

**CENTRAL MAINE POWER COMPANY
RESPONSE TO ORAL DATA REQUEST NO. 12
DOCKET No. 2008-255**

**CONFIDENTIAL
MATERIALS
REMOVED**

January 13, 2010

ODR-12-45

Q. Please provide the Reliability Studies and TCA application for Section 241.

A. Attached is the Reliability Study provided for the Section 241 PPA and the associated TCA application that has been submitted for approval at the ISO-NE.

Attachment 1 is confidential and is being provided under the terms and conditions of First Revised Protective Order No. 2, Critical Energy Infrastructure Information, dated August 27, 2008, to eligible parties.

Response Prepared By:

Renée Hachey
System Planning

Response Submitted By:

David Conroy
Manager of System Planning

Attachments:

1. Proposed Plan Application Addendum Analysis Heywood Road (a/k/a Benton Switchyard) December, 2008, CONFIDENTIAL (REMOVED)
2. Section 241 TCA Application

Attachment B																																	
TCA Application Revision Form																																	
<p>1. Applicant:</p> <p>Contact Name: <u>David M. Conroy</u></p> <p>Company Name: <u>Central Maine Power Company</u></p> <p>Address 1: <u>83 Edison Drive</u></p> <p>Address 2: _____</p> <p>City, State, Zip: <u>Augusta, ME 04336</u></p> <p>Contact Phone #: <u>207-623-3521 ext. 2332</u></p> <p>Email Address: <u>david.conroy@cmpco.com</u></p>	<p>Revised Application #: <u>CMP-09-TCA-02 Rev.1</u> Date: <u>Dec. 28, 2009</u></p> <p>Original Application #: <u>CMP-09-TCA-02</u> Date of Original Approval: _____</p> <p>Include a copy of the prior Application. The revision was required because of:</p> <p>a) a material change in design <input type="checkbox"/></p> <p>b) a cost increase greater than 10% <input checked="" type="checkbox"/></p>																																
<p>2. Project Description:</p> <p>Section 241 115 kV transmission parallel to Section 83, with one 115 kV circuit breaker and control house expansion</p> <p>a. Summary of PTF-related work for Project:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Construct 38.8 miles of 115 kV transmission parallel to the existing Section 83 from Wyman Hydro Substation in Bingham Maine, to Rice Rips Tap (Section 241A Tap) in Benton, Maine. Install a 115 kV circuit breaker at the Wyman Hydro Substation termination, expand the existing control house.</p> </div> <p>b. Summary of Non-PTF-related work for Project:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Switch on tap side of new Section 241A(formerly 67A)</p> </div>	<p>In Service Date: <u>May-12</u></p>																																
<p>3. Was a revised transmission Proposed Plan Application required for this work?</p> <p>4. Has a revised transmission Proposed Plan Application been approved? If yes, attach a copy and reference Proposed Plan Application # and approval date.</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p> <p>(Please check only one)</p> <p>PPA Number: <u>CMP-09-T01</u></p> <p>Approval Date: <u>1/26/2009</u></p>																																
<p>Need For Project:</p>																																	
<p>5. Need Based On</p> <p>a. Reliability</p> <p>b. Economic</p> <p>c. Service to new load</p> <p>d. New generator interconnection</p> <p>If yes, Category of Generator (See Schedule 11 of Section II of the Tariff): Generator Proposed Plan Application Number _____ Generator Proposed Plan Application Date _____ (Attach copy of cover letter & Generator Proposed Plan Application)</p> <p>e. Other (specify in line 6)</p>	<table style="width:100%; border: none;"> <tr> <td style="width:50%;"></td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">'A' <input type="checkbox"/></td> <td style="text-align: center;">'B' <input type="checkbox"/></td> <td style="text-align: center;">'C' <input type="checkbox"/></td> </tr> <tr> <td></td> <td colspan="3" style="text-align: center;">(Please check only one)</td> </tr> <tr> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> </table>		Yes	No			<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>			'A' <input type="checkbox"/>	'B' <input type="checkbox"/>	'C' <input type="checkbox"/>		(Please check only one)				<input type="checkbox"/>	<input type="checkbox"/>	
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(Include available documentation relative to the need for this Project, explain the cost and/or material change difference here)

