

**CENTRAL MAINE POWER COMPANY
 RESPONSE TO OFFICE OF THE PUBLIC ADVOCATE'S DATA REQUEST
 NO. 4
 DOCKET No. 2008-255**

October 29, 2008

OPA-04-09

Q. On page 4 of 573 of Exhibit I-1, reference is made to nine transmission lines with insufficient thermal capacity due to line ratings, and to the fact that line ratings have changed due to ISO-NE Planning Procedure #7:

- a. Please identify these nine transmission lines, provide their previous ratings, provide their changed ratings that reflect Planning Procedure #7, and indicate the capacity each would need in order to have sufficient thermal capacity.
- b. If the ratings of any other 115 kV or 345 kV transmission lines in Maine have been changed due to Planning Procedure #7, please identify these transmission lines, provide their previous ratings, and provide their changed ratings that reflect Planning Procedure #7.
- c. Please provide a copy of ISO-NE Planning Procedure #7.
- d. If Planning Procedure #7 has changed in the last three years, please describe all changes and provide a copy of prior versions in effect during this period.
- e. Please provide a copy of all correspondence between CMP and ISO-NE regarding Planning Procedure #7.

A. a. The MPRP Needs Assessment identified nine transmission lines that showed insufficient thermal capacity due to line ratings established by ISO New England Planning Procedure No. 7. The re-rate of these nine lines was recommended to address thermal reliability concerns prior to the addition of new transmission lines. The MPRP Alternatives Assessment assumed the maximum thermal capacity for each line based on the line section conductor's 212°F sag clearance temperature.

Transmission Line	Previous Summer Ratings (NOR/LTE/STE)	PP #7 Based Summer Ratings (NOR/LTE/STE)	Required Capacity Based on N-0 and N-1 Needs Analysis
Section 204	89.1/89.1/96.5 MVA	48/48/62.9 MVA	233 MVA
Section 83B	56.2/56.2/61.4 MVA	38/38/47.9 MVA	44 MVA
Section 83C	93.9/93.9/96.2 MVA	84.8/84.8/89.3 MVA	118 MVA
Section 167A	72.2/72.2/79.1 MVA	43.8/43.8/62.8 MVA	51 MVA
Section 67A	72.2/72.2/79.1 MVA	43.8/43.8/62.8 MVA	46 MVA
Section 378	447.8/447.8/476.2 MVA	261/261/266 MVA	575 MVA

Section 61A	126.8/126.8/135.1 MVA	113.6/113.6/125.2 MVA	149 MVA
Section 88	126.8/126.8/135.1 MVA	114/114/125 MVA	171 MVA
BHE Section 66	49/71/71 MVA	32/32/32 MVA	37 MVA

- b. See the response to EX-02-09.
- c. See the response to EX-02-07.
- d. The changes to PP-7 are provided in the attachments.
- e. This information is voluminous and will be made available for inspection at Central Maine Power Company's General Office by appointment. Please contact debra.mills@cmpco.com via e-mail or call (207) 626-9798 to make an appointment.

Response Prepared and Submitted By:

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Attachments:

1. Standard FAC-008-1 Facility Ratings Methodology
2. ISO New England Planning Procedure No. 7, Rev. 0
3. Conformance to NERC Standard FAC-008-1 Requires Modifications to Planning Procedure 7
4. ISO New England Planning Procedure No. 7, Rev. 1
5. ISO New England Planning Procedure No. 7, Rev. 2