	2/7/2025
Spring St	0.20	Goshen	6/17/2025
Oakwood Ln	0.42	Ithaca	5/28/2025
South Hill Recreation	0.28	Ithaca	3/7/2025
Pendleton	0.21	Ithaca	6/5/2025
Cleveland Ave	0.21	Ithaca	6/13/2025

The RG&E Gas Capital Investment, excluding the allocation of common costs, through Q2 was $22.4 million with an July to December forecast of $55.0 million totaling $90.3 million for the calendar year. This total is above the Plan of $88.5 million by $1.8 million. After the allocation of common investment costs, the RG&E total gas investment for 2025 is forecasted to be $105.5 million versus a Plan planned spend of $103.3 million. This variance is due to AMI and reduced estimates of Prevailing wage across multiple Gas projects such as the Leak Prone Pipe Projects.

The RG&E Gas Capital 2025 Investment by category, as outlined in the JP Appendix R, is outlined in Figure 5 below. More detailed information by project is included in **Appendix 4** - RG&E Gas Budget Variance Detail.

	$ in thousands	2025	2025	Q1 2025	Q2 2025	Q3 2025	Q4 2025		YE	YE
1	Asset Condition	$ 19,324	$ 21,962	$ 998	$ 3,603	$ 11,265	$ 6,001	$ 4,601	$ 21,866	$ (95)
2	Mandatory	12,992	18,158	2,514	3,612	3,167	4,922	6,126	14,215	(3,943)
3	Modernization	-	118	-	-	54	54	-	108	(10)
4	Reliability	24,069	40,554	3,877	8,943	9,604	11,260	12,820	33,683	(6,870)
5	AMI	7,445	7,719	5,532	6,210	5,354	3,298	11,742	20,395	12,675
6	Total	$ 63,830	$ 88,511	$ 12,922	$ 22,367	$ 29,444	$ 25,535	$ 35,289	$ 90,268	$ 1,757

Figure 5 - RG&E Gas Capital Investment 2025 Forecast
(Forecast as of June 30, 2025, does not include allocation of common costs)

The largest RG&E gas program is the Leak Prone Main program that will replace 24 miles of main that meets the definition of leak prone in the Distribution Integrity Management Program (DIMP). As of June 30, 2025, RG&E has replaced 7.58 miles. The projects with more than 0.20 miles cut dead in this mileage include:

Project Name	Mileage	Abandonment Date
Reed Rd	0.63	3/24/2025
Brooks Ave LPM Ph1	0.42	5/2/2025
Lehigh Station Rd l	0.52	5/9/2025
Farnsworth Rd Group	0.77	4/1/2025
Lake Rd Section 2	0.40	6/24/2025
Ridge Rd Group Section 2	0.78	2/27/2025
Austin Dr LPM	0.51	6/11/2025
Van Cortland Dr	0.70	6/13/2025
Van Cortland Dr Ph 2	0.51	6/13/2025
South Main Street	0.66	1/16/2025
Ackerman Street	0.32	4/4/2025
Tenth St	0.44	5/23/2025
Retsof Ave	0.92	5/23/2025

III. Common Capital Investment Plan

The costs included as Common classification for projects and programs are applicable to both the electric and gas businesses. Examples of the type of projects included within this classification are Facilities, Fleet, Information Technology and Security. These costs are allocated based on company and line of business as outlined in the JP. The agreed upon allocation factors established for each company and associated line of business are:

	Current JP	5YR Plan Only
NYSEG Electric	80.26%	81.53%
NYSEG Gas	19.74%	18.47%
Total	100.00%	100.00%
RGE Electric	71.39%	74.64%
RG&E Gas	28.61%	25.36%
Total	100.00%	100.00%

The Companies have provided capital spending categories to match those included for the electric and gas lines of business.

The NYSEG Common Capital 2025 Investment by category, as outlined in the JP Appendix R, is outlined in Figure 6 below. NYSEG Common capital investment through Q2 was $18.6 million with an July to December forecast of $104.2 million totaling $129.8 million versus the Plan of $139.1 million. This total is below the Plan by $9.3 million. This decrease is primarily driven by Customer Service Regulatory efforts and S/4 HANA implementation.

	$ in thousands	2025	2025	Q1 2025	Q2 2025	Q3 2025	Q4 2025		YE	YE
	NYSEG									
1	Buildings and Facilities	$ 19,253	$ 19,488	$ 524	$ 2,724	$ 5,982	$ 10,695	$ 3,249	$ 19,926	$ 438
2	Customer Service	1,262	28,525	2,357	4,798	8,056	7,570	7,156	22,781	(5,744)
3	Fleet	18,875	18,875	(248)	4,091	8,593	6,441	3,843	18,878	3
4	Information Technology	15,258	13,490	742	1,380	2,692	4,916	2,122	9,730	(3,759)
5	Operational Smart Grids	27,401	44,287	3,074	3,134	10,646	27,532	6,208	44,386	99
6	Security	10,381	6,798	362	2,509	2,570	1,629	2,871	7,070	272
7	Training	536	7,595	72	2	1,763	5,157	75	6,995	(600)
8	NYSEG Total	$ 92,966	$ 139,058	$ 6,885	$ 18,640	$ 40,302	$ 63,940	$ 25,524	$ 129,766	$ (9,291)

Figure 6 - NYSEG Common Capital Investment 2025 Forecast
(Forecast as of June 30, 2025)

The Customer Service Regulatory major projects have been broken out to individual projects from this annual program. This includes the Electric Vehicle Phase In Rates, which has been included in the Electric Modernization category. There are additional efforts originally in the 2025 scope that are likely deferred to 2026 based on the latest regulatory priorities.

The S/4 HANA project has experienced a delay in onboarding the system integrator.

More detailed information by project is included in **Appendix 5** - NYSEG Common Budget Variance Detail.

The RG&E Common Capital 2025 Investment by category, as outlined in the JP Appendix R, is outlined in Figure 7 below. RG&E Common capital investment through Q2 was $9.9 million with an July to December forecast of $39.9 million totaling $53.1 million versus the Plan amount of $58.1 million. This total is below the Plan amount by $5.0 million. This decrease is primarily driven by Customer Service Regulatory efforts and S/4 HANA implementation.

	$ in thousands	2025	2025	Q1 2025	Q2 2025	Q3 2025	Q4 2025		YE	YE
	RG&E									
1	Buildings and Facilities	$ 4,642	$ 4,390	$ 242	$ 466	$ 1,084	$ 2,573	$ 709	$ 4,365	$ (25)
2	Customer Service	1,662	15,508	1,312	1,995	4,246	3,867	3,307	11,420	(4,087)
3	Fleet	5,500	5,500	(1,243)	3,486	697	2,560	2,243	5,500	0
4	Information Technology	9,547	7,222	983	1,198	1,446	2,738	2,181	6,365	(857)
5	Operational Smart Grids	20,260	23,036	1,713	2,571	5,238	13,447	4,283	22,969	(67)
6	Security	5,202	2,390	297	177	974	960	474	2,408	18
7	Training	101	101	-	-	61	40	-	101	-
8	RG&E Total	$ 46,915	$ 58,147	$ 3,304	$ 9,893	$ 13,747	$ 26,185	$ 13,197	$ 53,129	$ (5,018)

Figure 7 – RG&E Common Capital Investment 2025 Forecast
(Forecast as of June 30, 2025)

The Customer Service Regulatory major projects have been broken out to individual projects from this annual program. This includes the Electric Vehicle Phase In Rates, which has been included in the Electric Modernization category. There are additional efforts originally in the 2025 scope that are likely deferred to 2026 based on the latest regulatory priorities.

The S/4 HANA project has experienced a delay in onboarding the system integrator.

More detailed information by project is included in **Appendix 6** – RG&E Common Budget Variance Detail.

IV. Appendices

Appendix 1 - NYSEG Electric and Generation Budget Variance Detail

Appendix 2 - RG&E Electric and Generation Budget Variance Detail

Appendix 3 - NYSEG Gas Budget Variance Detail

Appendix 4 - RG&E Gas Budget Variance Detail

Appendix 5 - NYSEG Common Budget Variance Detail

Appendix 6 – RG&E Common Budget Variance Detail

Appendix 7 – Emergent Project Whitepaper

Appendix 1 - NYSEG Electric and Generation Budget Variance Detail

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
1	**ELECTRIC: Asset Condition**											
2	TLD Replacements Program and Projects	53,656	54,067	5,792	6,917	12,709	54,255	66,964	13,308	12,897	24%	Work planned under the Transmission Line category identified to address and correct Asset Condition issues within the TLD group.
	TLD Replacements NYSEG	*53,656*	*28,273*	*3,289*	*3,828*	*7,118*	*10,617*	*17,735*	*(35,921)*	*(10,538)*	*-37%*	The Transmission Line Deficiency program, has been re-prioritized to align the execution of 2025 with the highest ranking segments with the aims of having a positive impact to SAIFI. This re-prioritization led to a slower execution in the first quarter and getting back on track during the second quarter. Additionally, Line 880, which was originally part of this Program, has been separated into an individual project. The associated CAPEX has been reallocated accordingly.
	TLD Replacements-NYSEG-L47	*-*	*2,000*	*255*	*80*	*335*	*-*	*335*	*335*	*(1,665)*	*-83%*	This transmission line was assessed to have minimal impact on SAIFI performance. Consequently, it has been excluded from the 2025 Transmission Line Deficiency Program scope to prioritize resources on higher-impact assets.
	TLD Replacements-NYSEG-L48	*-*	*2,000*	*1*	*1*	*3*	*-*	*3*	*3*	*(1,997)*	*-100%*	This transmission line was assessed to have minimal impact on SAIFI performance. Consequently, it has been excluded from the 2025 Transmission Line Deficiency Program scope to prioritize resources on higher-impact assets.
	TLD Replacements-NYSEG-L994	*-*	*1,600*	*(40)*	65	*25*	*1,612*	*1,638*	*1,638*	*38*	*2%*	
	TLD Replacements-NYSEG-L805	*-*	*300*	*32*	*8*	*40*	*1,208*	*1,249*	*1,249*	*949*	*316%*	This transmission line was identified as having a high impact on SAIFI performance. As a result, the project scope was updated accordingly, with implementation in Q2 2025.
	TLD Replacements-NYSEG-L950	*-*	*2,500*	*2*	*2*	*4*	*-*	*4*	*4*	*(2,496)*	*-100%*	This Transmission line was assessed to have minimal impact on SAIFI performance. Consequently, it has been excluded from the 2025 Transmission Line Deficiency Program scope to prioritize resources on higher-impact assets.
	TLD Replacements-NYSEG-L957	*-*	*4,800*	*4*	*5*	*9*	*7,035*	*7,044*	*7,044*	*2,244*	*47%*	This transmission line was identified as having a high impact on SAIFI performance. As a result, the project scope was updated accordingly, with implementation in Q2 2025.
	TLD Replacements-NYSEG-L349	*-*	*1,000*	*11*	*17*	*28*	*2,784*	*2,811*	*2,811*	*1,811*	*181%*	This transmission line was identified as having a high impact on SAIFI performance. As a result, the project scope was updated accordingly, with implementation in Q2 2025.
	TLD Replacements-NYSEG-L355	*-*	*900*	*30*	3	*33*	*2,060*	*2,093*	*2,093*	*1,193*	*133%*	This transmission line was identified as having a high impact on SAIFI performance. As a result, the project scope was updated accordingly, with implementation in Q2 2025.
	TLD Replacements-NYSEG-L938	*-*	*1,700*	*59*	*6*	*65*	*-*	*65*	*65*	*(1,635)*	*-96%*	This Transmission line was assessed to have minimal impact on SAIFI performance. Consequently, it has been excluded from the 2025 Transmission Line Deficiency Program scope to prioritize resources on higher-impact assets
	TLD Replacements-NYSEG-L810	*-*	*400*	*6*	46	*52*	*260*	*312*	*312*	*(88)*	*-22%*	
	TLD Replacements-NYSEG-L813	*-*	*300*	*48*	*7*	*55*	*219*	*274*	*274*	*(26)*	*-9%*	
	TLD Replacements-NYSEG-L991	*-*	*700*	*(4)*	*6*	*2*	*-*	*2*	*2*	*(698)*	*-100%*	
	TLD Replacements-NYSEG-L350	*-*	*3,500*	*19*	*45*	*64*	*1,928*	*1,992*	*1,992*	*(1,508)*	*-43%*	This transmission line was found to have a lower-than-anticipated impact on SAIFI performance. Accordingly, the project scope was revised, with implementation scheduled for Q3 2025.
	TLD Replacements-NYSEG-L997	*-*	*500*	*11*	*10*	*20*	*-*	*20*	*20*	*(480)*	*-96%*	
	TLD Replacements-NYSEG-L517	*-*	*200*	*0*	*0*	*0*	*-*	*0*	*0*	*(200)*	*-100%*	
	TLD Replacements-NYSEG-L819	*-*	*200*	*0*	3	*3*	*401*	*404*	*404*	*204*	*102%*	
	TLD Replacements-NYSEG-L916	*-*	*300*	*1*	*1*	*1*	*-*	*1*	*1*	*(299)*	*-100%*	
	TLD Replacements-NYSEG-L954	*-*	*300*	*0*	*0*	*1*	*-*	*1*	*1*	*(299)*	*-100%*	
	TLD Replacements-NYSEG-L911	*-*	*200*	*2*	*5*	*7*	*-*	*7*	*7*	*(193)*	*-96%*	
	TLD Replacements-NYSEG-L914	*-*	*300*	*10*	*49*	*59*	*-*	*59*	*59*	*(241)*	*-80%*	
	TLD Replacements-NYSEG-L31	*-*	*300*	*37*	*4*	*41*	*-*	*41*	*41*	*(259)*	*-86%*	
	TLD Replacements-NYSEG-L417	*-*	*300*	*96*	*7*	*103*	*393*	*496*	*496*	*196*	*65%*	
	TLD Replacements-NYSEG-L531	*-*	*200*	*1*	*1*	*1*	*-*	*1*	*1*	*(199)*	*-99%*	
	TLD Replacements-NYSEG-L555	*-*	*200*	*11*	*13*	*24*	*289*	*313*	*313*	*113*	*56%*	
	TLD Replacements-NYSEG-L912	*-*	*-*	*6*	*4*	*10*	*-*	*10*	*10*	*10*	*N/A*	
	TLD Replacements-NYSEG-L977	*-*	*200*	*45*	*5*	*49*	*-*	*49*	*49*	*(151)*	*-75%*	
	TLD Replacements-NYSEG-L998	*-*	*200*	*78*	3	*80*	*102*	*182*	*182*	*(18)*	*-9%*	
	TLD Replacements-NYSEG-L522 (Ithaca)	*-*	*-*	*2*	*0*	*2*	*-*	*2*	*2*	*2*	*N/A*	

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

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	TLD Replacements-NYSEG-L520	-	-	*0*	*0*	*1*	-	*1*	*1*	*1*	*N/A*	
	TLD Replacements-NYSEG-L814	-	-	*0*	*0*	*0*	-	*0*	*0*	*0*	*N/A*	
	TLD Replacements-NYSEG-L422	-	-	*63*	*4*	*67*	-	*67*	*67*	*67*	*N/A*	
	TLD Replacements-NYSEG-L455	-	-	*1*	*1*	*2*	-	*2*	*2*	*2*	*N/A*	
	TLD Replacements-NYSEG-L535	-	-	*1*	*1*	*2*	-	*2*	*2*	*2*	*N/A*	
	TLD Replacements-NYSEG-L508	-	-	*0*	*0*	*1*	-	*1*	*1*	*1*	*N/A*	
	TLD Replacements-NYSEG-L552	-	-	*1*	*1*	*2*	-	*2*	*2*	*2*	*N/A*	
	TLD Replacements-NYSEG-L884	-	-	*1*	*1*	*2*	-	*2*	*2*	*2*	*N/A*	
	TLD Replacements-NYSEG-L806	-	-	*0*	*0*	*1*	-	*1*	*1*	*1*	*N/A*	
	TLD Replacements-NYSEG-L955	-	-	*8*	*7*	*14*	-	*14*	*14*	*14*	*N/A*	
	TLD Replacements-NYSEG-L879	-	-	*0*	*0*	*1*	-	*1*	*1*	*1*	*N/A*	
	TLD Replacements-NYSEG-L917	-	-	*1*	*1*	*2*	-	*2*	*2*	*2*	*N/A*	
	TLD Replacements-NYSEG-L802	-	-	*0*	*0*	*0*	-	*0*	*0*	*0*	*N/A*	
	TLD Replacements-NYSEG-L589	-	-	*1*	*1*	*2*	-	*2*	*2*	*2*	*N/A*	
	TLD Replacements-NYSEG-L65	-	-	*0*	*0*	*1*	-	*1*	*1*	*1*	*N/A*	
	TLD Replacements-NYSEG-L549	-	-	*0*	*0*	*0*	-	*0*	*0*	*0*	*N/A*	
	NYSEG Line 38/39 345 kV Structure Upgrades	-	-	*0*	*0*	*0*	-	*0*	*0*	*0*	*N/A*	
	TLD Replacements-NYSEG-L943	-	*300*	*67*	*6*	*72*	-	*72*	*72*	*(228)*	*-76%*	
	Line 880 Rebuild	-	*394*	*128*	*165*	*293*	*16,558*	*16,850*	*16,850*	*16,456*	*4178%*	Line 880 Phase 2 North was on hold for 2 years, pending the reevaluation of the scope. In April 2025 System Planning completed the analysis and restarted the last phase of this Project. The Project is expected to be complete by the end of 2025.
	TLD Ops (Trans line)	-	-	*1,507*	*2,504*	*4,011*	*8,789*	*12,800*	*12,800*	*12,800*	*N/A*	Work planned under the Transmission Line category identified to address and correct Asset Condition issues within the TLD group.
	All Other-TLD	-	-	-	-	-	-	-	-	-	*N/A*	
3	NYSEG - Electric Ops (Line Insp CAP)	18,000	17,959	4,631	5,378	10,010	8,391	18,401	401	442	2%	
4	NYSEG - Pole Replace (WPIT) Program CAP	24,400	24,476	7,379	7,854	15,233	13,831	29,065	4,665	4,588	19%	NYSEG WPIT is driven by an expanded work scope for an additional 468 poles across NYSEG divisions (Brewster, Ithaca and Plattsburgh). This initiative aims to reduce service interruptions and improve system reliability metrics, specifically to improve SAIFI.
5	New Gardenville Substation Rebuild	0	710	157	174	332	352	684	684	(26)	-4%	
6	NYSEG T&S Asset Condition Replacement Program	1,000	-	-	-	-	-	-	(1,000)	-	N/A	
7	NYSEG PCB Transformer Replacements	3,200	3,844	-	105	105	3,752	3,857	657	13	0%	
8	South Perry New Sub & Trans Line Upgrade	29,158	4,641	549	694	1,243	7,484	8,727	(20,431)	4,086	88%	The increase in the forecast is due to an acceleration of the site work (in-ground contractor to remove topsoil, cut the site to rough grade and pour one transformer foundation) and down payment for the 115 kV Gas Insulated Switchgear.
9	Meyer Substation Rebuild	39,892	12,775	(3,740)	1,628	(2,112)	14,841	12,729	(27,164)	(46)	0%	
10	Line 890 Rebuild	-	192	-	-	-	-	-	-	(192)	-100%	
11	NYSEG - Subst Minor Capital	2,077	5,501	930	2,673	3,603	5,226	8,829	6,752	3,328	61%	The variance is due to additional substation perimeter fencing.
12	General Equipment - OPS-T&D	472	4,240	1,129	781	1,910	2,330	4,240	3,768	0	0%	
13	NYSEG - Subst Major Capital	756	2,097	97	1,041	1,138	1,149	2,286	1,531	189	9.0%	
14	NYSEG Substation Modernization - Noyes Island D	-	-	14	16	30	-	30	30	30	N/A	
15	NYSEG URD Replacement Program	1,125	958	-	-	-	997	997	(128)	39	4%	
16	NYSEG - Battery Program	459	668	109	578	687	980	1,668	1,209	1,000	150%	The scope of the NYSEG Battery program has been increased based on the quantity of batteries in poor health condition.
17	General Equipment - OPS-SO	214	970	96	236	332	638	970	756	0	0%	
18	NYPA Fiber 4 SS Project	-	-	242	(129)	113	-	113	113	113	N/A	
19	NYSEG - Transformer Harvesting	-	-	-	-	-	0	0	0	0	N/A	
20	Cobble Hill Transformer Replacement	-	5,723	1,498	(134)	1,364	4,354	5,718	5,718	(5)	0%	
21	Homer City 345kV Transmission Line Upgrade	-	-	0	0	0	-	0	0	0	N/A	
22	NYSEG Mobile #4 Replacement	-	810	172	147	318	677	996	996	186	23%	
23	NYSEG Mobile #2 Replacement	-	696	147	131	278	630	908	908	212	31%	
24	NYSEG Substation Modernization - South Owego	5,838	-	0	0	0	-	0	(5,838)	0	N/A	

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

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25	Spare Tx Program and Projects	-	8,208	17	1,255	1,272	1,665	2,937	2,937	(5,271)	-64%	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.
	NYSEG 001 Spare Tx Pgm 120-36.2kV 50MVA	*-*	*2,057*	*5*	*518*	*523*	*351*	*874*	*874*	*(1,183)*	*-58%*	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.
	NYSEG 002 Spare Tx Pgm 120-36.2kV 50MVA	*-*	*2,057*	*5*	*518*	*523*	*351*	*874*	*874*	*(1,183)*	*-58%*	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.
	NYSEG 003 Spare Tx Pgm 36-13.2kV 37.3MVA	*-*	*1,550*	*5*	*215*	*219*	*515*	*734*	*734*	*(816)*	*-53%*	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.
	NYSEG 004 Spare Tx Pgm 46-13.2kV 14MV	*-*	*1,550*	*3*	*4*	*7*	*448*	*455*	*455*	*(1,095)*	*-71%*	Contract negotiations with the transformer vendor concluded in June 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.
	NYSEG 005 SprTxPgm 34.5-12.5/4.8kV 20MVA	*-*	*496*	*-*	*-*	*-*	*-*	*-*	*-*	*(496)*	*-100%*	
	NYSEG 006 SprTxPgm 34.5-12.5/4.8kV 12MVA	*-*	*496*	*-*	*-*	*-*	*-*	*-*	*-*	*(496)*	*-100%*	
	All Other-SPTX	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
26	All Other Asset Condition Replacement	-	-	3	(3)	(0)	-	(0)	(0)	(0)	N/A	
27	**Total Asset Condition**	180,249	148,534	19,222	29,344	48,567	121,554	170,120	(10,128)	21,587	15%	
28	**ELECTRIC: Customer Focus**											
29	NYSEG - Dist Line	38,014	32,061	12,105	16,078	28,183	14,304	42,487	4,474	10,426	33%	The program is forecasted to exceed the plan based on YTD spend and 3 - year historical trend due to unplanned emergency repairs, motor vehicle accidents, customer restoration due to equipment failures and reactive work.
30	Make Ready	30,000	51,552	13,277	15,201	28,478	21,700	50,178	20,178	(1,374)	-3%	
31	NYSEG - Trans line	15,236	16,680	457	759	1,216	2,665	3,881	(11,355)	(12,799)	-77%	Work planned under the Transmission Line category identified to address and correct Asset Condition issues within the TLD group.
32	NYSEG - Res Line	13,552	13,614	6,249	4,037	10,286	5,327	15,613	2,062	1,999	15%	This program is used to primarily fund new URD installation projects. Program is forecasted to exceed the plan based on YTD spend and 3-year historical trend.
33	NYSEG - Serv Conn	11,973	10,936	4,756	3,696	8,453	5,932	14,384	2,412	3,448	32%	This program is primarily used for simple service connections. Program is forecasted to exceed the plan based on YTD spend and 3 - year historical trend higher customer connection demand. This program is reactive to customer requests made during the year.
34	NYSEG - Ind/Comm	7,783	7,689	2,588	3,510	6,098	4,763	10,861	3,078	3,172	41%	This program is primarily used for industrial commercial customer connections. Program is forecasted to exceed the plan based on YTD spend and 3 - year historical trend higher customer connection demand. This program is reactive to customer requests made during the year.
35	NYSEG - Street Light	2,500	2,550	369	190	559	3,243	3,802	1,302	1,252	49%	This program is forecasted to exceed the plan due to additional street light activity.
36	NYSEG LED Streetlighting	-	1	9	6	15	3	18	18	17	1933%	
37	NYSEG - Gov't Highway	4,902	3,359	194	816	1,010	2,535	3,545	(1,358)	186	6%	
38	NYSEG CAPEX EL Meters	1,098	2,812	683	805	1,488	1,486	2,974	1,876	162	6%	
39	Community Distributed Generaton Billing Program	-	-	-	-	-	0	0	0	0	N/A	
40	Community Distributed Generation Billing Phase II	-	2,856	169	950	1,119	1,905	3,024	3,024	168	6%	
41	NYSEG - Brewster Gateway Summit & The Fairways URD	-	1,161	224	100	323	2,299	2,622	2,622	1,461	126%	Project delayed from 2024 due to property ownership transfer. Project actuals/forecast spend and completion planned for 2025.
42	Statewide Solar for All - NY	-	1,315	5	10	15	254	268	268	(1,047)	-80%	Estimates from the most recent technical reassessment of the project, performed after the initial project estimate, are significantly less in cost. Deliverables are milestone based, so external expenses are charged to project upon milestone completion.
43	NYSEG - Storms Electric	292	16,330	4,729	1,595	6,324	6,284	12,608	12,316	(3,722)	-23%	NYSEG has experienced 7 major storms July YTD which is 23% lower than the 5-year historical average.
44	F101368 LINE TRANSFORMERS ELECTRIC DISTRIBUTIC	-	-	6,382	913	7,295	(7,208)	87	87	87	N/A	
45	All Other Customer Focus	445	6	9,543	(9,662)	(119)	(3,472)	(3,592)	(4,037)	(3,598)	-58396%	
46	**Total Customer Focus**	125,794	162,923	61,746	39,006	100,752	61,976	162,728	36,934	(195)	0%	

