



**NY Power
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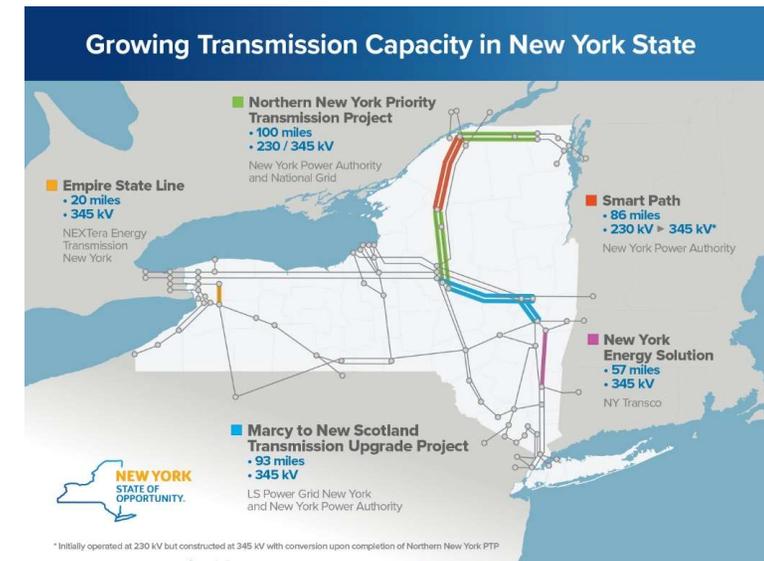
Northern New York Priority Transmission Project

Community Outreach Webinar

April 15, 2021

New York Power Authority (“NYPA”)

- Largest State public power organization in the nation
- 16 generating facilities in NY
- 1,400 miles of transmission lines in NY
- Finance operations through electricity revenue (no taxpayer dollars or state credit)
- We have completed 6,000+ energy efficiency projects statewide with more underway



NY Power Authority

nationalgrid

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- Currently delivers electricity and natural gas to more than 20 million people in New York, Massachusetts, and Rhode Island.
- Provides electric service to approximately 1.7 million customers in eastern, central, northern, and western New York.
- In New York, National Grid owns and operates more than 6,500 miles of transmission lines including:
 - Approximately 500 miles of 230-kV lines
 - 680 miles of 345-kV lines
 - 712 substations



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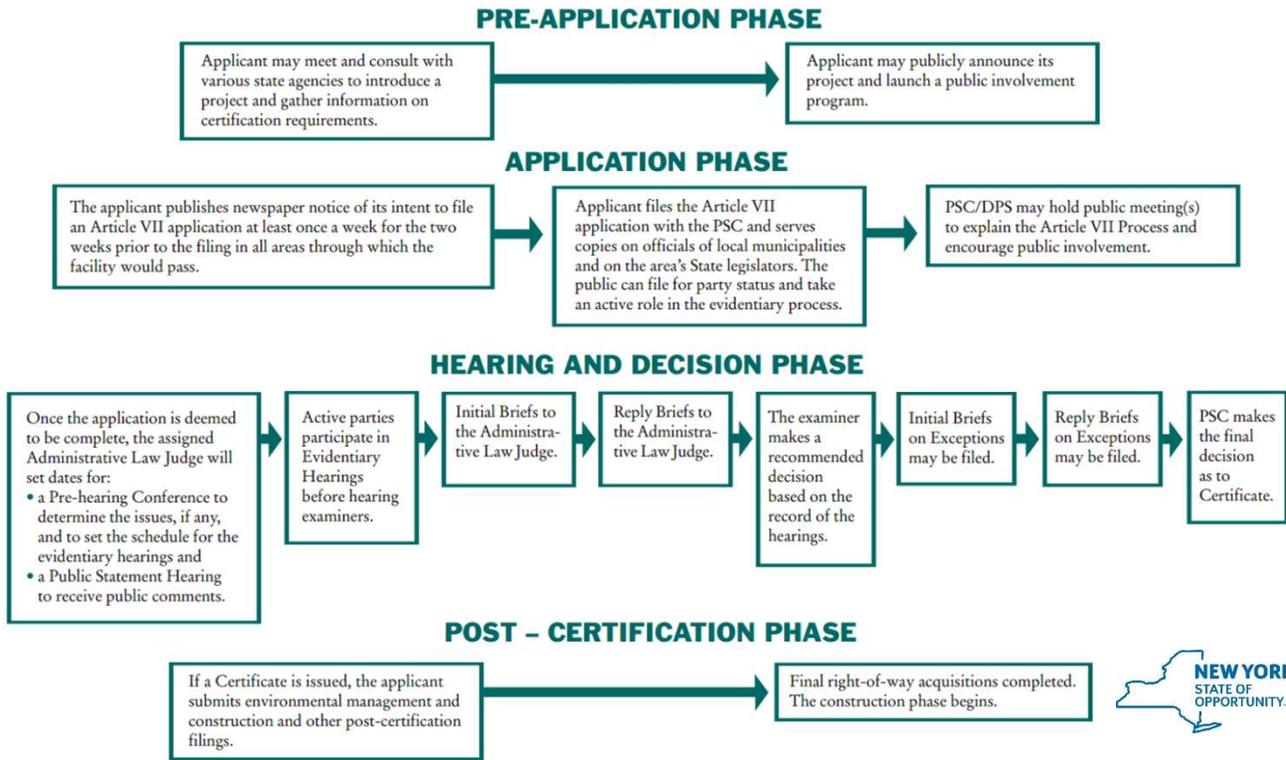
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Project History

