

Appendix D

Program Aggregations

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	18.83	3.13	3.36	3.38	3.34	4.52
TRC Test	18.83	3.13	3.36	3.38	3.34	4.52
RIM Test	9.36	1.63	1.67	1.68	1.66	2.18
RIM (Net Fuel)	9.36	1.63	1.67	1.68	1.66	2.18
Societal Test	18.83	3.13	3.36	3.38	3.34	4.52
Participant Test	0.00	0.00	0.00	0.00	0.00	0.00

NET BENEFITS				Benefit/ Cost Ratio	Utility (PAC) Test
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio		
\$59,232.32	\$3,145.95	\$56,086.37	18.83		Utility (PAC) Test
\$59,232.32	\$3,145.95	\$56,086.37	18.83		TRC Test
\$59,232.32	\$6,327.92	\$52,904.41	9.36		RIM Test
\$59,232.32	\$6,327.92	\$52,904.41	9.36		RIM (Net Fuel) Test
\$59,232.32	\$3,145.95	\$56,086.37	18.83		Societal Test
\$3,181.97	\$0.00	\$3,181.97	inf.		Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test						
Avoided Electric Production	\$825	\$427	\$1,171	\$1,211	\$1,099	\$4,820
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$48,997	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$9,411	\$9,411	\$9,411	\$9,411	\$9,411	\$9,411
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$59,232	\$9,838	\$10,582	\$10,621	\$10,510	\$14,230
Administration Costs	\$1,661	\$1,661	\$1,661	\$1,661	\$1,661	\$1,661
Implementation / Participation Costs	\$1,485	\$1,485	\$1,485	\$1,485	\$1,485	\$1,485
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,146	\$3,146	\$3,146	\$3,146	\$3,146	\$3,146
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	18.83	3.13	3.36	3.38	3.34	4.52

Participants	kWh	Summer kWh	Winter kWh	Generator Meter
672	25,321	465.69	0	

Loss Factor: 10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$1,661.27	\$1,484.68	\$0.00	\$0.00	\$3,145.95

TRC Test						
Avoided Electric Production	\$825	\$427	\$1,171	\$1,211	\$1,099	\$4,820
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$48,997	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$9,411	\$9,411	\$9,411	\$9,411	\$9,411	\$9,411
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$59,232	\$9,838	\$10,582	\$10,621	\$10,510	\$14,230
Administration Costs	\$1,661	\$1,661	\$1,661	\$1,661	\$1,661	\$1,661
Implementation / Participation Costs	\$1,485	\$1,485	\$1,485	\$1,485	\$1,485	\$1,485
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,146	\$3,146	\$3,146	\$3,146	\$3,146	\$3,146
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Tax Credits (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Other Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	18.83	3.13	3.36	3.38	3.34	4.52

RIM Test						
Avoided Electric Production	\$825	\$427	\$1,171	\$1,211	\$1,099	\$4,820
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$48,997	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$9,411	\$9,411	\$9,411	\$9,411	\$9,411	\$9,411
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$59,232	\$9,838	\$10,582	\$10,621	\$10,510	\$14,230
Administration Costs	\$1,661	\$1,661	\$1,661	\$1,661	\$1,661	\$1,661
Implementation / Participation Costs	\$1,485	\$1,485	\$1,485	\$1,485	\$1,485	\$1,485
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,146	\$3,146	\$3,146	\$3,146	\$3,146	\$3,146
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Electric Lost Revenue	\$3,182	\$2,879	\$3,182	\$3,182	\$3,182	\$3,390
Gas Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,182	\$2,879	\$3,182	\$3,182	\$3,182	\$3,390
Electric Lost Revenue (Net Fuel)	\$3,182	\$2,879	\$3,182	\$3,182	\$3,182	\$3,390
Gas Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,182	\$2,879	\$3,182	\$3,182	\$3,182	\$3,390
Test Results	9.36	1.63	1.67	1.68	1.66	2.18
	9.36	1.63	1.67	1.68	1.66	2.18