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	A	B	C	D	E	H	I	J	K	L	M	N
47	**ELECTRIC: Modernization**											
48	SMSI Field Deployment - NYSEG	414	414	-	-	-	414	414	(0)	-	0%	
49	NYSEG Transmission GIS and GIS Interface optimization	-	80	-	-	-	80	80	80	0	0%	
50	REV - Electric Vehicles	1,991	4,119	230	133	363	2,945	3,308	1,317	(811)	-20%	Timing: large influx of Direct Current Fast Charging (DCFC) projects awaiting engineering review prior to installation.
51	EMS/ADMS Deployment	1,000	315	-	-	-	118	118	(882)	(197)	-62%	
52	Application Interface Upgrades NYSEG	47	47	4	5	9	39	47	(0)	(0)	0%	
53	MV90/IEE Service Mode	570	2,118	-	-	-	353	353	(217)	(1,765)	-83%	The project's timeline has been revised to Q4 2025 - Q4 2027 due to resource constraints and further review of the project scope.
54	NYSEG DSIP - Advanced Planning Tools	-	88	1	1	2	44	46	46	(43)	-48%	
55	Networks ECTRM	-	10	-	-	-	-	-	-	(10)	-100%	
56	Java SS Microgrid BESS	-	74	18	20	38	-	38	38	(36)	-49%	
57	PCMS Renewal Project	-	3,362	-	-	-	-	-	-	(3,362)	-100%	This was originally budgeted in the 5 year plan under this Electric project, but as a software scope that serves both electric and gas projects it is now being executed under common project PCMS Renewal Project NYSEG
58	Electric Vehicle Phase In Rate - NY	-	-	0	3	3	811	814	814	814	N/A	
59	All Other Modernization	811	-	29	(23)	7	590	597	(214)	597	N/A	
60	**Total Modernization**	4,834	10,628	282	138	420	5,395	5,815	981	(4,813)	-45%	
61	**ELECTRIC: Innovation**											
62	NYSEG IEDR Phase II	-	3,071	924	999	1,923	1,900	3,823	3,823	752	24%	Original 5yr plan did not incorporate overhead charges. The revised budget includes overhead charges for internal labor and external services which is driving the variance. The variance over plan is a result of overhead charges that were not originally included in the P25 plan.
63	Stephentown BESS NYSEG	1,553	470	20	95	115	2,290	2,405	852	1,935	412%	Project is over plan due to the engineering, procurement, and construction (EPC) Request for Proposal (RFP) results higher than estimated.
64	Wales Center Energy Storage	1,553	524	16	84	100	2,263	2,363	810	1,839	351%	Project is over plan due to the engineering, procurement, and construction (EPC) Request for Proposal (RFP) results higher than estimated.
65	NYSEG DSIP - GIS Enhancements GMEP	6,813	6,794	575	4,251	4,827	2,025	6,852	39	58	1%	
66	Distributed Energy Resource Management System (DERMS)	2,538	-	-	-	-	-	-	(2,538)	-	N/A	
67	CYME Server - Hardware & Software NYSEG	-	43	70	28	98	31	129	129	86	201%	
68	NY Spectrum HW Refresh CapEx	-	-	168	243	411	1,547	1,959	1,959	1,959	N/A	This project does not have a 5 year plan but was approved and funded in prior years. The objective is to complete it in 2025 using previously allocated funds. The project is being executed to replace obsolete hardware and improve system reliability. In 2024, technical delays from the primary vendor impacted their ability to meet key milestones tied to payment schedules, resulting in a shift of expenditures into 2025. Additionally, the vendor experienced invoicing issues that further delayed payment processing. These issues have since been resolved, and the project team is actively working with the vendor to complete outstanding milestones.
69	All Other Innovation	-	-	-	-	-	-	-	-	-	N/A	
70	**Total Innovation**	12,457	10,902	1,773	5,701	7,474	10,057	17,531	5,074	6,629	61%	
71	**ELECTRIC: Reliability**											
72	Breaker Replacement Program and Projects	12,000	25,691	2,209	6,636	8,845	16,527	25,372	13,372	(319)	-1%	
	NYSEG - Breaker Replacement Program	*12,000*	*16,373*	*2,209*	*6,629*	*8,838*	*6,247*	*15,085*	*3,085*	*(1,288)*	*-8%*	
	Circuit Breaker Replacement - Caton Avenue	*-*	*1,055*	*-*	*1*	*1*	*675*	*677*	*677*	*(378)*	*-36%*	This project was delineated from the NYSEG-Breaker Replacement Program. This project involves the replacement of circuit breakers on the 115 kV network. Delays due to extended lead times for certain materials including circuit breakers, voltage transformers, and HV connectors.
	Circuit Breaker Replacement - Ferndale	*-*	*76*	*-*	*-*	*-*	*59*	*59*	*59*	*(17)*	*-23%*	
	Circuit Breaker Replacement - Hancock	*-*	*495*	*-*	*1*	*1*	*324*	*326*	*326*	*(169)*	*-34%*	
	Circuit Breaker Replacement - Lake Ave	*-*	*456*	*-*	*-*	*-*	*334*	*334*	*334*	*(122)*	*-27%*	
	Circuit Breaker Replacement - West Elmira	*-*	*32*	*-*	*-*	*-*	*37*	*37*	*37*	*5*	*17%*	
	Circuit Breaker Replacement - Transit	*-*	*798*	*-*	*-*	*-*	*447*	*447*	*447*	*(351)*	*-44%*	
	Circuit Breaker Replacement - Stilesville	*-*	*731*	*-*	*1*	*1*	*540*	*542*	*542*	*(189)*	*-26%*	

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	Circuit Breaker Replacement - Sleight Road	*-*	*1,824*	*-*	*1*	*1*	*1,097*	*1,098*	*1,098*	*(726)*	*-40%*	This project was delineated from the NYSEG-Breaker Replacement Program. This project involves the replacement of circuit breakers on the 115 kV network. Delays due to extended lead times for certain materials including circuit breakers, voltage transformers, and HV connectors.
	Circuit Breaker Replacement - Sand Street	*-*	*399*	*-*	*-*	*-*	*243*	*243*	*243*	*(156)*	*-39%*	
	Circuit Breaker Replacement - River Road	*-*	*32*	*-*	*-*	*-*	*-*	*-*	*-*	*(32)*	*-100%*	
	Circuit Breaker Replacement - Park Ave	*-*	*266*	*-*	*-*	*-*	*-*	*-*	*-*	*(266)*	*-100%*	
	Circuit Breaker Replacement - Orchard Park	*-*	*456*	*-*	*-*	*-*	*188*	*188*	*188*	*(268)*	*-59%*	
	Circuit Breaker Replacement - North Endicott 115 kV	*-*	*91*	*-*	*-*	*-*	*67*	*67*	*67*	*(24)*	*-26%*	
	Circuit Breaker Replacement - Morgan Road	*-*	*76*	*-*	*-*	*-*	*128*	*128*	*128*	*52*	*68%*	
	Circuit Breaker Replacement - Milliken	*-*	*1,995*	*-*	*1*	*1*	*905*	*906*	*906*	*(1,089)*	*-55%*	This project was delineated from the NYSEG-Breaker Replacement Program. This project involves the replacement of circuit breakers on the 115 kV network. Delays due to extended lead times for certain materials including circuit breakers, voltage transformers, and HV connectors.
	Circuit Breaker Replacement - Locus St	*-*	*32*	*-*	*-*	*-*	*-*	*-*	*-*	*(32)*	*-100%*	
	Circuit Breaker Replacement - Northside 115 kV	*-*	*76*	*-*	*-*	*-*	*50*	*50*	*50*	*(26)*	*-34%*	
	Circuit Breaker Replacement - Wynantskill	*-*	*333*	*-*	*-*	*-*	*179*	*179*	*179*	*(154)*	*-46%*	
	Circuit Breaker Replacement - Brothertown Road	*-*	*96*	*-*	*-*	*-*	*-*	*-*	*-*	*(96)*	*-100%*	
	Circuit Breaker Replacement - Glenwood	*-*	*-*	*-*	*-*	*-*	*2,235*	*2,235*	*2,235*	*2,235*	*N/A*	Glenwood is a project delineated from the Breaker Replacement Program. The project is currently under construction and forecast is in alignment at the program level.
	Circuit Breaker Replacement - North Endocott	*-*	*-*	*-*	*-*	*-*	*253*	*253*	*253*	*253*	*N/A*	
	Circuit Breaker Replacement - Rano	*-*	*-*	*-*	*-*	*-*	*967*	*967*	*967*	*967*	*N/A*	
	All Other-CBR	*-*	*-*	*-*	*-*	*-*	*1,553*	*1,553*	*1,553*	*1,553*	*N/A*	
73	Comprehensive Area Studies Projects	1,900	1,900	-	-	-	1,192	1,192	(708)	(708)	-37%	The NYSEG CAS Plattsburgh Ashley road funding was completely allocated to the Ferndale Phase 1 Load Relief project. This was a critical emergent project to address overload concerns in the Ferndale & Liberty Areas.
	NYSEG CAS Plattsburgh Ashley	*1,900*	*1,900*	*-*	*-*	*-*	*1,192*	*1,192*	*(708)*	*(708)*	*-37%*	The NYSEG CAS Plattsburgh Ashley road funding was completely allocated to the Ferndale Phase 1 Load Relief project. This was a critical emergent project to address overload concerns in the Ferndale & Liberty Areas.
	All Other-CAS	-	-	-	-	-	-	-	-	-	N/A	
74	Distribution Load Relief Program and Projects	14,500	16,634	1,021	2,586	3,607	12,868	16,475	1,975	(159)	-1%	
	NYSEG Distribution Load Relief Program	*6,000*	*145*	*0*	*(3)*	*(3)*	*892*	*888*	*(5,112)*	*743*	*511%*	
	Woodhull 4.8KV Load Relief	*-*	*88*	*79*	*167*	*246*	*131*	*377*	*377*	*289*	*328%*	
	NYSEG - Regulator Replacement Project	*-*	*172*	*-*	*109*	*109*	*111*	*220*	*220*	*48*	*28%*	
	Crafts 13.2kV Load Transfer to Croton Falls	*8,500*	*2,419*	*392*	*267*	*659*	*2,018*	*2,677*	*(5,823)*	*258*	*11%*	Variance due to increased rock drilling required to set new poles for line upgrades.
	W. Winfield 12.5KV Load Relief	*-*	*3,974*	*128*	*358*	*486*	*3,684*	*4,170*	*4,170*	*196*	*5%*	
	New Centerport Substation (Port Byron - Load relief)	*-*	*9,158*	*188*	*829*	*1,017*	*3,435*	*4,452*	*4,452*	*(4,706)*	*-51%*	Transformer received in 2024, originally it was planned for 2025. The Centerport project year to date and end of year amount has decreased due to reduction of the risks. The project schedule was reanalyzed and determined that the contingency allocated for 2025 could be redistributed and moved to future years when the construction and commissioning is planned.
	NYSEG Distribution Load Relief - Hamburg	*-*	*-*	*-*	*-*	*-*	*92*	*92*	*92*	*92*	*N/A*	
	Lancaster Divsion Substation Upgrade - Rein Road Substaion	*-*	*677*	*204*	*112*	*316*	*645*	*962*	*962*	*284*	*42%*	
	Ferndale Area Phase 1 Load Relief Project	*-*	*-*	*-*	*579*	*579*	*1,045*	*1,625*	*1,625*	*1,625*	*N/A*	The Ferndale Phase 1 Load Relief Project will mitigate existing capacity needs, allow customers in the queue to interconnect, and support organic load growth which is expected to continue in the Ferndale-area in addition to the Liberty Division which experiences severe load increase due to seasonal residents.
	All Other-DLR	*-*	*-*	*30*	*169*	*198*	*814*	*1,013*	*1,013*	*1,013*	*N/A*	

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
75	Elec Better Program and Projects	16,228	16,831	1,851	3,888	5,739	15,692	21,431	5,202	4,599	27%	Overall program has an increase in spend to address reliability SAIFI impacts. These devices will focus on those circuits that will have the greatest impacts to system SAIFI improvements
	NYSEG - Elec Better	*16,228*	*15,566*	*1,665*	*2,811*	*4,477*	*7,454*	*11,930*	*(4,298)*	*(3,636)*	*-23%*	The Betterments Program was used as a funding source for individual projects greater then $500K. These projects were broken out and forecasted as individual line items. The remaining funds within the program will be used to fund smaller projects (<$500K). To date, 3 smaller projects have began construction and NYSEG is anticipated to meet year end forecasts for Betterments. This Forecast does not represent all projects that are broken out of the Betterments budget such as Nowlan Rd and 615 Line Breakers.
	NYSEG 2024 Betterment - 615 Line Breakers	*-*	*-*	*21*	*375*	*396*	*3,392*	*3,788*	*3,788*	*3,788*	*N/A*	This project is a breakout of the overall NYSEG Electric Betterment program above.
	NYSEG 2024 Betterment - Champlain Park Rebuild	*-*	*23*	*125*	*8*	*133*	*-*	*133*	*133*	*110*	*478%*	
	NYSEG 2024 Betterment - Ridge Rd 501 Relocation	*-*	*1,242*	*43*	*188*	*231*	*585*	*817*	*817*	*(425)*	*-34%*	This is an individual betterment project that is funded from the Betterments Program. Actual and projected spend has been updated. The reason that this project is forecasting underspend is due to the use of internal crews instead of external contractors.
	NYSEG 2025 Betterment - Luther Forest 635T607	*-*	*-*	*-*	*-*	*-*	*1,901*	*1,901*	*1,901*	*1,901*	*N/A*	This is an individual betterment project that is funded from the Betterments Program. This project is contingent on National Grid agreeing to an easement to cross electric and gas transmission line. Stamped drawings are pending from the engineering firm.
	NYSEG 2025 Betterment - Axtell Rd	*-*	*-*	*-*	*264*	*264*	*745*	*1,008*	*1,008*	*1,008*	*N/A*	This project was delineated from the Betterments Program. This project benefits customers by making the line more accessible for crews to repair when faults occur, speeding restoration efforts.
	NYSEG 2025 Betterment - Roll Road 529	*-*	*-*	*-*	*226*	*226*	*486*	*712*	*712*	*712*	*N/A*	
	NYSEG 2025 Betterments - West Elmira 111	*-*	*-*	*-*	*16*	*16*	*1,130*	*1,146*	*1,146*	*1,146*	*N/A*	This project was delineated from the Betterments Program. Project in underway, some CAPEX and all RBA will carry into 2026 due to substation equipment lead times.
	All Other-BET	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
76	NYSEG Animal Guard Program	1,870	2,464	388	1,445	1,834	10,719	12,552	10,682	10,089	409%	NYSEG Animal Guard is advancing the deployment of an additional 6,912 devices across NYSEG divisions. These devices will focus on those circuits that will have the greatest impacts to system SAIFI improvements.
77	Milo Substation Rebuild	1,007	6,662	845	3,195	4,040	4,287	8,327	7,320	1,665	25%	The Gas Insulated Switchgear manufacturer had delays in 2024, in engineering and design coordination with the enclosure fabricator that has impacted the completion of the above-ground construction and the protection and control design. This delay has caused an increase to investment for 2025.The station is on schedule to energize by the end of the year.
78	Wood Street New 3rd 345/115kV Trans	-	1,347	821	520	1,341	1,157	2,498	2,498	1,151	85%	The forecast has increased to include the remaining work required to integrate Transformer 1 and Transformer 2 protection and control with the 345kV remote ends owned by Con Edison. In addition to repair the substation driveway.
79	NYSEG Craryville Substation and Distribution Upgrades	6,560	-	(272)	(13)	(285)	-	(285)	(6,845)	(285)	N/A	
80	Dingle Ridge - 2nd Bank and 13.2kV Conv	-	2,955	373	791	1,164	1,217	2,381	2,381	(575)	-19%	Cost of removal was originally included in the capital plan dollars, this has been removed and delineated as COR. In addition, construction costs are lower than estimated.
81	Circuit Sensor Implementation - NYSEG	1,680	1,244	23	39	62	2,077	2,139	459	894	72%	The Circuit Sensors Implementation project at NYSEG has successfully completed its engineering phase, all materials have been received, and construction is scheduled to begin in Q3. YE forecast is $2.139M compared to a plan of $1.680M due to additional line sensors that will be received for preparation to future work.
82	Dingle Ridge - Circuit Upgrades	-	2,323	49	72	120	2,109	2,229	2,229	(94)	-4%	
83	Hilldale Substation Load Relief	1,000	-	-	-	-	-	-	(1,000)	-	N/A	
84	North Brewster Reinforcement	-	4,887	654	1,338	1,992	2,557	4,549	4,549	(338)	-7%	
85	Line 620 Rebuild - 34.5 kV	4,086	-	13	15	27	-	27	(4,059)	27	N/A	

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
86	Raquette Lake Substation Rebuild	-	-	415	427	842	718	1,560	1,560	1,560	N/A	Additional ground grid Step and Touch Potential Testing was requested and the prior SPC3-7 commissioning plan had to be reviewed and adjusted. These additional activities will extend the schedule through the summer of 2025.
87	Transmission Reinforcement Program and Projects	5,000	5,000	-	171	171	15,700	15,871	10,871	10,871	217%	Sub Transmission Automation - Clyde is a recent initiative aimed at mitigating SAIFI impacts from frequent outages on NYSEG's 34.5kV network.
	NYSEG Transmission Reinforcement Program	*5,000*	*5,000*	*-*	*-*	*-*	*-*	*-*	*(5,000)*	*(5,000)*	*-100%*	The NYSEG Transmission Reinforcement Program serves as a source of funding for transmission reliability and capacity projects. This $5M variance is a result of allocating these funds to the Ferndale PPP Project $1.9M, $0.8M was used for Four NYSRECA Projects (Steuben, Delhi, New Berlin and South Kortright Coops), $1M was used for the Wehrle Drive Transmission Reinforcement Project, $1M was used for Distribution Load Relief Projects i.e. ($0.2M for the Distribution Load Relief Regulator Replacements, $0.2M was used for the Genoa Load Relief Project & $0.6M was used for the Crooked Lake Project) and the remaining $0.3M is planned for the Stillwater NWA project.
	Lancaster Division Substation Upgrade - Wehrle Drive Substai	*-*	*-*	*-*	*-*	*-*	*949*	*949*	*949*	*949*	*N/A*	
	Livingston Manor Automatic Throwover Scheme	*-*	*-*	*-*	*-*	*-*	*647*	*647*	*647*	*647*	*N/A*	
	Spencer Automatic Throw-Over Scheme	*-*	*-*	*-*	*-*	*-*	*592*	*592*	*592*	*592*	*N/A*	
	Stryker Ave Substation Upgrade	*-*	*-*	*-*	*50*	*50*	*613*	*663*	*663*	*663*	*N/A*	
	Woodruff Pond and West Chazy Reconfiguration	*-*	*-*	*-*	*-*	*-*	*621*	*621*	*621*	*621*	*N/A*	
	Sub Transmission Automation - Clyde	*-*	*-*	*-*	*22*	*22*	*1,186*	*1,209*	*1,209*	*1,209*	*N/A*	Subtransmission Automation was not included in the 5 Year plan as is a recent initiative aimed at mitigating SAIFI impacts from frequent outages on NYSEG's 34.5kV network. The project was kicked off in May 2025 and is currently in the engineering phase, with construction expected to begin in Q3 2025.
	All Other-TRP	*-*	*-*	*-*	*99*	*99*	*11,092*	*11,191*	*11,191*	*11,191*	*N/A*	
88	34.5 kV NYSEG Line 455 Upgrades	-	-	0	(0)	0	-	0	0	0	N/A	
89	Proactive Planning - Ferndale	-	-	-	175	175	1,750	1,925	1,925	1,925	N/A	This newly identified project is emergent due to the load growth and immediate need of grid upgrades in the Liberty, NY area.
90	Afton Sub - Add new 34.5kV Circuit	-	-	22	25	47	-	47	47	47	N/A	
91	NYSEG New York Coordinated Grid Planning Process	-	-	2	1	3	-	3	3	3	N/A	
92	NeverSink Substation Transformer & Circuit Upgrade	8,500	-	-	-	-	-	-	(8,500)	-	N/A	
93	NYSRECA - Delhi Co-op	-	-	-	-	-	191	191	191	191	N/A	
94	NYSRECA - South Kortright Co-op	-	-	-	-	-	191	191	191	191	N/A	
95	NYSRECA - Steuben Co-op	-	-	-	-	-	191	191	191	191	N/A	
96	NYSRECA - New Berlin Co-op	-	-	-	-	-	191	191	191	191	N/A	
97	New Scheduler NYSEG	-	-	651	(127)	523	1,147	1,670	1,670	1,670	N/A	Project scope increased to add additional functionalities. The go-live of the short cycle solution was pushed to 2025 in order to accommodate these improvements to the solution. Project will finish this year.
98	All Other Reliability	2,568	-	235	360	595	425	1,020	(1,548)	1,020	N/A	
99	**Total Reliability**	76,899	87,937	9,300	21,543	30,843	90,903	121,746	44,846	33,808	38%	
100	**ELECTRIC: Resiliency**											
101	NYSEG - SCADA/Automation Program and Projects	6,356	7,158	511	874	1,386	5,771	7,156	800	(1)	0%	
	NYSEG - SCADA/Automation	*6,356*	*7,158*	*511*	*870*	*1,381*	*2,952*	*4,333*	*(2,023)*	*(2,825)*	*-39%*	The SCADA Automation program has delineated to the projects below
	NYSEG SCADA Automation 2025 - Clyde	*-*	*-*	*-*	*0*	*0*	*261*	*261*	*261*	*261*	*N/A*	
	NYSEG SCADA Automation 2025 - Jeffersonville	*-*	*-*	*-*	*0*	*0*	*303*	*303*	*303*	*303*	*N/A*	
	NYSEG SCADA Automation 2025 - South Addison	*-*	*-*	*-*	*0*	*0*	*238*	*239*	*239*	*239*	*N/A*	
	NYSEG SCADA Automation 2025 - Milford	*-*	*-*	*-*	*0*	*0*	*207*	*207*	*207*	*207*	*N/A*	
	NYSEG SCADA Automation 2025 - Stanton Avenue	*-*	*-*	*-*	*0*	*0*	*207*	*207*	*207*	*207*	*N/A*	
	NYSEG SCADA Automation 2025 - Deposit	*-*	*-*	*-*	*0*	*0*	*553*	*553*	*553*	*553*	*N/A*	
	NYSEG SCADA Automation 2025 - Roscoe	*-*	*-*	*-*	*0*	*0*	*267*	*267*	*267*	*267*	*N/A*	
	NYSEG SCADA Automation 2025 - Presho	*-*	*-*	*-*	*0*	*0*	*261*	*262*	*262*	*262*	*N/A*	
	NYSEG SCADA Automation 2025 - Vincent Corners	*-*	*-*	*-*	*0*	*0*	*239*	*239*	*239*	*239*	*N/A*	
	NYSEG SCADA Automation 2025 - Belleayre	*-*	*-*	*-*	*0*	*0*	*284*	*285*	*285*	*285*	*N/A*	
	All Other-NYSEG SCADA/Automation	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
102	Trip Saver	750	2,864	141	1,766	1,908	5,828	7,736	6,986	4,872	170%	NYSEG Trip Saver is advancing the deployment of an additional 220 devices focusing on those circuits laterals that will have the greatest impact to system SAIFI improvements.

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
103	Lancaster Projects	-	51,280	-	-	-	17,887	17,887	17,887	(33,393)	-65%	The project recently completed individual project breakouts. Project has been postponed, prioritizing the completion of other key initiatives. With extended lead times for critical materials, this project will serve as an interim measure for the procurement of power transformers, medium-voltage Gas Insulated Switchgear, and substation circuit breakers. The objective for this year is to generate the purchase orders for these major equipment items.
	Lancaster 21st Century Projects	*-*	*34,637*	*-*	*-*	*-*	*1,704*	*1,704*	*1,704*	*(32,933)*	*-95%*	The project recently completed individual project breakouts. Project has been postponed, prioritizing the completion of other key initiatives. With extended lead times for critical materials, this project will serve as an interim measure for the procurement of power transformers, medium-voltage Gas Insulated Switchgear, and substation circuit breakers. The objective for this year is to generate the purchase orders for these major equipment items.
	Lancaster Project - Losson Road Substation 34.5/12.5 kV GIS	*-*	*3,208*	*-*	*-*	*-*	*3,490*	*3,490*	*3,490*	*282*	*9%*	
	Lancaster Project - Blossom Road Substation 34.5/12.5 kV GI	*-*	*3,786*	*-*	*-*	*-*	*1,775*	*1,775*	*1,775*	*(2,012)*	*-53%*	The variance from the plan is attributable to delays in the procurement of critical materials, which are affecting both the payment milestones tied to the equipment and the advancement of detailed engineering activities.
	Lancaster Project - Walden Ave & Sloan - Distribution upgrade	*-*	*342*	*-*	*-*	*-*	*1,558*	*1,558*	*1,558*	*1,216*	*356%*	The material procurement process is being accelerated.
	Lancaster Project - Losson Road - Distribution upgrades	*-*	*213*	*-*	*-*	*-*	*2,749*	*2,749*	*2,749*	*2,537*	*1192%*	The material procurement process is being accelerated.
	Lancaster Project - North Broadway - Expansion	*-*	*1,325*	*-*	*-*	*-*	*575*	*575*	*575*	*(750)*	*-57%*	The variance from the plan is attributable to delays in the procurement of critical materials, which are affecting both the payment milestones tied to the equipment and the advancement of detailed engineering activities.
	Lancaster Project - Blosson Road - Distribution upgrades	*-*	*165*	*-*	*-*	*-*	*5,674*	*5,674*	*5,674*	*5,508*	*3335%*	The material procurement process is being accelerated.
	Lancaster Project - Line 532 - Reroute	*-*	*345*	*-*	*-*	*-*	*56*	*56*	*56*	*(289)*	*-84%*	
	Lancaster Project - Blossom to Losson - Distribution Express f	*-*	*1,191*	*-*	*-*	*-*	*16*	*16*	*16*	*(1,174)*	*-99%*	Delays in completing the engineering work required for the procurement of the power cable.
	Lancaster Project - Losson - Distribution Express feeder	*-*	*1,191*	*-*	*-*	*-*	*16*	*16*	*16*	*(1,174)*	*-99%*	Delays in completing the engineering work required for the procurement of the power cable.
	Lancaster Project - Losson Road - Distribution Center	*-*	*1,672*	*-*	*-*	*-*	*120*	*120*	*120*	*(1,552)*	*-93%*	The variance from the plan is attributable to delays in the procurement of critical materials, which are affecting both the payment milestones tied to the equipment and the advancement of detailed engineering activities.
	Lancaster Project - Sloan - Distribution Center	*-*	*1,383*	*-*	*-*	*-*	*129*	*129*	*129*	*(1,254)*	*-91%*	The variance from the plan is attributable to delays in the procurement of critical materials, which are affecting both the payment milestones tied to the equipment and the advancement of detailed engineering activities.
	Lancaster Project - Sloan to Losson - Distribution Express feed	*-*	*930*	*-*	*-*	*-*	*13*	*13*	*13*	*(917)*	*-99%*	
	Lancaster Project - Walden Ave to Sloan - Distribution Express	*-*	*893*	*-*	*-*	*-*	*12*	*12*	*12*	*(881)*	*-99%*	
	All Other-LANC	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
104	Resiliency Program and Projects	28,006	28,021	1,885	5,261	7,146	20,855	28,001	(5)	(20)	0%	
	Resiliency	*28,006*	*1*	*(631)*	*497*	*(134)*	*4,723*	*4,589*	*(23,418)*	*4,588*	*485759%*	The Program recently completed project breakouts from the Resiliency Program. Current forecasts for the program align to the $28M in the plan and include the completion in 2025 of Davis 531, Hancock 216, Center Village 248, Langer Rd 433, Adams Corners, Flat Street 597 and Walden 705 & 707.
	NYSEG Resiliency - Adams Corners	*-*	*3,638*	*303*	*1,423*	*1,726*	*1,175*	*2,902*	*2,902*	*(736)*	*-20%*	Adams Corners was delineated from the Resiliency program at NYSEG and is currently aligned with the forecasted costs for the project. There was a reduction in overall spend due to lower vegetation costs than originally projected.
	NYSEG Resiliency - Langer 433	*-*	*735*	*262*	*508*	*770*	*393*	*1,163*	*1,163*	*428*	*58%*	Langner 433 was delineated from the Resiliency program at NYSEG and is forecasting 428k over plan due to increased vegetation clearing for construction crew access.