- April 2020 – New York State Approved the Accelerated Renewable Energy Growth and Community Benefit Act
- July 2020 – NYPA filed a petition for Northern New York Priority Transmission Project with the Public Service Commission
- October 2020 – PSC designated the NNYPTP as a priority project

Article VII Regulatory Process

Major Transmission Facility Siting in New York State Article VII Process Flow Chart



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Northern New York Priority Transmission Project



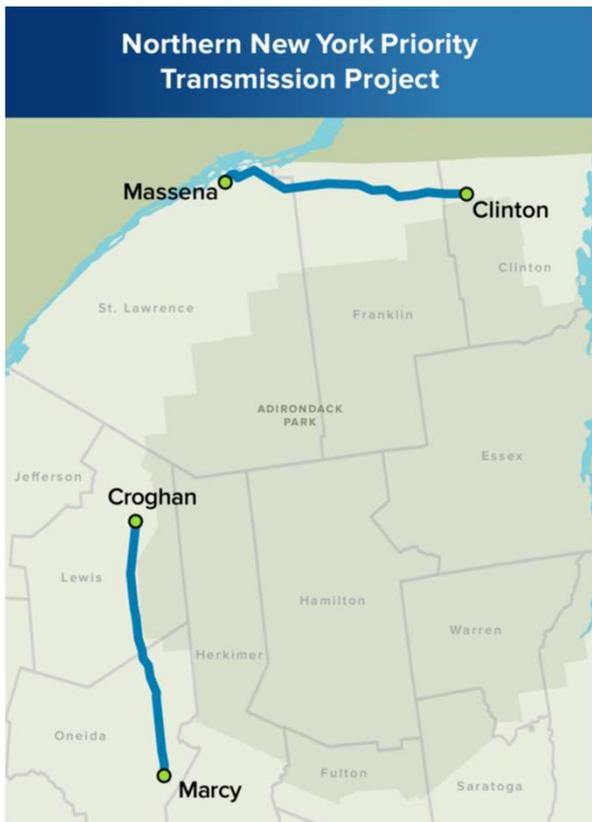
- 100 miles of transmission rebuild
- Increase power flow capacity upgrade to 345kV or 230 kV
- Upgrades and replacements of 10+ substations



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Northern New York Priority Transmission Project



The project will:

- Improve asset condition
- Increase transmission system resilience to severe weather events.
- Local job creation during construction

