



CENTRAL MAINE POWER

An AVANGRID Company

RELIABILITY UPGRADES North Anson Substation

905 River Rd, North Anson, ME 04958

CONTACT

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PROJECT OVERVIEW

Central Maine Power Company (CMP), in conjunction with its parent company AVANGRID, is undertaking an effort to upgrade substations throughout its service territory, including one in North Anson, that has aged and has condition and capacity issues in need of attention.

As part of CMP's Substation Modernization Plan, the North Anson Substation, located at 905 River Road, needs improvement so we can continue to provide safe, reliable, and stable service to meet our customers' energy needs.

CMP is working with communities and reaching out to neighbors to ensure that all improvements are performed safely and with minimal disruptions to their daily lives, the community, and the environment.

PROJECT NEED

North Anson Substation has aged, and the addition of new components along with the replacement of older ones will enhance functionality plus meet updated AVANGRID and National Electrical Safety Code (NESC) standards..

PROJECT PURPOSE

CMP plans to work within the existing yard to accommodate the needed improvements. We'll access the property from a shared driveway off the River Road.

The modernized substation will be outfitted with new infrastructure a new 34/12.47kV transformer, a new 12.47kV bus section, two new 12.47kV reclosers, a new 115kV circuit switcher, and a 12.47kV tie breaker, and oil containment system, and site lighting. Upgraded substation operations technology will be installed in a new, locked cabinet, as well as enhanced remote substation monitoring capabilities and connections to CMP's control center.

All components will be situated behind security fencing that will be monitored by CMP. For security reasons, the substation will be visible through the fence. A substation manager periodically will be on site for routine maintenance and inspections.



North Anson Substation, 905 River Road (Google Map View) - December 2022

ESTIMATED TIMETABLE *(subject to change)*

Project Start: Jan 2023

Project Completion: April 2023

In Service Date: April 2023

PROJECT LOCATION

Municipalities: North Anson

County: Fairfield

WORK HOURS

No work will be done in the dark. Construction noise will be present. CMP follows local noise ordinances

PROJECT FEATURES

- Install a new 34kV/12.47kV transformer
- Install a new 12.47kV bus section
- Install two new 12.47kV reclosers
- Install a new 34kV circuit switcher
- Install a new 12.47kV tie-breaker
- Replace the existing station transformer located on the existing 12.47kV bus
- Installation of a new P&C Cabin

BENEFITS TO THE REGION

- An improved substation that reliably and safely meets customers' electricity needs.
- Capacity to provide electricity for economic development and growth.



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