

OTTER TAIL POWER COMPANY

Docket No: EL20-022

Response to: SD Public Utilities Commission

Analyst: SD PUC Staff

Date Received: November 17, 2020

Date Due: November 24, 2020

Date of Response: November 17, 2020

Responding Witness: Jason A. Grenier, Manager Market Planning - (218) 739-8639

Data Request:

3-2. Refer to the Company’s response to Staff Data Request 2-3. Otter Tail provided revised benefit/cost ratios for 2021-2023 for Residential Air Conditioning Control. Do these revisions have any impact on the Total Residential or Total Program benefit/cost ratios? If so, please provide.

Attachments:

Response:

The revisions for the 2021-2023 Residential Air Condition Control program resulted in a slight decrease in the Total Residential benefit/cost ratios in 2021 and 2022. All other benefit/cost ratios remained consistent.

Initial benefit/cost results:

	Utility Test	Total Resource Test	Ratepayer Impact Test	Societal Test	Participant Test
<b>Residential</b>					
2021	2.45	1.23	0.44	1.62	4.66
2022	2.56	1.28	0.46	1.69	4.75
2023	2.65	1.33	0.51	1.75	4.23
<b>2021-2023</b>	<b>2.55</b>	<b>1.28</b>	<b>0.47</b>	<b>1.68</b>	<b>4.55</b>
<b>Total</b>					
2021	8.71	2.55	0.74	3.31	3.81
2022	4.64	1.97	0.67	2.57	3.68
2023	4.80	2.03	0.75	2.66	3.34
<b>2021-2023</b>	<b>6.42</b>	<b>2.28</b>	<b>0.72</b>	<b>2.98</b>	<b>3.67</b>

Revised benefit/cost results:

	<b>Utility Test</b>	<b>Total Resource Test</b>	<b>Ratepayer Impact Test</b>	<b>Societal Test</b>	<b>Participant Test</b>
<b>Residential</b>					
2021	2.44	1.23	0.44	1.62	4.66
2022	2.55	1.28	0.46	1.69	4.75
2023	2.65	1.33	0.51	1.75	4.23
<b>2021-2023</b>	<b>2.55</b>	<b>1.28</b>	<b>0.47</b>	<b>1.68</b>	<b>4.55</b>
<b>Total</b>					
2021	8.71	2.55	0.74	3.31	3.81
2022	4.64	1.97	0.67	2.57	3.68
2023	4.80	2.03	0.75	2.66	3.34
<b>2021-2023</b>	<b>6.42</b>	<b>2.28</b>	<b>0.72</b>	<b>2.98</b>	<b>3.67</b>