

OTTER TAIL POWER COMPANY
Docket No: EL14-090

Response to: South Dakota Public Utilities Commission
Analyst: SDPUC Staff
Date Received: 01/07/2015
Date Due: 01/21/2015
Date of Response: 01/20/2015
Responding Witness: Stuart Tommerdahl, Manager Regulatory Administration, 218 739-8279

Information Request:

Referring to OTP's response to Staff Data Request 1-1, provide the study reports and work orders for the Brookings-Hampton 345 kV line project.

Attachments: 2

Attachment 1 to IR SD-PUC-02-04.pdf
Attachment 2 to IR SD-PUC-02-04.pdf

Response:

The Brookings – Hampton 345 kV project is a Multi-Value Project (MVP) that was approved as part of the 2011 MISO Transmission Expansion Plan. Through the course of the rigorous study work performed by the Mid-Continent Independent System Operator (MISO) for the MVPs, two study reports were published that outline the study results for the Brookings – Hampton 345 kV project.

The first report issued by MISO was titled *Candidate MVP Portfolio Analysis*, which was published in June 2011 as an interim MVP report, and highlighted the results of two of the seventeen MVPs (See Attachment 1). Specific to the Brookings – Hampton 345 kV project (referred to as the Brookings County to Twin Cities 345 kV Project), the report includes results of the MISO analysis on pages 15 – 22.

The second report issued by MISO including results for the Brookings – Hampton 345 kV project was titled *Multi Value Project Portfolio – Results and Analysis* and was published in January 2012 (See Attachment 2). Specific results for the Brookings – Hampton 345 kV project (referred to as the Brookings County to Southeast Twin Cities 345 kV Project) can be located on pages 23 – 24.

Although references to specific page numbers are given above for the two study reports related to the Brookings – Hampton 345 kV project, it is important to note that the Brookings – Hampton 345 kV project is a vital component of the overall MVP portfolio. The economic benefits offered by the MVP portfolio would not be able to be fully realized without the

inclusion of any one project. The majority of the study reports (outside of the specific page number references above) focus on the performance of the entire MVP portfolio, further reinforcing that all of the projects are necessary to recognize the economic benefits offered by the portfolio.

Below is a list of the work orders and costs related to the CAPX2020 Brookings Project.

CAPX2020 - Brookings Work Orders

Line No.	A	B	C	D
Line No.		Work Order Number	Actual/Projected In-Service Date	Forecast
1	Total Project			26,062,842
2	Brookings-SE Twin Cities	103489	Mar-15	2,328,000
3	Brookings, SD - MN Border	104830	Jan-15	3,234,867
4	SD/MN Border - Lyon County	104831	Jan-15	1,052,048
5	Lyon County - Cedar Mtn	104832	Mar-14	4,060,827
6	Helena - Cedar Mtn	104833	Mar-14	7,141,996
7	Helena - Chub Lake	104834	Apr-14	2,825,412
8	Chub Lake - Hampton	104835	Apr-14	2,676,762
9	Lyon County - Hazel Creek	104836	Mar-15	1,880,785
10	Hazel Creek - MN Valley	104837	Mar-15	674,240
11	Cedar Mtn - Franklin	104838	Mar-14	187,905