

OTTER TAIL POWER COMPANY
Docket No: EL14-082

Response to: South Dakota Public Utilities Commission
Analyst: SDPUC Staff
Date Received: 10/27/2014
Date Due: 10/31/2014
Date of Response: 10/28/2014
Responding Witness: Peter J. Beithon, Manager, Regulatory Recovery - (218) 739-8607

Information Request:

The Baseload Diversification Study provides the capacity deficiency in Figure 4. Please also provide a table in Excel spreadsheet format that shows the year by year (a) energy requirements and (b) energy deficiency without the Hoot Lake MATS retrofit.

Attachments: 1

SD-PUC-EL14-082-IR-03-01.xlsx

Response:

The table below shows (a) OTP's system energy requirements and (b) the Hoot Lake Plant generation from the Baseload Diversification Study 2012-2026 using the 2020 scenario, which assumes Hoot Lake Retirement in the year 2020. The information in the table below is also provided in Excel spreadsheet format.

To answer the 'energy deficiency' caused by not having Hoot Lake available, we look at what Hoot Lake would have generated if it had been in operation. The Hoot Lake generation column assumes dispatch to meet OTP energy requirements only – no market dispatch.

Source: Baseload Diversification Study 2012-2026		
	<u>Energy</u> <u>Required(GWH)</u>	<u>Hoot Lake</u> <u>Generation</u> <u>(GWH)</u>
2012	4595	520.6
2013	4701	537.3
2014	4833	566.3
2015	4988	554.4
2016	5007	601.3
2017	4977	600.3
2018	4979	730.3
2019	5067	745
2020	5175	268.1
2021	5259	0
2022	5363	0
2023	5450	0
2024	5429	0
2025	5384	0
2026	5379	0