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
	NYSEG Resiliency - Davis 531	-	*1,083*	*167*	*152*	*320*	*878*	*1,198*	*1,198*	*115*	*11%*	Davis 531 was delineated from the Resiliency program at NYSEG and is over plan by 115k due to additional costs associated with a scope change that required us to follow the RAMS process, and additional common transmission materials. Additionally, the long lead time of the regulators has extended the project timeframe and incurred additional costs in material/equipment storage.
	NYSEG Resiliency - Flat Street 597	-	*9,449*	*408*	*1,266*	*1,674*	*7,454*	*9,128*	*9,128*	*(321)*	*-3%*	
	NYSEG Resiliency - Kattleville 422	-	*3,000*	*3*	*509*	*512*	*2,200*	*2,712*	*2,712*	*(288)*	*-10%*	Kattleville was delineated from the Resiliency program at NYSEG and is under plan by 288K, as the Resiliency program is prioritizing projects that mitigates SAIFI impacts on the distribution network. The Kattleville 422 project engineering has been completed and is scheduled to resume at a later date. The forecasted $2.2M will be invested in 2025 as part of the Resiliency programs in projects that focus on SAIFI impacts mitigation. These projects are currently being scoped.
	NYSEG Resiliency - Walden 358/359	-	*5,446*	*1,355*	*655*	*2,010*	*992*	*3,001*	*3,001*	*(2,445)*	*-45%*	Walden 358/359 was delineated from the Resiliency program at NYSEG and is under plan by $2.445M, as the Resiliency program is prioritizing projects that mitigates SAIFI impacts on the distribution network. The Walden 358/359 project engineering has been completed, materials ordered and construction is expected to begin in 2026 when required environmental permits are received.
	NYSEG Resiliency - Union Valley 433	-	*2,910*	*17*	*97*	*114*	*1,891*	*2,005*	*2,005*	*(905)*	*-31%*	Union Valley 433 was delineated from the Resiliency program at NYSEG and is under plan by $905k due to delayed environmental permitting needs. Environmental permits are expected to be received prior to year end and work will proceed at that time. All materials will be charged to the project in 2025 and vegetation work will be completed prior to year end.
	NYSEG Resiliency - Greenidge 596	-	*759*	*-*	*154*	*154*	*1,149*	*1,303*	*1,303*	*544*	*72%*	Greenidge was delineated from the Resiliency program at NYSEG and project engineering has been completed. The Resiliency program is prioritizing projects that mitigates SAIFI impacts on the distribution network and, as a result, Greenidge won't be prioritized for 2025 execution and is scheduled to resume at a later date. The year-end forecast is over $544k against a plan of $1.3M due to our initial plans in 2025. The $1,149M will be invested in 2025 as part of the Resiliency programs in projects that focus on SAIFI impacts mitigation and forecast will be updated in the next reporting cycle as these projects are currently being scoped.
	NYSEG Resiliency - Shandaken 501	-	*200*	*-*	*-*	*-*	*-*	*-*	*-*	*(200)*	*-100%*	
	NYSEG Resiliency Cemetery Rd 490/ North Broadway 535	-	*200*	*-*	*-*	*-*	*-*	*-*	*-*	*(200)*	*-100%*	
	NYSEG Resiliency 2027 - Genegantslets 422	-	*600*	*-*	*-*	*-*	*-*	*-*	*-*	*(600)*	*-100%*	
	All Other-Res	-	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
105	Distribution Automation Program and Projects	25,764	25,753	4,777	11,168	15,944	15,465	31,409	5,645	5,656	22%	Accelerating the purchase and reception of the reclosers will support an early execution of the 2026 plan for Lancaster and Elmira. In addition to implementation of Sequential Reclosing on SCADA devices in the Binghamton division.
	NYSEG Automation - Ithaca	-	*4,084*	*976*	*1,704*	*2,680*	*1,220*	*3,900*	*3,900*	*(184)*	*-5%*	
	NYSEG Automation - Geneva/Hornell	-	*671*	*480*	*190*	*670*	*137*	*807*	*807*	*136*	*20%*	
	NYSEG Automation - Brewster	-	*1,286*	*-*	*358*	*358*	*1,153*	*1,511*	*1,511*	*225*	*17%*	NYSEG Automation - Brewster was delineated from the Distribution Automation program at NYSEG to include all automation efforts at Brewster division. The project engineering is completed and construction and testing and commissioning activities are actively progressing. The year-end forecast is over $225k against a plan of $1,286M to include the implementation of Sequential Reclosing on SCADA devices.
	NYSEG Automation - Liberty	-	*1,609*	*-*	*94*	*94*	*1,487*	*1,581*	*1,581*	*(28)*	*-2%*	
	NYSEG Automation - Auburn	-	*1,074*	*633*	*341*	*974*	*67*	*1,041*	*1,041*	*(33)*	*-3%*	

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
	NYSEG Automation - Binghamton	-	*3,533*	*516*	*3,593*	*4,109*	*1,771*	*5,880*	*5,880*	*2,347*	*66%*	NYSEG Automation - Binghamton was delineated from the Distribution Automation program at NYSEG to include all automation efforts within the Binghamton division. Project engineering is complete and construction and Testing and Commissioning is actively progressing with some circuits already completed. The year-end forecast is over $2,347M against a plan of $3,533M to include the implementation of Sequential Reclosing on SCADA devices.
	NYSEG Automation - Oneonta	-	*3,409*	*1,442*	*817*	*2,259*	*788*	*3,047*	*3,047*	*(362)*	*-11%*	NYSEG Automation - Oneonta was delineated from the Distribution Automation program at NYSEG to include all automation efforts within the Oneonta division. The year-end forecast is under $362k against a plan of $3,409M due to scope reduction as part of detailed engineering efforts and a reduction of construction costs.
	NYSEG Automation - Elmira	-	*4,071*	*1,478*	*2,857*	*4,335*	*335*	*4,670*	*4,670*	*599*	*15%*	NYSEG Automation - Elmira was delineated from the Distribution Automation program at NYSEG to include all automation efforts within the Elmira division. Project engineering is complete and construction and Testing and Commissioning is actively progressing with some circuits already completed. The year-end forecast is over $599k against a plan of $4,071M to include the implementation of Sequential Reclosing on SCADA devices.
	NYSEG Automation - Lancaster/Lockport	-	*4,351*	*74*	*1,152*	*1,226*	*3,960*	*5,186*	*5,186*	*835*	*19%*	NYSEG Automation - Lancaster/Lockport was delineated from the Distribution Automation program at NYSEG to include all automation efforts within the Lockport division. Project engineering and construction is complete. Testing and Commissioning is actively progressing. The year-end forecast is over $835k against a plan of $4,351M to include the implementation of Sequential Reclosing on SCADA devices.
	NYSEG Automation - Mechnicville/Plattsburgh	-	*1,568*	*3*	*96*	*99*	*1,123*	*1,222*	*1,222*	*(346)*	*-22%*	We are currently forecasting under due to materials not arriving as planned
	NYSEG DAP 2026 - Brewster	-	-	-	-	-	*71*	*71*	*71*	*71*	*N/A*	
	NYSEG DAP 2026 - Hornell	-	-	-	-	-	*304*	*304*	*304*	*304*	*N/A*	
	NYSEG DAP 2026 - Ithaca	-	-	-	-	-	*319*	*319*	*319*	*319*	*N/A*	
	NYSEG DAP 2026 - Mechanicville	-	-	-	-	-	*496*	*496*	*496*	*496*	*N/A*	
	NYSEG DAP 2026 - Oneonta	-	-	-	-	-	*780*	*780*	*780*	*780*	*N/A*	
	NYSEG DAP 2026 - Lancaster	-	-	-	-	-	*1,264*	*1,264*	*1,264*	*1,264*	*N/A*	NYSEG DAP 2026 - Lancaster was delineated from the Distribution Automation program at NYSEG to include all automation efforts within the Lancaster division. Year-end forecast is over $1,264M against a plan of $0M due to recloser orders for NYSEG Distribution Automation 2026 plan. Accelerating the purchase and reception of the reclosers will support an early execution of the 2026 plan.
	NYSEG DAP 2026 - Geneva	-	-	-	-	-	*767*	*767*	*767*	*767*	*N/A*	
	NYSEG DAP 2026 - Elmira	-	-	-	-	-	*1,382*	*1,382*	*1,382*	*1,382*	*N/A*	NYSEG DAP 2026 - Lancaster was delineated from the Distribution Automation program at NYSEG to include all automation efforts within the Elmira division. Year-end forecast is over $1,382M against a plan of $0M due to recloser orders for NYSEG Distribution Automation 2026 plan. Accelerating the purchase and reception of the reclosers will support an early execution of the 2026 plan.
	NYSEG DAP 2026 - Liberty	-	-	-	-	-	*578*	*578*	*578*	*578*	*N/A*	
	NYSEG DAP 2026 - Lockport	-	-	-	-	-	*69*	*69*	*69*	*69*	*N/A*	
	Distribution Automation - NYSEG	*25,764*	*97*	*(824)*	*(34)*	*(858)*	*(2,607)*	*(3,466)*	*(29,230)*	*(3,562)*	*-3681%*	The Distribution Automation program has recently been restructured into individual projects. This project ID corresponds to the legacy Distribution Automation program prior to the breakout. The year-end forecast is under $3,562M compared to a $97k plan, reflecting materials previously received under the program that are currently being transitioned into the newly defined Distribution Automation projects at NYSEG.
	All Other-DA	-	-	-	-	-	-	-	-	-	*N/A*	
106	All Other Resiliency	-	-	-	-	-	-	-	-	-	N/A	
107	**Total Resiliency**	60,876	115,075	7,314	19,069	26,383	65,806	92,190	31,313	(22,886)	-20%	

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	Capital Project or Category	A	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
108	**ELECTRIC: Compliance**												
109	FERC 881 Regulatory Compliance		-	2,346	218	163	380	2,061	2,442	2,442	96	4%	
110	NYSEG FERC 2222		-	1,863	30	92	122	760	882	882	(981)	-53%	Variance due to shift in timing for external services. System development to automate new process originally targeted to start in April, will now target to start Q4 2025, as the team works on best technical solution and vendor. Costs associated with external project support has shifted to Q4 2025 to provide timing for procurement process and align with project dependencies.
111	IT-OT NERC CIP Asset Transition		-	2,071	124	244	368	1,008	1,376	1,376	(695)	-34%	Originally planned for external labor for major onsite substation work such as installation and configuration, and commissioning at 23 sites, but now being performed by internal personnel. External services will be used to convert and test configuration files, update the substation diagrams/closeouts, and support project management.
112	Bulk Electric System (BES) Projects		-	38,018	6,820	16,448	23,268	26,812	50,080	50,080	12,062	32%	New bids for the Fraser 345kV work and all new 345kV construction bids came in higher than the original forecast which together with the approved advancing of L949 and L916 from 2026 to 2025 led to the 2025 CAPEX Plan Year increase.
	NYSEG BES Program - FERC Compliance		*35,221*	*-*	*2,503*	*(1,414)*	*1,090*	*-*	*1,090*	*(34,131)*	*1,090*	*N/A*	BES NYSEG projects have transitioned to a more granular structure in SAP. All forecasts have been moved to the new structure. AFUDC continues to accrue on originally scoped projects which were subsequently cut.
	BES - South Oneonta Area - Fraser		*-*	*34,826*	*6,109*	*15,634*	*21,743*	*25,348*	*47,091*	*47,091*	*12,264*	*35%*	The construction of the Fraser 345kV substation was previously deferred from 2024 to 2025 due to delays in environmental permit approvals. According to the submitted plan, work on the Fraser 345 kV substation was scheduled to restart in January 2025, with the contractor already on board. However, the delay in the construction start resulted in increased costs from the original construction vendor. This prompted the BES team to resubmit the job for new bids for the Fraser 345 kV work and all new 345kV construction bids came in higher than the original forecast which together with the approved advancing of L949 and L916 from 2026 to 2025 led to the 2025 CAPEX Plan Year increase.
	BES - Erie Street		*-*	*1,755*	*383*	*438*	*820*	*812*	*1,632*	*1,632*	*(123)*	*-7%*	
	BES - 981 Line Uprate		*-*	*300*	*71*	*81*	*153*	*154*	*307*	*307*	*6*	*2%*	
	BES - Border City / Haley		*-*	*30*	*7*	*8*	*16*	*16*	*31*	*31*	*1*	*3%*	
	BES - Frog Valley part of WBS UH-N0000581		*-*	*33*	*8*	*9*	*17*	*17*	*34*	*34*	*1*	*3%*	
	BES - Fuller Hollow / Langdon		*-*	*174*	*33*	*22*	*54*	*89*	*144*	*144*	*(31)*	*-18%*	
	BES - Wagner Hill		*-*	*55*	*13*	*15*	*28*	*28*	*56*	*56*	*1*	*2%*	
	BES - Ten Mile River to		*-*	*53*	*13*	*15*	*27*	*27*	*54*	*54*	*2*	*3%*	
	BES - Sleight Road StatCom		*-*	*22*	*5*	*6*	*11*	*11*	*23*	*23*	*1*	*3%*	
	New 115 kV Baker Hill Substation		*-*	*146*	*1*	*1*	*1*	*-*	*1*	*1*	*(144)*	*-99%*	
	BES - NY.Healey Road		*-*	*28*	*7*	*8*	*14*	*14*	*29*	*29*	*1*	*3%*	
	BES Fuller Hollow + L939 + L952 + RR		*-*	*-*	*5*	*17*	*22*	*-*	*22*	*22*	*22*	*N/A*	
	BES SS Colliers		*-*	*-*	*41*	*47*	*88*	*87*	*174*	*174*	*174*	*N/A*	
	BES SS East Norwich		*-*	*-*	*63*	*72*	*135*	*134*	*269*	*269*	*269*	*N/A*	
	BES TL 727 Langdon Road to Fuller Hollow		*-*	*-*	*2*	*7*	*8*	*-*	*8*	*8*	*8*	*N/A*	
	N58495 - BES TL 842 - Baker Hill to Pierce Avenue 46 kV		*-*	*-*	*1*	*2*	*3*	*-*	*3*	*3*	*3*	*N/A*	
	Morris 46/4.8 kV Substation Upgrades		*-*	*-*	*0*	*0*	*1*	*-*	*1*	*1*	*1*	*N/A*	
	Pierce SS		*-*	*-*	*4*	*4*	*8*	*-*	*8*	*8*	*8*	*N/A*	
	New 115 kV Line from Baker Hill to Colliers		*-*	*-*	*5*	*6*	*12*	*-*	*12*	*12*	*12*	*N/A*	
	New 115 kV Line from Baker Hill to Fraser		*-*	*-*	*5*	*6*	*12*	*-*	*12*	*12*	*12*	*N/A*	
	New 115 kV Line from Baker Hill to East Norwich		*-*	*-*	*5*	*6*	*10*	*-*	*10*	*10*	*10*	*N/A*	
	Colliers 115/46/4.8/4.16 kV Substation Full Rebuild		*-*	*169*	*3*	*3*	*5*	*-*	*5*	*5*	*(164)*	*-97%*	
	East Norwich 115/46/34.5/4.8 kV Substation Partial Rebuild		*-*	*261*	*2*	*2*	*4*	*-*	*4*	*4*	*(257)*	*-99%*	
	BES - NY.Wright Ave		*-*	*165*	*-*	*-*	*-*	*-*	*-*	*-*	*(165)*	*-100%*	
	BES SS Fraser 115 kV Breaker		*-*	*-*	*35*	*40*	*75*	*75*	*150*	*150*	*150*	*N/A*	
	All Other-BES		*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
113	NERC Compliance Program - NYSEG		-	2,558	10	116	126	1,688	1,815	1,815	(743)	-29%	A 20 week lead time has been provided for power line carrier equipment (Telecom Equipment) required for the stations, causing some delays. Resources were originally anticipated to be contractors, however all project resources have been internal labor, the cost of labor is reduced due to this reason.

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
114	NERC Alert Priority III Projects	11,161	8,507	654	748	1,402	7,990	9,392	(1,769)	885	10%	Due to the deteriorated condition of the structures adjacent to the original work locations, two additional structures have been added to the project scope for replacement at NERC Alert Priority III-NYSEG-Line 960.
	NERC Alert Priority III	*11,161*	*348*	*639*	*639*	*1,278*	*322*	*1,600*	*(9,561)*	*1,252*	*359%*	The increased resulted from a reprioritization of project lines to better align with the permitting process.
	NERC Alert Priority III-NYSEG-Line 920	*-*	*240*	*9*	*43*	*52*	*834*	*886*	*886*	*646*	*270%*	
	NERC Alert Priority III-NYSEG-Line 937	*-*	*2,397*	*-*	*10*	*10*	*1,539*	*1,549*	*1,549*	*(848)*	*-35%*	To ensure efficient execution and minimize delays, the project has been divided into two phases. This approach allows work to begin on a priority segment while providing additional time to complete preparations for the remaining sections of the line, including securing the necessary permits. By phasing the project in this manner, progress can continue without requiring a full stoppage, thereby maintaining momentum and optimizing resource utilization.
	NERC Alert Priority III-NYSEG-Line 940	*-*	*962*	*6*	*57*	*63*	*976*	*1,039*	*1,039*	*78*	*8%*	
	NERC Alert Priority III-NYSEG-Line 952	*-*	*2,404*	*-*	*-*	*-*	*-*	*-*	*-*	*(2,404)*	*-100%*	This project was originally scheduled for 2025; however, due to identified risks related to outage availability and the permitting process, it was rescheduled to 2027. To maintain program continuity, the following lines have been identified for 2025: L920, L936, L937, L940 and L960.
	NERC Alert Priority III-NYSEG-Line 960	*-*	*2,157*	*-*	*-*	*-*	*2,532*	*2,532*	*2,532*	*374*	*17%*	Due to the deteriorated condition of the structures adjacent to the original work locations, two additional structures have been added to the project scope for replacement. The inclusion of these two additional structures in the project scope is a measure to ensure safe working conditions during project execution. Preliminary activities commenced in Q2 and the planned completion date is Q4 of this year.
	NERC Alert Priority III-NYSEG-Line 936	*-*	*-*	*-*	*-*	*-*	*945*	*945*	*945*	*945*	*N/A*	
	NERC Alert Priority III-NYSEG-Line 958	*-*	*-*	*-*	*-*	*-*	*842*	*842*	*842*	*842*	*N/A*	
	All Other-NERCIII	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
115	NYSEG FIRE PROTECTION TRANSMISSION	-	465	-	-	-	300	300	300	(165)	-35%	
116	Cost Sharing 2.0	5,000	5,000	-	28	28	-	28	(4,972)	(4,972)	-99%	No applicable developer projects identified
117	All Other Compliance	-	-	41	290	332	471	803	803	803	N/A	
118	**Total Compliance**	51,381	60,828	10,400	16,716	27,116	41,090	68,207	16,825	7,379	12%	
119	**ELECTRIC: Hydro-Generation**											
120	Upper Mechanicville Intake Upgrades And Downstream Passa	2,498	424	5	6	11	94	105	(2,393)	(319)	-75%	
121	Kents Falls - Capital Project	5,288	1,763	140	331	470	2,672	3,142	(2,146)	1,379	78%	Project exceeds plan as NYSEG competitively bid the Kents Falls Units 1 through 3 penstock relining construction under the project and the awarded construction purchase order in Q2 was higher than engineer's estimate. Contractor is planning to mobilize in Q3 2025.
122	High Falls Intake Upgrade Project	6,025	7,699	803	642	1,445	5,877	7,321	1,296	(377)	-5%	
123	NYSEG Minor Capital Program	1,500	1,349	281	383	664	1,194	1,858	358	510	38%	Project exceeds plan due to NYSEG initiating additional dam safety/personnel safety projects in 2025 than originally anticipated, such as NYSEG Mechanicville Dam Safety Upgrade Project and Saranac Hydro Facility Security Upgrades Projects.
124	Kents Falls Unit 2 Turbine-Generator Major Rebuild	473	3	1	1	2	2	3	(469)	0	3%	
125	Mechanicville Upstream Eel Ladder Project	-	948	75	96	171	307	478	478	(470)	-50%	
126	Cadyville Upgrade Unit 1 & Unit 2 Turbine-Generator Cooling '	347	-	-	-	-	-	-	(347)	-	N/A	
127	Saranac Plant Control Systems Upgrade Project	563	757	6	63	69	146	214	(349)	(542)	-72%	
128	Bradford Concrete Spillway And Toe Resurfacing Improvemer	360	367	33	38	71	118	189	(170)	(178)	-48%	
129	High Falls Unit 2 Generator Rewind	441	2,478	42	160	202	1,733	1,935	1,494	(542)	-22%	Project below plan due to delays during contract negotiations with lowest competitive bidder that will delay Purchase Order issuance to a General Construction contractor. Due to the extended contract negotiations and complex construction sequencing required on site for final commissioning, commissioning of the Unit 2 generator forecasted to be complete in 2026.
130	Kents Falls Internal Riser Shaft and Tank Project	878	282	21	147	168	80	248	(630)	(34)	-12%	
131	Kents Falls Upstream Training Wall Extension Project	-	102	145	380	524	84	609	609	507	498%	
132	Cadyville Right Abutment Spillway Improvements Project	0	52	65	130	195	132	328	328	276	536%	
133	Mill C Spillway Concrete Improvements Project	200	263	4	10	14	204	218	18	(45)	-17%	
134	Rainbow Falls Powerhouse Entrance Hill Stabilization	-	1,518	32	342	374	1,013	1,387	1,387	(131)	-9%	
135	Kents Falls Dam Low Level Floodgate Project	228	363	47	93	140	254	394	166	31	9%	

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

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136	Cadyville and Mill C Penstock Vent Valve House Upgrade Project	-	673	5	51	56	663	720	720	46	7%	
137	High Falls Draft Tube Stop Logs and Gantry Project	-	6	2	2	3	3	7	7	0	3%	
138	Overhead Crane Upgrades Project (Cadyville, Rainbow Falls)	-	-	-	0	0	-	0	0	0	N/A	
139	Roof Upgrades (Cadyville, Rainbow Falls)	-	444	1	2	4	132	135	135	(309)	-69%	
140	Upper Mechanicville Generator Protection and Controls Upgrade Project	175	-	-	-	-	-	-	(175)	-	N/A	
141	Upper Mechanicville Hydroelectric Relicensing Project	-	167	54	18	72	54	126	126	(41)	-24%	
142	All Other Hydro	478	142	17	20	37	77	114	(364)	(28)	-20%	
143	**Total Hydro-Generation**	19,453	19,800	1,780	2,913	4,693	14,840	19,533	80	(267)	-1%	
144	**ELECTRIC: Clean Energy Transformation**											
145	PNY Phase 1 Projects	192,628	108,578	7,271	7,409	14,680	29,126	43,806	(148,822)	(64,771)	-60%	Progress was delayed due to a revised permitting strategy and extended time taken to incorporate design improvements, pushing planned 2025 work later in the schedule for PNY Phase 1 - Oakdale Westover Solution. In addition to Article VII delays.
	PNY Phase 1 NYSEG	*192,628*	*-*	*-*	*-*	*-*	*-*	*-*	*(192,628)*	*-*	*N/A*	
	PNY Phase 1 - Line 962 Rebuild	*-*	*1,851*	*828*	*392*	*1,220*	*2,238*	*3,458*	*3,458*	*1,607*	*87%*	The project is currently forecasting higher expenditures following a comprehensive budget re-evaluation aligned with current scope requirements and proposal received from vendors. As a result, the team has strategically scheduled the majority of detailed engineering activities for 2025 to ensure alignment with revised financial and execution plans. Key preparatory work includes geotechnical investigations, environmental field assessments, and real estate planning. This work will be initiated to support the engineering phase and facilitate timely project advancement.
	PNY Phase 1 - Jennison 115/46 kV Substation Upgrades	*-*	*17,432*	*1,145*	*1,009*	*2,154*	*5,149*	*7,303*	*7,303*	*(10,129)*	*-58%*	The project is currently forecasting lower expenditures following a comprehensive budget re-evaluation aligned with current scope requirements and proposal received from vendors. Jennison SS was not under Article VII originally. Based on feedback from DPS, other Article VII projects, and advice from Legal and Permitting groups. We have put Jennison Substation and Re-Routes under the same Article VII application as L949/L946 NYSEG. Hence the commencement of construction has been pushed from 2025 to 2027.
	PNY Phase 1 - 115 kV Line 961 Rebuild	*-*	*2,544*	*339*	*138*	*476*	*1,807*	*2,283*	*2,283*	*(261)*	*-10%*	The project is currently forecasting slightly lower expenditures following a comprehensive budget re-evaluation aligned with current scope requirements and proposal received from vendors. As a result, the team has strategically scheduled the majority of detailed engineering activities for 2025 to ensure alignment with revised financial and execution plans. Key preparatory work includes geotechnical investigations, environmental field assessments, and real estate planning. This work will be initiated to support the engineering phase and facilitate timely project advancement.
	PNY Phase 1 - Trans Line - 949 Rebuild	*-*	*1,682*	*195*	*304*	*499*	*1,727*	*2,227*	*2,227*	*545*	*32%*	Updated vendor proposals have been received for the detailed engineering scope of work and supporting needs like geotechnical evaluations and permitting needs. These proposals reflect higher costs than previously estimated, resulting in a need for additional funding in 2025 to proceed with the work. The scope remains scheduled for completion within the year and will contribute to an increase in total capital expenditures for 2025.

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

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	PNY Phase 1 - Lounsberry 115/12.5 kV Substation Full Rebuil	-	2,811	(370)	331	(39)	2,389	2,350	2,350	(461)	-16%	The project is currently forecasting slightly lower expenditures following a comprehensive budget re-evaluation aligned with current scope requirements and proposal received from vendors. As a result, the team has strategically scheduled the majority of engineering activities to start in 2026 to ensure alignment with revised financial and execution plans. The team is also pursuing a different contract procurement method, the team has decided to procure engineering and construction activities under a single contract, this process will take longer to procure on the frontend of the project, ultimately pushing the design phase from 2025 to 2026, but will allow us to expedite the construction and project closeout.
	PNY Phase 1 - Trans Line - 946 Rebuild	-	1,871	177	423	600	1,773	2,373	2,373	502	27%	Updated vendor proposals have been received for the detailed engineering scope of work and supporting needs like geotechnical evaluations and permitting needs. These proposals reflect higher costs than previously estimated, resulting in a need for additional funding in 2025 to proceed with the work. The scope remains scheduled for completion within the year and will contribute to an increase in total capital expenditures for 2025.
	PNY Phase 1 - Clarks Corners	-	11,854	600	(219)	381	1,750	2,130	2,130	(9,724)	-82%	The project was originally scheduled to begin construction in 2025. Earlier this year it was discovered that the existing Article VII Certificate would need to be amended thereby causing the construction schedule to move to 2026.
	PNY Phase 1 - Trans Line - 982 Rebuild	-	1,015	96	268	365	2,222	2,586	2,586	1,571	155%	The project is currently forecasting higher expenditures following a comprehensive budget re-evaluation aligned with current scope requirements and proposal received from vendors. As a result, the team has strategically scheduled the majority of detailed engineering activities for 2025 to ensure alignment with revised financial and execution plans. Key preparatory work includes geotechnical investigations, environmental field assessments, and real estate planning. This work will be initiated to support the engineering phase and facilitate timely project advancement.
	PNY Phase 1 - Oakdale Westover Solution	-	65,973	4,109	4,625	8,734	8,348	17,082	17,082	(48,891)	-74%	Material procurement for Oakdale subprojects were paused in 2024, resulting in a shift of procurement milestones beyond 2025, As a result, planned 2025 activities and payments for equipment and materials will not occur until future years. Commerce Substation progress was delayed due to a revised permitting strategy and extended time taken to incorporate design improvements, pushing planned 2025 work later in the schedule.
	PNY Phase 1 - Trans Line - 945 Reroute	-	1,543	152	135	287	1,307	1,594	1,594	52	3%	
	Robinson Road 230/115/34.5 kV Substation Upgrades	-	-	-	-	-	68	68	68	68	N/A	
	Coddington 115/34.5 kV Substation Upgrades	-	-	-	-	-	13	13	13	13	N/A	
	Etna 115/34.5/4.8 kV Substation Full Rebuild	-	-	-	2	2	-	2	2	2	N/A	
	PNY Phase 1 - South Owego Upgrades	-	-	-	-	-	336	336	336	336	N/A	
	All Other- PNY Phase 1	-	-	-	-	-	-	-	-	-	N/A	
146	Ithaca Electrification Phase 1 Projects	10,000	10,698	692	1,525	2,217	6,617	8,833	(1,167)	(1,865)	-17%	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026 on Fourth St SS
	Ithaca Electrification Project Phase 1	10,000	590	-	-	-	-	-	(10,000)	(590)	-100%	
	West Hill SS	-	1,632	138	238	376	1,208	1,584	1,584	(48)	-3%	
	Trumansburg SS	-	964	165	138	304	1,319	1,622	1,622	658	68%	The additional investment in 2025 is for the civil work that was anticipated in 2026.
	Cayuga Heights SS	-	1,314	168	162	330	1,040	1,370	1,370	56	4%	
	Fourth St SS	-	6,198	221	986	1,207	3,050	4,257	4,257	(1,941)	-31%	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.
	All Other-ITHA1	-	-	-	-	-	-	-	-	-	N/A	

NYSEG Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
147	Ithaca Reliability Projects Phase 2 (Electrification)	10,000	-	-	-	-	-	-	(10,000)	-	N/A	
148	All Other Clean Energy Transformation	-	-	-	-	-	-	-	-	-	N/A	
149	**Total Clean Energy Transformation**	212,628	119,276	7,963	8,933	16,897	35,743	52,639	(159,989)	(66,637)	-56%	
150	**ELECTRIC: AMI**											
151	NYSEG - AMI Project	36,043	36,438	18,270	20,706	38,976	13,014	51,990	15,947	15,552	43%	The number of installations was higher than in JP, resulting in increased labor and material costs. Additional opt-out costs also incurred, which increased the actual project cost.
152	AMI Project Growth	-	7,641	6,306	88	6,394	727	7,121	7,121	(520)	-7%	This project is included in the overall AMI Project line item above
153	**Total AMI**	36,043	44,079	24,576	20,794	45,370	13,741	59,111	23,068	15,032	34%	
154	**TOTAL - ELECTRIC**	780,613	779,981	144,356	164,157	308,514	461,105	769,619	(10,994)	(10,363)	-1%	

