



Project Overview

Jennison Transmission Solution

Jennison Transmission Solution (JTS) Project Overview

Project Purpose

- Rebuild of Jennison Substation in the Town of Bainbridge
- Rebuild of two existing 115 kilovolt (kV) lines
- Rebuild/relocation of existing lines to reconnect from old substation to new location

Schedule

- Filing of Article VII Application: Q4 2024
- Pre-Construction Support Work: Q1 2025
- Construction Start: Q1 2027
- Construction Duration: 30-36 months (estimate)



Project Overview

As part of our commitment to provide safe and reliable service to all our customers, New York State Electric & Gas Corporation (NYSEG) proposes the Jennison Transmission Solution (JTS) Project. Towards that goal, and to address asset condition needs, NYSEG is planning a significant, multi-year electric transmission line project consisting of approximately 49 miles of rebuilt and re-routed electric transmission lines in portions of Chenango and Delaware Counties.

While we are investing in upgrades to meet the community's growing energy demands, we are working closely with our neighbors so that improvements are performed safely and with minimal disruption to the environment and the community.

Project Information Line: 1.877.245.6790

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Website: JennisonTransmissionSolution.com

NYS PSC Case 24-T-0677

Project Purpose and Need

The JTS includes the rebuild of the Jennison Substation in the Town of Bainbridge, and the rebuild of two existing 115 kilovolt (kV) lines, along with the rebuild/relocation of existing lines to reconnect from the old substation to the new location.

The Project is a multi-faceted solution which addresses not only reliability and resiliency needs, but also critical asset condition issues. This upgrade will enable increased energy resources into the service provided to New York customers. It would also facilitate satisfying several previously identified Bulk Electric System (BES) reliability needs detailed in prior studies including the 2018 North American Electric Reliability Corporation (NERC) BES Assessment and its subsequent updates. The system reinforcements are designed to improve a wide area of regional reliability in line with the Company's mission to provide NYSEG customers with reliable energy and a commitment to the well-being of our communities.

Project Scope

- The proposed substation work includes the full rebuild/relocation of the Jennison Substation in the vicinity of Mt. Pleasant Drive in the Town of Bainbridge.
- The proposed electric transmission line work includes:
 - ✓ Construction of the rebuilt Line 946, primarily along or at an offset from the existing right-of-way, from the rebuilt Jennison Substation to the East Norwich Substation, in the vicinity of East River Road, running generally south to north in the Towns of Bainbridge, Guilford and Norwich, a distance of approximately 21.4 miles. A portion (approximately 6.7 miles) of the existing Line 946 will be redesignated Line 734 after construction of the North Pond Substation
 - ✓ Construction of the rebuilt Line 949, along the existing right-of-way, from the rebuilt Jennison Substation to Structure 949/182 (Eastern Terminus) in the Town of Hamden outside of the Fraser Substation in the Town of Delhi, running generally west to east in the Towns of Bainbridge, Sidney, Franklin and Hamden, a distance of approximately 25.4 miles

- ✓ The relocation/rebuild of several lines, running a collective 2.3 miles, to reconnect from the old Jennison Substation to the new location, including:
 - a. Line 818: 0.48 miles – 46kV
 - b. Line 823: 1.06 miles – 46kV
 - c. Line 756: 0.07 miles – 115kV
 - d. Line 919: 0.08 miles – 115kV
 - e. Line 943: 0.13 miles – 115kV
 - f. Line 954: 0.49 miles – 115kV

- **In addition to this session, the Project Team has held other two public information sessions; one at the Norwich Library and another at the Sidney Library in April 2025.**
- **Copies of the filings and maps are available at public libraries in Norwich, Bainbridge, Sidney, Franklin and Delhi.**
- **Additionally, a Project Fact Sheet and other information is available in a dedicated Project website: www.JennisonTransmissionSolution.com**

Regional Benefits

- The Project would alleviate constraints on the local transmission system while paving the way for future generation facilities to connect to the power grid.
- The Project would generate many economic benefits to the community during and after construction.
- The most direct local economic impact would come from employment and property taxes associated with Project construction. Worker income would be spent locally on goods and services, such as housing, healthcare, and food, while property taxes would support local communities.
- The upgrades will improve the reliability and resiliency of the entire transmission system.