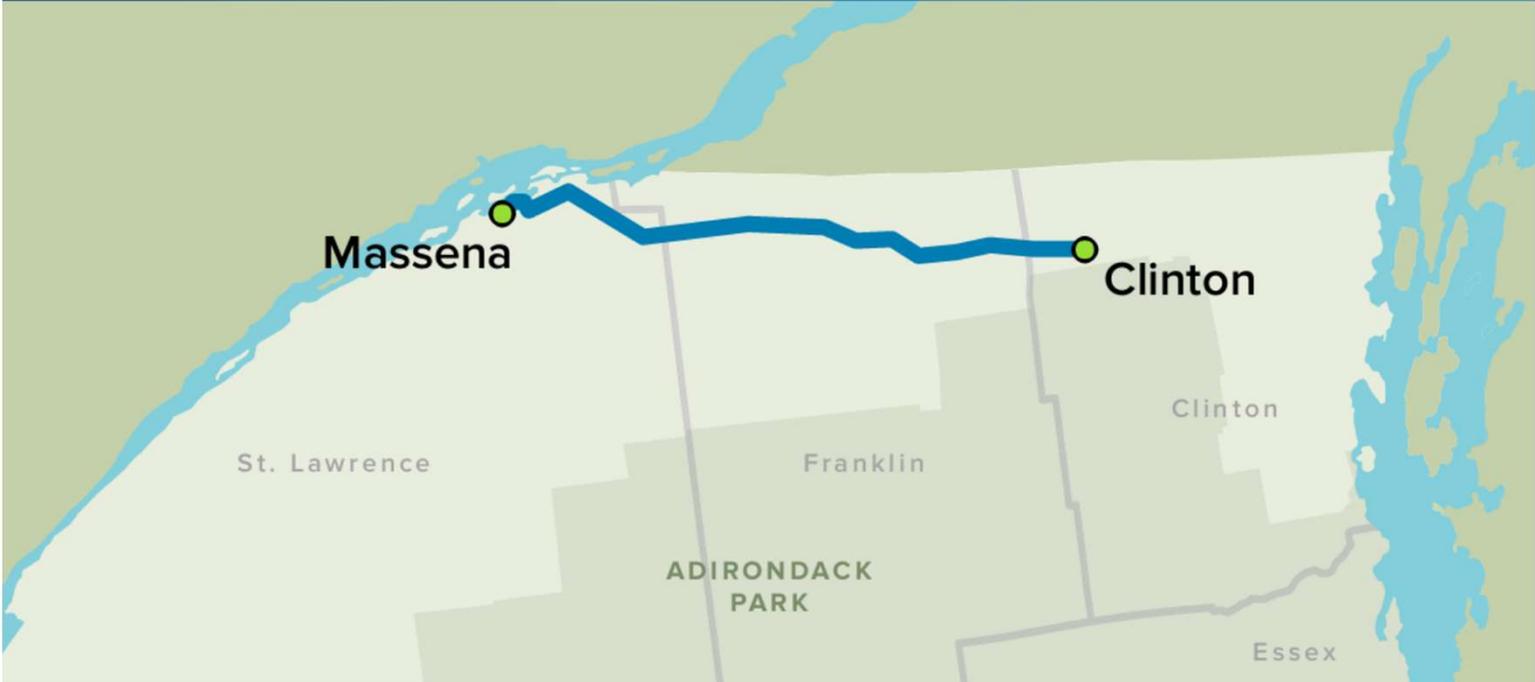


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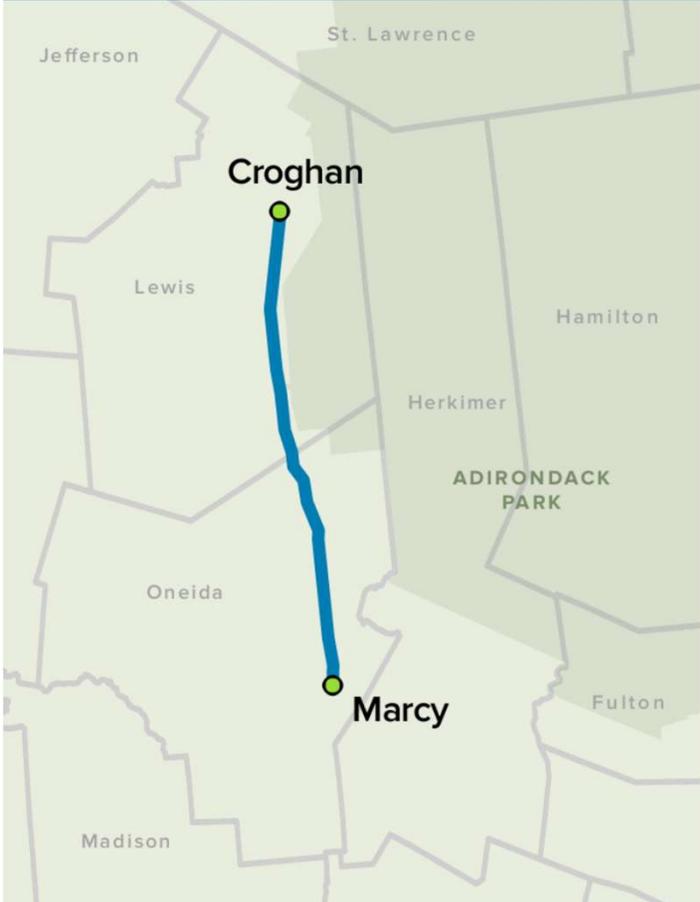
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Northern New York Priority Transmission Project

