

## Rochester Gas & Electric Station 192 Upgrades

11763 Ridge Road, Wolcott, NY

### 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 Information Line:** 1.888.553.5411

**Refer to:** Station 192

**Email:** outreach@rge.com

**Website:** RG&E > Reliable Service

### 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 Town of Wolcott. Specifically, we will be rebuilding Station 192 to improve its reliability, upgrade its infrastructure, and enhance its capabilities on behalf of our valued RG&E customers in the surrounding area.

The rebuild and expansion of this upgrade project will also increase the overall resiliency of the entire system while simultaneously modernizing the substation's technological components.



*Located at 11763 Ridge Road in the Town of Wolcott, NY, the substation provides essential power to approximately 600 valued customers. The objective of the proposed upgrade, rebuild and expansion effort is to improve reliability (increased capacity), update the station's infrastructure, and reinforce the comprehensive network in the Lakeshore region.*

## Upgrade Project Scope Includes

- Building the new substation adjacent to the existing substation, which will be demolished.
- Upgrading the existing transformer with a new, more efficient 14MVA transformer to support the existing circuit.
- Replacing the existing air-insulated switchgear (AIS) with new 38kV and 15kV Gas-insulated Switchgear (GIS).
- Installing a new Gas-insulated Switchgear (GIS) Control House.
- Conversion of 3-4kV distribution circuits to 12kV.
- Retaining wall installation to achieve proper grading for the new substation footprint.
- Installing new perimeter fencing around the new station footprint.
- Removing trees on the new property.

## Regional Benefits

- 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 transformer will enable the substation to meet the growing demand for additional power in the region.
- Modernization of the substation's technological capabilities will provide critical redundancy options throughout the network.



As part of the project's expansion, an adjacent property has been purchased and rezoned, so the current substation parcel and the new property are one.



As part of the upgrade, a new substation will be built on the acquired adjacent parcel and the equipment at the existing substation will be removed (center and bottom images). Having exceeded its peak load capacity in the past, the infrastructure upgrade to Substation 192 will include replacing the existing transformer with a new, more efficient model to support its three existing distribution circuits. The enhanced capacity will provide critical redundancy contingencies for adjacent circuits that are currently without adequate circuit reinforcements during high demand periods.

### Project Location

Municipalities:	Town of Huron and Wolcott
County Impacted:	Wayne
Permitting Required:	Local

### Estimated Timetable *(subject to change)*

Initial Field Work:	Q4 2022
Construction Start:	Q1 2024
In Service Date:	Q2 2025