Societal Test						
Avoided Electric Production	\$825	\$427	\$1,171	\$1,211	\$1,099	\$4,820
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$48,997	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$9,411	\$9,411	\$9,411	\$9,411	\$9,411	\$9,411
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$59,232	\$9,838	\$10,582	\$10,621	\$10,510	\$14,230
Administration Costs	\$1,661	\$1,661	\$1,661	\$1,661	\$1,661	\$1,661
Implementation / Participation Costs	\$1,485	\$1,485	\$1,485	\$1,485	\$1,485	\$1,485
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,146	\$3,146	\$3,146	\$3,146	\$3,146	\$3,146
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	18.83	3.13	3.36	3.38	3.34	4.52

Participant Test						
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$3,182	\$2,879	\$3,182	\$3,182	\$3,182	\$3,390
Gas Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,182	\$2,879	\$3,182	\$3,182	\$3,182	\$3,390
Test Results	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	466	466	466	466	466	466
kWh (Discounted)	27,942	25,277	27,942	27,942	27,942	29,765
CCF (Discounted)	-	-	-	-	-	-
kWh (Undiscounted)	466	466	466	466	466	466
kWh (Undiscounted)	27,942	25,277	27,942	27,942	27,942	29,765
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Residential - Air Conditioning Control

Lost Revenue Dollars									
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)			
Year	Electric	Gas	Total	Net Free/Drop-Out		Net Free/Drop-Out		Net Free/Drop-Out	
				Electric	Gas	Electric	Gas	Electric	Gas
1	\$4.74	\$0.00	\$4.74	\$3,181.97	\$0.00	\$3,181.97	\$3,181.97	\$0.00	\$3,181.97
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$4.74	\$0.00	\$4.74	\$3,181.97	\$0.00	\$3,181.97	\$3,181.97	\$0.00	\$3,181.97

Utility Program Costs											
Year	Overall Costs			Total Costs per kW, kWh, and CCF Saved (Losses Included)							
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$1,661.27	\$1,484.68	\$0.00	\$0.00	\$3,145.95	\$6.76	\$6.76	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,661.27	\$1,484.68	\$0.00	\$0.00	\$3,145.95	\$6.76	\$6.76	\$0.00	\$0.00	\$0.00	\$0.00

2025 South Dakota Status Report - Direct Impact - Residential - Air Conditioning Control

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$1,171.06	\$0.00	\$9,410.61	\$0.00	\$10,581.67
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,171.06	\$0.00	\$9,410.61	\$0.00	\$10,581.67

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$1,099.26	\$0.00	\$9,410.61	\$0.00	\$10,509.87
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,099.26	\$0.00	\$9,410.61	\$0.00	\$10,509.87

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$825.18	\$48,996.53	\$9,410.61	\$0.00	\$59,232.32
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$825.18	\$48,996.53	\$9,410.61	\$0.00	\$59,232.32

Discount 7.09%					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$825.18	\$48,996.53	\$9,410.61	\$0.00	\$59,232.32
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$825.18	\$48,996.53	\$9,410.61	\$0.00	\$59,232.32
Discounted	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost / Benefit Tests For Normal Weather	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	3.18	1.96	3.37	3.48	3.19	11.82
TRC Test	1.38	0.85	1.46	1.51	1.38	5.12
RIM Test	0.34	0.22	0.36	0.37	0.34	1.22
RIM (Net Fuel)	0.34	0.22	0.36	0.37	0.34	1.22
Societal Test	1.83	1.14	1.96	2.02	1.85	6.87
Participant Test	5.60	5.38	5.60	5.60	5.60	5.78

NET BENEFITS					Benefit/ Cost Ratio	Utility (PAC) Test 3.18 TRC Test 1.38 RIM Test 0.34 RIM (Net Fuel) Test 0.34 Societal Test 1.83 Participant Test 5.60
Total Benefits	Total Costs	Net Benefits				
\$343,443.65	\$108,015.41	\$235,428.24			3.18	
\$343,443.65	\$249,253.48	\$94,190.17			1.38	
\$343,443.65	\$1,012,150.56	(\$668,706.92)			0.34	
\$343,443.65	\$1,012,150.56	(\$668,706.92)			0.34	
\$456,389.49	\$249,253.48	\$207,136.01			1.83	
\$1,281,778.76	\$228,763.00	\$1,053,015.76			5.60	

