

**BLACK HILLS POWER, INC.**  
SD PUC DOCKET: EL14-061

REQUEST DATE : August 21, 2014

RESPONSE DATE : September 17, 2014

REQUESTING PARTY: SDPUC Staff

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**SDPUC Request No. 4:**

Per ARSD 20:10:22:10, please “provide data, data sources, assumptions, forecast methods or models, or other reasoning upon which the description is based.” For example, please provide the long-range transmission planning studies that identified the need for the transmission line as identified in Section IV of the Application.

**Response to SDPUC Request No. 4:**

The attached documents identified the need for this project.

Attachment 4-1 is the initial long-range planning study performed in 2006 which identified the need for the line due to forecasted load growth and local generation limitations.

Attachment 4-2 is a study performed in 2008 which evaluated the simultaneous feasibility of a number of transmission service requests. A 130 MW transmission service request (#70108465) identical to the current request was included in the analysis. The study concluded that the Osage-Lange line was needed to facilitate the requests.

**Attachments:**

4-1\_2006\_230\_PLANNING\_STUDY\_REPORT.pdf

4-2\_Attachment 2\_565 CLUSTER SIS RESTUDY REPORT\_060408.pdf