



**NY Power
Authority**

NYPA Transmission Plan Update

NYISO ESPWG

October 25, 2021

**Sunil Kumar Palla
Transmission Planning
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 (MMYY)
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	Under Construction	06/2023
Adding a new circuit breaker at Niagara 230 kV Substation	To eliminate a breaker-fault of losing Niagara 230/115 KV Transformers T1 & T2	Firm	NA	NA	NA	In-Service	12/2020
MSSC SSR Detection Project	Install SSR detection relays and a control logic scheme at NYPA Fraser Annex 345 kV substation to be integrated into the existing MSSC SPS	Firm	Completed	Q#781	NA	In-Service	4/2020

NYPA Transmission Plan - Continued

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 (MMYY)
Moses-Adirondack Advanced Power Flow Control Project	Install Advanced Power Flow Control device to control Line power flows	Withdrawn	Q#760 Withdrawn	Q#760 Withdrawn	Q#760 Withdrawn	Q#760 Withdrawn	Q#760 Withdrawn
Replacement of Niagara 230/115 kV Auto transformer #1	Replacement in kind	Firm	NA	NA	NA	In-Service	6/2020
St. Lawrence 230/115 KV AT-2 Replacement	Replacement in kind	Non-Firm	NA	NA	NA	Planned	09/2022
Plattsburgh 230/115 kV AT-1 Replacement	Replacement in Kind	Non-Firm	NA	NA	NA	Planned	10/2022

NYPA Transmission Plan - Continued

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 (MMYY)
Astoria Annex 345 kV Shunt Reactors Replacement	Replacement in Kind	Non-Firm	NA	NA	NA	Proposed	01/2024
Y49 Life Extension and Modernization	Improvements to Y-49 345 kV circuit	Non-Firm	TBD	TBD	TBD	Concept	07/2023
Fraser SVC Control Upgrade	Fraser SVC Control system and Relay Upgrades at Fraser 345 kV station/Replacement in Kind	Non-Firm	NA	NA	NA	Planned	05/2023
Replace Niagara 345/230 kV Transformer AT-3	Replacement in Kind	Non-Firm	NA	NA	NA	Planned	12/2023
Replace Niagara 345/230 kV Transformer AT-5	Replacement in Kind	Non-Firm	NA	NA	NA	Planned	12/2024

NYPA Transmission Plan - Continued

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 (MMYY)
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
Marcy Convertible Static Compensator Replacement	Replacement of the Convertible Static Compensator at Marcy 345 kV	Non-Firm	TBD	TBD	NA	Concept	12/2024
Astoria Combined Cycle Plant GSU Refurbishment	Refurbishment	Firm	NA	NA	NA	In-Service	10/2020
Moses - Reynolds line back to service to supply Load	Place MR3 115 kV line back in service	Non-Firm	NA	NA	NA	Concept	12/2022

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

<https://www.nypa.gov/power/transmission/technical-information>

Questions?

Thank you!



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WNY STAMP Project Update

NYISO ESPWG

March 24, 2022

**Sunil Kumar Palla
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New York Power Authority**

Project Overview

- Western New York Science and Technology Advanced Manufacturing Park (“WNY STAMP”) is a 300 MW Load Interconnection Project. NYISO Queue Number is 580
- WNY STAMP Project loops the parallel Dysinger - Henrietta 345 kV Lines #1 and #2 in and out of the new STAMP 345 kV Station



Project Updates

- System Impact Study (Q#580) completed
- Facilities Study (Q#580) completed
- Construction will start soon
- Expected In-Service Date is Q4 2023

Questions?

Thank you!