Present Values (PVs) of Costs and Benefits Per Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test						
Avoided Electric Production	\$242,781	\$192,975	\$345,331	\$357,029	\$325,741	\$1,257,949
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$81,845	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$18,817	\$18,817	\$18,817	\$18,817	\$18,817	\$18,817
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$343,444	\$211,792	\$364,148	\$375,846	\$344,558	\$1,276,766
Administration Costs	\$9,203	\$9,203	\$9,203	\$9,203	\$9,203	\$9,203
Implementation / Participation Costs	\$11,288	\$11,288	\$11,288	\$11,288	\$11,288	\$11,288
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$87,525	\$87,525	\$87,525	\$87,525	\$87,525	\$87,525
Total	\$108,015	\$108,015	\$108,015	\$108,015	\$108,015	\$108,015
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	3.18	1.96	3.37	3.48	3.19	11.82

Participants	kWh	Summer kW	Winter kW	Generator
85	701,273	73.63	0	
	635,499	66.72	0	Meter
Loss Factor:				10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$9,202.50	\$11,287.98	\$0.00	\$87,524.93	\$108,015.41

TRC Test						
Avoided Electric Production	\$242,781	\$192,975	\$345,331	\$357,029	\$325,741	\$1,257,949
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$81,845	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$18,817	\$18,817	\$18,817	\$18,817	\$18,817	\$18,817
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$343,444	\$211,792	\$364,148	\$375,846	\$344,558	\$1,276,766
Administration Costs	\$9,203	\$9,203	\$9,203	\$9,203	\$9,203	\$9,203
Implementation / Participation Costs	\$11,288	\$11,288	\$11,288	\$11,288	\$11,288	\$11,288
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$87,525	\$87,525	\$87,525	\$87,525	\$87,525	\$87,525
Total	\$20,490	\$20,490	\$20,490	\$20,490	\$20,490	\$20,490
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$228,763	\$228,763	\$228,763	\$228,763	\$228,763	\$228,763
Participant or Unit Tax Credits (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Other Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	1.38	0.85	1.46	1.51	1.38	5.12

RIM Test						
Avoided Electric Production	\$242,781	\$192,975	\$345,331	\$357,029	\$325,741	\$1,257,949
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$81,845	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$18,817	\$18,817	\$18,817	\$18,817	\$18,817	\$18,817
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$343,444	\$211,792	\$364,148	\$375,846	\$344,558	\$1,276,766
Administration Costs	\$9,203	\$9,203	\$9,203	\$9,203	\$9,203	\$9,203
Implementation / Participation Costs	\$11,288	\$11,288	\$11,288	\$11,288	\$11,288	\$11,288
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$87,525	\$87,525	\$87,525	\$87,525	\$87,525	\$87,525
Total	\$108,015	\$108,015	\$108,015	\$108,015	\$108,015	\$108,015
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Electric Lost Revenue	\$904,135	\$866,219	\$904,135	\$904,135	\$904,135	\$935,054
Gas Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$904,135	\$866,219	\$904,135	\$904,135	\$904,135	\$935,054
Electric Lost Revenue (Net Fuel)	\$904,135	\$866,219	\$904,135	\$904,135	\$904,135	\$935,054
Gas Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$904,135	\$866,219	\$904,135	\$904,135	\$904,135	\$935,054

Societal Test						
Avoided Electric Production	\$325,746	\$258,920	\$463,339	\$479,035	\$437,055	\$1,687,824
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$105,670	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$24,973	\$24,973	\$24,973	\$24,973	\$24,973	\$24,973
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$456,389	\$283,893	\$488,312	\$504,008	\$462,029	\$1,712,797
Administration Costs	\$9,203	\$9,203	\$9,203	\$9,203	\$9,203	\$9,203
Implementation / Participation Costs	\$11,288	\$11,288	\$11,288	\$11,288	\$11,288	\$11,288
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$20,490	\$20,490	\$20,490	\$20,490	\$20,490	\$20,490
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$228,763	\$228,763	\$228,763	\$228,763	\$228,763	\$228,763
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	1.83	1.14	1.96	2.02	1.85	6.87