Permits

- NYS Public Service Commission – Article VII Certificate of Environmental Compatibility and Public Need, and Approval of Environmental Management & Construction Plan (EM&CP)
- U.S. Army Corps of Engineers – Federal approval
- Federal Aviation Administration – Notice of Proposed Construction or Alteration
- NYS Department of Environmental Conservation – SPDES General Permit for Discharge from Construction Activities
- NYS Department of Transportation – Utility Work Permit
- Other permits as may be necessary

Project Facts

Municipalities:	Towns of Norwich, Guilford, Bainbridge, Sidney, Franklin and Hamden
Counties:	Chenango and Delaware

Estimated Timetable *(subject to change)*

Initial Field Work:	Q4 2022
Filing of Article VII Certificate and Other Initial Permit Apps:	Q4 2024
Construction Start:	Q1 2027
Construction Duration:	30-36 months (estimate)

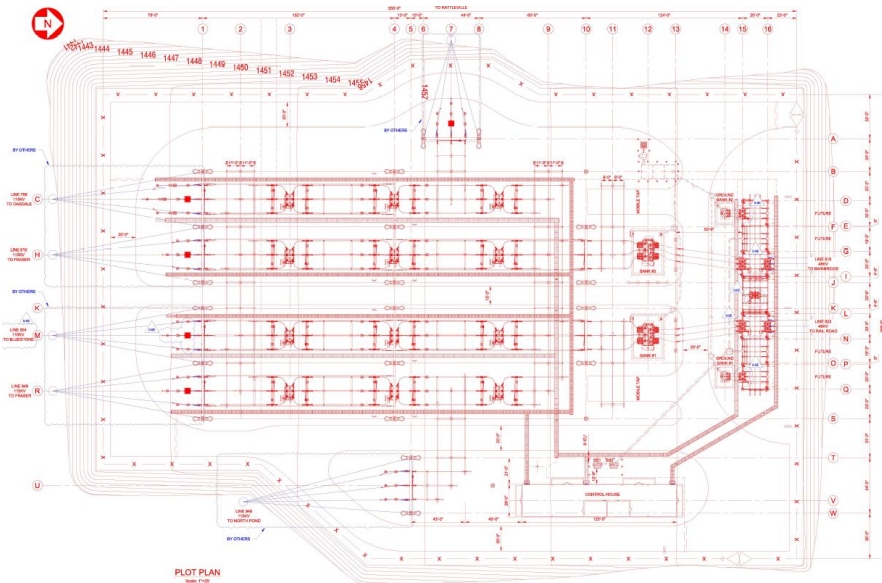


New Station location



Associated with the substation relocation is the line work which includes the relocation/rebuild of several lines, running a collective 1.75 miles, to reconnect from the old Jennison Substation to the new location, including:

- a. Line 818: 0.48 miles – 46kV
- b. Line 823: 0.46 miles – 46kV
- c. Line 756: 0.1 miles – 115kV
- d. Line 919: 0.1 miles – 115kV
- e. Line 943: 0.13 miles – 115kV
- f. Line 954: 0.48 miles – 115kV





Existing ROW looking west from Franklin-Walton Road
(Photo Date: October 2, 2023)



Simulation of Proposed Line on Existing ROW looking west from Franklin-Walton Road



Existing ROW looking northeast from Pine Hill Road (Photo Date: October 2, 2023)



Simulation of Proposed Line on Existing ROW looking northeast from Pine Hill Road



Existing ROW looking east from Interstate 88 (Photo Date: October 2, 2023)

