



Steuben Chemung Area Transmission Enhancement (SCATE) – Lines 68, 69, 72

Project Overview

New York State Electric & Gas Corporation (NYSEG) is in the planning stages of a significant, multi-year electric transmission system project, which we call the Steuben Chemung Area Transmission Enhancement (SCATE) Project.

While making investments to improve system performance and update system assets to improve system resiliency, we are working closely with our neighbors to ensure that all improvements are performed with minimal disruption to the environment and the communities we serve.

Project Information Line: 877-209-2332

Refer to: Steuben Chemung Area
Transmission Enhancement

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Project Need

The SCATE Project will help New York State meet its energy goals. This project will rebuild approximately 50 miles of 230 kV electric conductors and structures on an offset from the existing lines' centerlines. The existing right-of-way will be utilized as much as possible to reduce any new impact to landowners.

Line 68 is a 230 kV transmission line that is 24.0 miles long and runs from Canandaigua Substation to Stoney Ridge Substation. The infrastructure is over 60 years old and is approaching the end of its useful life.

Line 69 is a 230 kV transmission line that is 1.3 miles long and runs from Hillside Substation to Watercure Substation. Line 69 is on double circuit lattice towers with 230 kV Line 72 for 0.8 miles near Hillside Substation. The infrastructure is over 55 years old and is approaching the end of its useful life.

Line 72 is a 230 kV transmission line that is 26.9 miles long and runs from Hillside Substation to Stoney Ridge Substation. Line 72 is on double circuit lattice towers with 230 kV Line 69 for 0.8 miles near Hillside Substation. The infrastructure is over 60 years old and is approaching the end of its useful life.

Construction Timeline

- Initial Field Work: September 2023
- Filing of Article VII Certificate and Other Initial Permit Applications: April 2025
- Anticipated Certificate Issuance: April 2026
- All Permits Obtained: estimated April 2028
- Construction Start: estimated May 2028
- In Service Date: estimated December 2032

Project Location Avoca, Bath, Campbell, Catlin,
Municipalities: Cohocton, Elmira, Hornby,
Horseheads, Savona, Veteran

Counties Impacted: Steuben and Chemung

Permitting Required: Article VII Permitting

Estimated Timetable *(subject to change)*

Construction Start Date: May 2028

In Service Date: December 2032

Project Purpose and Scope

- Rebuild NYSEG's 230kV L68,69,72 between Canandaigua, Stoney Ridge, Watercure, and Hillside Substations using single circuit steel H-frame & monopole structures with approximately 1.5 times larger conductor size and allowable capacity.
- As a result of the known asset condition needs and the deliverability overloads requiring larger capacity conductors on the lines 68, 72, and 69, the recommended solution for all three are full rebuilds of the assets. The scope of work for each line is as follows:
 - Line 68 - Rebuild on a 65' offset. No new ROW is anticipated for this solution.
 - Line 72 - Rebuild on a 65' offset in existing ROW. Due to ROW congestion near Hillside Substation and anticipated outage restrictions, Line 72 will be rebuilt by a combination of upgrading existing transmission towers and using new caisson foundation steel monopoles.
 - Line 69 - Due to ROW congestion near Hillside Substation and anticipated outage restrictions, Line 69 will be rebuilt by a combination of upgrading existing transmission towers and using new caisson foundation steel monopoles.

Regional Benefits

- Consists of "Local" Transmission System upgrades required to support New York's energy goals.
- The Project would remove bottlenecks on the local transmission system and allow existing and projected future generation facilities to connect to the power grid.
- The Project would generate numerous ancillary economic benefits to our community partners.
- The most direct infusion to the local economy would come from employment opportunities associated with construction of the Project and of future generation facilities. Worker income would be spent in local communities on consumer goods and services such as housing, healthcare, and food, while property taxes would directly support the communities in which the Project and future renewable generation facilities are located.
- The Project is needed for NYSEG to continue to ensure electric generation deliverability and capacity throughout its Hornell and Elmira Divisions. The project also upgrades assets that are near the end of their useful life.

Permits

- NYS Public Service Commission
- U.S. Army Corps of Engineers
- Federal Aviation Administration
- NYS Department of Environmental Conservation
- NYS Department of Transportation
- Other State and Local Permits as may be necessary