The original project estimate was submitted to the ISO-NE at the conceptual stage of project. CMP is revising its estimate based on planning grade information in line with the ISO NE draft project estimating guideline.
This revision also includes an expansion of the Wyman Substation control House

6. Provide a narrative description of the need for this Project.

(Include available documentation relative to the need for revisions to this Project. Explain the cost and/or material change differences.

A condition resulting from the Heywood Road Switching Station in Benton PPA, was to re-rate the existing 115 kV Section 83 between Wyman Hydro and Sappi Tap, to its 212" rating to increase the capacity of the line. An alternatives assessment was performed that demonstrated that building a line parallel to Section 83 and relocating Section 83B Tap, not only provided for the necessary added capacity but reduced the system upgrades required for MPRP to meet N-1-1 criteria and provided from \$0.7 to \$2.0 million dollars in loss savings per year

Revised Cost of Project:

7. Total Project Cost (\$K):

- a. Total Proposed PTF Cost of this Project (\$K):
- b. Requested PTF Costs associated with this Project (\$K):
- c. Breakdown of Requested PTF Cost associated with this Project (\$K):
(Consistent with Table 1 and Appendix D of this Procedure)

- Material
- Labor
- Equipment
- Engineering/Permitting/Indirects
- Escalation
- AFUDC (or equivalent)
- Contingency

d. Generator Supported PTF Costs* (\$K):

If the costs in 7.b. plus 7.d. do not equal the total proposed PTF cost (7.a) explain and indicate who is responsible for the remaining costs.

8. Costs (\$K) introduced as a result of local, state or other regulatory/legislative requirements, including costs identified pursuant to Section 1.6.3 of this PP-4.

a. Description of Costs introduced as a result of local, state or other regulatory/legislative requirements as defined in question 8 above.

9. Total Non-PTF Cost (\$K) associated with this Project (if any)

	Original Application	Revision to Original Application
7. Total Project Cost (\$K):	\$19,584.00	\$32,844.00
a. Total Proposed PTF Cost of this Project (\$K):	\$19,529.00	\$32,789.00
b. Requested PTF Costs associated with this Project (\$K):	\$19,529.00	\$32,789.00
c. Breakdown of Requested PTF Cost associated with this Project (\$K):		
Material	\$5,703.00	\$6,066.00
Labor	\$12,056.00	\$14,894.00
Equipment	\$0.00	\$497.00
Engineering/Permitting/Indirects	\$1,770.00	\$4,155.00
Escalation	\$0.00	\$1,303.00
AFUDC (or equivalent)	\$0.00	\$919.00
Contingency	\$0.00	\$4,955.00
d. Generator Supported PTF Costs* (\$K):	\$0.00	\$0.00
8. Costs (\$K) introduced as a result of local, state or other regulatory/legislative requirements, including costs identified pursuant to Section 1.6.3 of this PP-4.	\$0.00	\$0.00
9. Total Non-PTF Cost (\$K) associated with this Project (if any)	\$55.00	\$55.00

10. Total PTF Cost based on: (check one)

- Actual Costs
- OR**
- Estimated Costs*

11. Valuation Year of dollar amounts submitted above: 2011 (2008 original)

12. If applicable, explain how the cost of common facilities were allocated between PTF and Non-PTF.

13. Does this Project result in a change of existing Non-PTF facilities to PTF?

Section 241 (formerly a portion of Section 67A) between Heywood Road and the new Rice Rips tap is radial, but will become PTF. The remainder of Section 241 (to be renamed Section 241A) will remain non-PTF.

Yes

No

* Pool-Supported PTF costs were determined pursuant to Schedule 11 of Section II of the Tariff.