



## Distributed Generation Project Costs

Updated: January 2022

Central Maine Power's (CMP) primary responsibility is to provide safe and reliable power to Maine customers. It is our obligation to ensure the highest quality standards for the design, construction, and associated activities for safe interconnection of Distributed Generation projects onto the system. We also want to provide the most current information available about interconnection costs to enable project developers in their planning.

These estimates are rough order of magnitude (ROM Estimate) and actual costs will differ due to the specific scope necessary to interconnect. These ROM Estimates include applicable taxes and overheads as outlined in Chapter 324 and are based on CMP's current design and construction standards. As needs arise and more information becomes available CMP plans to continue to update this listing.

The costs provided below are merely estimates of possible costs that could be encountered, based on the knowledge and experience of Central Maine Power Company and shall not be binding upon the Company. The estimates are NOT a guarantee or quotation for work to be carried out. CMP accepts no liability for the use or reliance on these estimates.

Estimates include scopes of work executed or managed by CMP only, and do not include scopes of work completed by others such as telecommunications systems, etc.

Transmission	
Note: Tree clearing has been assumed for the entire right of way. Estimates do not include permitting or real estate necessary for any new right of way. All estimates are for overhead design and construction.	
Modifications & Upgrades	Estimate
34 kV new/rebuild	\$2.2M per mile
115 kV new/rebuild	\$3.2M per mile

### 15 kV Distribution Modifications

Note: Tree clearing has been assumed for entire right of way, estimate does not include permitting or real estate necessary for any new right of way. All estimates are for overhead design and construction.

Modifications & Upgrades	Estimate
Overhead (OH) Point of Interconnection (POI)	\$80,000
Conductor upgrade/reconductoring	\$900,000 per mile
New overhead line extension (3 phase)	\$1,000,000 per mile
Overhead upgrade (single phase to three phase)	\$900,000 per mile
Install capacitor bank	\$100,000
Overhead switch installation	\$55,000
Install line regulators	\$185,000
Overhead transformer upgrade/installation	\$65,000
Line Recloser upgrade/installation	\$135,000
Install overhead primary metering	\$45,000

### Substation

Note: Estimates do not include any expansion of property line or existing substation footprint or control house.

Modifications & Upgrades	Estimate
New recloser and controller	\$110,000
Substation equipment settings update	\$22,500
34 kV surge arrestors	\$7,500
12 kV surge arrestors	\$5,500
Substation voltage regulator controller upgrade/modification	\$100,000
Protective relay replacement	\$60,000
Upgrade Substation circuit voltage regulator	\$350,000
Potential Transformer	\$80,000
34 kV Capacitor Bank	\$1,000,000
34 kV Dynamic Reactive Device	TBD