

MPRP PROJECT COST ESTIMATE UPDATE SHEET

Transmission Owner: Central Maine Power Co.
Project Name: MPRP
Base Estimate: \$ 1,122,844
TCA Application #: CMP-08-TCA-01

RSP Project #: 905, 906, 907, 908, 909, 1025, 1026, 1028, 1029, 1030, 1158
Estimate Grade: D (Construction)
PPA Approval: 7/31/2008
Date: 10/31/2017

1. Project Scope Summary

To meet NERC TPL Reliability Standards, NPCC Directory 1, and ISO-NE PP3 "Reliability Standards for the New England Bulk Power Supply System," Central Maine Power (CMP) is building the Maine Power Reliability Program (MPRP). MPRP will add approximately 450 miles of transmission lines and five new 345 kV substations between the town of Eliot on the New Hampshire border and Orrington, where it connects to transmission lines from northern and eastern Maine. CMP received an initial Certificate of Public Convenience and Necessity (CPCN) by the Maine Public Utilities Commission (PUC) in June 2010. A second CPCN for Section 3020 was received on April 2011. A third CPCN for projects covered under the Lewiston Loop was received in August 2013. CMP began construction in August 2010 with completion planned in 2018. The MPRP costs reported here match the scope of the MPRP 2010 Revision PPAs submitted on November 8, 2010, excluding Section 254. CMP withdrew Section 254 from the MPRP TCA by letter dated October 15, 2010 and submitted a separate Section 254 TCA. Refer to the separate cost update template included with this submittal.

2. Project Update

The MPRP received its ISO-NE determination letter in January 2010. The Order from the Maine Public Utilities Commission (MPUC) was approved with stipulation on June 10, 2010 followed by subsequent approvals in 2011 and 2013. Approvals by the Maine Department of Environmental Protection (MDEP) were received on April 5, 2010 and the by the Army Corps of Engineers (ACOE) on July 21, 2010.

The baseline MPRP is now complete and work focuses on the Lewiston Loop projects. Nearly all materials have been received with the balance of Lewiston Loop materials scheduled in the next three months. Contract award and construction schedules are the primary drivers of the annual investment forecasts and in-service dates with completion scheduled in Q3 2018. The overall PTF forecast has decreased due to refunds of insurance, regulatory costs and a reclassification of 345kV and 34.5kV retirement costs.

3. Project Cost Summary

Central Maine Power - Maine Power Reliability Program (Excluding Section 254)							
Project MPRP Components	Base Estimate	Base Estimate With Contingency	Scope Change	Actual Costs (PTF)	Project Forecast	Estimated % Completion	Forecast vs. Estimate
2.2.1 New 345KV Lines	\$ 353,243	\$ 422,898	\$ -	\$ 460,032	\$ 460,050	100.00%	\$ 37,152
2.2.2 New 115KV Lines	\$ 59,911	\$ 73,395	\$ -	\$ 130,216	\$ 131,750	98.84%	\$ 58,355
2.2.3 New 345KV Substations	\$ 168,936	\$ 217,898	\$ -	\$ 199,178	\$ 199,300	99.94%	\$ (18,598)
2.2.4 New 115KV Substations	\$ 16,997	\$ 18,492	\$ -	\$ 19,414	\$ 20,650	94.01%	\$ 2,158
2.2.5 345 KV Substations Expansions/Modifications	\$ 110,302	\$ 117,380	\$ -	\$ 80,233	\$ 80,250	99.98%	\$ (37,130)
2.2.6 115 KV Substations Expansions/Modifications	\$ 35,877	\$ 38,767	\$ -	\$ 38,074	\$ 42,900	88.75%	\$ 4,133
2.2.7 Lines Rerates, Relocations, Rebuilds	\$ 377,578	\$ 411,939	\$ -	\$ 362,810	\$ 364,050	99.66%	\$ (47,889)
Grand Total	\$ 1,122,844	\$ 1,300,769	\$ -	\$ 1,289,957	\$ 1,298,950	99.31%	\$ (1,819)

Note: Program to date PTF costs are through the third quarter of 2017. The forecast values reflect Lewiston Loop contract pricing and an estimate of the residual MPRP construction.

4. Project Forecast