Participant Test						
Incentives	\$87,525	\$87,525	\$87,525	\$87,525	\$87,525	\$87,525
Participant or Unit Costs (Gross)	\$228,763	\$228,763	\$228,763	\$228,763	\$228,763	\$228,763
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$1,194,254	\$1,144,171	\$1,194,254	\$1,194,254	\$1,194,254	\$1,235,094
Gas Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,194,254	\$1,144,171	\$1,194,254	\$1,194,254	\$1,194,254	\$1,235,094
Test Results	5.60	5.38	5.60	5.60	5.60	5.78

Present Values (PVs) of Impacts	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	1,302	1,302	1,302	1,302	1,302	1,302
kWh (Discounted)	12,691,275	12,167,634	12,691,275	12,691,275	12,691,275	13,148,733
CCF (Discounted)	-	-	-	-	-	-
kWh (Undiscounted)	1,302	1,302	1,302	1,302	1,302	1,302
kWh (Undiscounted)	12,691,275	12,167,634	12,691,275	12,691,275	12,691,275	13,148,733
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Residential Heat Pumps

Lost Revenue Dollars									
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)			
Year	Electric	Gas	Total	Net Free/Drop-Out		Net Free/Drop-Out		Net Free/Drop-Out	
				Electric	Gas	Electric	Gas	Electric	Gas
1	\$863.31	\$0.00	\$863.31	\$73,381.46	\$0.00	\$73,381.46	\$73,381.46	\$0.00	\$73,381.46
2	\$880.58	\$0.00	\$880.58	\$74,849.09	\$0.00	\$74,849.09	\$74,849.09	\$0.00	\$74,849.09
3	\$898.19	\$0.00	\$898.19	\$76,346.07	\$0.00	\$76,346.07	\$76,346.07	\$0.00	\$76,346.07
4	\$916.15	\$0.00	\$916.15	\$77,872.99	\$0.00	\$77,872.99	\$77,872.99	\$0.00	\$77,872.99
5	\$934.48	\$0.00	\$934.48	\$79,430.45	\$0.00	\$79,430.45	\$79,430.45	\$0.00	\$79,430.45
6	\$953.17	\$0.00	\$953.17	\$81,019.06	\$0.00	\$81,019.06	\$81,019.06	\$0.00	\$81,019.06
7	\$972.23	\$0.00	\$972.23	\$82,639.44	\$0.00	\$82,639.44	\$82,639.44	\$0.00	\$82,639.44
8	\$991.67	\$0.00	\$991.67	\$84,292.23	\$0.00	\$84,292.23	\$84,292.23	\$0.00	\$84,292.23
9	\$1,011.51	\$0.00	\$1,011.51	\$85,978.08	\$0.00	\$85,978.08	\$85,978.08	\$0.00	\$85,978.08
10	\$1,031.74	\$0.00	\$1,031.74	\$87,697.64	\$0.00	\$87,697.64	\$87,697.64	\$0.00	\$87,697.64
11	\$1,175.83	\$0.00	\$1,175.83	\$89,363.43	\$0.00	\$89,363.43	\$89,363.43	\$0.00	\$89,363.43
12	\$1,199.35	\$0.00	\$1,199.35	\$91,150.69	\$0.00	\$91,150.69	\$91,150.69	\$0.00	\$91,150.69
13	\$1,223.34	\$0.00	\$1,223.34	\$92,973.71	\$0.00	\$92,973.71	\$92,973.71	\$0.00	\$92,973.71
14	\$1,247.81	\$0.00	\$1,247.81	\$94,833.18	\$0.00	\$94,833.18	\$94,833.18	\$0.00	\$94,833.18
15	\$1,272.76	\$0.00	\$1,272.76	\$96,729.85	\$0.00	\$96,729.85	\$96,729.85	\$0.00	\$96,729.85
16	\$1,298.22	\$0.00	\$1,298.22	\$98,664.44	\$0.00	\$98,664.44	\$98,664.44	\$0.00	\$98,664.44
17	\$1,324.18	\$0.00	\$1,324.18	\$100,637.73	\$0.00	\$100,637.73	\$100,637.73	\$0.00	\$100,637.73
18	\$1,350.66	\$0.00	\$1,350.66	\$102,650.49	\$0.00	\$102,650.49	\$102,650.49	\$0.00	\$102,650.49
19	\$2,760.87	\$0.00	\$2,760.87	\$5,521.75	\$0.00	\$5,521.75	\$5,521.75	\$0.00	\$5,521.75
20	\$2,816.09	\$0.00	\$2,816.09	\$5,632.18	\$0.00	\$5,632.18	\$5,632.18	\$0.00	\$5,632.18
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$25,122.14	\$0.00	\$25,122.14	\$1,581,663.99	\$0.00	\$1,581,663.99	\$1,581,663.99	\$0.00	\$1,581,663.99