Appendix 2 - RG&E Electric and Generation Budget Variance Detail

RGE Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
1	**ELECTRIC: Asset Condition**											
2	RGE T&S Asset Condition Replacement Program	5,000	-	-	-	-	-	-	(5,000)	-	N/A	
3	Station 29 Modernization Project	0	159	36	38	74	76	150	150	(9)	-6%	
4	RGE - Pole Replace (WPIT) Program	5,290	5,371	773	837	1,610	3,948	5,558	268	187	3%	
5	Station 82 Upgrades	6,752	521	59	63	122	149	270	(6,482)	(251)	-48%	
6	Station 37 Modernization Project	0	221	50	53	103	106	209	209	(12)	-5%	
7	Station 43 Circuit Upgrades	-	8,016	438	1,733	2,171	3,819	5,990	5,990	(2,026)	-25%	Project is under plan due to the Design changes. Revised and more efficient scope was studied and finalized in Q1 2025. Instead of the complete conversion of all six circuits from 4kV to 12kV, all six circuits will be strategically partially converted to 12kV and step down to 4kV for the remainder of the circuit to gain the maximum benefit for the cost.
8	Station 34 Modernization Project	(0)	126	28	30	59	61	119	120	(7)	-5%	
9	Station 156 Circuit Upgrades	8,155	4,197	1,076	915	1,991	2,363	4,354	(3,801)	157	4%	
10	Station 192 Circuit Upgrades	-	5,974	47	486	533	4,636	5,169	5,169	(805)	-13%	The forecast was reduced based on re-estimation done at the completion of the design. The remaining funds have been re-purposed for the Station 210 Circuit Upgrades Project.
11	Station 5 Substation Mod D	6,459	9,078	2,264	2,634	4,898	4,336	9,235	2,776	156	2%	
12	RGE - Electric Ops (Line Insp CAP)	2,000	1,841	244	513	757	1,242	1,999	(1)	158	9%	
13	RGE PCB Transformer Replacements	1,857	1,713	-	-	-	1,712	1,712	(145)	(1)	0%	
14	RGE URD Replacement Program	2,500	2,309	1,318	1,401	2,719	1,646	4,365	1,865	2,055	89%	The variance is due to the work associated with unplanned various Orchard Grove projects where actual costs are coming in higher than estimate due to new inspections and field conditions.
15	RGE - Subst Major Capital	704	1,091	12	22	34	973	1,007	303	(84)	-8%	
16	RGE - Subst Minor Capital	793	806	186	215	401	494	895	101	89	11%	
17	RGE - UG Cable Replacements	2,121	3,266	1,079	615	1,693	2,000	3,693	1,572	427	13%	The variance for UG Cable is due to several unplanned projects nearing completion. Additionally, Prevailing wage has led to higher costs than originally forecasted.
18	TLD Replacements Program and Projects	2,500	2,514	233	576	809	2,330	3,140	640	626	25%	Work planned under the Transmission Line category identified to address and correct Asset Condition issues within the TLD group.
	TLD Replacements RGE	*2,500*	*1,114*	*9*	*46*	*55*	*856*	*911*	*(1,589)*	*(203)*	*-18%*	The RG&E TLD Program has been split into separate projects per joint proposal requirements. Between the 701 and 795 Circuits
	TLD Replacements-RGE-L701	*-*	*1,000*	*17*	*21*	*38*	*844*	*882*	*882*	*(118)*	*-12%*	Specific TLD project delineated from the program
	TLD Replacements-RGE-L795	*-*	*400*	*0*	*0*	*-*	*347*	*347*	*347*	*(53)*	*-13%*	
	TLD Ops (Trans line)	*-*	*-*	*207*	*509*	*716*	*284*	*1,000*	*1,000*	*1,000*	*N/A*	Work planned under the Transmission Line category identified to address and correct Asset Condition issues within the TLD group.
	All Other-TLD	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
19	General Equipment - OPS-T&D	408	1,049	527	170	697	356	1,053	645	4	0%	
20	General Equipment - OPS-SO	87	321	59	36	95	226	321	234	0	0%	
21	Battery Prog RGE	417	902	321	172	493	429	922	505	20	2%	
22	NYPA Fiber 4 SS Project	-	-	-	110	110	-	110	110	110	N/A	
23	RGE Station 5 - Transmission Line Upgrades	-	4,055	9	22	31	981	1,012	1,012	(3,043)	-75%	In 2024, prioritizing substation work and refining the scope of line work led to a reduced 2025 forecast for Station 5 Lines. These funds have been re-purposed for a distribution reliability project in Canandaigua Division and the Brighton Arc Lighting project.
24	RGE Line 920 Replacement Prj Cap	-	-	30	157	187	1,279	1,466	1,466	1,466	N/A	The L920 cable replacement is an emergent system project needed to replace a recent 115 kV cable failure, and was therefore not in plan. The RG&E Transmission Reinforcements Program has been used to fund the project in 2025.
25	Spare Power Transformer Program and Projects	-	6,215	10	399	409	851	1,260	1,260	(4,955)	-80%	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.
	RGE 001 Spare Tx Pgm 120-13.2kV 22.4MVA	*-*	*1,960*	*5*	*200*	*205*	*425*	*630*	*630*	*(1,329)*	*-68%*	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.

RGE Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
	RGE 002 Spare Tx Pgm 120-13.2kV 22.4MVA	*-*	*1,960*	*5*	*199*	*204*	*425*	*630*	*630*	*(1,330)*	*-68%*	Contract negotiations with the transformer vendor concluded in May 2025 causing the timing of some of the milestone payments to shift into 2026. The ISD remains unchanged.
	RGE 003 SprTxPgm 34.5-12.5/4kV 22.4MVA	*-*	*765*	*-*	*-*	*-*	*-*	*-*	*-*	*(765)*	*-100%*	
	RGE 004 SprTxPgm 115-34.5/12.5kV 20MVA	*-*	*765*	*-*	*-*	*-*	*-*	*-*	*-*	*(765)*	*-100%*	
	RGE 005 SprTxPgm 115-34.5/12.5kV 20MVA	*-*	*765*	*-*	*-*	*-*	*-*	*-*	*-*	*(765)*	*-100%*	
	All Other-SPTX	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
26	Station 192 Trans Facilities Upgrade	7,079	6,464	619	1,203	1,822	4,758	6,579	(499)	115	2%	
27	Station 43 Modernization Project	8,411	-	-	-	-	-	-	(8,411)	-	N/A	
28	All Other Asset Condition Replacement	-	-	0	9	9	0	9	9	9	N/A	
29	**Total Asset Condition**	60,533	66,211	9,416	12,410	21,826	38,770	60,596	63	(5,615)	-8%	
30	**ELECTRIC: Customer Focus**											
31	RGE Dist Line	11,639	12,055	4,408	4,491	8,899	3,931	12,830	1,190	774	6%	
32	RGE - Gov't Highway Majors CAP	1,695	4,570	(296)	(2)	(298)	3,555	3,257	1,562	(1,313)	-29%	The variance resulted from using funds from Gov't HW Majors to offset costs associated with Gov't HW Minors Projects below.
33	RGE - Gov't HW	9,319	1,956	(649)	2,122	1,474	1,924	3,398	(5,921)	1,441	74%	The variance is due to the work associated with the unplanned various Mandated City Mill projects and the 2026 City Jobs Survey work that are currently underway or near completion.
34	Make Ready	15,000	26,215	4,560	5,209	9,770	9,890	19,660	4,660	(6,555)	-25%	The variance is due to the actual volume of RGE Pole attachments being lower than originally anticipated, based on the third-party attachers not completing work.
35	RGE - Res Line	5,264	5,474	1,322	2,555	3,877	1,993	5,870	606	395	7%	
36	Town of Brighton Arc-Lighting Circuit	3,320	3,135	240	840	1,080	6,122	7,202	3,882	4,067	130%	2025 construction activities are being accelerated to make up for work not completed in 2024 due to permit delays.
37	RGE - Serv Conn	3,395	3,715	1,385	1,074	2,459	1,863	4,322	927	607	16%	This program is primarily used for simple service connections. Program is forecasted to exceed the plan based on YTD spend and 3 - year historical trend higher customer connection demand. This program is reactive to customer requests made in year.
38	RGE - Ind/Comm	3,211	3,454	1,117	1,253	2,370	1,669	4,039	828	585	17%	This program is primarily used for industrial commercial customer connections. Program is forecasted to exceed the plan based on YTD spend and 3 - year historical trend higher customer connection demand. This program is reactive to customer requests made in year.
39	RGE - Trans line	1,095	1,922	192	471	663	263	926	(169)	(996)	-52%	Work planned under the Transmission Line category identified to address and correct Asset Condition issues within the TLD group.
40	Aqueduct Re-Imagined	7,000	787	49	39	88	60	149	(6,851)	(639)	-81%	
41	RGE CAPEX EL Meters	645	560	48	204	253	280	533	(112)	(27)	-5%	
42	RGE - Street Light	322	1,035	572	362	934	1,660	2,594	2,272	1,559	151%	This program is forecasted to exceed the plan due to additional street light activity transition to capital program from General Construction fund.
43	RGE LED Streetlighting	-	0	0	0	0	0	0	0	0	8%	
44	Community Distributed Generaton Billing Program	-	-	-	-	-	0	0	0	0	N/A	
45	Community Distributed Generation Billing Phase II	-	1,224	74	575	648	795	1,443	1,443	219	18%	The updated projection is based on the expected timing of milestone payments due to our system integrator which differs from the original projected timing of the milestone payments.
46	Statewide Solar for All - NY	-	1,320	4	8	12	356	368	368	(952)	-72%	Estimates from the most recent technical reassessment of the project, performed after the initial project estimate, are significantly less in cost. Deliverables are milestone based, so external expenses are charged to project upon milestone completion.
47	RGE STORM ELECTRIC	97	2,844	1,366	326	1,692	1,796	3,488	3,391	643	23%	RGE has experienced 1 major storm July YTD which is 23% higher than the 5-year historical average form a CapEx perspective.
48	F101368 LINE TRANSFORMERS ELECTRIC DISTRIBUTIOI	-	-	1,075	1,502	2,577	(2,121)	456	456	456	N/A	
49	All Other Customer Focus	245	-	1,979	5,299	7,278	(5,659)	1,619	1,374	1,619	N/A	
50	**Total Customer Focus**	62,246	70,267	17,449	26,328	43,777	28,377	72,153	9,908	1,886	3%	

RGE Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
51	**ELECTRIC: Modernization**											
52	MV90/IEE Service Mode	307	1,194	-	-	-	1,194	1,194	887	-	0%	
53	Application Interface Upgrades RGE	20	55	1	1	2	53	55	35	0	0%	
54	REV - Electric Vehicles	901	1,904	3	102	105	1,335	1,440	539	(464)	-24%	Timing: large influx of DCFC projects awaiting engineering review prior to installation.
55	EMS/ADMS Deployment	100	151	-	-	-	57	57	(43)	(94)	-62%	
56	RGE DSIP - Advanced Planning Tools	-	88	1	1	2	44	46	46	(42)	-48%	
57	SMSI Field Deployment - RG&E	207	207	-	-	-	207	207	(0)	-	0%	
58	PCMS Renewal Project	-	817	-	-	-	59	59	59	(759)	-93%	
59	Networks ECTRM	-	10	-	-	-	-	-	-	(10)	-100%	
60	All Other Modernization	246	-	3	4	7	634	641	395	641	N/A	
61	**Total Modernization**	1,781	4,427	8	108	115	3,583	3,698	1,917	(729)	-16%	
62	**ELECTRIC: Innovation**											
63	RG&E IEDR Phase II	-	1,654	534	605	1,139	1,074	2,213	2,213	560	34%	Original 5yr plan did not incorporate overhead charges. The revised budget includes overhead charges for internal labor and external services which is driving the variance. Project is on track to invest the total amount projected for the year.
64	CYME Server - Hardware & Software RG&E	-	44	-	-	-	30	30	30	(14)	-32%	
65	Distributed Energy Resource Management System (DERMS)	1,269	-	-	-	-	-	-	(1,269)	-	N/A	
66	RGE DSIP - GIS Enhancements GMEP	3,510	3,384	288	1,454	1,742	1,782	3,525	14	141	4%	
67	NY Spectrum HW Refresh CapEx	-	-	70	76	145	672	818	818	818	N/A	
68	All Other Innovation	-	100	4	4	8	100	108	108	8	8%	
69	**Total Innovation**	4,779	5,182	895	2,139	3,034	3,659	6,693	1,914	1,511	29%	
70	**ELECTRIC: Reliability**											
71	Distribution Load Relief Program and Projects	1,000	3,787	(175)	1,214	1,040	2,644	3,684	2,684	(103)	-3%	
	RG&E Distribution Load Relief Program	*1,000*	*2,000*	*-*	*-*	*-*	*-*	*-*	*(1,000)*	*(2,000)*	*-100%*	The RGE Distribution Load Relief Program serves as the funding source for individual Load Relief projects. The $2M dollars for the RGE load relief program will be allocated between the Station 416 ($1.5M) and Station 174 ($0.5M) projects. The Station 174 project is currently in execution and the Station 416 Project has started execution activities.
	Station 416 Load Relief	*-*	*-*	*(7)*	*32*	*25*	*1,471*	*1,496*	*1,496*	*1,496*	*N/A*	Station 416 is an emergent project that will address capacity concerns in Henrietta NY. This project is part of the break out from the Load Relief Program. The project has started execution and has an expected in service date of Q3 2027.
	Station 71 Transformer Bank 2 Replacement	*-*	*1,787*	*(168)*	*1,101*	*933*	*713*	*1,646*	*1,646*	*(141)*	*-8%*	
	RGE Distribution Load Relief - Station 174	*-*	*-*	*-*	*81*	*81*	*461*	*542*	*542*	*542*	*N/A*	
	All Other-DLR	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
72	Transmission Reinforcement Program and Projects	3,000	3,000	-	-	-	-	-	(3,000)	(3,000)	-100%	The RG&E Transmission Reinforcement Program serves as a source of funding for transmission reliability projects and is used as a funding source for these type of projects. This $3M variance is a result of allocating these funds to the emergent 115 kV Line 920 Project ($1.7M) as well as the Station 117 Load Relief Project ($0.5M). The remaining funds are planned to be utilized on projects that are prioritized to benefit RGE system SAIFI.
	RGE Transmission Reinforcement Program	*3,000*	*3,000*	*-*	*-*	*-*	*-*	*-*	*(3,000)*	*(3,000)*	*-100%*	The RG&E Transmission Reinforcement Program serves as a source of funding for transmission reliability projects and is used as a funding source for these type of projects. This $3M variance is a result of allocating these funds to the emergent 115 kV Line 920 Project ($1.7M) as well as the Station 117 Load Relief Project ($0.5M). The remaining funds are planned to be utilized on projects that are prioritized to benefit RGE system SAIFI.
	All Other-TRP	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	

RGE Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
73	Comprehensive Area Studies Projects	1,330	1,300	-	-	-	-	-	(1,330)	(1,300)	-100%	The Comprehensive Areas Studies Program serves as a source of funding for area reliability/capacity projects. This $1.3M variance was a result of allocating $0.5M of these funds for the Station 255 BIM Modeling Initiative and the remaining $0.8M in funding will be utilized on projects that are prioritized to benefit RGE system SAIFI.
	RGE CAS Greece	*1,330*	*1,300*	*-*	*-*	*-*	*-*	*-*	*(1,330)*	*(1,300)*	*-100%*	*The Comprehensive Areas Studies Program serves as a source of funding for area reliability/capacity projects. This $1.3M variance was a result of allocating $0.5M of these funds for the Station 255 BIM Modeling Initiative and the remaining $0.8M in funding will be utilized on projects that are prioritized to benefit RGE system SAIFI.*
	All Other-CAS	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
74	Breaker Replacement Program and Projects	3,877	10,261	1,442	1,826	3,267	7,033	10,300	6,423	39	0%	
	RGE - Breaker Replacement Program	*3,877*	*3,368*	*1,442*	*1,818*	*3,260*	*3,587*	*6,846*	*2,969*	*3,478*	*103%*	Plan for 2025 (program and new subprojects) is $10.2M CAPEX. Program $8M and new subprojects $2.2M. Program execution is being continuously monitored, and we are prepared to make necessary adjustments to stay aligned with the 2025 budget targets.
	Circuit Breaker Replacement - Station 418 Ph2	*-*	*-*	*-*	*-*	*-*	*2*	*2*	*2*	*2*	*N/A*	
	Circuit Breaker Replacement - Station 13A	*-*	*1,080*	*-*	*-*	*-*	*175*	*175*	*175*	*(905)*	*-84%*	*At the beginning of 2025, we faced substantial execution gaps due to adjustments in IP and governance process. Funding for this project was secured in May 2025. The project is currently being executed on an accelerated timeline; however, delays have arisen due to extended lead times for certain materials and funds availability of framework agreements. Our team remains committed to closely monitoring program execution and making the necessary adjustments to stay aligned with our 2025 goals.*
	Circuit Breaker Replacement - Station 178	*-*	*700*	*-*	*-*	*-*	*189*	*189*	*189*	*(511)*	*-73%*	
	Circuit Breaker Replacement - Station 48	*-*	*2,440*	*-*	*-*	*-*	*-*	*-*	*-*	*(2,440)*	*-100%*	*At the beginning of 2025, we faced substantial execution gaps due to adjustments in IP and governance process. Funding for this project was secured in May 2025. The project is currently being executed on an accelerated timeline; however, delays have arisen due to extended lead times for certain materials and funds availability of framework agreements. Our team remains committed to closely monitoring program execution and making the necessary adjustments to stay aligned with our 2025 goals.*
	Circuit Breaker Replacement - Station 67	*-*	*909*	*-*	*-*	*-*	*195*	*195*	*195*	*(714)*	*-79%*	
	Circuit Breaker Replacement - Station 418 Ph1	*-*	*318*	*-*	*-*	*-*	*-*	*-*	*-*	*(318)*	*-100%*	
	Circuit Breaker Replacement - Station 33	*-*	*691*	*-*	*-*	*-*	*315*	*315*	*315*	*(376)*	*-54%*	
	Circuit Breaker Replacement - Station 195	*-*	*756*	*-*	*8*	*8*	*375*	*382*	*382*	*(374)*	*-49%*	
	All Other-CBR	*-*	*-*	*-*	*-*	*-*	*2,196*	*2,196*	*2,196*	*2,196*	*N/A*	
75	Betterments Electric Projects	6,563	2,623	97	1,227	1,324	2,746	4,070	(2,493)	1,447	55%	Additional spend for project 0143CF5146
	RGE - Elec Better	*6,563*	*2,623*	*144*	*785*	*929*	*456*	*1,385*	*(5,178)*	*(1,238)*	*-47%*	The Betterments Program was used as a funding source for individual projects greater then $500K. These projects were broken out and forecasted as individual line items. The remaining funds within the program will be used to fund smaller projects (<$500K). To date, 3 smaller projects have been kicked off and RGE is anticipated to meet year end forecasts for Betterments.
	RGE 2024 Betterment - Station 49 Circuit 408	*-*	*-*	*4*	*442*	*445*	*126*	*572*	*572*	*572*	*N/A*	
	RGE 2025 Betterment - 0143CF5146	*-*	*-*	*-*	*-*	*-*	*1,009*	*1,009*	*1,009*	*1,009*	*N/A*	*This is an individual betterment project that is funded from the Betterments Program.*
	All Other-BET	*-*	*-*	*-*	*-*	*-*	*1,155*	*1,155*	*1,155*	*1,155*	*N/A*	

RGE Electric and Generation June 30, 2025 Project Variance Detail and Explanations

	A	B	C	D	E	H	I	J	K	L	M	N
No	Capital Project or Category	JP Appendix R 2025 ($000)	5YR Plan 2025 ($000)	1Q 2025 ($000)	2Q 2025 ($000)	YTD Actual 2025 ($000)	Remaining Year Projection 2025 ($000)	Actual + Remaining Projection ($000)	Variance to JP ($000)	Variance to 5YR Plan ($000)	Percent Variance	Variance to 5YR Plan Explanation
76	RGE Animal Guards	1,108	1,031	57	419	476	781	1,257	149	226	22%	Program is trending slightly above target spend, but this is enabling us to not only complete the 2025 work plan as scheduled, but also make progress beyond the original plan.
77	Station 210 - Circuit Upgrades	16,598	604	326	397	723	1,155	1,878	(14,720)	1,274	211%	Due to outage constraints in 2024, the revised plan is to complete the remainder of construction activities and energize the distribution circuits in 2025. Pushing construction from 2024 into 2025 has increased 2025 forecasts.
78	GMI-Station 168 Srvc Area Reinforcements D	3	6,845	1,734	2,847	4,581	3,922	8,503	8,500	1,658	24%	Plan year is over plan due to delays in energization, these delays stem from issues found during testing and commissioning of the transformer and GIS, this has pushed in service date of the station and has increased the cost. The project team is working to fix all issues in field and testing and commissioning has remobilized in the month of July.
79	Replace DC Pilot Wire System	-	4,170	207	465	672	1,319	1,991	1,991	(2,179)	-52%	The Pilot Wire Program has been split into separate projects per joint proposal requirements. Between Phase 1 and Phase 2, the program will maintain a $4M investment in 2025.
80	Webster Projects	16,302	17,499	2,646	2,272	4,918	16,421	21,339	5,037	3,840	22%	The RG&E Webster Area Solution (Lines) has been split into separate projects per joint proposal requirements. Between Lines 750, 778, and 798 the program will invest $11.1M. The variance from the planned $8.1M can be explained by a savings on contractor labor for cable pulling, while also expediting cable deliveries into 2025
	New TL 812 & DL 418	*16.302*	*-*	*72*	*83*	*155*	*138*	*293*	*(16,009)*	*293*	*N/A*	
	Line 750 Uprate	*-*	*8,166*	*233*	*939*	*1,173*	*4,490*	*5,663*	*5,663*	*(2,504)*	*-31%*	The RG&E Webster Area Solution (Lines) has been split into separate projects per joint proposal requirements. Between Lines 750, 778, and 798 the program will invest $11.1M. The variance from the planned $8.1M can be explained by a savings on contractor labor for cable pulling, while also expediting cable deliveries into 2025. Specifically for Line 750, the variance from the planned $8.1M is a result of savings on contractor labor for cable pulling.
	Line 798 Uprate	*-*	*-*	*9*	*10*	*20*	*2,986*	*3,006*	*3,006*	*3,006*	*N/A*	The RG&E Webster Area Solution (Lines) has been split into separate projects per joint proposal requirements. Between Lines 750, 778, and 798 the program will invest $11.1M. The variance from the planned $8.1M can be explained by a savings on contractor labor for cable pulling, while also expediting cable deliveries into 2025. Specifically for Line 798, the variance from the planned $0.0M to $3.0M for L798 is a result of expediting cable deliveries into 2025.
	Line 778 Uprate - Station 42 to 43	*-*	*-*	*767*	*55*	*822*	*1,678*	*2,500*	*2,500*	*2,500*	*N/A*	The RG&E Webster Area Solution (Lines) has been split into separate projects per joint proposal requirements. Between Lines 750, 778, and 798 the program will invest $11.1M. The variance from the planned $8.1M can be explained by a savings on contractor labor for cable pulling, while also expediting cable deliveries into 2025. Specifically for Line 778, the variance from the planned $0.0M to $2.5 M is a result of expediting duct bank installation and cable deliveries into 2025.
	Station 55 34.5/12kV Rebuild	*-*	*-*	*5*	*5*	*10*	*10*	*19*	*19*	*19*	*N/A*	
	Station 73 Distribution Upgrades	*-*	*-*	*1*	*1*	*1*	*1*	*3*	*3*	*3*	*N/A*	

RGE Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
	Webster Project - Station 55	*-*	*9,333*	*1,392*	*162*	*1,553*	*1,420*	*2,973*	*2,973*	*(6,360)*	*-68%*	The RG&E Webster Area Solution (Substation) has been split into separate projects per joint proposal requirements. Between Stations 55, 62, 73, 42, 420, and 424 the program will maintain a $9.3M investment in 2025 as planned.
	Webster Project - Station 73	*-*	*-*	*48*	*106*	*154*	*1,422*	*1,576*	*1,576*	*1,576*	*N/A*	The RG&E Webster Area Solution (Substation) has been split into separate projects per joint proposal requirements. Between Stations 55, 62, 73, 42, 420, and 424 the program will maintain a $9.3M investment in 2025 as planned.
	Webster Project - Station 62	*-*	*-*	*81*	*732*	*813*	*2,949*	*3,762*	*3,762*	*3,762*	*N/A*	The RG&E Webster Area Solution (Substation) has been split into separate projects per joint proposal requirements. Between Stations 55, 62, 73, 42, 420, and 424 the program will maintain a $9.3M investment in 2025 as planned.
	Webster Project - Station 42	*-*	*-*	*12*	*527*	*539*	*920*	*1,459*	*1,459*	*1,459*	*N/A*	The RG&E Webster Area Solution (Substation) has been split into separate projects per joint proposal requirements. Between Stations 55, 62, 73, 42, 420, and 424 the program will maintain a $9.3M investment in 2025 as planned.
	Webster Project - Station 420	*-*	*-*	*13*	*56*	*70*	*166*	*236*	*236*	*236*	*N/A*	
	All Other-WBST	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
81	Station 255 12 kV Yard Addition to Proactive Planning - Station	-	-	45	144	190	2,414	2,603	2,603	2,603	N/A	The project is exceeding plan due to not in being included in P25, it is a project that originated in the Proactive Planning Urgent Projects Filing. The project addresses system constraints for contingency violations as well as addresses electrification and economic development demands for the local area.
82	RGE New York Coordinated Grid Planning Process	-	-	13	22	34	-	34	34	34	N/A	
83	Station 117	5,296	311	65	70	135	139	275	(5,021)	(37)	-12%	
84	Station 117 Circuit Upgrades	318	-	-	4	4	722	726	408	726	N/A	
85	Station 46 - Circuit 261	-	2,996	3	3	6	61	67	67	(2,929)	-98%	Project is under plan due to the Design changes. Revised and more efficient scope, in which RG&E strategically partially converts circuits from 4kV to 12kV and step down to 4kV for the remainder of the circuit to gain the maximum benefit for the cost, will be finalized in 2025. The 2025 funds have been re-purposed to begin the execution of the Station 255 Capacity Project in Henrietta.
86	Station 46 - Replace #1 #3 Transf. Banks D	16,445	260	1,230	314	1,544	192	1,737	(14,708)	1,477	567%	Due to outage availability constraints in 2024, the revised plan is to complete the remainder of construction activities the station in 2025. Pushing construction from 2024 into 2025 has increased 2025 forecasts.
87	Station 51	46	5,500	394	603	997	4,457	5,454	5,408	(46)	-1%	
88	Circuit Sensor Implementation - RGE	-	1,882	(215)	(2)	(216)	-	(216)	(216)	(2,099)	-111%	The overhead project is complete, all the feasible line sensor installations in RGE were completed in November 2024 . The project executed a total of 231 line sensors across 77 circuits. The remaining funds are being used for deploying meters within RGE SCADA Program at the Substation level for those underground circuits.
89	Pilot Wire Phase 2 Remaining	-	-	-	109	109	2,293	2,402	2,402	2,402	N/A	The Pilot Wire Program has been split into separate projects per joint proposal requirements. Between Phase 1 and Phase 2, the program will maintain a $4M investment in 2025.
90	All Other Reliability	530	-	456	40	495	694	1,190	660	1,190	N/A	
91	**Total Reliability**	72,416	62,070	8,326	11,973	20,299	46,995	67,294	(5,122)	5,224	N/A	

