

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:

In Otter Tail's response to Staff DR 1-5, it is identified the commercial lighting program has a measure life of 12 years. However, in the DSMore models the lighting program shows 15 years of avoided cost savings. Please explain why the models do not reflect a measure life of 12 years as identified in response to DR 1-5.

Attachments: 0

Response:

In our response to Staff DR 1-5, Otter Tail reported an average measure life of 12 years for our Commercial Lighting program. The table below shows the measure life for each measure in the Commercial Lighting program. Only one commercial lighting measure has a 15 year measure life. The measure a customer installs will drive what the overall commercial lighting measure life will be.

Measure	Lifetime Years
SD CFL Lamp Lighting Retro	5
SD Exit Fixture Lighting Retro	12
SD Hi Bay Fixture Lighting Retro	12
SD High-efficiency Fluorescent Lamp, Ballast and Reflector Lighting Retro	12
SD Motion Sensor Lighting Retro	12
SD LED Hard Wired Lighting Retro	15
SD LED Screw In Lighting Retro	12