

**OTTER TAIL POWER COMPANY**  
Docket No: EL26-011

Response to: SD Public Utilities Commission  
 Analyst: Eric Paulson  
 Date Received: May 13, 2026  
 Date Due: May 28, 2026  
 Date of Response: June 04, 2026  
 Responding Witness: Cristina Zuniga, Supervisor, DSM Administration - 218-739-8240

**Data Request:**

Refer to the benefit cost ratios on Table 3 of Appendix A. Provide the ratios for each individual program within each category rather than categories as a whole. Ex. Home Lighting broken out by the 3 individual programs.

**Attachments:** 0

**Response:**

**SUPPLEMENTAL RESPONSE:**

In responding to Data Request 1-7, Otter Tail Power discovered a kWh savings calculation error for two Residential Heat Pump measures. The table in this Supplemental Response reflects the updated cost benefit results for Residential Equipment Tune ups and Quality Installation which were impacted by the calculation error.

	UCT	TRC	RIM	SCT	PCT
<b>Home Lighting</b>					
Incentivized Lighting Units	2.68	0.73	0.34	0.92	2.63
New Construction Measures	5.15	7.29	0.32	10.05	30.49
Retrofit Measures	34.36	262.34	0.30	363.34	1,191.71
<b>Air Conditioning Control</b>	18.83	18.83	9.36	18.83	0
<b>Residential Heat Pumps</b>					
Energy Star A/C Units	0.69	19.76	3.32	2.15	4.34
Heat Pump Units	4.42	1.45	0.34	1.93	5.48
Equipment Tune Ups	5.30	2.29	0.62	2.66	4.23
Quality Installation	1.51	3.27	0.33	4.35	12.54
Pre-Heating DHW with HP*	0.00	0.00	0.00	0.00	0.00
<b>Smart Thermostats</b>					
SD Tier II Smart Thermostats - electric heating	2.03	2.23	0.23	2.59	11.36
SD Tier II Smart Thermostats - not electric heating	0.00	0.00	0.00	0.00	0.00
SD Tier III Smart Thermostats - electric heating	2.15	1.85	0.28	2.15	7.44
SD Tier III Smart Thermostats - not electric heating	2.22	0.64	0.56	0.74	1.27
<b>Commercial Direct Install</b>					
SD LED A Lamp Commercial Direct Install	0.00	0.00	0.56	0.00	0.00
SD LED Exit Retrofit Commercial Direct Install	0.00	0.00	0.00	0.00	0.00
SD LED Flood Lamp Commercial Direct Install	0.00	0.00	0.68	0.00	0.00
SD LED Globe Commercial Direct Install	0.00	0.00	0.68	0.00	0.00
SD LED Lamp 100W A19 equivalent	0.00	0.00	0.56	0.00	0.00
SD LED Linear Tube Type A Retrofit	0.00	0.00	0.50	0.00	0.00
SD Refrigerated Beverage Machine Miser	0.00	0.00	0.38	0.00	0.00
SD Smart Power Strip Commercial Direct Install	0.00	0.00	0.00	0.00	0.00
SD Faucet Aerator Commercial Direct Install	0.00	0.00	0.02	0.00	0.00
SD Water Heater Pipe Wrap	0.00	0.00	0.50	0.00	0.00
<b>Commercial Heat Pumps</b>					
Heat Pump Units	3.20	1.88	0.39	2.37	4.83
Quality Installation	1.31	4.28	0.37	5.40	11.48
Pre-Heating DHW with HP*	0.00	0.00	0.00	0.00	0.00
<b>Commercial Lighting</b>					
New Construction Measures	17.18	9.28	0.51	11.69	18.15
Retrofit Measures	12.37	1.09	0.52	1.38	2.12
<b>Custom Energy Efficiency Project</b>	0	0	0	0	0
<b>Drive Power</b>					
Motors	4.57	0.68	0.49	0.86	1.39
Drives	32.78	3.22	0.52	4.06	6.15

**ORIGINAL RESPONSE:**

Commercial Direct Install measure costs are treated as an administrative cost and not as individual rebates which results in 0.00 results for the majority of the Cost Effectiveness tests. The PCT results for Air Conditioning Control are a result of not having costs incurred by the customer. Other 0.00 results are due to zero participation.

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Energy Star A/C Units	0.69	19.76	3.32	2.15	4.34
Heat Pump Units	4.42	1.45	0.34	1.93	5.48
Equipment Tune Ups	3.53	1.53	2.26	1.77	0.71
Quality Installation	1.43	3.11	0.33	4.12	11.71
Pre-Heating DHW with HP*	0.00	0.00	0.00	0.00	0.00
<b>Smart Thermostats</b>					
SD Tier II Smart Thermostats - electric heating	2.03	2.23	0.23	2.59	11.36
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