



**RG&E**

An AVANGRID Company

## ROCHESTER GAS AND ELECTRIC Station 168 Service Area Reinforcement Project

### CONTACT

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### PROJECT OVERVIEW

As part of our commitment to provide safe, reliable service to all our customers, Rochester Gas and Electric Corporation (RG&E), 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.

### PROJECT PURPOSE AND NEED

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 Village of Manchester and the Town of Farmington. We are rebuilding Station 168 to increase capacity, improve asset conditions and enhance the reliability requirements of the station for our valued RG&E customers.

This modernization and sectionalization effort will improve the overall resiliency of the grid while upgrading the technological components and improving the aesthetics of the substation.



Located at 155 State Street in the Village of Manchester, NY, the substation provides essential power to over 23,000 customers. The project's objective is to improve reliability and system contingency to the service area during summer and winter peak operating conditions.



Modernization of Substation 168 will include an updated control house with the latest gas insulated switchgear (GIS) technology capabilities, new concrete foundations for equipment and two state-of-the-art transformers to replace the current outdated versions. Images represent generic examples of similar site components.

**STATION 168 SERVICE AREA REINFORCEMENT PROJECT**  
**SCOPE INCLUDES:**

- Sectionalize National Grid’s 115 kV trunk transmission lines.
- Install a new control house building with the latest gas insulated switchgear (GIS) technology.
- Install two new 115/34.5kV transformers to replace the current outdated transformers.
- Modify the fence line to accommodate the substation yard expansion.
- Install perimeter and substation security/safety lighting.
- Relocate the driveway serving OldCastle Lawn & Garden to the West of RG&E’s property line.
- Upgrade capabilities to continue serving approximately 23,000 residential and commercial customers.

**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 transformers and Control House will meet the growing demand for additional power in the region.
- Sectionalization and modernization allows the utility to remotely operate switches to manage the circuits between substations when necessary.

PROJECT LOCATION	
Municipalities:	Village of Manchester and the Town of Farmington
County:	Ontario
Permitting:	Federal, State, and Local

ESTIMATED TIMETABLE <i>subject to change</i>	
Initial Field Work:	Completed
Construction Start:	Q4 2021
In Service Date:	Q3 2024