Utility Program Costs											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved (Losses Included)						
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$9,202.50	\$11,287.98	\$87,524.93	\$0.00	\$108,015.41	\$1,467.09	\$1,467.09	\$1,341.52	\$1,341.52	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$9,202.50	\$11,287.98	\$87,524.93	\$0.00	\$108,015.41	\$1,467.09	\$1,467.09	\$1,341.52	\$1,341.52	\$0.00	\$0.00

2025 South Dakota Status Report - Direct Impact - Residential Heat Pumps

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$27,011.08	\$0.00	\$1,487.80	\$0.00	\$28,498.88
2	\$27,011.08	\$0.00	\$1,487.80	\$0.00	\$28,498.88
3	\$27,930.05	\$0.00	\$1,532.44	\$0.00	\$29,462.49
4	\$29,061.23	\$0.00	\$1,578.41	\$0.00	\$30,639.64
5	\$29,510.44	\$0.00	\$1,625.76	\$0.00	\$31,136.20
6	\$29,173.36	\$0.00	\$1,674.53	\$0.00	\$30,847.89
7	\$29,041.74	\$0.00	\$1,724.77	\$0.00	\$30,766.51
8	\$29,390.16	\$0.00	\$1,776.51	\$0.00	\$31,166.67
9	\$29,729.88	\$0.00	\$1,829.81	\$0.00	\$31,559.68
10	\$30,356.26	\$0.00	\$1,884.70	\$0.00	\$32,240.96
11	\$32,030.60	\$0.00	\$1,843.47	\$0.00	\$33,874.08
12	\$35,885.61	\$0.00	\$1,898.78	\$0.00	\$37,784.39
13	\$36,631.53	\$0.00	\$1,955.74	\$0.00	\$38,587.27
14	\$38,937.75	\$0.00	\$2,014.41	\$0.00	\$40,952.17
15	\$41,492.55	\$0.00	\$2,074.84	\$0.00	\$43,567.39
16	\$45,629.69	\$0.00	\$2,137.09	\$0.00	\$47,766.78
17	\$47,315.87	\$0.00	\$2,201.20	\$0.00	\$49,517.08
18	\$51,542.16	\$0.00	\$2,267.24	\$0.00	\$53,809.40
19	\$2,853.04	\$0.00	\$108.62	\$0.00	\$2,961.66
20	\$3,006.76	\$0.00	\$111.88	\$0.00	\$3,118.64
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$623,540.85	\$0.00	\$33,215.81	\$0.00	\$656,756.66

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$25,478.82	\$0.00	\$1,487.80	\$0.00	\$26,966.62
2	\$25,478.82	\$0.00	\$1,487.80	\$0.00	\$26,966.62
3	\$26,345.66	\$0.00	\$1,532.44	\$0.00	\$27,878.10
4	\$27,412.68	\$0.00	\$1,578.41	\$0.00	\$28,991.08
5	\$27,836.40	\$0.00	\$1,625.76	\$0.00	\$29,462.16
6	\$27,518.44	\$0.00	\$1,674.53	\$0.00	\$29,192.97
7	\$27,394.29	\$0.00	\$1,724.77	\$0.00	\$29,119.06
8	\$27,722.94	\$0.00	\$1,776.51	\$0.00	\$29,499.45
9	\$28,043.39	\$0.00	\$1,829.81	\$0.00	\$29,873.20
10	\$28,634.24	\$0.00	\$1,884.70	\$0.00	\$30,518.94
11	\$30,213.60	\$0.00	\$1,843.47	\$0.00	\$32,057.08
12	\$33,849.93	\$0.00	\$1,898.78	\$0.00	\$35,748.70
13	\$34,553.53	\$0.00	\$1,955.74	\$0.00	\$36,509.27
14	\$36,728.93	\$0.00	\$2,014.41	\$0.00	\$38,743.34
15	\$39,138.80	\$0.00	\$2,074.84	\$0.00	\$41,213.65
16	\$43,041.26	\$0.00	\$2,137.09	\$0.00	\$45,178.35
17	\$44,631.78	\$0.00	\$2,201.20	\$0.00	\$46,832.99
18	\$48,618.33	\$0.00	\$2,267.24	\$0.00	\$50,885.56
19	\$2,691.19	\$0.00	\$108.62	\$0.00	\$2,799.81
20	\$2,836.19	\$0.00	\$111.88	\$0.00	\$2,948.07
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$588,169.24	\$0.00	\$33,215.81	\$0.00	\$621,385.05

