

**CENTRAL MAINE POWER COMPANY
RESPONSE TO FPL ENERGY MAINE, INC. AND THE INDEPENDENT
ENERGY PRODUCERS OF MAINE'S DATA REQUEST NO. 1
DOCKET No. 2008-255**

October 20, 2008

FPL-01-06

- Q.** What impact will MPRP have on the level of congestion in Maine? Please forecast the levels and the duration of congestion you anticipate over the next five years with and without MPRP.
- A.** The attached tables provide data on the number of hours that the Orrington, Suroweic, and Maine/New Hampshire Interface are at their limit in our model simulation of the MPRP project and the full Non-Transmission Alternatives solution. The tables compare the level of congestion at these interfaces for both a southerly flow of energy and a northerly flow of energy and compare the performance of the MPRP against the full non transmission alternative solution. As the tables show, the MPRP eliminates congestion on all the interfaces, but there is still a number of hours when the transmission system is congested under the NTA solution.

These modeling results are indicative of congestion at the key 345 kV interfaces. However, these results would not capture the change in congestion within CMP's 115 kV system and does not capture congestion that would result during transmission system outage conditions. For additional information on the historical levels of congestion at these interfaces relative to the congestion at lower voltage levels, please refer to Section XII, Part E, beginning on page 143 of the *Non-Transmission Alternatives Assessment and Economic Evaluation of the Maine Power Reliability Program* report.

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Attachment(s):

FPL-01-06 Attachment 1 (2008-255).xls

MRRP Transmission Solution

Orrington Interface - South Flow

	1	2	3	4	5	6	7	8	9	10	11	12
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2008	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0

Hours Interface is at full load

Orrington Interface - North Flow

	1	2	3	4	5	6	7	8	9	10	11	12
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2008	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0

Hours Interface is at full load

