



**NYSEG**

An AVANGRID Company

## PROJECT FACT SHEET

# Oneonta South Area Improvements Project Phase 6: 115kV Transmission Line Segment 916 Rebuild

### CONTACT

Project Information Line: **833.551.4300**

Refer to: **Line 916 Rebuild**

Website: **OneontaSouthNYSEG.com**

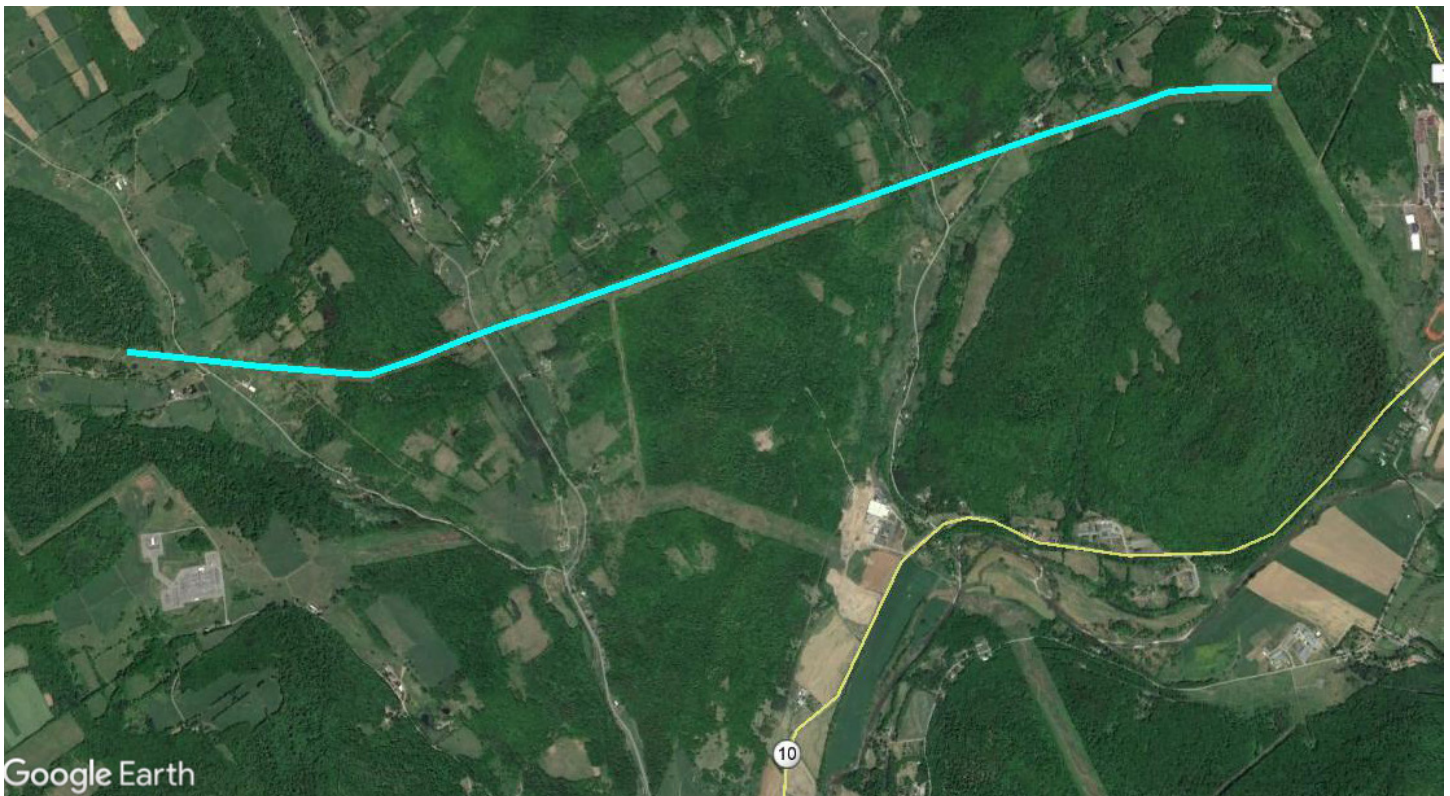
### PROJECT DESCRIPTION

As part of our commitment to provide safe, reliable service to all our customers, New York State Electric and Gas (NYSEG), in conjunction with our parent company – AVANGRID, is updating the electric transmission system in our service areas. These upgrades comply with new federal 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

