

## Automation Program

Construction: 2025 through 2027

### Project Overview

Central Maine Power (CMP) is investing in smart technology upgrades to improve service in your community and reduce the length of time customers may experience a power outage. This work is crucial as Maine faces more extreme storms that may potentially impact the state's energy grid.

New advanced devices, including what are known as "automated switches", are being installed in strategic locations on CMP's grid. Specifically, these devices allow staff in CMP's Energy Control Center (ECC) to remotely redirect power around damaged sections of line. This option provides the capability to restore service to customers in some situations in as little as five minutes.

This smart technology is being installed on streetside lines, on transmission lines and in substations.

### Project Scope

In 2025, CMP will be upgrading its grid with hundreds of smart technology devices in communities throughout its service area. Our crews will need at least three days to do the bulk of the work and will return to the sites again for final steps. The Automation Program includes:

#### Distribution Lines

CMP is strengthening its streetside lines in nearly 50 southern Maine communities including Bath, Brunswick, Gorham, and the Portland area by using smart technology and stronger poles. In 2025, crews will install 250 smart devices on top of 100 that were installed in 2024.

In most locations, current structures will be replaced with new, taller wooden poles and device control boxes will be installed.



An automatic recloser

#### Transmission Lines

These lines bring energy to large numbers of customers. Along with substations, they form the "backbone" of Maine's energy grid. Adding smart devices to these lines allows us to restore large numbers of customers quickly. Recently, CMP was able to bring power back to 2,800 customers in the Norway and Woodstock areas in under three minutes.

Stronger steel poles and durable fiberglass crossarms, better prepared for extreme storms will replace wooden structures.

#### Substations

Smart devices, new sensors, wire upgrades, and/or batteries will be installed at substations to improve system reliability. Most of this work will take place inside substations and/or on poles directly outside.

### Pole Placements and Heights

The new structures will be five to 15 feet taller.

### Estimated Timetable: 2025

- **Construction Start:** Early 2025
- **Completion:** End of 2025

### FOR MORE INFORMATION

#### Project Information Line:

1.888.267.0831 and refer to Automation

**Email:** [outreach@cmpco.com](mailto:outreach@cmpco.com)

**Website:** [cmpco.com/reliabilityprojects](http://cmpco.com/reliabilityprojects)

Most of CMP's construction work will be completed without customers experiencing an interruption of service.

CMP will be working streetside for distribution installations, in our corridor for transmission line installations, and inside or directly outside substations. For line work, crews will be working in our easements, right of ways, or areas where access rights have been given by landowners.

Municipal permits will be secured in accordance with town or city ordinances, and state and federal permits will be obtained, if needed.

Timber ground mats will be used, especially in environmentally sensitive areas, to safely disburse the weight of construction vehicles and not disrupt the land below them.

Trees and vegetation will be trimmed in the right-of-way, as needed.

At CMP, safety is a priority – yours and our crews. Our right-of-way and road locations will be active construction zones. Please do not enter construction zones. For work along streets, flaggers and signs will notify pedestrians and motorists of work zones.

After work is completed, customers may see two poles. Sometimes this happens because other infrastructure like telecommunications lines still need to be moved to the new pole. As CMP installs new poles, it notifies these other companies that it is possible to transfer lines to the upgraded pole.

Work activity periods will comply with town ordinances. Typical construction noise, including drilling, will occur. Abutters may hear heavy equipment (bucket trucks, cranes, and excavators) during construction activities.

- Improved reliability to meet customers' electricity needs
- New structures

In 2025, CMP is installing smart-technology devices in these communities. For Distribution Automation, the number of devices being installed is shown. Schedule and device count is subject to change.

<b>Distribution Automation</b>	Limerick (1)	Westbrook (6)	Union	Madison
Arrowsic (1)	Lisbon (6)	Windham (9)	Waterboro	Monson
Arundel (1)	Manchester (1)	Wiscasset (7)	Wiscasset	North Berwick
Bath (10)	Mount Vernon (1)	Woolwich (3)	Yarmouth	Pittsfield
Biddeford (5)	Nobleboro (1)	Yarmouth (10)	York	Portland
Boothbay (3)	North Falmouth (1)	York (5)		Rockland
Boothbay Harbor (6)	North Yarmouth (2)			Rockport
Bristol (2)	Ogunquit (7)	<b>Substation Automation</b>	<b>Transmission Automation</b>	Skowhegan
Brunswick (25)	Old Orchard Beach (1)		Arundel	South Portland
Buxton (5)	Peaks Island (1)	Bethel	Augusta	Topsham
Cape Elizabeth (3)	Phippsburg (1)	Buxton	Bethel	Wells
Cumberland (1)	Portland (13)	Hartland	Biddeford	Westbrook
Damariscotta (3)	Readfield (2)	Hollis	Bridgton	Woolwich
Falmouth (9)	Saco (11)	Kittery	Corinna	Yarmouth
Freeport (2)	Scarborough (19)	Oakland	Cumberland	
Georgetown (2)	South Bristol (1)	Pittsfield	Denmark	
Great Diamond (1)	Southport (1)	Scarborough	Embden	
Gorham (14)	South Portland (26)	Skowhegan	Hollis	
Harpswell (1)	Standish (8)	South Portland	Kennebunk	
Hollis (2)	Topsham (6)	Topsham	Livermore Falls	
Kennebunk (1)	Wells (4)			