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$18,989.88	\$7,746.26	\$1,487.80	\$0.00	\$28,223.95
2	\$18,989.88	\$7,746.26	\$1,487.80	\$0.00	\$28,223.95
3	\$19,635.96	\$7,746.26	\$1,532.44	\$0.00	\$28,914.66
4	\$20,431.22	\$7,746.26	\$1,578.41	\$0.00	\$29,755.90
5	\$20,747.03	\$7,746.26	\$1,625.76	\$0.00	\$30,119.06
6	\$20,510.05	\$7,746.26	\$1,674.53	\$0.00	\$29,930.85
7	\$20,417.52	\$7,746.26	\$1,724.77	\$0.00	\$29,888.55
8	\$20,662.47	\$7,746.26	\$1,776.51	\$0.00	\$30,185.25
9	\$20,901.30	\$7,746.26	\$1,829.81	\$0.00	\$30,477.38
10	\$21,341.68	\$7,746.26	\$1,884.70	\$0.00	\$30,972.65
11	\$22,518.81	\$7,356.12	\$1,843.47	\$0.00	\$31,718.40
12	\$25,229.04	\$7,356.12	\$1,898.78	\$0.00	\$34,483.93
13	\$25,753.45	\$7,356.12	\$1,955.74	\$0.00	\$35,065.31
14	\$27,374.82	\$7,356.12	\$2,014.41	\$0.00	\$36,745.35
15	\$29,170.94	\$7,356.12	\$2,074.84	\$0.00	\$38,601.91
16	\$32,079.52	\$7,356.12	\$2,137.09	\$0.00	\$41,572.73
17	\$33,264.97	\$7,356.12	\$2,201.20	\$0.00	\$42,822.30
18	\$36,236.22	\$7,356.12	\$2,267.24	\$0.00	\$45,859.58
19	\$2,005.80	\$342.16	\$108.62	\$0.00	\$2,456.58
20	\$2,113.87	\$342.16	\$111.88	\$0.00	\$2,567.91
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$438,374.43	\$136,995.95	\$33,215.81	\$0.00	\$608,586.19

Discount		7.09%				
Year	Energy	Capacity	T&D	Ancillary	Total	
1	\$18,989.88	\$7,746.26	\$1,487.80	\$0.00	\$28,223.95	
2	\$17,732.64	\$7,233.42	\$1,389.30	\$0.00	\$26,355.35	
3	\$17,121.99	\$6,754.52	\$1,336.24	\$0.00	\$25,212.75	
4	\$16,635.95	\$6,307.33	\$1,285.21	\$0.00	\$24,228.49	
5	\$15,774.67	\$5,889.75	\$1,236.12	\$0.00	\$22,900.54	
6	\$14,562.04	\$5,499.81	\$1,188.91	\$0.00	\$21,250.76	
7	\$13,536.60	\$5,135.69	\$1,143.50	\$0.00	\$19,815.79	
8	\$12,792.04	\$4,795.68	\$1,099.83	\$0.00	\$18,687.55	
9	\$12,083.20	\$4,478.17	\$1,057.83	\$0.00	\$17,619.20	
10	\$11,520.95	\$4,181.69	\$1,017.43	\$0.00	\$16,720.07	
11	\$11,351.58	\$3,708.17	\$929.28	\$0.00	\$15,989.03	
12	\$11,875.79	\$3,462.67	\$893.79	\$0.00	\$16,232.25	
13	\$11,320.05	\$3,233.42	\$859.65	\$0.00	\$15,413.12	
14	\$11,236.09	\$3,019.35	\$826.82	\$0.00	\$15,082.26	
15	\$11,180.61	\$2,819.45	\$795.24	\$0.00	\$14,795.30	
16	\$11,481.38	\$2,632.78	\$764.87	\$0.00	\$14,879.04	
17	\$11,117.43	\$2,458.48	\$735.66	\$0.00	\$14,311.57	
18	\$11,308.66	\$2,295.71	\$707.56	\$0.00	\$14,311.94	
19	\$584.53	\$99.71	\$31.65	\$0.00	\$715.90	
20	\$575.24	\$93.11	\$30.45	\$0.00	\$698.80	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$242,781.32	\$81,845.17	\$18,817.15	\$0.00	\$343,443.65	
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

