

Rochester Gas & Electric Station 51 Upgrades

40 Topper Dr, Irondequoit, 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 51

Email: outreach@rge.com

Website: RG&E > Reliable Service

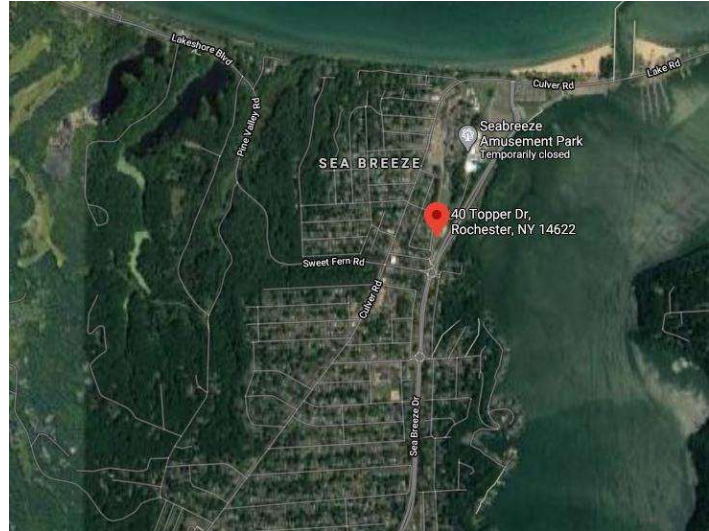
Project Purpose and Need

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 Irondequoit. Specifically, we will be rebuilding Station 51 to improve its reliability, upgrade its infrastructure, and enhance its capabilities on behalf of our valued RG&E customers – both residential and commercial (including local icon Seabreeze Amusement Park) in the surrounding area.

This upgrade project will improve the overall resiliency of the entire system while simultaneously modernizing the substation's technological components.



Located at 40 Topper Drive in the Town of Irondequoit, New York, the substation provides essential power to approximately 2,315 valued customers. The objective of the proposed upgrade effort is to improve reliability (reduced outages), update the station's infrastructure, and reinforce the comprehensive network in the Rochester region.



The infrastructure upgrade to Substation 51 will include replacing the existing transformer with a new, more efficient transformer to support the existing distribution circuit. Surrounded on three sides by Irondequoit Bay (to the east), Lake Ontario and Seabreeze Amusement Park (to the north), and Durand Eastman Park (to the west), load-relief options at this location are extremely limited.

Upgrade Project Scope Includes

- Rebuilding the existing substation:
 - Upgrading the existing transformer with a new, more efficient 10.5MVA transformer to support the existing distribution circuit.
 - Installing a new Control House.
 - Replacing the existing air-insulated switchgear (AIS) with new 11kV Gas-insulated switchgear (GIS) (to be installed inside the new control house).
 - All existing outdoor equipment and structures will be removed.
- Installing new and expanded perimeter fencing (footprint remains within our current 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.

Project Location	
Municipalities:	Town of Irondequoit
County Impacted:	Monroe
Permitting Required:	Local
Estimated Timetable <i>(subject to change)</i>	
Initial Field Work:	Q3 2025
Construction Start:	Q3 2025
In Service Date:	Q4 2026