



NEW YORK STATE ELECTRIC & GAS Circuit 590 Rebuild

CONTACT

Project Information Line: **833.551.4100**

Refer to: **Circuit 590 Rebuild Project**

Website: **NYSEG > Reliable Service**

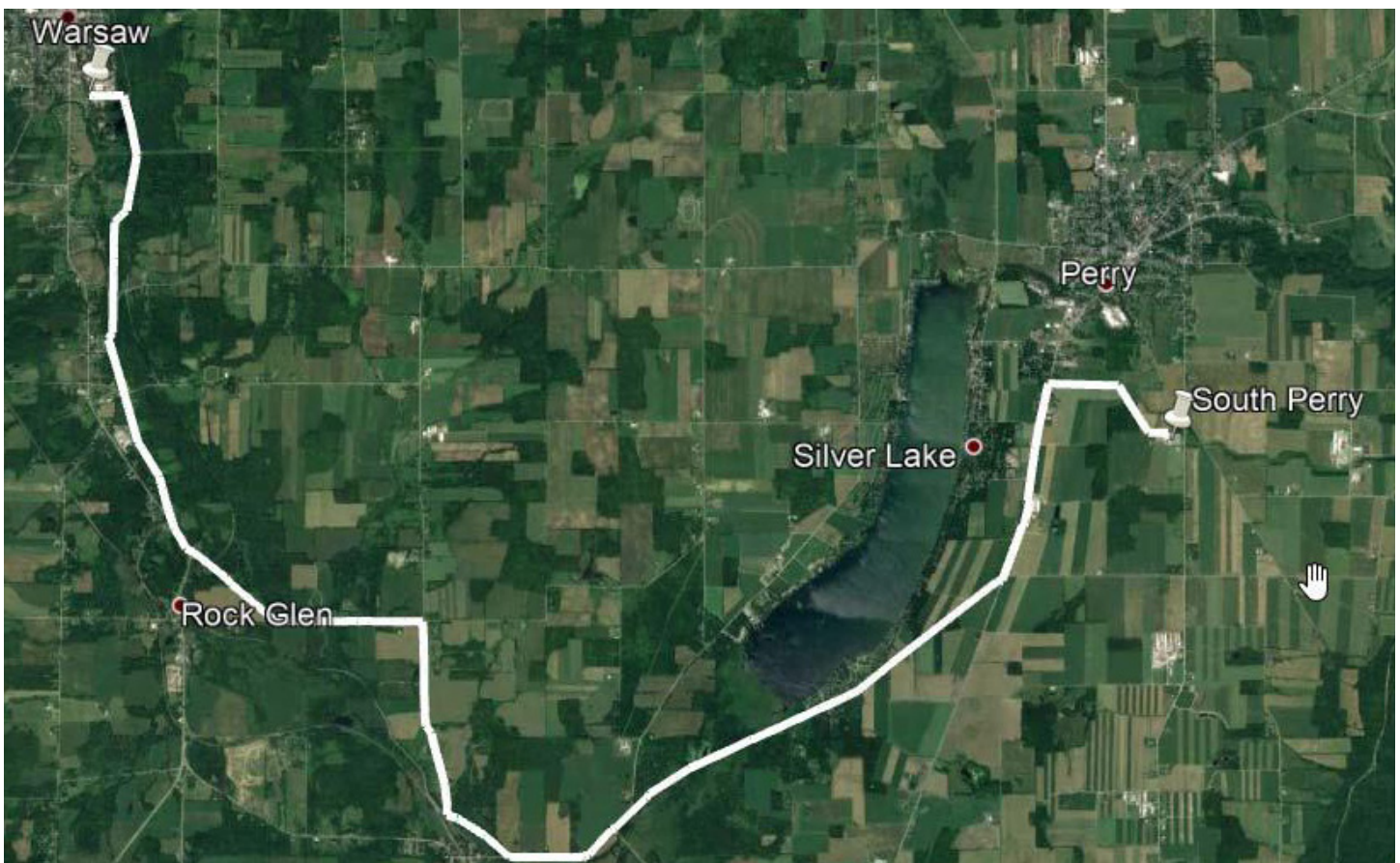
PROJECT DESCRIPTION

As part of our commitment to provide safe, reliable service to all our customers, New York State Electric & Gas Corp. (NYSEG), in conjunction with our parent company – AVANGRID, is updating the delivery system in our service areas. These upgrades comply with new electric transmission reliability requirements. While making investments to meet the community's growing energy demands, 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.

BUSINESS NEED/SCOPE OF WORK

To comply with more stringent reliability standards issued by the North American Electric Reliability Corporation (NERC), we are planning an upgrade of certain components of the electric delivery systems in the towns of Warsaw, Gainesville and Castile. Specifically, we will be rebuilding Circuit 590 to improve the asset condition, reliability, and maintenance requirements of the line for NYSEG customers.

This upgrade will enhance the integrity of the entire transmission system in your local area.



Proposed Circuit 590 Rebuild from Warsaw to South Perry



Field assessments and structural analysis conducted in February 2019 in support of the rebuild project

PROJECT FACTS

Municipalities:	Warsaw, Gainesville, Castile
County:	Wyoming
Permitting:	Federal, State, Local and Railroad

ESTIMATED TIMETABLE *(subject to change)*

Initial Field Work:	Completed
Construction Start:	Q1 2023
In Service Date:	Q3 2025

PROJECT SCOPE

- Rebuild the 12.5 mile existing pole line between South Perry Substation and Warsaw Substation.
- Optical Ground Wire (OPGW) cable will be included in the new builds to provide grounding and communication functions.
- Replace aged or deteriorated equipment at the substation remote ends related to Circuit 590.
- Nine miles of distribution lines to be transferred to the new poles.

BENEFITS TO THE REGION

- The upgrades will improve the reliability and resiliency of the entire transmission system, ensuring that the safe and reliable distribution of power is maintained.
- The upgraded poles and equipment will meet the growing demand for additional power in the region.
- The installation of Optical Ground Wire (OPGW) cable in the new builds will provide more efficient communication capabilities.