



PSEG Long Island

Update on the Electric T&D Capital Budget

Oversight and Clean Energy Committee – June 2024

2024 PSEG Long Island Capital Program

Summary Capital Update

Capital (\$M)	Approved Budget	Year To Date May 2024			5+7 PYE	PYE Under/(Over)
		Plan	Actual	Under/(Over)		
Transmission and Distribution	605.4	242.3	231.1	11.2	602.8	2.6
Information Technology Projects	66.9	33.3	29.0	4.2	89.9	(23.0)
Cybersecurity	16.5	10.8	8.0	2.8	17.7	(1.2)
Customer Operations	8.2	3.1	2.6	0.5	8.3	(0.1)
Other General Plant Projects	31.7	15.9	15.4	0.6	14.9	16.8
Fleet	19.7	3.7	3.1	0.6	19.7	0.0
Offshore Wind Transmission	22.9	2.2	1.3	0.9	17.4	5.5
Subtotal	\$771.2	\$311.3	\$290.5	\$20.7	\$770.7	\$0.5
Utility 2.0	10.8	1.8	0.5	1.4	6.6	4.1
Subtotal Incl. U2.0	\$782.0	\$313.1	\$291.0	\$22.1	\$777.3	\$4.7
FEMA	5.1	1.0	0.5	0.5	5.1	0.0
FEMA Pre-Grant	0.0	0.0	0.0	0.0	0.0	0.0
Management Fees	31.2	13.0	14.0	(1.0)	32.2	(1.0)
Capital Storm	3.5	1.4	4.9	(3.5)	7.8	(4.3)
Pending Project Authorization Funds	43.7	1.9	0.0	1.9	17.0	26.7
Total	\$865.4	\$330.4	\$310.3	\$20.1	\$839.4	\$26.0

2024 PSEG Long Island Capital Program

Electric T&D Update

Electric T&D (\$M)	Approved Budget	Year To Date May 2024			5+7 PYE	PYE Under/(Over)
		Plan	Actual	Under/(Over)		
Reliability	303.9	129.1	132.8	(3.7)	320.7	(16.8)
Load Growth	195.9	64.9	57.3	7.6	180.9	15.0
Storm Hardening	66.6	31.4	30.6	0.8	67.7	(1.1)
Tools, Equipment and Other	39.0	16.9	10.5	6.4	33.5	5.5
Subtotal	\$605.4	\$242.3	\$231.1	\$11.2	\$602.8	\$2.6
Offshore Wind Transmission	22.9	2.2	1.3	0.9	17.4	5.5
Total Incl. Offshore Wind Transmission	\$628.2	\$244.5	\$232.4	\$12.1	\$620.2	\$8.0

2024 Emergent Project Review

SOS ID	Investment Name	Corporate Category	Classification	Project Execution Department	2024 Budget Impact	Project Driver
2442	West Hempstead (3R) Rebuild Install Two New Switchgear and Control Enclosure	Reliability	Specific	P&C	9.1	Emergent project associated with failure of a switchgear at the West Hempstead Substation.
2449	ACRV - Automatic Circuit Recloser Viper Install/Convert	Reliability	Program	Divisions	8.1	Emergent project related to metric T&D-30/31.
2481	Reynolds Channel 32-225 Contractor Dig-In	Reliability	Specific	Divisions	6.5	Emergent project associated with Reynolds Channel transmission job.
2446	Locust Grove - T-Mobile Load Addition Upgrades	Load Growth	Specific	P&C	3.5	Emergent initiative as a result of load studies.
2374	South Shore Mall - Network Protector Transformer Replacement	Other	Specific	P&C	2.2	Emergent project associated with safety concerns. This project will mitigate the risks associated with Safety - Electric Ops by providing a safer environment to prevent injuries.
2450	2H Far Rockaway Cap Banks Installation	Reliability	Specific	P&C	2.2	Emergent initiative as a result of asset condition/risk assessment.
2445	West Hempstead (3R) Install four 69/13kV 33MVA Transformers and associated work	Reliability	Specific	P&C	1.5	Emergent initiative to mitigate the risks based on degraded asset conditions and it is in response to address a risk identified on the current Risk Register.
2454	3G Elmont Land Purchase to support Substation rebuild	Reliability	Specific	TD Services	1.3	Emergent property acquisition to support substation rebuild.
2409	Install Cascade Facility Ratings Software	Other	Specific	IT	0.8	Emergent project as a result of NERC compliance.
2455	Reconductor 33-315 Reynolds Channel Submarine Cable	Reliability	Specific	P&C	0.5	Emergent project associated with recent circuit failures leading to power outages in the city of Long Beach causing the need for this new circuit.
2395	Elmont (3G) Substation Rebuild and Feeder Conversions	Reliability	Specific	P&C	0.3	Emergent initiative as a result of asset condition/risk assessment.
2436	Network Protectors Electromechanical Relay Replacement	Reliability	Program	P&C	0.2	Emergent initiative as a result of reliability analysis and new metrics.
Total					\$36.3	

