



RG&E

An AVANGRID Company

Station 5 Substation Modernization Project

CONTACT

Project Information Line: **888.553.5411**

Refer to: **Station 5 Substation
Modernization Project**

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PROJECT OVERVIEW

As part of our commitment to provide safe, reliable service to all our customers, Rochester Gas & 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 reliability requirements. While making investments to help reliably meet the community's energy needs, 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

Aging infrastructure and more stringent safety standards have highlighted the need to upgrade RG&E's Station 5 facility at Lower Falls. Station 5 is unique in that it is both an electric substation as well as a hydroelectric generating facility, that creates clean, renewable electric energy for our valued RG&E customers.

Based on the condition and age of the existing electrical substation, a new state-of-the-art substation facility is being installed. This Substation Modernization Project will improve the overall resiliency of the electric grid while simultaneously upgrading the technological components of the substation.

In addition, this project allows full generating capacity of the station's three (3) hydroelectric generators, which interconnect to the substation and subsequently the electric grid within the City of Rochester and Monroe County.



Station 5 aerial view.

STATION 5 PROJECT SCOPE INCLUDES:

- Remove outdated electric substation equipment, which is all interior to the building.
- Install new state-of-the-art electric substation equipment and components, including gas-insulated switchgear (GIS) technology and modern micro-processor-based control systems.
- Modernize the electric substation and hydroelectric connections to continue serving thousands of residential and commercial customers across the region.

BENEFITS TO THE REGION

- The upgrades will allow for the distribution of clean, renewable hydroelectric energy from our very own Genesee River.
- The clean energy delivered from the substation to the area will continue to encourage and support expanded economic development.
- 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 modernization project continues to provide the utility with remote operations and monitoring capability of the substation and hydroelectric generating facility.

PROJECT FACTS

Municipalities:	Rochester, New York
County:	Monroe
Permitting Required:	Local
Location:	103 Seth Green Drive Rochester, New York 14621

ESTIMATED TIMETABLE <i>(subject to change)</i>	
Project Start:	Q3 2023
Project Completion:	Q2 2025
In Service Date:	Q1 2025



Station 5 powerhouse (top) at 103 Seth Green Drive, and aerial views from south (middle and bottom).