RGE Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
92	**ELECTRIC: Resiliency**											
93	Resiliency Program and Projects	9,873	9,491	2,917	1,598	4,515	5,379	9,894	21	404	4%	
	Resiliency	*9,873*	*1,974*	*1,199*	*114*	*1,312*	*1,077*	*2,389*	*(7,484)*	*415*	*21%*	This project encompasses the execution of RGE Resiliency 0117RO5187—the last legacy initiative under the Resiliency Program prior to the breakout of individual projects. Currently nearing completion, it is slated for an in-service date in Q3 2025. Forecasted costs exceed the five-year plan due to expanded construction scope and increased regulatory coordination related to boring activities beneath Highway 490.
	RGE Resiliency 0418RO5198/5199	*-*	*4,947*	*232*	*780*	*1,012*	*3,892*	*4,904*	*4,904*	*(43)*	*-1%*	
	RGE Resiliency 0419RO5120	*-*	*2,570*	*1,476*	*67*	*1,542*	*410*	*1,953*	*1,953*	*(617)*	*-24%*	RGE Resiliency 0419RO5120 remains an active project with an anticipated in-service date in Q4 2026. Engineering has been completed, and long-lead items have been received. Efforts are underway to accelerate the installation of reclosers in support of meeting our SAIFI performance goals, with construction plan to begin in late Q3. Due to the acceleration, year-end forecast is expected to further align with the five-year plan of $2.57M for RGE Resiliency 0419RO5120 in 2025.
	All Other-RES	*-*	*-*	*11*	*637*	*649*	*-*	*649*	*649*	*649*	*N/A*	
94	SCADA/Automation RGE	1,846	7,032	633	1,330	1,963	5,051	7,014	5,168	(19)	0%	
95	Trip Saver	488	1,384	1	246	247	1,227	1,475	987	91	7%	
96	Distribution Automation Program and Projects	2,415	2,173	207	545	752	1,264	2,016	(398)	(156)	-7%	
	Distribution Automation - RGE	*2,415*	*1*	*34*	*(392)*	*(358)*	*-*	*(358)*	*(2,772)*	*(358)*	*-59728%*	
	RGE Automation - Central	*-*	*2,172*	*173*	*937*	*1,110*	*1,264*	*2,374*	*2,374*	*202*	*9%*	
	All Other-DA	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
97	All Other Resiliency	-	-	-	-	-	-	-	-	-	N/A	
98	**Total Resiliency**	14,621	20,080	3,758	3,719	7,477	12,922	20,399	5,778	319	N/A	
99	**ELECTRIC: Compliance**											
100	Bulk Electric System (BES) Projects	43,186	38,551	4,325	3,306	7,630	15,969	23,599	(19,586)	(14,951)	-39%	This was the program roll-up for the individual projects below. This was due to transitioning the BES projects to a more granular structure in SAP to support external reporting requirements. Line 949 Planned spend for the project was reforecast to future years because of further aligned coordination with railroad permits and state approval of Article VII Construction Plan.
	RGE BES Program - FERC Compliance	*43,186*	*-*	*175*	*165*	*340*	*-*	*340*	*(42,846)*	*340*	*N/A*	
	BES - Line 949 115 kV Line Addition	*-*	*37,443*	*1,480*	*1,477*	*2,957*	*11,717*	*14,674*	*14,674*	*(22,769)*	*-61%*	Planned spend for the project was forecasted to future years because of further aligned coordination with railroad permits and state approval of Article VII Construction Plan.
	BES - 947 Line Upgrade	*-*	*646*	*128*	*123*	*251*	*354*	*605*	*605*	*(41)*	*-6%*	
	BES - Hook Rd Upgrades (ST 127)	*-*	*462*	*2,481*	*1,485*	*3,966*	*3,427*	*7,392*	*7,392*	*6,930*	*1499%*	Outages originally scheduled in 2024 were cancelled to mitigate transmission outage risk and rescheduled for 2025. Associated outage and above groundwork were moved to 2025. Total project cost increased due to increased construction costs associated with the project extension, including mobilizations, total project cost increased
	BES - Station 056 Reconfiguration	*-*	*-*	*61*	*56*	*117*	*472*	*588*	*588*	*588*	*N/A*	
	All Other-BES	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
101	RG&E FERC 2222	-	699	15	57	72	363	435	435	(264)	-38%	
102	FERC 881 Regulatory Compliance RGE	-	1,458	131	91	222	972	1,194	1,194	(265)	-18%	The variance continues to be attributed to delays in external services such as schedule changes with the EMS enhancements and the selection of a new AAR calculation software provider following the original provider's closure.
103	RGE DER-ICCP connection to NYISO	-	120	-	-	-	-	-	-	(120)	-100%	
104	IT-OT NERC CIP Asset Transition	-	456	80	184	264	610	874	874	418	92%	
105	RG&E FIRE PROTECTION TRANSMISSION	-	991	-	-	-	590	590	590	(401)	-40%	
106	NERC Compliance Program - RGE	-	1,251	-	-	-	-	-	-	(1,251)	-100%	Project Sponsor P&C team have determined there is no scope of work to execute for compliance for RGE.
107	Cost Sharing 2.0	3,000	3,000	-	-	-	-	-	(3,000)	(3,000)	-100%	No applicable developer projects identified.
108	All Other Compliance	-	-	-	166	166	-	166	166	166	N/A	
109	**Total Compliance**	46,186	46,525	4,551	3,803	8,354	18,504	26,858	(19,328)	(19,668)	N/A	

RGE Electric and Generation June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
110	**ELECTRIC: Hydro-Generation**											
111	Hydro Generation Station 2 Modernization Project	14,857	1,458	163	255	418	884	1,302	(13,556)	(157)	-11%	Project below plan as RG&E planned to complete geotechnical investigation on site in Q2 2025, that has been delayed while RG&E receives required permits for on site work.
112	RG&E Minor Capital Program	1,500	1,484	397	460	857	1,501	2,358	858	874	59%	Project exceeds plan due to RG&E initiating additional dam safety/personnel safety projects in 2025 than originally anticipated, such as RG&E S2 CAD Gate 4 Cable and Gate Sheave Upgrade Project.
113	Station 5 Intake Stop Log Gantry Upgrade Project	5	391	337	862	1,199	364	1,563	1,557	1,171	299%	Project exceeds plan as RG&E's construction contractor had stoplog fabrication delays in Q4 2024, which resulted in additional unforeseen construction spend in 2025.
114	Station 2 Central Ave Dam Superstructure Modernization	488	655	5	13	18	169	186	(301)	(469)	-72%	
115	Station 5 Headgates / Dam Project	-	(363)	34	56	90	97	187	187	550	-151%	
116	Station 5 Gate 3 Rubplate, Rubplate and Breastwall Seal Upgra	3,740	6,091	231	1,391	1,623	5,561	7,184	3,444	1,092	18%	Project exceeds Plan as RG&E's construction contractor mobilized to site in Q2 2025 and is progressing construction in 2025 further than originally expected. Construction will be completed in 2026.
117	RGE Production	-	587	132	141	273	282	555	555	(32)	-5%	
118	S160 Toe Scour Upgrade Project	-	-	0	0	0	-	0	0	0	N/A	
119	Station 2 Generator Protection and Controls Upgrade Project	121	347	-	-	-	-	-	(121)	(347)	-100%	
120	Station 26 Generator Protection and Controls Upgrade Project	121	-	-	-	-	-	-	(121)	-	N/A	
121	Station 5 Gate 2 Rubplate, Bottom Seal, Hinge Upgrade and Re	467	-	-	-	-	-	-	(467)	-	N/A	
122	Station 5 Generation Protection and Controls Upgrade Project	-	1,114	27	55	82	325	407	407	(707)	-63%	Project below plan as RG&E Substations group will now be completing generator protection and controls upgrades in the RG&E Station 5 Substation Modernization Project, which was originally included in this project's plan/scope.
123	Station 5 Old House Stabilization Project	-	791	29	161	190	366	556	556	(236)	-30%	
124	Station 5 Powerhouse Access Road Soldier Wall Installation Pr	-	454	-	-	-	-	-	-	(454)	-100%	
125	Station 5 Powerhouse Rock Scaling and Stabilization Project	-	443	1	30	31	386	417	417	(26)	-6%	
126	Station 5 Powerhouse Turbine-Generator Rotating Equipment C	-	-	24	31	56	111	167	167	167	N/A	
127	Station 5 Unit 3 Turbine-Generator New Turbine Isolation Valve	-	415	-	-	-	-	-	-	(415)	-100%	
128	Station 5 Water Conveyance (Tunnel) System Project	-	414	-	-	-	-	-	-	(414)	-100%	
129	All Other Hydro	319	157	24	25	49	85	134	(185)	(24)	-15%	
130	**Total Hydro-Generation**	21,618	14,440	1,404	3,480	4,885	10,130	15,015	(6,604)	575	4%	
131	**ELECTRIC: AMI**											
132	RGE - AMI Project	12,958	18,422	886	2,443	3,329	8,793	12,122	(836)	(6,301)	-34%	
133	AMI Project Growth	-	4,282	3,720	-	3,720	71	3,791	3,791	(492)	-11%	This project is included in the overall AMI Project line item above
134	**Total AMI**	12,958	22,704	4,605	2,443	7,049	8,863	15,912	2,954	(6,792)	-30%	
135	**TOTAL - ELECTRIC**	297,138	311,907	50,412	66,404	116,816	171,802	288,618	(8,521)	(23,289)	-7%	

Appendix 3 - NYSEG Gas Budget Variance Detail

NYSEG Gas June 30, 2025 Project Variance Detail and Explanations

	A	B	C	D	E	H	I	J	K	L	M	N
No	Capital Project or Category	JP Appendix R 2025 ($000)	5YR Plan 2025 ($000)	1Q 2025 ($000)	2Q 2025 ($000)	YTD Actual 2025 ($000)	Remaining Year Projection 2025 ($000)	Actual + Remaining Projection ($000)	Variance to JP ($000)	Variance to 5YR Plan ($000)	Percent Variance	Variance to 5YR Plan Explanation
1	**GAS: Asset Condition**											
2	NYSEG Dist Main Replacement	4,382	6,186	390	885	1,275	3,535	4,811	429	(1,376)	-22%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for 5YR Plan has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
3	NYSEG Gas Operations Departmental	899	1,196	329	460	789	407	1,196	296	0	0%	
4	Reg Mod & Auto Program and Projects	3,053	3,135	475	904	1,379	2,260	3,639	586	504	16%	Construction award was higher than the original estimate.
	NYSEG Reg Mod & Auto Pgm GRMP	*3,053*	*3,135*	*467*	*894*	*1,360*	*2,241*	*3,601*	*548*	*466*	*15%*	Construction award was higher than the original estimate.
	Vienna Road Regulator Station GRMP	-	-	*9*	*10*	*19*	*19*	*38*	*38*	*38*	*N/A*	
	All Other-GRMP	-	-	-	-	-	-	-	-	-	*N/A*	
5	Walkill River Crossing Non LPM	-	-	30	4	33	-	33	33	33	N/A	
6	Beltline Norwich Regulator Station	-	1,652	8	62	70	2,148	2,218	2,218	567	34%	Construction award was higher than the original estimate.
7	All Other Asset Condition	-	-	-	-	-	-	-	-	-	N/A	
8	**Total Asset Condition**	8,334	12,169	1,233	2,314	3,547	8,350	11,897	3,563	(272)	-2%	
9	**GAS: Mandatory**											
10	NYSEG New Services	3,967	4,051	596	717	1,313	1,506	2,819	(1,148)	(1,231)	-30%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for 5YR Plan has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
11	NYSEG Dist Mains New Business	3,713	5,115	199	273	472	2,266	2,738	(974)	(2,377)	-46%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for 5YR Plan has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
12	NYSEG Non LP Srv Repl Program	3,920	6,458	298	849	1,148	2,769	3,916	(4)	(2,542)	-39%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for 5YR Plan has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
13	NYSEG CAPEX Gas Meters	2,702	2,964	386	458	844	1,482	2,326	(376)	(637)	-22%	Timing of PSC meter exchange/sample program. Meters being installed with ERTs are currently being charged to the AMI Project.
14	NYSEG Government Jobs	1,037	1,482	(14)	553	538	764	1,302	265	(180)	-12%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for 5YR Plan has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
15	Large Government Jobs - NYSEG	648	909	-	-	-	196	196	(453)	(713)	-78%	No Large Government jobs this year
16	NYSEG CAPEX Regulators	425	425	25	125	150	200	350	(75)	(75)	-18%	
17	All Other Mandatory	-	59	(11)	12	0	105	106	106	47	79%	
18	**Total Mandatory**	16,413	21,463	1,479	2,987	4,466	9,288	13,754	(2,659)	(7,709)	-36%	

NYSEG Gas June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
19	**GAS: Modernization**											
20	Remote Telemetry Unit (RTU) Replace Prog	-	-	2	2	3	-	3	3	3	N/A	
21	Networks ECTRM	-	10	-	-	-	-	-	-	(10)	-100%	
22	NYSEG CGI Standardization Program	-	229	-	-	-	229	229	229	0	0%	
23	All Other Modernization	-	-	-	-	-	-	-	-	-	N/A	
24	**Total Modernization**	-	239	2	2	3	229	232	232	(7)	-3%	
25	**GAS: Reliability**											
26	Leak Prone Pipe Replace Program and Projects	32,663	48,903	2,249	9,553	11,802	25,367	37,169	4,506	(11,734)	-24%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for 5YR Plan has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	NYSEG Leak Prone Pipe Replace Prog - LPP	*29,213*	*35,518*	*1,668*	*7,759*	*9,427*	*18,371*	*27,798*	*(1,415)*	*(7,720)*	*-22%*	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for 5YR Plan has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	Boswell Hill 124 Psig Bare Steel LPP	*3,450*	*11,729*	*428*	*1,560*	*1,987*	*3,618*	*5,606*	*2,156*	*(6,123)*	*-52%*	Scope has been redefined for 2025. Project budget reflects updated scope requirements for 2025.
	Winney Hill LPM 45#	*-*	*-*	*0*	*0*	*0*	*-*	*0*	*0*	*0*	*N/A*	
	Delaware River Crossing Walton Ph2 LPM	*-*	*-*	*46*	*54*	*99*	*-*	*99*	*99*	*99*	*N/A*	
	Mitchell St Norwich LPM	*-*	*1,656*	*108*	*202*	*310*	*2,974*	*3,284*	*3,284*	*1,628*	*98%*	Construction award was higher than the original estimate.
	Walton Lateral Phase III LPM Replacement	*-*	*-*	*-*	*-*	*-*	*403*	*403*	*403*	*403*	*N/A*	
	All Other-LPP	*-*	*-*	*0*	*(22)*	*(21)*	*-*	*(21)*	*(21)*	*(21)*	*N/A*	
27	NYSEG Leak Prone Srv Repl Program	7,011	9,945	605	1,543	2,149	3,995	6,144	(867)	(3,801)	-38%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
28	Hebron Station/Line J Retirement	6,336	5,086	25	1,007	1,032	5,305	6,338	2	1,252	25%	Construction award was higher than the original estimate.
29	Winney Hill RS Rebuild CAPEX	-	-	12	17	29	-	29	29	29	N/A	
30	Low Pressure Relief Valve Program	250	254	4	33	37	242	279	28	25	10%	
31	Critical Valve Installations, Binghamton	85	90	-	23	23	597	619	534	530	591%	
32	CM 50, 52 & 53 (DeRuyter) Article VII	-	-	51	58	109	-	109	109	109	N/A	
33	All Other Reliability	-	-	(9)	73	64	60	124	124	124	N/A	
34	**Total Reliability**	46,346	64,277	2,938	12,307	15,245	35,566	50,811	4,465	(13,467)	-21%	
35	**GAS: AMI**											
36	NYSEG - AMI Project	9,229	6,218	2,403	5,504	7,907	4,477	12,383	3,154	6,166	99%	The number of installations was higher than in JP, resulting in increased labor, Overheads and material costs. Additional opt-out costs also incurred, which increased the actual project cost.
37	AMI Project Growth	-	1,503	1,779	38	1,817	142	1,959	1,959	456	30%	This project is included in the overall AMI Project line item above
38	**Total AMI**	9,229	7,720	4,182	5,542	9,724	4,618	14,342	5,113	6,622	86%	
39	**TOTAL - GAS**	80,322	105,868	9,833	23,151	32,985	58,051	91,036	10,714	(14,832)	-14%	

Appendix 4 - RG&E Gas Budget Variance Detail

RGE Gas June 30, 2025 Project Variance Detail and Explanations

	A	B	C	D	E	H	I	J	K	L	M	N
No	Capital Project or Category	JP Appendix R 2025 ($000)	5YR Plan 2025 ($000)	1Q 2025 ($000)	2Q 2025 ($000)	YTD Actual 2025 ($000)	Remaining Year Projection 2025 ($000)	Actual + Remaining Projection ($000)	Variance to JP ($000)	Variance to 5YR Plan ($000)	Percent Variance	Variance to 5YR Plan Explanation
1	**GAS: Asset Condition**											
2	Caledonia Station Rebuild	-	-	5	5	10	10	20	20	20	N/A	
3	CM-1 Pipeline: Section 4 Chili GS to Bal	-	-	27	29	57	58	115	115	115	N/A	
4	Mendon Gate Station	11,511	11,033	673	1,687	2,360	10,409	12,769	1,259	1,736	16%	Project is over due to construction estimates higher than originally forecasted and budget has been revised to reflect changes.
5	RGE Dist Main Replacement	1,972	3,278	52	206	258	3,094	3,351	1,379	74	2%	
	Mt Read (SF115 psig) Main Replacement	-	-	-	-	-	-	-	-	-	N/A	
6	RGE Gas Operations Departmental	308	594	22	32	54	540	594	286	0	0%	
7	Reg Mod & Auto Program and Projects	5,534	7,057	199	1,628	1,827	3,233	5,060	(474)	(1,997)	-28%	Project is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	RGE Reg Mod & Auto Pgm GRMP	*5,534*	*6,999*	*186*	*1,614*	*1,800*	*3,205*	*5,005*	*(528)*	*(1,994)*	*-28%*	Project is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	RS 369 East Station Rebuild GRMP	*-*	*58*	*13*	*14*	*27*	*28*	*55*	*55*	*(3)*	*-5%*	
	All Other GRMP	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	Industrial Gas Service Replacement - RGE	-	-	-	-	-	-	-	-	-	N/A	
	CM-1_ Paul Rd to Buffalo Rd	-	-	-	-	-	-	-	-	-	N/A	
	Rebuild Station 449 - Valentown Rd & CR9	-	-	-	-	-	-	-	-	-	N/A	
8	All Other Asset Condition	-	-	20	16	36	(78)	(43)	(43)	(43)	N/A	
9	**Total Asset Condition**	19,324	21,962	998	3,603	4,601	17,266	21,866	2,542	(95)	0%	
10	**GAS: Mandatory**											
11	RGE Dist Mains New Business	2,124	3,728	608	835	1,443	2,819	4,262	2,139	535	14%	Higher demand for gas main extensions to new customers.
12	RGE CAPEX Gas Meters	3,341	3,299	1,073	772	1,845	1,649	3,494	153	195	6%	
13	RGE New Services	2,006	2,247	444	1,091	1,535	392	1,928	(78)	(320)	-14%	Project is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
14	Large Government Jobs - RG&E	2,210	3,388	-	-	-	-	-	(2,210)	(3,388)	-100%	No Large Government jobs this year
15	RGE Non LP Srv Repl Program	2,012	3,265	292	589	881	1,803	2,684	672	(581)	-18%	Project is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
16	RGE Government Jobs	1,150	2,068	43	242	285	1,312	1,597	447	(471)	-23%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
17	RGE CAPEX Regulators	150	160	51	80	131	92	223	73	63	39%	
	Rt 15 Corridor Safety Enhancements	-	-	-	-	-	-	-	-	-	N/A	
	Thruway Park/Hendrix Rd Short Segment	-	-	-	-	-	-	-	-	-	N/A	
	Burben Way Short Segment	-	-	-	-	-	-	-	-	-	N/A	
	900, 920 Penfield-Walworth Rd Short Seg	-	-	-	-	-	-	-	-	-	N/A	
18	All Other Mandatory	-	4	4	3	6	22	28	28	24	579%	
19	**Total Mandatory**	12,992	18,158	2,514	3,612	6,126	8,089	14,215	1,224	(3,943)	-22%	

RGE Gas June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
20	**GAS: Modernization**											
	RGE Gas SCADA Control Room Upgrades	-	-	-	-	-	-	-	-	-	N/A	
	Gas Transportation Sys Software Upgrade	-	-	-	-	-	-	-	-	-	N/A	
21	Networks ECTRM	-	10	-	-	-	-	-	-	(10)	-100%	
22	RGE CGI Standardization Program	-	108	-	-	-	108	108	108	-	0%	
	RGE Track & Traceability Functionality	-	-	-	-	-	-	-	-	-	N/A	
	RGE - Gas SCADA Upgrade	-	-	-	-	-	-	-	-	-	N/A	
	RGE OQ/Training Equipment	-	-	-	-	-	-	-	-	-	N/A	
23	All Other Modernization	-	-	-	-	-	-	-	-	-	N/A	
24	**Total Modernization**	-	118	-	-	-	108	108	108	(10)	-8%	
25	**GAS: Reliability**		-									
26	Leak Prone Pipe Replace Program and Projects	20,125	33,857	3,369	7,757	11,126	17,258	28,384	8,259	(5,473)	-16%	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	RG&E Leak Prone Pipe Replace Prog - LPP	*20,125*	*23,494*	*2,986*	*6,679*	*9,665*	*9,631*	*19,296*	*(829)*	*(4,198)*	*-18%*	Program is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	Ridge Rd Ph 1 LPP	*-*	*-*	*372*	*839*	*1,211*	*1,065*	*2,276*	*2,276*	*2,276*	*N/A*	Emergent project being separated from the Leak Prone Pipe replacement program due to the total cost exceeding the threshold.
	LPP_Paul Road	*-*	*46*	*10*	*11*	*22*	*-*	*22*	*22*	*(25)*	*-53%*	
	East Ave LPM	*-*	*3,279*	*-*	*-*	*-*	*1,289*	*1,289*	*1,289*	*(1,990)*	*-61%*	Project is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	Panorama Trl Group Ph 2 LPM	*-*	*2,069*	*-*	*12*	*12*	*1,668*	*1,680*	*1,680*	*(389)*	*-19%*	Project is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	S Clinton Ave Ph 1 LPM	*-*	*4,968*	*-*	*216*	*216*	*3,606*	*3,822*	*3,822*	*(1,146)*	*-23%*	Project is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	LPP_Maple St Phase I	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_Jay St	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_Fairport Rd	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_Monroe Ave Phase I	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_Winton Rd South	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_Empire Blvd	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_Buffalo Rd	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP Paul Road (Airport)	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_East River Rd	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_Maple St Phase II	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	LPP_Ridgeway Ave Phase II	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*-*	*N/A*	
	All Other-LPM	*-*	*-*	*0*	*0*	*0*	*-*	*0*	*0*	*0*	*N/A*	
27	RG&E Leak Prone Srv Repl Program	3,944	6,676	450	1,102	1,552	3,537	5,090	1,146	(1,587)	-24%	Project is under plan as the actual impact of the NYS prevailing wage law was less than expected in 2024, and thus the forecast for has been reduced. The actual lower impact of the prevailing wage law (made effective Sept. 2023) was not contemplated in the budget plan by the time of its submission in June, 2024.
	MF120 Eastern Monroe, State Rd, Gas Main	-	-	-	-	-	-	-	-	-	N/A	

RGE Gas June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
	MF60 SE Phase IV (Crowley Rd)	-	-	-	-	-	-	-	-	-	N/A	
28	MF60 SE Phase III (Malone Rd)	-	11	2	3	5	5	10	10	(1)	-5%	
29	MF60 SE Phase I (Mendon Gate - Rte 64)	-	10	2	2	5	5	9	9	(1)	-5%	
30	Pavilion System Semi-Perm Peaking Tap	-	-	-	-	-	58	58	58	58	N/A	
	MF60 NW System Improvement - Phase I	-	-	-	-	-	-	-	-	-	N/A	
	MF60 NW System Improvement - Phase II	-	-	-	-	-	-	-	-	-	N/A	
	Village of LeRoy System Improvement	-	-	-	-	-	-	-	-	-	N/A	
	CM-2 Article VII	-	-	-	-	-	-	-	-	-	N/A	
	Portable LNG Emergency Skid	-	-	-	-	-	-	-	-	-	N/A	
	Portable CNG Emergency Skid	-	-	-	-	-	-	-	-	-	N/A	
	RGE Cathodic Protection on LPP	-	-	-	-	-	-	-	-	-	N/A	
31	All Other Reliability	-	-	54	78	132	0	132	132	132	N/A	
32	**Total Reliability**	24,069	40,554	3,877	8,943	12,820	20,863	33,683	9,614	(6,870)	-17%	
33	**GAS: AMI**											
34	RGE - AMI Project	7,445	6,632	4,334	6,064	10,397	8,361	18,758	11,313	12,126	183%	The number of installations was higher than in JP, resulting in increased labor, Overheads and material costs. Additional opt-out costs also incurred, which increased the actual project cost.
35	AMI Project Growth	-	1,088	1,199	146	1,345	292	1,637	1,637	549	50%	This project is included in the overall AMI Project line item above
36	**Total AMI**	7,445	7,719	5,532	6,210	11,742	8,652	20,395	12,950	12,675	164%	
37	**TOTAL - GAS**	63,830	88,511	12,922	22,367	35,289	54,979	90,268	26,438	1,757	2%	