Major Projects Completed in the First Half of 2024

↗ Transmission System Installations/Upgrades

- Arverne to Rockaway Beach Install New 33kV
- East Hampton 23kV Conversion 33kV

↗ Substation Installations/Upgrades

- East Garden City Switchgear Replacement – one switchgear replaced
- West Hempstead Switchgear
- Rockaway Beach: Installed new 33-13kV Bank & Switchgear
- Elwood Switchgear Replacement

↗ Distribution System Installations/Upgrades

- Elwood Conversion and Reinforcement
- Eaton's Neck Reconfiguration
- Bridgehampton 13KV

Power On - Storm Hardening Program

➤ Distribution System - Hardening of Infrastructure

- 2019 - 2022 focus on Mainline Distribution circuits
- 2023 - 2025 addition of branch line distribution circuits to work plan

➤ Scope of Work:

- Pole Replacements - Increase size and class with improved structural backfill
- Pole Head Configuration - Redesign with tighter profile to better withstand tree impact
- Wire Replacement with improved tree guard insulation
- Addition of branch line circuits to 2023/2024 scope of work

➤ 2024 Budget - \$66.6M

- Spend YTD (through May) \$30.56M
- 29.97 of 68.03 planned miles mitigated
- Multi Year Program 2019 - 2025



Years	Miles
2019	-
2020	65.25
2021	111.01
2022	80.41
2023	78.76
2024	68.03*
Total	403.46

*Current Yearend Projection
(Mainline & Branch line combined)

FEMA Storm Hardening 2024 Update

↗ FEMA 404 Defective Pole Replacement Projects

- Received two separate grants to replace up to 385 utility poles for each project (770 total poles) that no longer meet current standards. The poles are in Queens/Nassau and Suffolk counties. **Estimated cost \$10.0M (\$5.0M ea.)**
- NYS DHSES kick-off meeting expected in June 2024. The project is expected to be completed by February 1, 2026.

↗ FEMA 406 Isaias, Ida & Elliot Hazard Mitigation Grant Program (HMGP)

- The Isaias, Ida & Elliot program includes mitigation to current standards of up to 172 overhead distribution circuits and up to 13 underground by-pass circuits. **Estimated cost \$416.7M.**
- The Isaias grant is expected to be issued by the end of June 2024. Construction is expected to be completed in 2029, followed by a 6–12 month closeout.
- The preliminary designs (Hazard Mitigation Proposals – HMPs) for 172 circuits were completed and submitted to NYS DHSES & FEMA by 7/31/23, as scheduled. These were requested by FEMA prior to issuing the grant award.

↗ FEMA 404 Nineteen(19) Transmission Crossings

- After initially receiving a FEMA grant award in April 2023 to storm hardened 3 transmission crossings on critical high traffic volume north-south and east-west roadways, additional FEMA funding was made available to add 16 more crossings.
- The grant award to hardened 19 transmission crossings to current standards is expected September 30, 2024. of **Estimated cost \$38.9M.**
- The project is expected to be completed in 2027.

The total FEMA funding for above projects is estimated at \$465.6M from 2024 to 2029



Thank
you