2025 South Dakota Status Report - Direct Impact - Residential - Lighting

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	2.66	1.78	3.11	3.21	2.94	11.05
TRC Test	1.85	1.24	2.16	2.23	2.05	7.70
RIM Test	0.30	0.21	0.35	0.37	0.33	1.22
RIM (Net Fuel)	0.30	0.21	0.35	0.37	0.33	1.22
Societal Test	2.51	1.69	2.96	3.05	2.80	10.52
Participant Test	11.02	10.58	11.02	11.02	11.02	11.38

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$70,880.05	\$26,677.34	\$44,202.71	2.66	Utility (PAC) Test
\$70,880.05	\$38,318.27	\$32,561.78	1.85	TRC Test
\$70,880.05	\$234,208.99	(\$163,328.95)	0.30	RIM Test
\$70,880.05	\$234,208.99	(\$163,328.95)	0.30	RIM (Net Fuel) Test
\$96,046.59	\$38,318.27	\$57,728.32	2.51	Societal Test
\$292,971.73	\$26,683.00	\$266,388.73	11.02	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$56,384	\$44,817	\$80,200	\$82,917	\$75,651	\$292,148
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$11,777	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$2,719	\$2,719	\$2,719	\$2,719	\$2,719	\$2,719
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$70,880	\$47,536	\$82,919	\$85,636	\$78,370	\$294,867
Administration Costs	\$6,065	\$6,065	\$6,065	\$6,065	\$6,065	\$6,065
Implementation / Participation Costs	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$14,942	\$14,942	\$14,942	\$14,942	\$14,942	\$14,942
Total	\$26,677	\$26,677	\$26,677	\$26,677	\$26,677	\$26,677
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	2.66	1.78	3.11	3.21	2.94	11.05

Participants	kWh	Summer kW	Winter kW	Generator Meter
3,535	157,122	10.50	0	
	142,385	9.52	0	
Loss Factor:			10.35%	

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$6,065.34	\$5,669.93	\$0.00	\$14,942.07	\$26,677.34

TRC Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$56,384	\$44,817	\$80,200	\$82,917	\$75,651	\$292,148
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$11,777	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$2,719	\$2,719	\$2,719	\$2,719	\$2,719	\$2,719
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$70,880	\$47,536	\$82,919	\$85,636	\$78,370	\$294,867
Administration Costs	\$6,065	\$6,065	\$6,065	\$6,065	\$6,065	\$6,065
Implementation / Participation Costs	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$11,735	\$11,735	\$11,735	\$11,735	\$11,735	\$11,735
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$26,583	\$26,583	\$26,583	\$26,583	\$26,583	\$26,583
Participant or Unit Tax Credits (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Other Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	1.85	1.24	2.16	2.23	2.05	7.70

RIM Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$56,384	\$44,817	\$80,200	\$82,917	\$75,651	\$292,148
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$11,777	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$2,719	\$2,719	\$2,719	\$2,719	\$2,719	\$2,719
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$70,880	\$47,536	\$82,919	\$85,636	\$78,370	\$294,867
Administration Costs	\$6,065	\$6,065	\$6,065	\$6,065	\$6,065	\$6,065
Implementation / Participation Costs	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$14,942	\$14,942	\$14,942	\$14,942	\$14,942	\$14,942
Total	\$26,677	\$26,677	\$26,677	\$26,677	\$26,677	\$26,677
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Electric Lost Revenue	\$207,532	\$198,828	\$207,532	\$207,532	\$207,532	\$214,629
Gas Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$207,532	\$198,828	\$207,532	\$207,532	\$207,532	\$214,629
Electric Lost Revenue (Net Fuel)	\$207,532	\$198,828	\$207,532	\$207,532	\$207,532	\$214,629
Gas Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$207,532	\$198,828	\$207,532	\$207,532	\$207,532	\$214,629
Test Results	0.30	0.21	0.35	0.37	0.33	1.22
Participant or Unit Costs (Net)	0.30	0.21	0.35	0.37	0.33	1.22

