



**CENTRAL MAINE
POWER**

RELIABILITY UPGRADES Bath-Washington Street Substation Bath (near BIW)

CONTACT

Project Information Line: **888.267.0831**

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PROJECT OVERVIEW

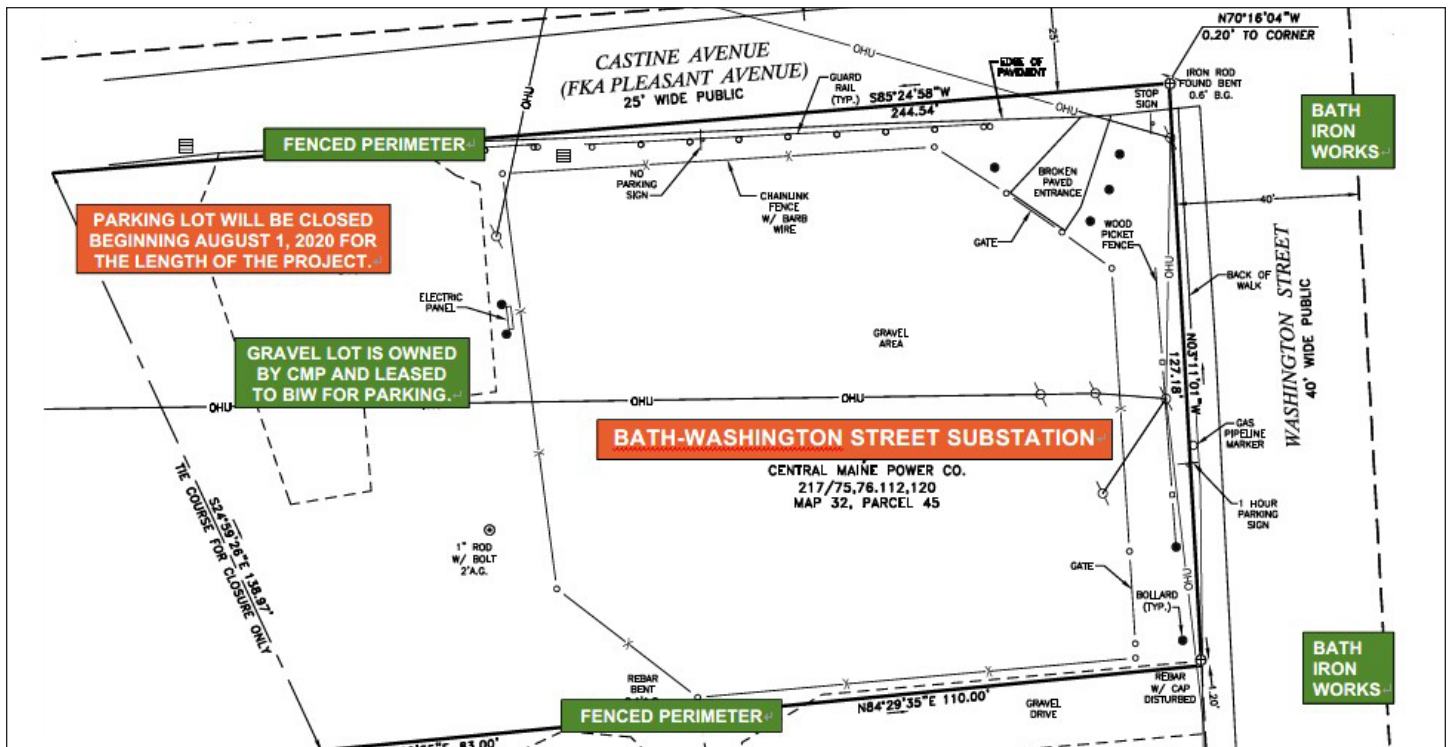
As part of our commitment to provide safe, reliable service to our customers, Central Maine Power Company (CMP) is upgrading its aging Bath-Washington Street Substation, across from Bath Iron Works (BIW) at the corner of Castine Avenue and Washington streets, to update aging low-voltage equipment and mitigate flooding concerns.

CMP is working with the Town of Bath and Bath Iron Works to reach out to neighbors and employees to ensure that all improvements are performed safely and with minimal disruptions to their daily lives, the community, and the environment.

PROJECT PURPOSE AND NEED

The Bath-Washington Street Substation is the last of CMP's 4kV substation in this area as all the others have been upgraded or built to 12kV standards. Because of the age of the low-voltage equipment, the substation is prone to electrical disruptions. By replacing aging equipment and upgrading to 12kV, CMP will improve this facility's operational reliability and reduce the frequency of maintenance requirements. Also, by upgrading the foundation and the property, we will reduce the substation's exposure to potential flood damage.

All improvements are aligned with Avangrid's latest standards and current Federal Energy Regulatory Commission (FERC) standards. Avangrid is the parent company of CMP.





CMP owns the gravel lot adjacent to the substation and leases it to BIW for parking. Beginning August 1, 2020, it will be closed to parking and fenced to house our construction project laydown yard.



Beginning in August 2020, CMP will be upgrading its aging low-voltage substation with new equipment and mitigate the property to address flood surge issues.

PROJECT SCOPE

This upgrade will require new components, including a power transformer, circuits, breakers, relaying equipment, switchgear, controls, and cables. Older equipment will be removed, and new foundations will replace existing foundations.

A new 16-foot by 32-foot control house will be constructed to protect and control relaying equipment for all elements in accordance with the latest AVANGRID standards. Additional grounding for the yard equipment will be needed.

A new perimeter fence will be installed, and an animal protection will be required around the 12kV distribution structures and a transformer.

WORK AREA AND ACCESS

All work for this project will be performed within CMP's substation property at the intersection of Washington and Castine streets, including the adjacent CMP gravel lot in our right of way that is leased to BIW for employee parking. Beginning August 1, 2020, the parking lot will be closed and used as a fenced construction yard by CMP and its crews.

PROJECT FACTS	
Municipality	Bath
County	Sagadahoc
Communities Served	Bath and Phippsburg
Permitting Required	City of Bath

PROJECT FEATURES

- Newer components that will improve operational reliability and reduce electrical disruptions
- Improved groundwork and new foundations to reduce exposure to flooding

WORK HOURS

Construction noise will be present. CMP follows local noise and work hour ordinances. There may be some weekend work as needed, but most should take place during normal business hours.

BENEFITS TO THE AREA

- Improved reliability to meet customers' electricity needs

ESTIMATED TIMETABLE <i>(subject to change)</i>	
Construction Start:	July 2020
Estimated Completion/ In-Service Date:	June 2021