

STATE OF MAINE
PUBLIC UTILITIES COMMISSION

Docket No. 2008-255

September 16, 2008

CENTRAL MAINE POWER COMPANY
and PUBLIC SERVICE OF NEW
HAMPSHIRE Request for Certificate of
Public Convenience and Necessity for the
Maine Power Reliability Program
Consisting of the Construction of
Approximately 350 Miles of 345 kV and 115
kV Transmission Lines ("MPRP")

EXAMINER'S DATA REQUEST
NO. 3

I. GENERAL INSTRUCTIONS

1. Please provide the response to each numbered request on a separate sheet of paper, or papers. Each sheet of paper should be three-hole punched.
2. For each response, please state (1) the name(s) and title(s) of the person(s) responsible for preparing the response, and (2) the name(s) and title(s) of the person(s) who are competent to give testimony concerning the response and all documents produced as part of the responses.
3. Where information requested is not available in the precise form described in the question, or is not available for all years indicated, please provide all information with respect to the subject matter of the question that can be identified in the Utility's Work papers and files, or that is otherwise available.
4. As used in this data request, "available" means within the Utility's knowledge, possession, or control, or within the party's power, capacity or ability to retrieve or obtain from an affiliate, a contractor, or any other source.

II. DATA REQUEST

1. (Volume II, Page 2, Lines 16-17) Please provide any data that would support this statement that underground typically is 8 to 10 times more costly than above ground.
2. (Volume II, Page 4, Line 12) At what conductor temperature will the 32 feet ground clearance be maintained?

3. (Volume II, Page 5, Lines 14-19) How will the double circuiting of two separate PSNH circuits to accommodate construction of Section 3022 impact the local reliability of the PSNH system? What future costs are imposed on the PSNH system because they must now design to this double circuit contingency?
4. (Volume II, Page 7, Lines 7-8) At what conductor temperature will the 25 feet ground clearance be maintained?
5. (Volume II, Page 9, Lines 17-20) Is the reference to the NESC the NESC C2-2007 for all segments of the MPRP?
6. (Volume II, Page 9, Lines 17-20) The MPRP will cross many rivers streams, ponds, and lakes. Please show how the petitioners will determine if the navigability requirements of Table 232-1 of the NESC should be used for clearance calculations.
7. (Volume II, Page 9, Lines 17-20) Please show how the petitioners will incorporate navigability changes to water bodies traversed over the long life of the proposed facilities because of the robust load growth stated to be occurring in Maine.
8. (Volume II, Page 10, Lines 2-5) Please show by line section each parcel that needs to be acquired.
9. (Volume IV, Exhibit B-1C) Please expand the map board layout to include all 345kV facilities in VT, NH, and northern MA.
10. (Volume IV, Exhibit H-1) Were any alternatives studied that extended the 345kV S3 line to Webster further on to Coolidge? If not, why not? Why was the decision made to terminate S3 at Deerfield?
11. (Volume IV, Exhibit H-1) For each dispatch scenario and each study year, please provide a list of hydro generating stations in Maine and indicate if the generator is existing or projected, its total output rating, whether it was on in the simulation and if so, at what generation level.
12. Please describe in detail if a least cost approach was used for this project and what was the cost to be minimized. As part of your response, please include the minimization of transmission costs to all NE customers especially where costs for this project are expected to be socialized.
13. Please supply the latest RETP plans for the 345kV systems in VT, NH, ME and northern MA with in service dates.

14. Please explain how the MPRP used the latest RETP to determine alternatives that would coordinate with the expansion plans of others and potentially reduce costs to customers.
15. (Volume V, Exhibit B-2, Page 20) Please supply the average daily temperature for December peak days from 1976 to 2005. In your response, please rank them in descending order and identified by year.
16. (Volume V, Exhibit B-2, Page 20) Please supply the average dry bulb temperature, average dew point, average daily temperature, and THICDD for August from 1976 to 2005. In your response, please rank them in THICDD descending order and identify them by year.
17. (Volume V, Exhibit D-2, Page 3) Please reconcile the 602 parcels to be acquired with the 550 parcels to be acquired stated at Volume II, page 2, line 4.
18. (Volume VI, Page 266) Please explain in detail why higher MPRP transfer limits have limited effect on LMPs. As part of your response, please be specific as to what limited effects are and which LMPs are included in the statement.

Dated: September 16, 2008

Respectfully submitted,

James Buckley
Hearing Examiner