In 2010 the Federal Energy Regulatory Commission (FERC) established a "Brightline" threshold that redefined Bulk Electric System (BES) transmission elements as those operating at 100 kilovolt (kV) and above. In response, the North American Electric Reliability Corporation (NERC) updated its reliability standards and issued a "Brightline Order".

To comply with more stringent reliability standards issued at the federal level, NYSEG is planning an expansion of the existing Fraser Substation; changes at the existing Delhi Substation; and reconfiguring, establishment and/or rebuild of supporting transmission lines. This upgrade will enhance the integrity of the entire transmission system in your local area.



Google Earth

Figure 1: Proposed Transmission Line Segment 916 Rebuild (Blue).

## PROJECT FACTS

Municipalities Impacted: Towns of Delhi and Hamden

County Impacted: Delaware

## ONEONTA SOUTH SOLUTION

- **Phase 1:** Fraser Substation Improvements
- **Phase 2:** 115kV Transmission Line Reroutes
- **Phase 3:** New 46kV Transmission Line 824 Segment
- **Phase 4:** Delhi Substation Improvements
- **Phase 5:** New 46kV Transmission Line 841
- **Phase 6:** 115kV Line 916 Segment Rebuild

## PHASE 6: 115KV TRANSMISSION LINE RE-BUILD

### PROJECT SCOPE

- A rebuild of ~4 miles of 115kV transmission line 916 is necessary between the existing Fraser Substation and the Delhi Substation.
- The line will be re-established in its existing ROW and will be rebuilt and reconfigured from H-frame structures to steel monopole structures in an effort to reduce the ROW width requirements for the line.
- This effort will work in parallel with Phase 5 of the Project to reduce the width of cumulative ROW required for Project Phases 5 and 6 which will be established adjacent and contiguous to one another within a common ROW.
- The line construction will cross West Platner Brook Road, Fraser/Treadwell Road, Peakes Brook Road, Bell Hill Road and Route 10.

## REGULATORY PERMITS AND RESOURCE REVIEWS

- **Federal:**
  - Federal Aviation Administration (FAA): Aviation Hazard Review
  - U.S. Army Corps of Engineers (USACOE): Clean Water Act (CWA) Section 404 Permit
  - U.S. Fish and Wildlife Service (USFWS): Endangered Species Impact Review
- **New York State:**
  - New York State Environmental Quality Review Act (SEQR): Coordinated Review; Lead Agency Town of Delhi
  - New York State Department of Environmental Conservation (NYSDEC): State Pollutant Discharge Elimination System (SPDES) Permit for Stormwater Discharges from Construction Activities

- NYSDEC: CWA Section 401 Water Quality Certification
- NYSDEC: Article 15 Permit
- New York State Office of Parks Recreation and Historic Preservation (OPRHP) State Historic Preservation Office (SHPO): Cultural Resource Impact Review
- New York Natural Heritage Program (NYNHP): Rare Species and Significant Natural Communities Review

- **Local and Regional:**

- Delaware County: Municipal Law 239 Review
- New York City Department of Environmental Protection (NYCDEP): Stormwater Pollution Prevention Plan (SWPPP) Approval

## ESTIMATED TIMETABLE *(subject to change)*

Construction Start: February 2023

Completion Date: October 2023

## BENEFITS TO THE REGION

- The project contributions will improve the reliability and resiliency of the transmission system in the Fraser/Delhi Region, ensuring that safe and reliable distribution of power is maintained.
- The energy reliability improvements generated by the project can support expanded economic development.