

OTTER TAIL POWER COMPANY

Docket No: EL23-019

Response to: SD Public Utilities Commission

Analyst: SD PUC Staff

Date Received: September 06, 2023

Date Due: September 20, 2023

Date of Response: September 20, 2023

Responding Witness: Jason A. Grenier, Manager Retail Energy Solutions - (218) 739-8639

Data Request:

Provide the Minnesota Technical Reference Manual relied upon by OTP for the modeling and calculations of its proposed **2024-2026 Energy Efficiency Partnership Triennial Plan**. In addition, provide and explain any deviations from the Minnesota Technical Reference Manual in OTP's

Attachments: 1

Attachment 1 to DR SD-PUC-01.1.xlsx

Response:

Otter Tail utilizes the Minnesota Technical Reference Manual version 4.0 (TRM) for most of its modeling and calculations. The TRM goes through an extensive stakeholder process every three years by a third-party selected by the Minnesota Department of Commerce, Division of Energy Resources to review the measures within the TRM. Otter Tail participates in the stakeholder process in order to ensure any changes reflect characteristics of its service area. The Minnesota TRM 4.0 was last updated on January 31, 2023, in Docket No. E,G999/CIP-18-694 and can be found on the MN Department of Commerce website <https://mn.gov/commerce-stat/trm/releases/4.0.pdf>.

Otter Tail does deviate from the MN TRM for certain measures. These measures and details of their assumptions are included in Attachment 1 to DR SD-PUC-01.1.

The Company deviates from the TRM on calculations where the TRM uses weather specific zones. Otter Tail takes these weather zones and averages them with its customer mix to get more accurate savings for its service area. It also deviates from the TRM when equipment performance is used. Otter Tail uses an average equipment performance derived from data collected from customers over the past three years of rebates submitted. These deviations from the TRM are the same changes Otter Tail used in its previously approved plan and simply updated with more recent data information.