Appendix 5 - NYSEG Common Budget Variance Detail

NYSEG Common June 30, 2025 Project Variance Detail and Explanations

	A	B	C	D	E	H	I	J	K	L	M	N
No	Capital Project or Category	JP Appendix R 2025 ($000)	5YR Plan 2025 ($000)	1Q 2,025 ($000)	2Q 2,025 ($000)	YTD Actual 2,025 ($000)	Remaining Year 2025 ($000)	Actual + Projection 2025 ($000)	Variance to JP ($000)	Variance to 5YR Plan ($000)	Percent Variance	Variance to 5YR Plan Explanation
1	**COMMON: Buildings and Facilities**											
2	NYSEG Binghamton Service Center Projects	-	1,000	5	6	11	-	11	11	(989)	-99%	Planning bucket - Funding transferred to the Binghamton Service Center Asphalt major capital project.
3	NYSEG Minor Projects	3,500	3,163	678	664	1,342	5,431	6,773	3,273	3,610	114%	Increase in dollars for Minors is a result of reallocating smaller projects (below $500K) under the umbrella of Minor Projects.
4	NYSEG Solar Panels	3,000	-	-	-	-	-	-	(3,000)	-	N/A	
5	NYSEG EV Chargers	3,250	200	0	0	0	50	50	(3,200)	(150)	-75%	
6	NYSEG Consolidation Ithaca	500	500	9	4	13	-	13	(487)	(487)	-97%	
7	NYSEG Liberty Service Center Projects	-	1,000	4	5	9	341	350	350	(650)	-65%	Planning bucket - Funding transferred to the Brewster HVAC major capital project.
8	NYSEG BMS System	750	750	(47)	91	44	696	739	(11)	(11)	-1%	
9	NYSEG Auburn Service Center Projects	-	300	2	2	4	-	4	4	(296)	-99%	
10	NYSEG Geneva Service Center Projects	1,500	800	(162)	12	(150)	258	108	(1,392)	(692)	-87%	Planning bucket - Funding transferred to the following major capital projects: Geneva Above Ground Tank, Geneva HVAC upgrades, Brewster Generator and KGO Parking lot upgrades.
11	NYSEG Brewster Service Center Projects	500	900	11	88	99	-	99	(401)	(801)	-89%	Planning bucket - Funding transferred to the following major capital projects: Brewster Truck Garage and ECC Office Realignment Distribution.
12	NYSEG Walton Service Center Projects	-	500	3	1	4	-	4	4	(496)	-99%	
13	NYSEG Oneonta Service Center Projects	1,500	500	3	1	4	-	4	(1,496)	(496)	-99%	
14	NYSEG Mechanicville Service Center Projects	600	600	23	26	49	369	418	(182)	(182)	-30%	
15	NYSEG Hamburg Operations Center Projects	750	750	-	-	-	-	-	(750)	(750)	-100%	Planning bucket - Funding transferred to the following major capital projects: Brewster Generator, ECC Office Realignment Distribution and NYSEG Minors.
16	NYSEG ECC Projects	325	525	78	13	91	-	91	(234)	(434)	-83%	
17	NYSEG KGO Projects	100	900	138	224	363	587	950	850	50	6%	
18	NYSEG Lancaster Service Center Projects	1,500	1,000	(390)	400	9	-	9	(1,491)	(991)	-99%	Planning bucket - Funding transferred to the NYSEG Minors project.
19	NYSEG Elmira Service Center Projects	100	1,000	12	5	17	-	17	(83)	(983)	-98%	Planning bucket - Funding transferred to the NYSEG Minors project.
20	NYSEG Long Lake Building Expansion	250	350	3	9	12	96	108	(142)	(242)	-69%	
21	NYSEG Plattsburgh Service Center	-	400	177	(35)	142	433	575	575	175	44%	
22	NYSEG Lockport Service Center Projects	-	350	13	16	29	232	261	261	(89)	-26%	
23	NYSEG Hornell Service Center Projects	300	600	14	16	30	270	300	(0)	(300)	-50%	
24	NYSEG Geneva Service Center West Projects	-	-	-	-	-	0	0	0	0	N/A	
25	NYSEG Lancaster Service Center Garage Projects	350	250	-	-	-	-	-	(350)	(250)	-100%	
26	NYSEG Norwich Operations Center Projects	50	200	-	-	-	0	0	(50)	(200)	-100%	
27	NYSEG Stamford Operations Center Projects	150	150	-	-	-	0	0	(150)	(150)	-100%	
28	NYSEG Geneva HVAC & Lighting Upgrades	-	600	-	-	-	-	-	-	(600)	-100%	
29	NYSEG KGO Cooling Tower Replacement	-	1,000	2	2	4	996	1,000	1,000	0	0%	
30	NYSEG Norwich Truck Storage	-	800	2	1	3	19	22	22	(778)	-97%	Project cancelled - funding transferred to NYSEG KGO Parking Lot Upgrade
31	NYSEG Dansville Service Center	-	400	15	23	38	62	100	100	(300)	-75%	
32	NYSEG NY Call Center Insourcing Buildout	-	-	-	-	-	0	0	0	0	N/A	
33	NYSEG KGO Parking Lot Upgrade	-	-	-	-	-	1,200	1,200	1,200	1,200	N/A	Newly identified project. The parking lot was determined to be at end of life. Both poor conditions and safety concerns.
34	NYSEG Binghamton Service Center Asphalt	-	-	-	-	-	1,000	1,000	1,000	1,000	N/A	Newly identified project. The parking lot was determined to be at end of life. Both poor conditions and safety concerns.
35	NYSEG ECC Office Realignment Distribution	-	-	-	64	64	1,233	1,297	1,297	1,297	N/A	Newly identified project, the renovation is designed to enhance operational efficiency, improve resiliency, and support the integration of advanced technologies in grid management.
36	All Other Buildings and Facilities	278	-	(67)	1,085	1,018	3,403	4,421	4,143	4,421	N/A	
37	**Total Buildings and Facilities**	19,253	19,488	524	2,724	3,249	16,677	19,926	22,736	438	2%	

NYSEG Common June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2,025 ($000)	E 2Q 2,025 ($000)	H YTD Actual 2,025 ($000)	I Remaining Year 2025 ($000)	J Actual + Projection 2025 ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
38	**COMMON: Customer Service**											
39	NYSEG - Regulatory Driven Efforts / Rate Case	912	6,060	421	55	476	1,887	2,363	1,451	(3,697)	-61%	The Customer Service Regulatory major projects have been broken out to individual projects from this annual program. This includes the Electric Vehicle Phase In Rates, which has been included in the Electric Modernization category. There are additional efforts originally in the 2025 scope that are likely deferred to 2026 based on the latest regulatory priorities.
40	Energy Manager Enhancements	100	701	18	99	118	333	451	351	(250)	-36%	
41	NYSEG CAPEX Lab Equipment	250	250	6	16	22	226	248	(2)	(2)	-1%	
42	Orchestration Platform - Customer Journey	-	-	-	-	-	0	0	0	0	N/A	
43	IDP MFA Solution Implementation	-	734	29	52	81	202	283	283	(451)	-61%	
44	New IVR and Voice Solution	-	2,074	393	580	973	2,113	3,086	3,086	1,012	49%	Additional capitalized software licenses are required for our outsourced contact center vendors per the terms of the contract signed with our new IVR vendor. Additionally, the initial scope was to use our new IVR vendor as our telecom carrier, but during the discovery phase it was determined that they are unable to meet our requirements as telecom carrier so we are engaging a third party.
45	S/4 HANA Implementation	-	6,244	612	335	947	3,981	4,929	4,929	(1,316)	-21%	Delay in onboarding the system integrator.
46	CRM Front Office Improvements - NY	-	1,356	245	295	540	728	1,267	1,267	(89)	-7%	
47	NYSEG Energy Manager Implementation	-	100	83	96	179	254	433	433	333	333%	
48	High Bill High Usage Customer Experience Redesign	-	-	92	213	304	712	1,016	1,016	1,016	N/A	This project was broken out from the annual program Customer Journey Improvements
49	Digital Tech Stack Lifecycle and Upgrades	-	364	15	141	156	146	302	302	(62)	-17%	
50	Customer Journey Improvements	-	4,977	89	1,453	1,542	1,301	2,843	2,843	(2,134)	-43%	Two projects were broken out from this annual program High Bill High Usage Customer Experience Redesign & Mobile App Redesign
51	NYSEG CapEx Software Subscriptions	-	620	-	-	-	611	611	611	(9)	-1%	
52	RPA Customer Service	-	412	27	253	280	206	486	486	75	18%	
53	SAP Testing Automation and Enhancements	-	352	9	258	267	176	444	444	91	26%	
54	Customer Service Generative AI	-	855	99	197	296	406	703	703	(153)	-18%	The project started two months later than planned due to timing of budgetary approval.
55	eQuality Management System (QMS)	-	836	6	385	392	452	844	844	8	1%	
56	Legacy Apps Technology Transformation-NY	-	1,685	14	121	135	418	553	553	(1,132)	-67%	We gained efficiencies and were able to apply optimizations that resulted in savings by leveraging generative AI technologies.
57	Mobile App Redesign	-	-	-	252	252	725	978	978	978	N/A	This project was broken out from the annual program Customer Journey Improvements
58	IVR System Upgrades and Enhancements Program	-	-	-	-	-	0	0	0	0	N/A	
59	Generative AI Upgrades and Enhancements Program	-	-	-	-	-	0	0	0	0	N/A	
60	Customer Service Analytics	-	715	116	83	199	508	707	707	(8)	-1%	
61	NACHA Compliance and EBPP Improvements - NY	-	189	68	108	176	241	417	417	228	121%	
62	All Other Customer Service	-	-	14	(196)	(182)	0	(182)	(182)	(182)	N/A	
63	**Total Customer Service**	1,262	28,525	2,357	4,798	7,156	15,626	22,781	35,681	(5,744)	-20%	
64	**COMMON: Fleet**											
65	NYSEG Fleet Replacement Program	18,875	18,875	(249)	4,090	3,840	15,035	18,875	0	(0)	0%	
66	NYSEG Global Telematics Solution	-	-	1	2	3	-	3	3	3	N/A	
67	All Other Fleet	-	-	-	-	-	-	-	-	-	N/A	
68	**Total Fleet**	18,875	18,875	(248)	4,091	3,843	15,035	18,878	22,718	3	0%	

NYSEG Common June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2,025 ($000)	E 2Q 2,025 ($000)	H YTD Actual 2,025 ($000)	I Remaining Year 2025 ($000)	J Actual + Projection 2025 ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
69	**COMMON: Information Technology**											
70	Client Project Requests and Integration Projects - NYSEG	8,784	945	-	-	-	0	0	(8,784)	(945)	-100%	Internal client request budget. Funds have been allocated to requested IT projects: AGR-NET-24-IT-06-Mobility Apps Enhancement-NYSEG and AGR-NET-24-IT-04- Supply Chain Digitization - NYSEG. No actuals will accrue on this project.
71	AGR - IOC-NET-END USER LC-NYSEG	1,100	1,238	629	699	1,328	5	1,334	233	95	8%	
72	AGR - IOC-WINTEL LC-NYSEG	839	839	277	159	436	459	895	56	56	7%	
73	AGR - IOC-UNIX LC-NYSEG	925	925	134	86	220	126	346	(579)	(579)	-63%	There is less infrastructure replacement required with migration to cloud. Funding has been allocated to AGR-TAS-25-PAT-SYSMNG ControlM EV-NYSEG.
74	AGR - IOC-STORAGE LC-NYSEG	724	724	113	45	157	485	642	(82)	(82)	-11%	
75	SAP Enhancements	828	-	-	-	-	-	-	(828)	-	N/A	
76	AGR - IOC-NETENG LC-NYSEG	588	588	58	30	87	1,001	1,088	500	500	85%	More equipment identified as reaching end of life than originally included. Funds came from Azure subscription which finished in 2024
77	AGR-GIS Utility Network Model Implementation - NYSEG	801	-	-	-	-	-	-	(801)	-	N/A	
78	AGR-2022-NET-CS-02-Digital Journey EDB Transformation-N\`	-	-	39	31	70	0	70	70	70	N/A	
79	AGR - IOC-NETSEC LC-NYSEG	280	280	3	53	56	424	480	200	200	71%	
80	AGR-NET-23-SG-01-Esri UN Deployment-NYSEG	-	3,170	2	39	41	786	827	827	(2,343)	-74%	Delays due to negotiations over Terms and Conditions, Code of Ethics, and MSA with vendor responsible for the Architecture Design. Project budget partially moved to different projects including: AGR-NET-23-OP-04-NY Gas Inspections - NYSEG, AGR-TAS-25-PAT-SYSMNG_ControlM_EV-NYSEG, AGR-IOC-WINTEL LC-NYSEG, Open Text Cloud Implementation - NYSEG, Gen AI Data Strategy - NYSEG and Gen AI Cloud Subscriptions - NYSEG.
81	AGR-NET-23-OP-04-NY Gas Inspections - NYSEG	-	-	67	120	187	117	304	304	304	N/A	
82	AWS SW Cloud Subscription - NYSEG	-	-	-	-	-	0	0	0	0	N/A	
83	Azure SW Cloud Subscription - NYSEG	-	545	-	-	-	-	-	-	(545)	-100%	
84	AGR-TAS-25-PAT-SYSMNG_ControlM_EV-NYSEG	-	-	-	22	22	779	800	800	800	N/A	The initiative was originally scoped and submitted as part of the 2025 budget cycle. However, it was not reflected in the final 5-year investment plan. The project was initially scheduled to begin in December 2025 and conclude by October 2027. Given the project's estimated 33-week duration, it became essential to initiate work in 2025 to ensure completion within 2026.
85	Monitoring Improvement - NYSEG	-	-	-	-	-	0	0	0	0	N/A	
86	ServiceNow ITIL-ITOM PPM SECOPS SW Cloud Subscription	-	-	394	-	394	0	394	394	394	N/A	
87	INSIGHT - RED HAT SW Cloud Subscription - NYSEG	-	-	-	-	-	0	0	0	0	N/A	
88	ControlM SW Cloud Subscription - NYSEG	-	-	-	-	-	0	0	0	0	N/A	
89	NTT - Liferay SW Cloud Subscription - NYSEG	-	-	-	-	-	0	0	0	0	N/A	
90	GIS Environment SW Cloud Subscriptions - NYSEG	-	-	-	-	-	0	0	0	0	N/A	
91	AGR-TAS-25-Nutanix_EV-NYSEG	-	-	-	-	-	479	479	479	479	N/A	
92	Infrastructure Security - NYSEG	-	388	-	-	-	0	0	0	(388)	-100%	
93	AGR-IOC-NET-END USER LC-MFD-NYSEG	-	-	-	-	-	61	61	61	61	N/A	
94	AGR-NET-24-IT-01-Global S4Hana-NYSEG	-	1,995	14	38	52	307	359	359	(1,636)	-82%	The Global S4Hana implementation was initially scheduled to start in early 2025. However, following Iberdrola's plan, the project will now complete the assessment phase by Q2. Consequently, the go-live date has been postponed to early 2030. As a result, the project did not meet the original forecast.
95	AGR-NET-24-IT-04- Supply Chain Digitization - NYSEG	-	517	0	0	0	416	416	416	(101)	-19%	
96	AGR-NET-24-IT-06- Mobility Apps Enhancement-NYSEG	-	252	63	57	120	745	864	864	612	243%	Budget added to Mobility Apps Enhancement to cover cost of the regulatory requirements identified by the business under Field Workforce Mobility and Field Force applications.
97	IT SW Cloud Subscriptions - NYSEG	-	661	(1,172)	-	(1,172)	-	(1,172)	(1,172)	(1,833)	-277%	$1.172M posted in December 2024 as part of a 5-year software contract. The business team was having issues with deliverables from the vendor which resulted in -$1.172M in Q1 2025. The business team recently terminated the agreement after 1-year and another credit will post in August 2025 for the year 2 and 3 payments that are no longer going to be made.

NYSEG Common June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2,025 ($000)	E 2Q 2,025 ($000)	H YTD Actual 2,025 ($000)	I Remaining Year 2025 ($000)	J Actual + Projection 2025 ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
98	Open Text Cloud Subscriptions - NYSEG	-	265	-	-	-	265	265	265	0	0%	
99	Open Text Cloud Implementation - NYSEG	-	158	-	-	-	484	484	484	326	207%	
100	Bentley Projectwise SW Cloud Subscription - NYSEG	-	-	-	-	-	0	0	0	0	N/A	
101	AGR-TAS-25-MOBILE TECH_LC-NYSEG	-	-	-	-	-	68	68	68	68	N/A	
102	All Other-1	-	-	-	-	-	603	603	603	603	N/A	
103	All Other-2	388	-	123	1	124	0	124	(264)	124	N/A	
104	**Total Information Technology**	15,258	13,490	742	1,380	2,122	7,608	9,730	15,612	(3,759)	-28%	
105	**COMMON: Operational Smart Grids**											
106	NYSEG ECC Life cycle	1,250	800	162	357	519	511	1,030	(220)	230	29%	The variance is primarily driven by the need to upgrade communication protocols for several NYSEG RTUs. This became necessary after our telecommunications vendor notified us that they will no longer support the existing 4-wire communication circuits, including those serving bulk stations. To maintain system reliability and ensure continued connectivity, the project scope was expanded to include these critical upgrades in 2025.
107	NYSEG OMS Enhancements	375	375	-	120	120	253	373	(2)	(2)	0%	
108	NYSEG OMS Alignment Spectrum	250	250	-	-	-	250	250	-	-	0%	
109	ECS Infrastructure Firewalls NYSEG	2,061	250	6	1	6	-	6	(2,055)	(244)	-98%	
110	ECS Infrastructure NYSEG	-	3,256	821	192	1,013	3	1,016	1,016	(2,240)	-69%	Jan-Jun Actuals for carryover equipment purchased in P24; received in P25. This program Jul-Dec will be broken out into separate Programs - Checkpoint, CISCO, Platform Services and Data Center Lifecycle. Anticipating overall plan to be under plan by YE due to adjusted requirements for CISCO and Checkpoint include consolidating like equipment into more cost effective higher capacity devices and, fully utilizing hardware capabilities for virtualized network infrastructure, We reduced the number of devices needed while still maintaining functionality. This approach lowers overall costs and minimizes hardware footprint without compromising system performance.
111	ASD Infrastructure NYSEG	-	2,886	428	186	614	1	615	615	(2,271)	-79%	Jan-Jun Actuals for ASD/ICT Resources and Carryover equipment purchased in P24; received in P25. This program Jul-Dec will be broken out into separate Programs - Checkpoint, CISCO, Platform Services and Data Center Lifecycle. Anticipating overall plan to be under plan by YE due to adjusted requirements for CISCO and Checkpoint include consolidating like equipment into more cost effective higher capacity devices and, fully utilizing hardware capabilities for virtualized network infrastructure, We reduced the number of devices needed while still maintaining functionality. This approach lowers overall costs and minimizes hardware footprint without compromising system performance.
112	Data Center Lifecycle	-	-	-	-	-	220	220	220	220	N/A	
113	Networking Gear Lifecycle	-	-	-	-	-	552	552	552	552	N/A	
114	Platform Services Lifecycle	-	-	-	-	-	309	309	309	309	N/A	
115	Global Cybersecurity Directors Plan NYSEG	727	4,972	253	77	330	(430)	(100)	(827)	(5,072)	-102%	Global Cybersecurity Directors plan has been broken out into separate projects, reflected below (OTNow/OTAccess).
116	ASD Infrastructure Firewalls NYSEG	-	1,398	(19)	0	(19)	-	(19)	(19)	(1,416)	-101%	This program was broken out into separate Programs, End Point Protection, Tripwire, Gigamon/Garland and other Detection Tools. Overall, anticipating to be under plan due to detailed requirements being put together for a multi-year agreement and taking longer than planned.
117	DRAGOS NYSEG	238	-	4	(4)	(0)	-	(0)	(238)	(0)	N/A	

NYSEG Common June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2,025 ($000)	E 2Q 2,025 ($000)	H YTD Actual 2,025 ($000)	I Remaining Year 2025 ($000)	J Actual + Projection 2025 ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
118	Telecomm Infrastructure	5,981	7,031	574	851	1,424	3,929	5,354	(627)	(1,677)	-24%	We've created separate projects (Carrier Ethernet Replacement & SONET Replacement) which comprise the variance. Those projects are being tracked under separate IDs. We're on track to meet our adjusted target for this program.
119	Telecomm Fiber	2,625	3,101	3	28	31	2,594	2,625	0	(477)	-15%	Forecasted the purchase of fewer fiber segments in 2025 to align with RBA expectations.
120	NY WAN Expansion	5,048	5,924	241	453	694	5,212	5,905	858	(19)	0%	
121	NYSEG OSG Communications Tower Shelter Facility Improver	1,800	600	-	-	-	600	600	(1,200)	(0)	0%	
122	NYSEG FCC License Radio Spectrum purchase	200	-	-	-	-	-	-	(200)	-	N/A	
123	NYSEG FAN +Mobile technology refresh and expansion	1,800	800	(2)	35	33	767	800	(1,000)	0	0%	
124	Telecomm Vertical Builds	1,359	1,548	53	134	187	1,361	1,548	190	0	0%	
125	NMC Solar Winds NYSEG	379	349	-	-	-	-	-	(379)	(349)	-100%	
126	Carrier Ethernet Replacement	-	-	16	24	40	710	750	750	750	N/A	New project that split out from the Telecomm Infrastructure Program (UI-N5290-NYSEG-CM). The variance corresponds with a portion of why Telecomm Infrastructure is below the target for that program.
127	Sonet Replacement	-	-	15	29	44	606	650	650	650	N/A	
128	Avangrid Security Domain (ASD) OSG Telecommunications (N	3,062	3,645	314	57	371	3,226	3,597	535	(48)	-1%	
129	NYSEG Data Center Consolidation	-	4,604	1	3	5	342	346	346	(4,258)	-92%	Some of the Data Center Consolidation actuals will be transferred to the DC2 project through internal processes. Planned activities for the remainder of 2025 are pre-engineering and consist of engaging a vendor to perform a detailed logical and physical inventory of all existing Avangrid Data Centers. Due to timing, these efforts are getting started later in the year than originally estimated, so therefore, there is going to be less spend in 2025 than originally expected thus resulting in our coming in under budget.
130	Historian and Analytic Upgrades Program (NYSEG CP Portion)	142	304	6	104	109	100	209	67	(95)	-31%	
131	Storm System (ARCOS improvement / Replacement)	-	2,192	-	-	-	364	364	364	(1,828)	-83%	The project has been delayed as the best solution is still being evaluated. Additionally, the delayed implementation of New Scheduler / Field Force has impacted the final decision of the solution.
132	DC2 (Station 80) Relocation Project NYSEG	-	-	21	64	84	3,983	4,068	4,068	4,068	N/A	Planned activities for the remainder of 2025 consist of ordering initial equipment in preparation to start the buildout at the new Kirkwood Data Center. Additionally, the project will begin the initial facilities work to begin preparation of the future Data Center space.
133	PCMS Renewal Project NYSEG	-	-	-	206	206	3,950	4,156	4,156	4,156	N/A	This was originally budgeted in the 5 year plan under Electric project PCMS Renewal Project, but as a software scope that serves both electric and gas projects it is now being executed under this common project
134	Integrated Forecasting Solution	-	-	-	-	-	0	0	0	0	N/A	
135	OT Access	-	-	-	-	-	2,475	2,475	2,475	2,475	N/A	Funded from Global Directors Plan. Start of the project delayed due to reassessment. Forecasted updated based on the revised plan for the year.
136	OT NOW	-	-	-	-	-	1,642	1,642	1,642	1,642	N/A	Funded from Global Directors Plan. Start of the project delayed due to reassessment. Forecasted updated based on the revised plan for the year.
137	Infra - NW Srvcs-CheckPoint	-	-	-	-	-	2,417	2,417	2,417	2,417	N/A	Project delineated from ECS Infrastructure. Re-assessing the technical requirements and matching the hardware needs to match the demand needs. It will be executed by year-end as originally planned.
138	Gigamon-Garland POC	-	-	-	-	-	812	812	812	812	N/A	Project delineated from ECS Infrastructure. This program has been delayed; detailed requirements are being put together for a multi-year agreement. Minimal costs anticipated for P25.
139	Microsoft Licensing NYSEG	-	-	5	4	10	922	932	932	932	N/A	An inventory of Microsoft licenses was completed and analyzed against prior license purchases, which identified a need for additional licenses server and desktop licenses and SQL Server licenses.
140	All Other Operational Smart Grids	104	-	173	214	387	497	885	781	885	N/A	
141	**Total Operational Smart Grids**	27,401	44,287	3,074	3,134	6,208	38,178	44,386	50,496	99	0%	

NYSEG Common June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2,025 ($000)	E 2Q 2,025 ($000)	H YTD Actual 2,025 ($000)	I Remaining Year 2025 ($000)	J Actual + Projection 2025 ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
142	**COMMON: Security**											
143	PGM Planning NYSEG	8,081	-	-	-	-	-	-	(8,081)	-	N/A	
144	FIRE PROTECTION	2,300	1,527	39	68	107	1,600	1,707	(593)	181	12%	Forecasted spend through 2025 is being reviewed and will be updated in subsequent submissions.
145	SOC Program-NYSEG	-	6	-	-	-	-	-	-	(6)	-100%	
146	Physical Security Lifecycle Management Program-NYSEG	-	5,266	231	2,437	2,667	2,598	5,266	5,266	(0)	0%	
147	SOC-NYSEG	-	-	93	4	97	-	97	97	97	N/A	
148	All Other Security	-	-	-	-	-	-	-	-	-	N/A	
149	**Total Security**	10,381	6,798	362	2,509	2,871	4,198	7,070	9,670	272	4%	
150	**COMMON: Training**											
151	NYSEG HR Training Equipment & Tools	188	188	8	2	11	177	187	(0)	(0)	0%	
152	NYSEG HR Training Technology Projects	8	8	-	-	-	8	8	-	-	0%	
153	GS - Training Facilities (HR) NYSEG Johnson City Reynolds T	263	7,400	64	-	64	6,736	6,800	6,538	(600)	-8%	
154	All Other Training	78	-	-	-	-	-	-	(78)	-	N/A	
155	**Total Training**	536	7,595	72	2	75	6,920	6,995	7,670	(600)	-8%	
156	**TOTAL - Common**	92,966	139,058	6,885	18,640	25,524	104,242	129,766	164,582	(9,291)	-7%	

Appendix 6 – RG&E Common Budget Variance Detail

RGE Common June 30, 2025 Project Variance Detail and Explanations

	A	B	C	D	E	H	I	J	K	L	M	N
No	Capital Project or Category	JP Appendix R 2025 ($000)	5YR Plan 2025 ($000)	1Q 2025 ($000)	2Q 2025 ($000)	YTD Actual 2025 ($000)	Remaining Year Projection 2025 ($000)	Actual + Remaining Projection ($000)	Variance to JP ($000)	Variance to 5YR Plan ($000)	Percent Variance	Variance to 5YR Plan Explanation
1	**COMMON: Buildings and Facilities**											
2	RGE Minor Projects	1,150	1,740	163	406	569	2,105	2,675	1,525	935	54%	Increase in dollars for Minors is a result of reallocating smaller projects (below $500K) under the umbrella of Minor Projects.
3	RGE EV Chargers	1,250	50	-	-	-	50	50	(1,200)	-	0%	
4	RGE Solar Panels	1,250	-	-	-	-	-	-	(1,250)	-	N/A	
5	RGE Scottsville Rd Service Center Projects	-	400	(20)	10	(9)	22	13	13	(387)	-97%	
6	RGE BMS System	300	300	12	13	25	743	768	468	468	156%	Additional dollars needed to complete this phase of the project
7	RGE 3 City Center	50	100	1	-	1	-	1	(49)	(99)	-99%	
8	RGE Canandaigua Truck Garage Projects	-	-	-	-	-	0	0	0	0	N/A	
9	RGE Fillmore Operations Center Projects	75	750	-	-	-	0	0	(75)	(750)	-100%	Planning bucket - Funding transferred to identified major capital projects
10	RGE Mushroom Blvd Projects	-	550	-	-	-	-	-	-	(550)	-100%	
11	RGE Sodus Service Center Projects	110	-	-	-	-	0	0	(110)	0	N/A	
12	RGE West Ave Site Improvements	-	500	20	9	30	470	500	500	(0)	0%	
13	RGE NY Call Center Insourcing Buildout	-	-	-	-	-	0	0	0	0	N/A	
14	All Other Buildings and Facilities	457	-	65	28	93	266	359	(98)	359	N/A	
15	**Total Buildings and Facilities**	4,642	4,390	242	466	709	3,656	4,365	(277)	(25)	-1%	
16	**COMMON: Customer Service**											
17	RGE - Regulatory Driven Efforts / Rate Case	912	4,228	274	3	277	1,169	1,445	533	(2,783)	-66%	The Customer Service Regulatory major projects have been broken out to individual projects from this annual program. This includes the Electric Vehicle Phase In Rates, which has been included in the Electric Modernization category. There are additional efforts originally in the 2025 scope that are likely deferred to 2026 based on the latest regulatory priorities.
18	Energy Manager Enhancements	500	315	8	38	47	171	217	(283)	(98)	-31%	
19	RGE CAPEX Lab Equipment	250	250	1	-	1	250	251	1	1	0%	
20	Orchestration Platform - Customer Journey	-	-	-	-	-	0	0	0	0	N/A	
21	IDP MFA Solution Implementation	-	329	13	23	37	90	127	127	(202)	-61%	
22	S/4 HANA Implementation	-	2,867	296	180	476	1,329	1,805	1,805	(1,062)	-37%	Delay in onboarding the system integrator.
23	CRM Front Office Improvements - NY	-	1,356	251	236	487	826	1,312	1,312	(44)	-3%	
24	RGE Energy Manager Implementation	-	200	45	36	80	125	206	206	6	3%	
25	Digital Tech Stack Lifecycle and Upgrades	-	169	7	61	68	67	136	136	(33)	-20%	
26	Customer Journey Improvements	-	2,228	163	536	699	608	1,307	1,307	(921)	-41%	Two projects were broken out from this annual program High Bill High Usage Customer Experience Redesign & Mobile App Redesign
27	SAP Testing Automation and Enhancements	-	161	5	118	123	352	475	475	314	196%	
28	Customer Service Generative AI	-	383	44	88	133	183	316	316	(67)	-18%	
29	Legacy Apps Technology Transformation-NY	-	754	14	44	57	193	251	251	(504)	-67%	We gained efficiencies and were able to apply optimizations that resulted in savings by leveraging generative AI technologies.
30	RGE CapEx Software Subscriptions	-	279	-	-	-	364	364	364	85	30%	
31	RPA Customer Service	-	184	12	114	126	92	218	218	34	18%	
32	eQuality Management System (OMS)	-	529	0	125	125	406	531	531	2	0%	
33	High Bill High Usage Customer Experience Redesign	-	-	41	95	137	311	448	448	448	N/A	
34	Mobile App Redesign	-	-	60	53	114	325	439	439	439	N/A	
35	IVR System Upgrades and Enhancements Program	-	-	-	-	-	0	0	0	0	N/A	
36	Generative AI Upgrades and Enhancements Program	-	-	-	-	-	0	0	0	0	N/A	
37	Customer Service Analytics	-	355	59	37	96	250	346	346	(9)	-3%	
38	New IVR and Voice Solution	-	831	178	266	444	873	1,317	1,317	487	59%	Additional capitalized software licenses are required for our outsourced contact center vendors per the terms of the contract signed with our new IVR vendor. Additionally, the initial scope was to use our new IVR vendor as our telecom carrier, but during the discovery phase it was determined that they are unable to meet our requirements as telecom carrier so we are engaging a third party.
39	All Other Customer Service	-	89	(159)	(59)	(218)	127	(91)	(91)	(180)	-202%	
40	**Total Customer Service**	1,662	15,508	1,312	1,995	3,307	8,113	11,420	9,758	(4,087)	-26%	
41	**COMMON: Fleet**											
42	RGE Fleet Replacement Program	5,500	5,500	(1,243)	3,486	2,242	3,258	5,500	(0)	(0)	0%	
43	RGE Global Telematics Solution	-	-	0	0	0	-	0	0	0	N/A	
44	All Other Fleet	-	-	-	-	-	-	-	-	-	N/A	
45	**Total Fleet**	5,500	5,500	(1,243)	3,486	2,243	3,258	5,500	0	0	0%	