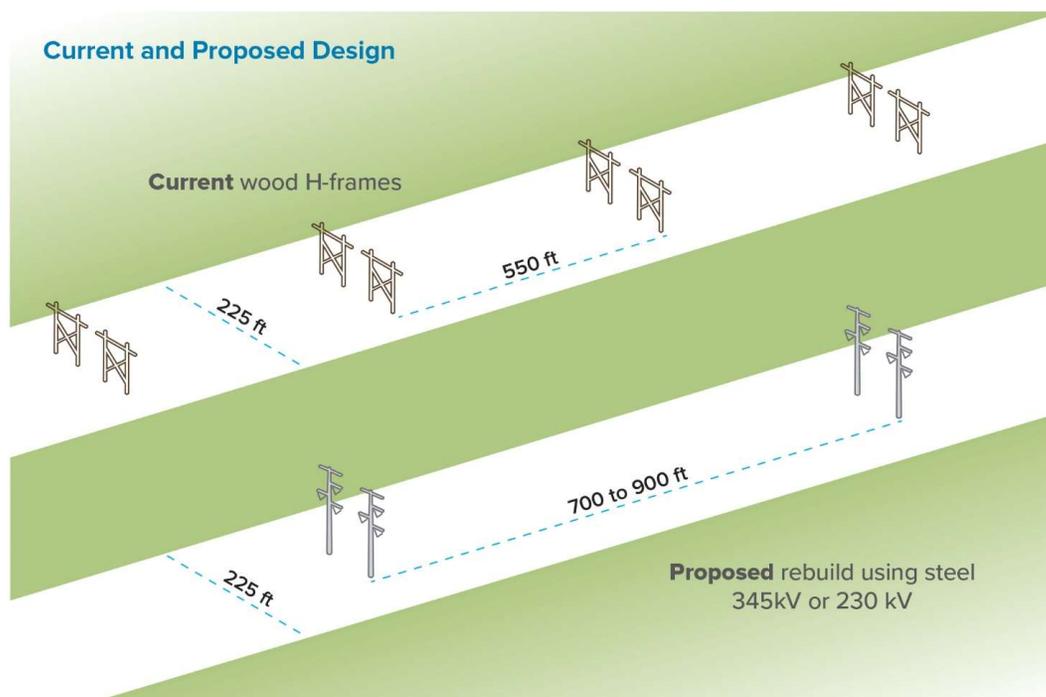
NORTHERN ALIGNMENT



Northern New York Priority Transmission Project SOUTHERN ALIGNMENT



What will the upgrades look like?

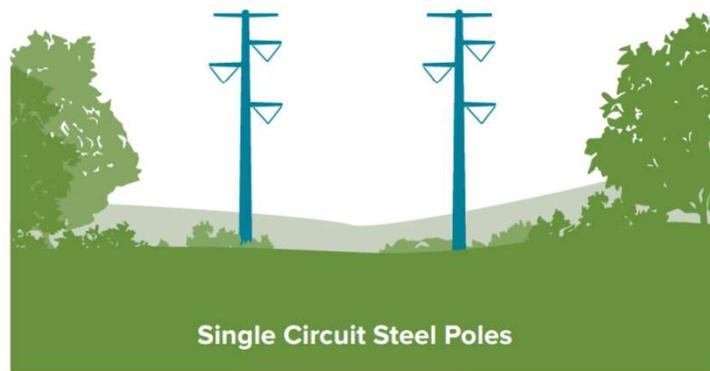
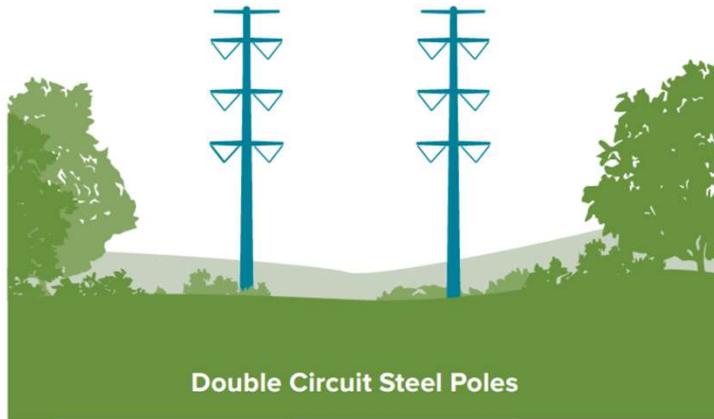


- Primarily within the existing rights-of-way (ROW)
- Longer spans, single poles: smaller footprint
- Reduction in visual clutter with removal of H-Frames



What will the upgrades look like?

