

OTTER TAIL POWER COMPANY
Docket No: EL16-020

Response to: South Dakota Public Utilities Commission
Analyst: SDPUC Staff
Date Received: 11/01/2016
Date Due: 11/11/2016
Date of Response: 11/09/2016
Responding Witness: Jason A. Grenier, Manager Market Planning - (218) 739-8639

Information Request:

For the Residential Lighting and Commercial Lighting programs, please explain how the measure life was determined to be 15 years (as reflected in the DSMore models).

Attachments: 0

Response:

The measure life of 15 years for Residential Lighting was determined by using a 15,000 hour life for an Energy Star 2.0 Aline/standard LED bulb and dividing by 938 hours of annual operation from the Minnesota Technical Reference Manual ($15,000/938 = 15$ years).

The measure lives for Commercial Lighting shown in the table in IR SD-PUC-02-08 are consistent with the measure lives used in Minnesota and approved by the Minnesota Department of Commerce's engineering staff.