



**NY Power
Authority**

NYPA Transmission Plan Update

NYISO ESPWG

June 29, 2023

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New York Power Authority**

NYPA Transmission Plan

Project Name	Description	Project Type (Firm/Non-Firm)	Status of System Impact Study (SIS)	Interconnection Queue Number	Status of Article VII	Status of the Project	Proposed In-Service Date (MM/YYYY)
Moses Adirondack Smart Path Reliability Project (Phase-I)	Rebuild 78 miles of both Moses-Adirondack 1&2, built to 345 kV but operated at 230 kV	Firm	Completed	Q#566	Completed	Completed	05/2023
Y49 Life Extension and Modernization	Reconductoring a portion (10 miles) of the Y-49 345 kV circuit	Firm	NA	NA	Completed	Completed	05/2023
Fraser SVC Control Upgrade	SVC Control system and Relay Upgrades at Fraser 345 kV station/Replacement in Kind	Firm	NA	NA	NA	Under Construction	03/2024
St. Lawrence Breaker Replacement 115 and 230 kV	Replace Circuit Breakers at St. Lawrence 230 kV and 115 kV yards	Firm	NA	NA	NA	Under Construction	12/2025
Massena Live-Tank Breaker Replacement	Replacement of breakers at the Massena 765 kV substation	Firm	NA	NA	NA	Under Construction	12/2025
Marcy Convertible Static Compensator Replacement	Replacement of the Convertible Static Compensator at Marcy 345 kV substation	Non-Firm	NA	NA	NA	Concept	12/2024

NYPA Transmission Plan - Continued

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St. Lawrence 230/115 kV AT-2 Replacement	Replacement in kind	Firm	NA	NA	NA	Under Construction	09/2023
Plattsburgh 230/115 kV AT-1 Replacement	Replacement in Kind	Firm	NA	NA	NA	Under Construction	09/2023
Plattsburgh 115 kV Breaker Replacement	Replacement in Kind	Firm	NA	NA	NA	Under Construction	12/2028
Willis 230/115 kV Breaker Replacement	Replacement in Kind	Firm	NA	NA	NA	Under Construction	12/2028
Marcy 765/345 kV Breaker Replacement	Replacement in Kind	Firm	NA	NA	NA	Under Construction	12/2025
Astoria Annex 345 kV Shunt Reactors Replacement	Replacement in Kind	Non-Firm	NA	NA	NA	Planned	12/2025
Niagara 345/230 kV Transformer AT-3 Replacement	Replacement in Kind	Non-Firm	NA	NA	NA	Planned	12/2023
Niagara 345/230 kV Transformer AT-5 Replacement	Replacement in Kind	Non-Firm	NA	NA	NA	Planned	12/2024

NYPA Transmission Plan - Continued

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Q#580 – WNY STAMP Project	Load Interconnection (New 345 kV Substation and loop in two existing NYPA 345 kV lines DH1, DH2)	Firm	Completed	Q#580	NA	-	Summer 2024
Moses - Reynolds line back to service to supply Load	Load Interconnection Place MR3 115 kV line back in service	Firm	Completed	Q#979	NA	-	Winter 2024

- **The NYPA Transmission Plan and Design Criteria for Developer Connection to the NYPA Transmission System are posted here:**

<https://www.nypa.gov/power/transmission/regulatory-and-permitting>

Questions?

Thank you!