RGE Common June 30, 2025 Project Variance Detail and Explanations

	A	B	C	D	E	H	I	J	K	L	M	N
No	Capital Project or Category	JP Appendix R 2025 ($000)	5YR Plan 2025 ($000)	1Q 2025 ($000)	2Q 2025 ($000)	YTD Actual 2025 ($000)	Remaining Year Projection 2025 ($000)	Actual + Remaining Projection ($000)	Variance to JP ($000)	Variance to 5YR Plan ($000)	Percent Variance	Variance to 5YR Plan Explanation
46	**COMMON: Information Technology**											
47	Client Project Requests and Integration Projects - RGE	4,638	346	-	-	-	0	0	(4,638)	(346)	-100%	
48	AGR-GIS Utility Network Model Implementation - RGE	1,822	-	-	-	-	-	-	(1,822)	-	N/A	
49	AGR - IOC-NET-END USER LC-RGE	561	923	299	849	1,149	37	1,186	625	263	28%	The schedule was accelerated which required additional devices.
50	AGR - IOC-WINTEL LC-RGE	456	456	140	85	225	398	622	166	166	36%	
51	AGR - IOC-STORAGE LC-RGE	392	392	53	24	77	248	326	(66)	(66)	-17%	
52	AGR - IOC-UNIX LC-RGE	471	471	68	44	112	64	176	(294)	(294)	-63%	
53	AGR - IOC-NETSEC LC-RGE	347	347	23	-	23	494	517	170	170	49%	
54	AGR - IOC-NETENG LC-RGE	220	220	23	51	75	146	220	(0)	(0)	0%	
55	AGR-NET-23-SG-01-Esri UN Deployment-RGE	-	1,613	1	20	21	422	443	443	(1,169)	-73%	Project budget partially moved to a different project during REV2. Delays due to negotiations over Terms and Conditions, Code of Ethics, and MSA with vendor responsible for the Architecture Design.
56	AWS SW Cloud Subscription - RGE	-	-	-	-	-	0	0	0	0	N/A	
57	Azure SW Cloud Subscription - RGE	-	277	-	-	-	-	-	-	(277)	-100%	
58	AGR-TAS-25-PAT-SYSMNG ControlM EV-RGE	-	-	-	11	11	396	407	407	407	N/A	
59	SUSE SLES SW Cloud Subscription - RGE	-	-	-	-	-	0	0	0	0	N/A	
60	ServiceNow ITIL-ITOM PPM SECOPS SW Cloud Subscription	-	-	200	-	200	0	200	200	200	N/A	
61	INSIGHT - RED HAT SW Cloud Subscription - RGE	-	-	-	-	-	0	0	0	0	N/A	
62	ControlM SW Cloud Subscription - RGE	-	-	-	-	-	0	0	0	0	N/A	
63	NTT - Liferay SW Cloud Subscription - RGE	-	-	-	-	-	0	0	0	0	N/A	
64	GIS Environment SW Cloud Subscriptions - RGE	-	-	-	-	-	0	0	0	0	N/A	
65	Bentley Projectwise SW Cloud Subscription - RGE	-	-	-	-	-	0	0	0	0	N/A	
66	AGR-TAS-25-MOBILE TECH LC-RGE	-	-	-	-	-	181	181	181	181	N/A	
67	AGR-TAS-25-Nutanix EV-RGE	-	-	-	-	-	244	244	244	244	N/A	
68	Monitoring Improvement - RGE	-	-	-	-	-	0	0	0	0	N/A	
69	Infrastructure Security - RGE	-	222	-	-	-	0	0	0	(222)	-100%	
70	AGR-IOC-NET-END USER LC-MFD-RGE	-	-	-	-	-	93	93	93	93	N/A	
71	IT SW Cloud Subscriptions - RGE	-	336	-	-	-	-	-	-	(336)	-100%	
72	AGR-NET-24-IT-01-Global S4Hana-RGE	-	1,014	7	19	26	131	158	158	(856)	-84%	The Global S4Hana implementation was initially scheduled to start in early 2025. However, following Iberdrola's plan, the project will now complete the assessment phase by Q2. Consequently, the go-live date has been postponed to early 2030. As a result, the project did not meet the original forecast.
73	AGR-NET-24-IT-04- Supply Chain Digitization - RGE	-	263	0	0	0	211	212	212	(51)	-19%	
74	Open Text Cloud Subscriptions - RGE	-	135	-	-	-	135	135	135	0	0%	
75	Open Text Cloud Implementation - RGE	-	80	-	-	-	226	226	226	146	182%	
76	All Other-1	419	-	62	80	142	376	518	99	518	N/A	
77	All Other-2	222	128	105	14	119	382	501	279	373	291%	
78	**Total Information Technology**	9,547	7,222	983	1,198	2,181	4,184	6,365	(3,183)	(857)	-12%	
79	**COMMON: Operational Smart Grids**											
80	RGE ECC Life cycle	164	200	5	98	103	96	199	35	(1)	-1%	
81	RGE OMS Enhancements	125	125	-	81	81	44	125	(0)	(0)	0%	
82	RGE OMS Alignment Spectrum	83	83	-	-	-	83	83	-	-	0%	
83	ECS Infrastructure Firewalls RGE	1,203	151	1	0	1	-	1	(1,202)	(150)	-99%	
84	ECS Infrastructure RGE	-	1,503	491	98	588	1	589	589	(914)	-61%	Jan-Jun Actuals for carryover equipment purchased in P24; received in P25. This program Jul-Dec will be broken out into separate Programs - Checkpoint, CISCO, Platform Services and Data Center Lifecycle. End of year is forecasted to be slightly under plan as a result of contractor underspend.
85	ASD Infrastructure RGE	-	1,782	249	117	366	-	366	366	(1,416)	-79%	Jan-Jun Actuals for ASD/ICT Resources and Carryover equipment purchased in P24; received in P25. This program Jul-Dec will be broken out into separate Programs - Checkpoint, CISCO, Platform Services and Data Center Lifecycle. End of year is forecasted to be slightly under plan as a result of contractor underspend.

RGE Common June 30, 2025 Project Variance Detail and Explanations

	A	B	C	D	E	H	I	J	K	L	M	N
No	Capital Project or Category	JP Appendix R 2025 ($000)	5YR Plan 2025 ($000)	1Q 2025 ($000)	2Q 2025 ($000)	YTD Actual 2025 ($000)	Remaining Year Projection 2025 ($000)	Actual + Remaining Projection ($000)	Variance to JP ($000)	Variance to 5YR Plan ($000)	Percent Variance	Variance to 5YR Plan Explanation
86	Data Center Lifecycle	-	-	-	-	-	132	132	132	132	N/A	
87	Networking Gear Lifecycle	-	-	-	-	-	432	432	432	432	N/A	
88	Platform Services Lifecycle	-	-	-	-	-	203	203	203	203	N/A	
89	DRAGOS RGE	298	-	3	(3)	0	-	0	(298)	0	N/A	
90	Avangrid Security Domain (ASD) OSG Telecommunications	1,677	1,631	159	30	189	1,372	1,561	(115)	(70)	-4%	
91	ASD Infrastructure Firewalls RGE	124	730	(13)	(0)	(13)	-	(13)	(137)	(744)	-102%	
92	Telecomm Infrastructure	2,063	2,419	354	319	673	401	1,074	(989)	(1,344)	-56%	We've created separate projects (Carrier Ethernet Replacement & SONET Replacement) which comprise the variance. Those projects are being tracked under separate IDs. We're on track to meet the adjusted target for this program.
93	Telecomm Fiber	1,098	1,297	3	67	70	1,226	1,297	198	(0)	0%	
94	Telecomm NY WAN Buildout	2,623	3,081	128	499	627	2,453	3,080	457	(1)	0%	
95	RGE OSG Communications Tower Shelter Facility	1,200	600	-	87	87	513	600	(600)	(0)	0%	
96	RGE FAN + mobile technology refresh and expansion	1,425	1,677	13	645	659	1,018	1,677	252	0	0%	
97	Telecomm Vertical Builds	934	611	0	62	63	548	611	(323)	0	0%	
98	NMC Solar Winds RGE	229	229	-	-	-	-	-	(229)	(229)	-100%	
99	Carrier Ethernet Replacement	-	-	9	60	70	680	750	750	750	N/A	New project that split out from the Telecomm Infrastructure Program (UI-R5288-RGE-CM). The variance corresponds with a portion of why Telecomm Infrastructure is below the target for that program.
100	Sonet Replacement	-	-	14	29	44	506	550	550	550	N/A	
101	Global Cybersecurity Directors Plan RGE	437	3,000	158	52	211	(254)	(44)	(480)	(3,044)	-101%	Global Directors plan will be broken out into separate programs (OTNow/OTAccess) and actual costs will be transferred to OTNow and OTAccess.
102	RGE Data Center Consolidation	6,335	2,763	1	1	2	203	205	(6,130)	(2,558)	-93%	Some of the DCC actuals will be transferred to the DC2 project through internal processes. Both the DCC Project and the DC2 project are in line with the current plan and will come in under budget for YE 2025.
103	Historian and Analytic Upgrades Program (RG&E CP Portion)	79	255	4	73	77	106	182	103	(73)	-29%	
104	RGE Solar Battery Backup Integration	100	-	-	-	-	-	-	(100)	-	N/A	
105	Storm System (ARCOS improvement / Replacement)	-	898	-	-	-	185	185	185	(713)	-79%	The project has been delayed as the best solution is still under evaluation. Additionally, the delayed implementation of New Scheduler / Field Force project have impacted the final decision on the solution.
106	PCMS Renewal Project RGE	-	-	-	57	57	1,059	1,116	1,116	1,116	N/A	This was originally budgeted in the 5 year plan under Electric project PCMS Renewal Project, but as a software scope that serves both electric and gas projects it is now being executed under this common project
107	DC2 (Station 80) Relocation Project RGE	-	-	13	13	25	2,363	2,388	2,388	2,388	N/A	Planned activities for the remainder of 2025 consist of ordering initial equipment in preparation to start the buildout at the new Kirkwood Data Center. Additionally, the project will begin the initial facilities work to begin preparation of the future Data Center space.
108	Integrated Forecasting Solution	-	-	-	-	-	0	0	0	0	N/A	
109	OT Access	-	-	-	-	-	1,485	1,485	1,485	1,485	N/A	Funded from Global Directors Plan. Start of the project delayed due to reassessment. Forecasted updated based on the revised plan for the year.
110	Infra - NW Srvcs-CheckPoint	-	-	-	-	-	1,509	1,509	1,509	1,509	N/A	Re-assessing the technical requirements and matching the hardware needs to match the demand needs. It will be executed by year-end as originally planned.
111	OT NOW	-	-	-	-	-	985	985	985	985	N/A	Funded from Global Directors Plan. Start of the project delayed due to reassessment. Forecasted updated based on the revised plan for the year.
112	All Other Operational Smart Grids-1	63	-	1	(0)	1	784	785	722	785	N/A	
113	All Other Operational Smart Grids-2	-	-	120	183	303	553	856	856	856	N/A	
114	**Total Operational Smart Grids**	20,260	23,036	1,713	2,571	4,283	18,686	22,969	2,709	(67)	0%	

RGE Common June 30, 2025 Project Variance Detail and Explanations

No	A Capital Project or Category	B JP Appendix R 2025 ($000)	C 5YR Plan 2025 ($000)	D 1Q 2025 ($000)	E 2Q 2025 ($000)	H YTD Actual 2025 ($000)	I Remaining Year Projection 2025 ($000)	J Actual + Remaining Projection ($000)	K Variance to JP ($000)	L Variance to 5YR Plan ($000)	M Percent Variance	N Variance to 5YR Plan Explanation
115	**COMMON: Security**											
116	PGM Planning RGE	4,512	-	-	-	-	-	-	(4,512)	-	N/A	
117	RG&E FIRE PROTECTION COMMON	690	233	190	(18)	172	100	272	(418)	39	17%	
118	SOC Program-RGE	-	3	-	-	-	-	-	-	(3)	-100%	
119	Physical Security Lifecycle Management Program-RGE	-	2,154	61	195	256	1,834	2,090	2,090	(64)	-3%	
120	All Other Security	-	-	46	-	46	-	46	46	46	N/A	
121	**Total Security**	5,202	2,390	297	177	474	1,934	2,408	(2,794)	18	1%	
122	**COMMON: Training**											
123	RGE HR Training Equipment & Tools	94	94	-	-	-	94	94	-	-	0%	
124	RGE HR Training Technology Projects	7	7	-	-	-	7	7	-	-	0%	
125	All Other Training	-	-	-	-	-	-	-	-	-	N/A	
126	**Total Training**	101	101	-	-	-	101	101	-	-	0%	
127	**TOTAL - Common**	46,915	58,147	3,304	9,893	13,197	39,932	53,129	6,213	(5,018)	-9%	

Appendix 7 – Emergent Project Whitepaper

Gigamon-Garland POC

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
New York State Electric & Gas Corporation	PRJ-008005	Common	Miller, Jason	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
Operational Smart Grids	Operational Smart Grids	IP1 Originate	9/1/2025	12/31/2026

Project description:

This program will be to lifecycle our current Gigamon solution. When the devices come end of life/support they will be lifecycle utilizing a new solution called Garland/Mira. The Garland/Mira solution provides the same functionality and was proven during a Proof of Concept that was performed in 2023/2024 by the D&R and Architecture team.

Project Scope:

There are currently 27 Gigamon devices utilized in Avangrid with a plan to lifecycle the below amount in 2025.

2025 - 12 Devices
2025 - 1 Garland and 1 Mira appliance
See budget plan tab for cost breakout.

Project Benefits:

Managing OSG equipment throughout its lifecycle ensures the organization maximizes our technology investments while maintaining security and efficiency. A structured approach to OSG asset management helps us to reduce costs, improve productivity, and comply with industry regulations. Some key benefits listed below.
Cost Efficiency:
-Proper lifecycle planning helps us to forecast budgets and avoid unexpected expenses.
-Regular upgrades and replacements prevent costly emergency repairs and downtime.
Enhanced Security:
-Keeping equipment updated with the latest security patches reduces vulnerabilities.
Improved Operational Efficiency:
-Well maintained OSG assets ensure employees have reliable tools to perform their tasks efficiently.
-Ensures equipment remains under vendor support in the event of hardware or Operating system failure.

Project Risks and Mitigation Plan:

This program is to lifecycle current equipment that is end of life/support or will be reaching end of life/support in the immediate future. If we do not lifecycle this equipment, we will be unable to continue to receive remote support for both hardware and software. We would be unable to download updates or patches for these systems leaving them at risk for vulnerabilities and operating issues.

Risk of No Action:

If we do not lifecycle this equipment, we will be unable to continue to receive remote support for both hardware and software. We would be unable to download updates or patches for these systems leaving them at risk for vulnerabilities and operating issues. These devices provide visibility at the packet level for certain critical areas of our OSG network providing Cybersecurity and alerting. We would lose that functionality if we do not continue to maintain these systems.

Project Alternatives:

Self-support by purchasing new hardware if failures long lead times and would lose the ability of the functionally in the zone that is being replaced. Also, without the ability to patch the system or receive updates they become less effective and at risk.

Basis for Project Estimates

Lifecycle estimates were requested from involved vendors.

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 818	$ 7	$ 32	$ 223	$ 103	$ 127	$ 134	$ 193
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 10,270	$ 567	$ 1,536	$ 2,338	$ 1,084	$ 1,337	$ 1,402	$ 2,007
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ 470	$ -	$ 61	$ 112	$ 50	$ 58	$ 77	$ 112
# Internal, Overheads	$ 1,289	$ 68	$ 192	$ 294	$ 136	$ 167	$ 177	$ 254
# Materials	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ 3,222	$ 170	$ 479	$ 735	$ 340	$ 418	$ 444	$ 636
Total	$ 16,069	$ 812	$ 2,300	$ 3,702	$ 1,712	$ 2,108	$ 2,234	$ 3,201

NYSEG Binghamton Service Center Asphalt

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
New York State Electric & Gas Corporation	PRJ-007897	Common	Branco, Sarah	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
General Services	General Services	IP3 Financial Execute	1/8/2025	11/30/2025

Project description:

The floods of 2006 and 2011 have destroyed the base under the asphalt and caused many uneven areas in the NYSEG Binghamton Service Center Parking Lot. This project would create safe passage for employees from their personal and companies vehicles.

Project Scope:

Remove all asphalt and base in approximate 60,000 sq ft. and lay down as per the design the new base and asphalt for the west side of the Binghamton Service Center. All pavement markings to be applied as per the section in Civil Plans under pavement markings part 1 General.

Project Benefits:

Benefits include:
1) Reduced maintenance costs
2) Increased safety for employees
3) Reduce risk of accidents
4) Increased accessibility for those with disabilities
5) ADA compliance

Project Risks and Mitigation Plan:

At this time there is trip hazards due to the deteriorating asphalt. I have patched it the last two years and does not make it through winter. The base below the asphalt has broken down.

Risk of No Action:

If the project does not happen then the asphalt will become more unstable causing a tripping hazard and operational costs will go up both for the asphalt and company vehicles

Project Alternatives:

The alternative is to patch small areas but this will last only for a couple of months. We usually spend 10k a year to perform patch work. Preferred solution is to replace the asphalt and base .

Basis for Project Estimates

The basis for cost estimation was completed through the design plan through Delta Engineering with quotes from a local vendor.

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ 4,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ -	$ -	$ -
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ 4,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ -	$ -	$ -

Infra - NW Srvcs-CheckPoint

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
New York State Electric & Gas Corporation	PRJ-007859	Common	Miller, Jason	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
Operational Smart Grids	Operational Smart Grids	IP3 Financial Execute		

Project description:

The Infrastructure Program includes Annual lifecycle of Checkpoint Firewalls related to physical security shared systems and includes Cybersecurity and NERC-CIP compliance support for the physical access control and video alarm response systems that secure critical cyber assets such as Energy Control Centers and Critical Bulk Electric System (BES) Substations.

This is a project that will address the lifecycle of the Infrastructure Checkpoint Firewall devices within the assigned operating company footprint as identified in each OPCO.

Project Scope:

2025 Infrastructure Network Services program plans to Lifecyle the following:

Total qty of 4 firewalls (2 pairs) of Checkpoint 7000 series firewalls to replace the ""End of Life/End of Support"" Cisco ASA 5525 series firewalls that protect the Recloser and the DMZ networks respectively. These are for the Gas and Electrical Control Systems. In addition there are going to be a purchase of 23 Checkpoint 1596R firewalls for the replacement of the Field Checkpoint 1200R firewalls that are identified to be ""End of Life/End of Support"" for the Electrical Substations that are currently deployed within the NYSEG/RGE footprint.

Cost for these purchases are allocated between NYSEG and RGE using the Cost Allocation calculator by Customer Count as appropriate. Costs included Contract services to install and support 2024 and 2025 received equipment.

Project Benefits:

Replace aging infrastructure approaching end of life and no-longer supported by manufacturer in support of uptime, recoverability, and support for incidents from equipment manufacturers.

In-scope assets support critical applications including Electric SCADA, Gas SCADA, AMI, Physical Access Control Systems (PACS), and Outage Management Systems (OMS). Equipment failures can result in self-reports, regulatory investigations, and fines.

The current Hardware is no longer supported by the vendor, in order to prevent the heightened risk of not being able to recover this hardware without the assistance of the vendor in a catastrophic event, we are replacing it with new hardware that is supported which reduces the risks of extended outages and potential penalties/fines associated with those outages.

Project Risks and Mitigation Plan:

This initiative replaces Firewalls that the manufacturers will no longer support. If these firewalls are not replaced the vendor won't provide any trouble-shooting, bug or vulnerability patching\updates. Support staff are not able to write code for software and if there is a specific problem that only the vendor knows how to fix then this would not be available. Technology teams would be at a disadvantage.

Risk of No Action:

This initiative replaces Firewalls that the manufacturers will no longer support. If these firewalls are not replaced the vendor won't provide any trouble-shooting, bug or vulnerability patching\updates. Without this support from the vendor the above mentioned applications could become unavailable with extended outages possible. This would could in turn affect, safety reliability and service for the customers.

Project Alternatives:

The alternative would be to self support but vulnerabilities and patches would not be available leaving the company at risk of outages and cyber attacks. This alternative would not be advisable.

Basis for Project Estimates

Estimates are based on historical purchases and vendor list pricing.

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 844	$ 19	$ 18	$ -	$ 117	$ 200	$ 340	$ 150
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 9,804	$ 1,369	$ 715	$ -	$ 1,288	$ 2,074	$ 3,039	$ 1,320
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ 1,567	$ 320	$ 91	$ -	$ -	$ 123	$ 703	$ 330
# Internal, Overheads	$ 1,365	$ 203	$ 97	$ -	$ 155	$ 264	$ 449	$ 198
# Materials	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ 3,411	$ 507	$ 242	$ -	$ 386	$ 659	$ 1,123	$ 495
Total	$ 16,991	$ 2,417	$ 1,162	$ -	$ 1,946	$ 3,319	$ 5,653	$ 2,494

RGE 2025 Betterment - 0143CF5146

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
Rochester Gas & Electric	PRJ-006690	Electric Distribution	Mcdonough, Robert	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
Electric Operations	Reliability	IP3 Financial Execute	1/7/2025	1/4/2026

Project description:

Circuit 5146 is a 12kV distribution circuit out of Station 143 in Canandaigua, NY supplying 1,108 customers. There are 700 customers downstream of recloser S8876 SW5850 at W Lake Rd P-252

Circuit 5146 has a history of poor reliability due to faults W Lake Rd

Project Scope:

Reconductor strategic sections of 1/0 along W Lake Rd where faults are historically clustered with 477 tree wire.
Reconductor 1.64 miles of 1/0 with 477 tree wire
Replace 24 poles in the area of reconductor due to age

Project Benefits:

This project benefits the 700 customers beyond recloser S8876 SW5850 by replacing the existing weak 1/0 wire with stronger 477 tree wire less prone to snapping and less prone to faulting with incidental tree contact.

Project Risks and Mitigation Plan:

Distribution Planning and Engineering conduct circuit patrols, perform reliability analysis and develop alternatives where possible to select the most feasible designs. Any temporary repairs are sent to engineering for follow-up to ensure permanent repairs are made to current construction standards and adherence to industry codes.

Risk of No Action:

No action would result in leaving defective equipment in service or system in non-optimal configuration and accepting the reliability and safety risk of failure. Delayed or non-execution of the work could have negative impact on reliability, public safety, workforce safety and could result in penalties and/or reputation damage. If no action on this circuit the chances of improved reliability will be minimized.

Project Alternatives:

Alternative designs are considered on a case by case basis, in general this program provides like for like replacement of assets and small line relocations

Basis for Project Estimates

Real Estate; Surveying; Environmental, Licensing & Permitting; Materials; Material Sales Tax; Construction; Vegetation Management; Access Roads, Environmental Controls and Restoration; Removal Costs; Construction Sales Tax; Engineering; Program Management/Owner's Engineering; Construction Management; AFUDC; Escalation; Overheads; and Contingency

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 538	$ 14	$ 73	$ 78	$ 84	$ 90	$ 96	$ 103
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 731	$ 731	$ -	$ -	$ -	$ -	$ -	$ -
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ 30	$ 30	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Overheads	$ 32	$ 32	$ -	$ -	$ -	$ -	$ -	$ -
# Materials	$ 100	$ 100	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ 102	$ 102	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,534	$ 1,009	$ 73	$ 78	$ 84	$ 90	$ 96	$ 103

Circuit Breaker Replacement - Glenwood

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
New York State Electric & Gas Corporation	PRJ-007957	Electric Distribution	Tiongco, Dindo	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
Digital Grid	Reliability	IP1 Originate	6/2/2025	6/30/2026

Project description:

This project is to replace Three (3) 34.5kV Breakers #41112, #41612 & #35712 and corresponding MOD Switches. Replace Three (3) 4.8kV Breakers #2B-12, #1B-12 & #68212. Install VTs at 34.5 & 4.8 kV Busbar. Replace station service transformer and battery system. Integrate all new digital devices for monitoring and controlling capabilities at Glenwood Substation. The NY Substation Circuit Breaker Replacement Program is a critical initiative designed to ensure the reliability and safety of the electrical infrastructure for NYSEG customers. This program targets the replacement of Transmission and Distribution circuit breakers that have been assessed as Poor (Health Index (HI)-4) and Very Poor (HI-5). These breakers are nearing or have surpassed their end-of-life, posing a higher risk of failure, which could lead to significant disruptions and negatively impact customers. The program primarily follows an annual prioritization process, focusing on an “in-kind” replacement strategy, meaning a one-for-one replacement of the existing breakers. This approach ensures that the replacements are straightforward and efficient. However, the program is also flexible enough to accommodate emergency replacements for unplanned breaker failures throughout the year. This flexibility is crucial for maintaining system reliability and minimizing downtime. In addition to the standard replacements, the program evaluates compact or alternative solutions on a case-by-case basis. Compact substations, or Compact Secondary Substations (CSS), are prefabricated assemblies that include medium voltage switchgear, low voltage switchboards, and auxiliary equipment. These compact solutions are designed for efficient use of space, making them ideal for urban areas or locations with limited space. They also ensure safety through rigorous type-testing and arc-testing, providing a reliable and secure solution for substation needs. The annual prioritization process is driven by asset health and risk criticality scoring, alongside an evaluation of SAIFI (System Average Interruption Frequency Index) Impact Avoidance. This comprehensive approach ensures that the most critical and high-risk breakers are prioritized for replacement. Notably, 32.2% (1,257 units) of circuit breakers in NY Opcos are classified as High Risk (Risk Index (RI)-4) and Very High Risk (RI)-5). These high-risk breakers are given top priority to mitigate potential failures and ensure system reliability. Breakers planned for replacement under other programs and projects are excluded from this program to avoid redundancy and ensure efficient use of resources. Additionally, substations with planned breaker replacements, a project ISD (In-Service Date) of 2029 or sooner, line uprating potential, or requiring a new control house are also excluded from this program. This strategic exclusion helps streamline the replacement process and focus efforts on the most critical areas. The base scope of work involves the one-for-one replacement of circuit breakers, utilizing existing relays in control houses and existing battery backup voltages (24V, 48V, 125V, etc.). This approach ensures compatibility and minimizes the need for extensive modifications. New breakers are installed if a bay is available and it enhances the protection scheme, typically replacing fuses or switches. This strategic installation improves the overall protection and reliability of the electrical system. Engineering and program development include evaluating the condition of switches, insulators, and foundations, and reviewing topology to assess the need and opportunity for new breaker installations. This thorough evaluation ensures that all aspects of the substation are considered, and any necessary improvements are made to enhance control and reliability. The added scope of work is determined through outreach to Substation Operations, T&D Planning, Digital Grid, and P&C Group, and includes automation upgrades. These upgrades are essential for modernizing the infrastructure and improving operational efficiency. Program projections indicate that 60% to 70% of the replacement program units are expected to be Poor and Very Poor. This high percentage underscores the critical need for the program. Procured program breakers can be used for unplanned emergency replacements, ensuring that the system remains reliable even in unexpected situations. However, major capital substation projects and emergency replacements alone will not suffice to address the Poor and Very Poor population. This program is crucial for maintaining the reliability and safety of our electrical infrastructure, ensuring minimal disruption to our customers, and optimizing operational efficiency. By proactively replacing high-risk circuit breakers and modernizing the infrastructure, the Substation Circuit Breaker Replacement Program plays a vital role in ensuring the continued reliability and safety of the electrical system. This proactive approach helps prevent failures, reduces the risk of outages, and ensures that customers receive consistent and reliable service. The program’s comprehensive and strategic approach ensures that resources are used efficiently and effectively, providing long-term benefits for both the utility and its customers.

