CENTRAL MAINE POWER COMPANY
RESPONSE TO ORAL DATA REQUEST NO. 1
DOCKET No. 2008-255

December 15, 2008

ODR-01-74, Corrected: Attachments now labeled correctly

Q. Provide cost comparison between H-frame 345 kV and single pole 345 kV.

A. For the purposes of this request, the Petitioners have prepared an estimate utilizing a single pole structure configuration for Section 3026. An outline sketch of the structure type utilized in preparing this estimate is included here as Attachment 1. This structure type is designed as a tubular steel pole, supported on a caisson type foundation. Using topographic and environmental survey data and the criteria set for the 345kV MPRP lines, a preliminary structure spotting was developed using this structure type.

Using an approach similar to that used in the preparation of the deterministic estimate included in the 9/26/08 update to this filing, a deterministic estimate of 2008 construction costs was prepared, using the preliminary structure spotting as a basis for the scope. The 2008 estimated construction cost of this 16.4 mile line is $42,600,000, or $2,600,000 per mile. A detailed breakdown of this cost estimate is included as Attachment 2.

The estimate previously prepared for section 3026 using wood H-frame construction is $26,300,000, or $1,600,000 per mile. For reference the detailed breakdown of this estimate is included here as Attachment 3.

Response Prepared and Submitted By:
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Attachment(s):

Attachment 1: 345 kV Steel Single Pole Sketch
Attachment 2: Cost estimate using 345 kV Steel Single Pole Construction
Attachment 3: Cost estimate using 345 kV Wood H-frame Construction