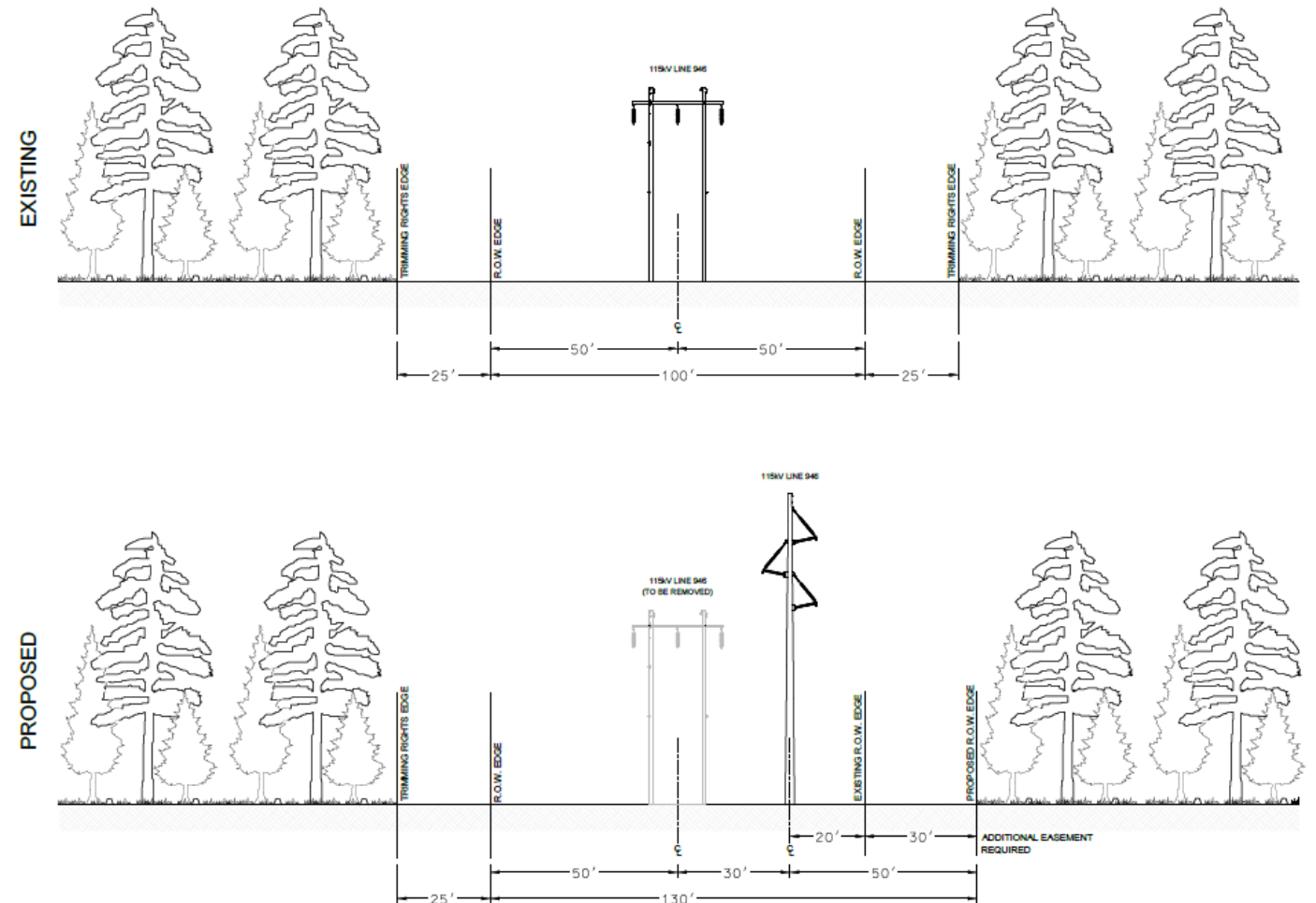


Simulation of Proposed Line on Existing ROW looking east from Interstate 88



- Part of the project will require a need to expand the Right of Way along the Line 946. NYSEG will be in contact with landowners to further describe the impacts to each property. Property rights will be reviewed, and additional easements will be required.

SEGMENT 15
LINE 946 STRUCTURE #91 TO STRUCTURE #101
2.2 MILES
(LOOKING SOUTH)





- The new Line 946 constructed on an offset will reduce additional instances of temporary construction that would also come with tighter outage restrictions, NYSEG will need to amend the current easements to allow for the expansion of ROW into the previously designated trimming rights edge area and beyond to allow for a ROW 130ft in width.

SEGMENT 11
LINE 946 STRUCTURE #20 TO STRUCTURE #59
4.6 MILES
(LOOKING SOUTH)