Project Scope:

The project involves replacing Three (3) 34.5kV Breakers #41112, #41612 & #35712 and Three (3) 4.8kV Breakers #2B-12, #1B-12 & #68212.
This project was delineated from the breaker replacement program. The total estimated cost is $2.85M, with $2.48M allocated for 2025 and $0.37M for 2026. The SS SAIFI is 0.00324.

Project Benefits:

1) SAIFI Improvement - Improving SAIFI through the replacement of old, high-risk substation circuit breakers at NYSEG involves a detailed and technical approach to enhance the reliability of their systems. These older circuit breakers, often nearing the end of their operational life, are susceptible to mechanical failures and operational inefficiencies, which can lead to frequent and prolonged power interruptions.

Modern circuit breakers, which replace the outdated ones, are equipped with advanced fault detection and isolation capabilities. These breakers can quickly identify and isolate faults, thereby reducing the duration and frequency of power interruptions. Additionally, they often feature enhanced communication capabilities, allowing for real-time monitoring and remote operation, which further improves response times and operational efficiency.

By systematically replacing these high-risk circuit breakers, NYSEG can significantly reduce the incidence of equipment-related outages. This not only improves the SAIFI score but also enhances the overall reliability and stability of the system, ensuring a more consistent and dependable service for their customers.

2) Replace aging and obsolete infrastructure - The current population of circuit breakers within the New York Operating Companies (NY Opcos) reveals a significant portion assessed as Reliability Index (RI) categories RI-4 and RI- 5. Specifically, 32.2% of the total circuit breakers, amounting to 1,317 units, fall into these categories. Breaking this down further, the RI-5 category comprises 192 distribution circuit breakers operating at voltages below 15kV and 90 transmission circuit breakers operating at voltages above 34kV. Meanwhile, the RI-4 category includes 574 distribution circuit breakers and 401 transmission circuit breakers within the same voltage ranges.

When considering the population of circuit breakers excluding those replaced by other programs and projects, the percentage assessed as RI-4 and RI-5 slightly decreases to 27.8%, which corresponds to 892 units. Within this subset, the RI-5 category consists of 140 distribution circuit breakers and 42 transmission circuit breakers. The RI-4 category, on the other hand, includes 430 distribution circuit breakers and 280 transmission circuit breakers.

This refined population of circuit breakers, excluding those already addressed by other initiatives, forms the candidate list for replacement as specified in the preceding section. This detailed assessment and categorization are crucial for prioritizing maintenance and replacement efforts, ensuring the reliability and safety of the electrical infrastructure within the NY Opcos. By focusing on the RI-4 and RI-5 categories, the aim is to mitigate potential risks associated with aging or underperforming circuit breakers, thereby enhancing the overall stability and efficiency of the power distribution and transmission network. The following is a breakdown of the 2024 breaker replacements by voltage level, along with their associated RI scores.

Project Risks and Mitigation Plan:

Throughout the duration of this program, there is a potential for sudden failures to occur, which could significantly impact its progress. In the event of an unplanned failure, it becomes imperative to re-evaluate the program to prioritize addressing the emergency condition. This is particularly critical in scenarios where a suitable spare part is unavailable, necessitating the use of the program to mitigate the emergency breaker replacement. Depending on the timing of such a failure, it may be necessary to advance a substation into the current program, while deferring another substation or multiple substations to a subsequent year's plan. This flexible approach ensures that emergency conditions are managed effectively, minimizing disruptions and maintaining the overall integrity of the program.

The program's success hinges on its ability to adapt to unforeseen challenges. Sudden failures, while unpredictable, are an inherent risk in any complex system. When such failures occur, the immediate focus shifts to resolving the emergency to prevent further complications. This often involves a thorough assessment of the situation to determine the best course of action. If a suitable spare part is not readily available, the program must pivot to address the most pressing needs, such as replacing a critical breaker.

The timing of these failures plays a crucial role in the decision-making process. For instance, if a failure occurs early in the program, there may be more flexibility to adjust the schedule and resources. Conversely, a failure later in the program might require more drastic measures, such as advancing a substation's maintenance or upgrade to the current year. This could mean postponing other planned activities to the following year, ensuring that the most critical issues are addressed promptly.

This proactive and dynamic approach is essential for maintaining the program's overall effectiveness. By prioritizing emergency conditions and adjusting plans as needed, the program can continue to operate smoothly, even in the face of unexpected challenges. This strategy not only helps in managing immediate risks but also contributes to the long-term success and reliability of the infrastructure.

Risk of No Action:

The decision to take 'no action' regarding the replacement of the high-risk RI-4 and RI-5 circuit breakers is effectively a 'run-to-failure' strategy. This approach is laden with significant risks and is particularly unwise in the absence of reserve or surplus units. Circuit breakers are critical components in electrical systems, designed to protect circuits from damage caused by overloads or short circuits. When these breakers are known to be high-risk, their failure can lead to severe consequences.

Consider an example where a breaker fails on a radial circuit with no suitable circuit tie back-ups. In such a scenario, the entire circuit would be left without power, leading to an unplanned outage. This would be an unacceptable situation, especially if the breaker was identified as RI-4 or RI-5. The lack of backup options would exacerbate the impact, causing significant operational disruptions and potentially high costs associated with downtime.

Additionally, the safety hazards posed by failing circuit breakers cannot be overstated. Electrical faults can lead to fires, equipment damage, and even pose risks to personnel safety. Proactively replacing these high-risk breakers would mitigate these risks. It would ensure the reliability and continuity of operations, safeguarding both the infrastructure and the people working within it. Investing in the replacement of RI4 and RI5 breakers is a strategic move that prioritizes long-term stability and safety over short-term cost savings. By doing so, the organization can avoid the potentially catastrophic consequences of a 'run-to-failure' scenario and maintain a robust and resilient electrical system.

Project Alternatives:

An alternative solution involves focusing on the replacement of only the poor health breakers, while retaining the brown glass insulator switches and electromechanical relays in service. While the primary objective is to address the poor health breakers due to their immediate risk, it's crucial to consider the broader implications of leaving the other components unchanged.

Brown glass insulators, although currently functional, have a relatively higher failure rate compared to modern alternatives. This increased likelihood of failure can lead to unexpected outages and maintenance challenges, which could compromise the overall reliability of the system. Additionally, electromechanical relays, while still operational, are becoming increasingly obsolete. As technology advances, the availability of parts and expertise to maintain these relays diminishes, posing a significant risk to long-term system sustainability.

By opting to replace the brown glass insulator switches and electromechanical relays concurrently with the poor health breakers, we can achieve a more comprehensive upgrade. This approach not only addresses the immediate concerns but also mitigates future risks associated with component failures and obsolescence. The integration of modern, more reliable components will enhance the overall reliability and resiliency of the system, reducing the likelihood of unplanned outages and maintenance interventions. Moreover, this strategy is cost-effective in the long run. While the initial investment may be higher, the reduction in maintenance costs, improved system performance, and extended lifespan of the infrastructure will provide significant savings over time. This holistic upgrade ensures that the system is better equipped to handle future demands and challenges, providing a more stable and reliable service to all stakeholders.

Basis for Project Estimates

The project cost estimates encompass required internal labor, external resources, materials, internal and external engineering, and appropriate project support costs. These estimates are derived from multiple sources, including the analysis of historical man-hour data and construction costs for similar activities, budgetary quotes from suppliers for necessary materials, equipment, and services, and analogous cost estimates from similar projects within NYSEG. Additionally, appropriate project support costs and applicable overheads and allocations are considered. Project estimates are routinely reviewed and updated as the project progresses, and more detailed information becomes available.

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 316	$ 132	$ 184	$ -	$ -	$ -	$ -	$ -
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 2,201	$ 2,011	$ 190	$ -	$ -	$ -	$ -	$ -
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Overheads	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Materials	$ 92	$ 92	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,608	$ 2,235	$ 374	$ -	$ -	$ -	$ -	$ -

Sub Transmission Automation - Clyde

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
New York State Electric & Gas Corporation	PRJ-007739	Electric Transmission	Fairchild, Jon	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
Digital Grid	Reliability	IP3 Financial Execute	6/12/2025	12/31/2025

Project description:

The initiating need for the Sub-Transmission Automation program is the significant SAIFI impact of frequent outages on the NYSEG and RGE 34.5 kV and 46 kV network. The Company's top priority, supported by Executive leadership is for efforts to be taken to improve reliability on the sub-transmission system.
AVANGRID's Transmission Planning department performed a comprehensive Local Transmission Planning (LTP) assessment on NYSEG and RGE Transmission Network to determine where the largest customer outage risks existed.
This project is part of the 2025 Sub-Transmission Automation Effort.

Background
Clyde is a 34.5/4.8 kV substation located in the town of Geneva in Wayne County. This substation is fed by line 572 (34.5 kV) supplying 1,739customers with power. Line 573 (34.5 kV) then continues radially out of Clyde to a normally open tie to RG&E line 804. This location was prioritized as #3 for the 2025 NYSEG Projects.

Project Need
As identified in the 2021 NY LTP Study (GN-L1) A fault on Line 544 from Sleight Rd to Lyons results in the loss of 12 MW of load at Lyons and Clyde affecting lines 544 and 572, impacting 3,712 customers.

Project Scope:

Creating a flopover scheme that provides a backup feed for Clyde in the event of an outage on line 544 or 572.

Add 2 stand mounted reclosers at Clyde in the 34kV Box Structure
The recloser between Clyde and RG&E to be N.O.
Run fiber between the two reclosers at Clyde
Circuit 804 P-210: Remove 57319 N.O. switch and install N.C. recloser.
Requires the use of a Mobile Sub to attach one of the reclosers to line 572 bus
Relocate existing 34.5kV mobile tap hook-stick switch to the transformer side of the existing box structure.

Project Benefits:

Increase in reliability due to less customers losing power for a given fault. SAIFI Benefit: 0.00197

Project Risks and Mitigation Plan:

The primary risk is the aggressive time frame for executing on this project in order to address NYSEG's SAFI concerns. Getting material timely for this project is also a risk. Our plan is to use inhouse materials when possible to mitigate this lag and to ensure crew availability inhouse line crews will be utilized.

Risk of No Action:

The risk of not doing this project will result in a loss of load on this line resulting in 1739 customers losing power until NYSEG line crews are able to do infield switching. By installing the reclosers and automating the switching the time without power with be drastically reduced. By automating this line there will be faster restoration times, reduced outage duration and reduced labor costs due to crews not needing to manually switch lines.

Project Alternatives:

An alternative was explored by installing a circuit breaker on line 546 at Lyons Station but was deemed infeasible due to length of time to engineer, procure and install a circuit breaker. Given NYSEG's SAFI concerns installing a recloser is a more viable option.

Basis for Project Estimates

Estimates were developed by using previous cost estimates in Distribution Automation and Transmission line deficiency projects.

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 13	$ 13	$ -	$ -	$ -	$ -	$ -	$ -
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 841	$ 841	$ -	$ -	$ -	$ -	$ -	$ -
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ 130	$ 130	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Overheads	$ 75	$ 75	$ -	$ -	$ -	$ -	$ -	$ -
# Materials	$ 15	$ 15	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ 135	$ 135	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,209	$ 1,209	$ -	$ -	$ -	$ -	$ -	$ -

Microsoft Licensing NYSEG

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
New York State Electric & Gas Corporation	PRJ-002721	Common	Miller, Jason	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
Operational Smart Grids	Operational Smart Grids	IP3 Financial Execute	9/1/2025	12/31/2025

Project description:

Description: Create a Microsoft Volume Licensing account that covers all Microsoft applications supported by Operational Smart Grids (OSG) Infrastructure across all operating companies. Currently OSG Infrastructure was granted access to Corporate IT's Volume Licensing Program which allows for limited access to Microsoft Licensing. Corp IT has adopted a policy of no longer sharing these accounts with other departments.

Deliverable: Microsoft Licenses and Software assurance for all Microsoft applications OSG Infrastructure Supports. This account will be owned and maintained by OSG Infrastructure.

Outcome: OSG would have their own Microsoft account, owned and maintained by OSG Infrastructure, that is separate from corporate IT.

Project Scope:

ASD environments were created as part of a Corp. Security and Physical Security project for a private secure domain for related services. OSG assumed ownership of the environment and started its inventory of products. It is assumed that these groups capitalized the project's software purchases. Since 2022 New Microsoft licenses have been purchased by projects and likely capitalized as part of the projects. This Microsoft True Up is an exercise to bring us into compliance with Microsoft licensing requirements and to continue our support for Microsoft products. Failure to meet this required license compliance payment could lead to fines and fees including the ban of use of Microsoft products. This payment will bring us current and in compliance with Microsoft License requirements.

Project Benefits:

A number of systems, ancillary to the Electric SCADA systems, run on Microsoft operating systems. The continued operation of these systems is important to the safety, control, and monitoring of the portion of the electrical grid for which NYSEG and RGE are responsible. Being improperly licensed puts our use of these systems in jeopardy. It also impacts our ability to receive support and maintain compliance as enforced by NERC and FERC.

Project Risks and Mitigation Plan:

This initiative is to true up licensing already in use in the environment. The licensing allows for support including security and feature updates. True up is required to make sure we stay in compliance with the licensing agreement with Microsoft.

Risk of No Action:

If audited by Microsoft, not being up to date on our licensing could result in fines or banning from the company using their products. Lack of support means no patches to current or future security vulnerabilities which would take us out of regulatory compliance.

Project Alternatives:

The alternative would be to find products other than Microsoft's to run for our Operating Systems (OS) and line business applications. This would include evaluating new line of business and middleware applications, such as MSSQL, as they would need to be replaced or confirmed compatible with the OS chosen to replace Windows.

Basis for Project Estimates

Estimates are based on historical purchases and vendor list pricing

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ 0	$ -	$ -	$ -	$ -	$ 0	$ -	$ -
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 803	$ -	$ -	$ -	$ -	$ 803	$ -	$ -
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Overheads	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Materials	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 803	$ -	$ -	$ -	$ -	$ 803		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 29	$ 29	$ -	$ -	$ -	$ -	$ -	$ -
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 636	$ 636	$ -	$ -	$ -	$ -	$ -	$ -
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Overheads	$ 76	$ 76	$ -	$ -	$ -	$ -	$ -	$ -
# Materials	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ 191	$ 191	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 932	$ 932	$ -	$ -	$ -	$ -	$ -	$ -

Electric Vehicle Phase In Rate - NY

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
New York State Electric & Gas Corporation	PRJ-006608	Electric Distribution	Alexander, Christine	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
Customer Service	Customer Service	IP3 Financial Execute	1/1/2025	10/17/2025

Project description:

On October 18, 2024, DPS issued Order 22-E-0236, requiring utilities to implement new rate classifications to commercial customers who have installed electric vehicle charging stations. The deadline to have this work completed is October 17, 2025.

Project Scope:

This project covers the effort to implement Electric Vehicle (EV) Rates for Commercial Customers with Electric Vehicle Charging Stations. The projected cost is estimated based on high level criteria. As this is a new regulatory Order, specific criteria and requirements are still being determined which may impact resourcing needs. Effort will include changes to existing SAP/CRM system to identify and enroll customers eligible for new rate classifications, resulting in new software functionality.

Project Benefits:

Meet regulatory requirements as mandated in DPS order 22-E-0236.

Project Risks and Mitigation Plan:

Potential staffing resource concerns: Several initiatives, such as Community Distributed Generation Phase II, SSFA/REACH, and other regulatory items share resources across multiple business areas as well as the same customer service systems. To mitigate this risk we have onboarded a system integrator, and we are coordinating with IT and related business areas to plan accordingly.

Risk of No Action:

Customer billing for eligible customers is required by October 17, 2025. Inability to deliver this may result in the need for a manual billing solution requiring significant resource hours. As this is a mandated project, failure to deliver could result in noncompliance and regulatory penalties.

Project Alternatives:

The cost estimates include internal labor and external resources such as SWF (Software Factory). These estimates are derived from multiple sources, including historical man-hour data, as well as cost estimates from similar projects within NYSEG and RG&E.

Basis for Project Estimates

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FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 27	$ 27	$ -	$ -	$ -	$ -	$ -	$ -
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 632	$ 536	$ 96	$ -	$ -	$ -	$ -	$ -
# Internal - Non-AC	$ 2	$ 2	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ 265	$ 248	$ 17	$ -	$ -	$ -	$ -	$ -
# Internal, Overheads	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Materials	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 927	$ 814	$ 113	$ -	$ -	$ -	$ -	$ -

OT NOW

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
Rochester Gas & Electric	PRJ-007778	Common	Miller, Jason	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
Operational Smart Grids	Operational Smart Grids	IP3 Financial Execute	1/1/2025	12/31/2025

Project description:

OTNow is OSG's Service Management offering that strategically deploys processes, tools and resources to enhance OT service and customer satisfaction. The services include Change Management, Asset Management, Incident Management, Request Management, as well as modules for Common Vulnerability and Exposure Management (CVE), Purdue Visibility and Software Management. Combined these tools, process and resources safeguard the organization's digital assets and ensure the integrity, confidentiality, and availability of information through advanced security operations and robust digital identity management.

Using these tools, processes and resources and adding agile methods the project/program will:
(1) Centralize Administration of Assets including physical, virtual and software
(2) Control changes
(3) Manage Incidents and Threats
(4) Increase Accountability and Auditability
(5) Automate workflows to ensure consistent output

Project Scope:

This initiative focuses on improving asset, incident, request, and change management through a series of enhancements.

Enhancement 1 (06/2024 – 03/2025 & 6/2025)
Implements OTNOW Asset Suite, Exceptional Circumstance Request, Firewall Request Update, Change Ticket Enhancements, and integration between OTNow and OTAccess (SailPoint Module) for Rochester Gas & Electric. Hardware ordered in 2024 and delivered in 2025 (Dell and Cisco) will support expansion. These costs are currently captured under Global Director Plan and will journal entry to this project in September 2025 current forecast $586,012) and will be placed in service then.

Enhancement 2 (Starts after budget approval + 9 months)
Implements Compliance Task Suite for all of Operational Smart Grids. Expands support for infrastructure, compliance, network operations, telecom, energy control systems, protection and control, and digital grids. Includes asset tools, discovery integration with OTNow, asset audit, and additional ServiceNow modules. Also includes ServiceNow subscriptions for OT Service Management fulfillers. This is on track to go into service in 2026.

Budget Overview -
Contractors: – Support for requirements development, coding in OTNow, and transition of assets and services
Hardware: – Dell servers and Cisco equipment (carryover from 2024)
External Services: – SME architecture, deployment design, installation, upgrades, and centralized asset/service management
Licensing: – ServiceNow module expansion and subscriptions
Internal Labor: – Support for requirements, development, testing, and integration

Project Benefits:

This program will provide efficiencies for our staff (training and administration) and will increase our scope/scale when submitting procurements for software, hardware and services. We will be increasing our efficiency via centralized management, automation, reduce employee training and allow purchasing from standard offering vendors. Service Management (Components - Asset, Incident, Request and Change Management) Benefits - Auditable environment, controlled change, reporting/KPI (Key Performance Indicator) capabilities. Consistent processes across all opcos, formality and oversight for exceptional requests and Firewall requests. First step in automation by integrating OT Now and Sailpoint. Consistent processes across all opcos for treatment of high critical devices, formality and oversight for requests. First step in automation of asset discovery and additional modules implemented.

Project Risks and Mitigation Plan:

One of the top risks to OTNow program are other projects operating with in the same time frame. The most notable are Data Center Move and Data Center Consolidation. These projects are moving assets and freezing changes during the moves. Some of the moves are quick and some take several weeks, depending on complexity. The move schedules are dependent on facilities projects to expand services to accept new load (floor space, heating, ventilation, and air conditioning (HVAC), uninterruptible power supply (UPS), power conditioning systems etc..). We are working closely with all of the project managers and project teams while we are planning our schedules to accommodate freezes. If these other projects begin to slip significantly in their schedules, this will impact OTNow program schedule. The effect will be to extend our need for integrators and contractors. Close communications is going to need to continue going forward to ensure mitigations can be accomplished by this program shifting implementation, testing and go-live dates move to sooner or later as needed. OT Now program is in the process of verifying our data center needs to verify the all of the programs needs fall into the existing datacenter projects.

Risk of No Action:

The decision to take “no action” regarding the continuation of the OTNow program will leave us with only the foundations of the former cyber security master plan (CSMP) installed. Among other things, the CSMP program was started several years ago to add protection, detection and to gain efficiencies by centralization and standardization and to ensure a high level of accountability/auditability. The foundations have been set, but to receive full benefits we need to continue implementation out to the rest of the networks. We have seen benefits in managing our hardware, early detection of anomalous activity, and a decrease of reportable events in our compliance program. This trend should continue as we have moved from assessing the environment to implementing the foundations needed. These foundations are installed in a smaller portion of our network and need to be moved out to the entire network in order to have the same high-quality coverage everywhere. Now that we have the foundations, we can continue more out to other networks and departments to continue the processes of centralization, standardization, accountability/auditability, and significantly increase our ability to deter, prevent, protect, and detect anomalous activity that could indicate bad actors have gained access to our environment.

Project Alternatives:

Over the course of the project OTNow teams have looked at current state and future state. The teams have evaluated all of the alternatives currently in our environments and in the market place to select tools that provide the most complete match to our requirements including fit for service, third party considerations, stability of partner and relationship with partner, training (especially free training) and cost of management. All alternatives were looked at and the selected tools were based on these categories. We are moving through the tools in phases as a slow and steady cadence protects the environment from too many changes and helps to maintain stability. The goals is to harmonize all of our networks/environments and provide a standard offering for centralized management and auditable administrative control.

Basis for Project Estimates

The project costs estimates are created using several different inputs. We requested budgetary estimates from an integrator for a total solution. These estimates include, among other things, costs to create RFP’s to bring in integrators, the cost of their expertise to help with evaluations and implementation. We have used historical basis costs for hardware, including installation and cabling, and lifecycle. We have also estimated contractors to continue work on the projects and to transition to employees as we move to normal operations. We have used historical data to estimate our internal labor. We have estimated overlapping costs where we will be replacing (harmonizing) applications to allow for a slow steady transition.

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 526	$ 20	$ 43	$ 176	$ 69	$ 75	$ 66	$ 76
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 5,532	$ 569	$ 805	$ 1,567	$ 623	$ 679	$ 595	$ 694
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ 607	$ 111	$ -	$ 207	$ 73	$ 75	$ 65	$ 76
# Internal, Overheads	$ 737	$ 82	$ 97	$ 213	$ 84	$ 91	$ 79	$ 92
# Materials	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ 1,842	$ 204	$ 242	$ 532	$ 209	$ 226	$ 198	$ 231
Total	$ 9,243	$ 985	$ 1,187	$ 2,695	$ 1,058	$ 1,146	$ 1,003	$ 1,169

NYSEG ECC Office Realignment Distribution

PROJECT INFORMATION

OpCo:	Project ID:	Charge Code:	Project Sponsor:	Project Type:
New York State Electric & Gas Corporation	PRJ-007877	Common	Branco, Sarah	Project
Business Area:	**Rate Case Category**	**Project Stage:**	**Start Date:**	**In-Service Date:**
General Services	Buildings and Facilities	IP3 Financial Execute		

Project description:

NYSEG is initiating a comprehensive renovation of the Vestal Energy Control Center (ECC), a critical infrastructure facility serving as a statewide hub for electric and natural gas transmission and distribution operations, as well as storm response coordination.

Project Scope:

This modernization project will include the strategic relocation of four existing operations groups and the remodeling of four designated interior spaces. The renovations includes Removal of walls, upgraded and added staff seating, expanded telecom room, additional fire protection, carpet upgrade, added security measures of, shot detection, intrusion film, upgraded HVAC & upgrade building to NERC/CIP compliance.

The renovation is designed to enhance operational efficiency, improve resiliency, and support the integration of advanced technologies in grid management.

Project Benefits:

Enhanced Operational Efficiency: Upgraded layouts and infrastructure will streamline workflows and improve interdepartmental coordination.

Improved Reliability and Resilience: Modernized systems and facilities will bolster the ECC's ability to respond to grid events and severe weather incidents.

Future-Ready Infrastructure: Renovations will support the deployment of smart grid technologies and align with Avangrid's long-term sustainability and innovation goals.
Employee Well-being: Updated workspaces will provide a safer, more ergonomic, and collaborative environment for staff.

Project Risks and Mitigation Plan:

Construction Delays
Risk: Delays in renovation or build-out of the second-floor space could postpone the relocation timeline.
Mitigation: Develop a detailed project schedule with buffer periods. Engage experienced contractors with a proven track record. Monitor progress through regular site inspections and status meetings.
Budget Overruns
Risk: Costs may exceed initial estimates due to unforeseen conditions or scope changes.
Mitigation: Include contingency funds in the budget.
Conduct thorough pre-construction assessments.
Implement strict change control procedures.
Operational Disruption During Transition
Risk: The relocation process may disrupt daily operations or reduce productivity.
Mitigation: Plan the move during off-peak periods or in phases.
Communicate clearly with staff and stakeholders.
Provide temporary workspaces if needed.

Risk of No Action:

Failure to proceed with the relocation project poses several operational and strategic risks:

Space Constraints: The current footprint is insufficient to support the growing Electric Distribution Center staff. Without expansion, overcrowding may lead to reduced productivity, inefficiencies, and employee dissatisfaction.

Operational Disruption: Inadequate space can hinder workflow, limit collaboration, and create bottlenecks in daily operations, potentially impacting service delivery and response times.

Talent Retention and Recruitment: A cramped and outdated workspace may negatively affect employee morale and make it more difficult to attract and retain skilled personnel.

Health and Safety Concerns: Overcrowded environments can lead to safety hazards and non-compliance with workplace regulations, increasing liability risks.

Strategic Limitations: Delaying the relocation may restrict the organization's ability to scale operations, implement new technologies, or adapt to future demands.

Project Alternatives:

There are no viable alternatives to this project at this time. The Electric Distribution Center is experiencing staff growth that exceeds the capacity of its current footprint. Relocating operations from the first floor to the second floor will provide the necessary space to support this expansion and ensure continued operational efficiency.

Basis for Project Estimates

The base for cost estimation was completed through the design plans from Delta Engineers. Proposals for this design work is being collected through the bidding process in IBUY.

FINANCIAL INFORMATION

Actual Capital Spent, all amounts shown below in thousands ($000's)

Capital Details:	Total	2020	2021	2022	2023	2024		
# AFUDC	$ -							
# CIAC	$ -							
# External Services	$ -							
# Internal - Non-AC	$ -							
# Internal, Labor	$ -							
# Internal, Overheads	$ -							
# Materials	$ -							
# Overheads - External	$ -							
Total	$ -	$ -	$ -	$ -	$ -	$ -		

Forecasted Capital, all amounts shown below in thousands ($000's)

Capital Details:	Total	2025	2026	2027	2028	2029	2030	2031
# AFUDC	$ 0	$ 0	$ -	$ -	$ -	$ -	$ -	$ -
# CIAC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# External Services	$ 1,297	$ 1,297	$ -	$ -	$ -	$ -	$ -	$ -
# Internal - Non-AC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Labor	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Internal, Overheads	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Materials	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
# Overheads - External	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 1,297	$ 1,297	$ -	$ -	$ -	$ -	$ -	$ -