



NYSEG

An AVANGRID Company

PROJECT FACT SHEET

Oneonta South Area Improvements Project Phase 5: New 46kV Transmission Line 841

CONTACT

Project Information Line: **833.551.4300**

Refer to: **Line 841**

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.

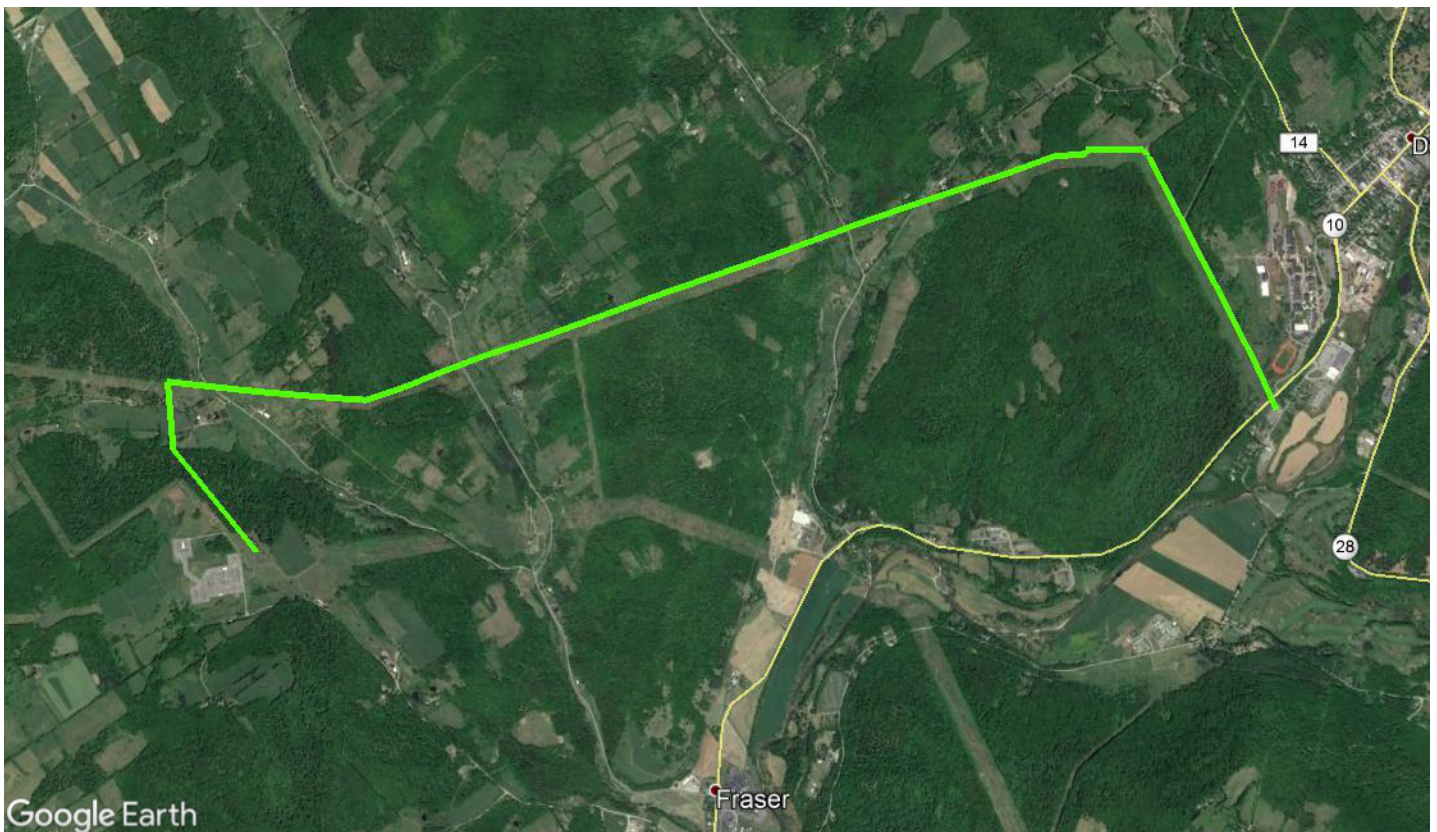


Figure 1: Proposed New 46kV Transmission Line 841 (Green).

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 5: NEW 46KV FRASER TO DELHI TRANSMISSION LINE PROJECT SCOPE

- A proposed ~5 mile 46kV transmission line 841 is necessary between the existing Fraser Substation and the Delhi Substation.
- The line will parallel an existing right-of-way (ROW) corridor containing NYSEG overhead transmission lines for portions of their proposed alignments.
- The line construction will cross West Platner Brook Road, FraserTreadwell 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.