Representative Tower Designs



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Line Construction

- Establish Project Storage Yards
- Environmental & Landowner Conscience Construction
- Access Road Rehabilitation and Installation
- Foundation Installation
- Tower Construction
- Helicopter Assisted Conductor Wire Installation
- Site Restoration



Project Storage Yards



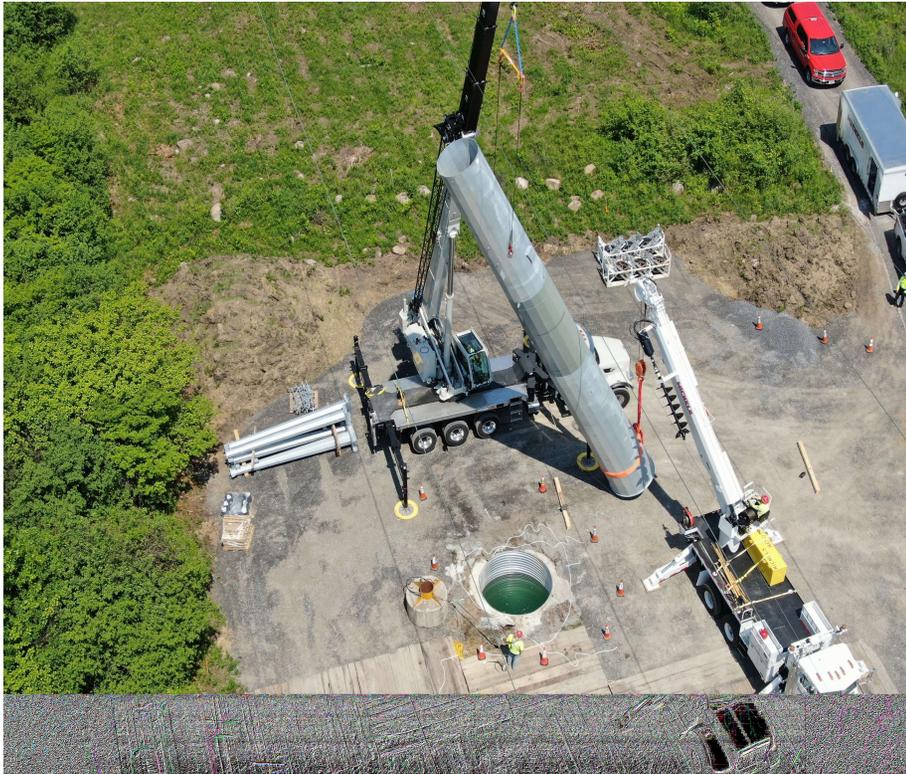
Access Road Construction



Right of Way and Foundation Installation



Tower Assembly



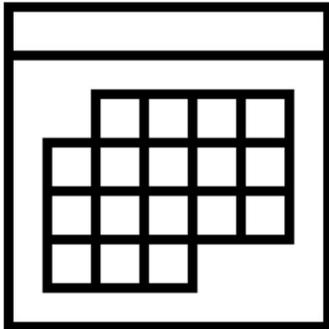
Helicopter Assisted Conductor Wire Installation



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Schedule



- Article VII Filing – Q2 2021
- Construction – Q3 2022 to Q4 2025
- Project In-Service – Q4 2025

Public Involvement

- Webinars:
 - Northern Alignment- April 6 at 2 p.m., April 8 at 6 p.m.
 - Southern Alignment – April 8 at 2 p.m., April 13 at 6 p.m.
- Contact us via phone
 - NYPA: (866) 697-8758
 - National Grid: (315) 401-0065
- Website: www.nypa.gov/nnyptp
- Emails: Karen.White@nypa.gov, Mario.Roefaro@nypa.gov, Stephen.Ramsey@nypa.gov, Amy.Rood@nationalgrid.com



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Questions



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