Societal Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$77,125	\$61,303	\$109,702	\$113,418	\$103,479	\$399,614
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$15,286	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$3,636	\$3,636	\$3,636	\$3,636	\$3,636	\$3,636
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$96,047	\$64,938	\$113,337	\$117,053	\$107,114	\$403,250
Administration Costs	\$6,065	\$6,065	\$6,065	\$6,065	\$6,065	\$6,065
Implementation / Participation Costs	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$11,735	\$11,735	\$11,735	\$11,735	\$11,735	\$11,735
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$26,583	\$26,583	\$26,583	\$26,583	\$26,583	\$26,583
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.51	1.69	2.96	3.05	2.80	10.52

Participant Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Incentives	\$14,942	\$14,942	\$14,942	\$14,942	\$14,942	\$14,942
Participant or Unit Costs (Gross)	\$26,583	\$26,583	\$26,583	\$26,583	\$26,583	\$26,583
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$278,030	\$266,370	\$278,030	\$278,030	\$278,030	\$287,538
Gas Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$278,030	\$266,370	\$278,030	\$278,030	\$278,030	\$287,538
Test Results	11.02	10.58	11.02	11.02	11.02	11.58

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	379	379	379	379	379	379
kWh (Undiscounted)	2,972,982	2,850,317	2,972,982	2,972,982	2,972,982	3,080,144
CCF (Discounted)	-	-	-	-	-	-
kWh (Undiscounted)	379	379	379	379	379	379
kWh (Undiscounted)	2,972,982	2,850,317	2,972,982	2,972,982	2,972,982	3,080,144
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Residential - Lighting

Lost Revenue Dollars									
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)			
Year	Electric	Gas	Total	Net Free/Drop-Out		Net Free/Drop-Out		Net Free/Drop-Out	
				Electric	Gas	Electric	Gas	Electric	Gas
1	\$4.65	\$0.00	\$4.65	\$16,441.28	\$0.00	\$16,441.28	\$16,441.28	\$0.00	\$16,441.28
2	\$4.74	\$0.00	\$4.74	\$16,770.10	\$0.00	\$16,770.10	\$16,770.10	\$0.00	\$16,770.10
3	\$4.84	\$0.00	\$4.84	\$17,105.50	\$0.00	\$17,105.50	\$17,105.50	\$0.00	\$17,105.50
4	\$4.94	\$0.00	\$4.94	\$17,447.61	\$0.00	\$17,447.61	\$17,447.61	\$0.00	\$17,447.61
5	\$5.03	\$0.00	\$5.03	\$17,796.57	\$0.00	\$17,796.57	\$17,796.57	\$0.00	\$17,796.57
6	\$5.14	\$0.00	\$5.14	\$18,152.50	\$0.00	\$18,152.50	\$18,152.50	\$0.00	\$18,152.50
7	\$5.24	\$0.00	\$5.24	\$18,515.55	\$0.00	\$18,515.55	\$18,515.55	\$0.00	\$18,515.55
8	\$5.34	\$0.00	\$5.34	\$18,885.86	\$0.00	\$18,885.86	\$18,885.86	\$0.00	\$18,885.86
9	\$5.45	\$0.00	\$5.45	\$19,263.57	\$0.00	\$19,263.57	\$19,263.57	\$0.00	\$19,263.57
10	\$5.56	\$0.00	\$5.56	\$19,648.85	\$0.00	\$19,648.85	\$19,648.85	\$0.00	\$19,648.85
11	\$5.67	\$0.00	\$5.67	\$20,041.82	\$0.00	\$20,041.82	\$20,041.82	\$0.00	\$20,041.82
12	\$5.78	\$0.00	\$5.78	\$20,442.66	\$0.00	\$20,442.66	\$20,442.66	\$0.00	\$20,442.66
13	\$5.90	\$0.00	\$5.90	\$20,851.51	\$0.00	\$20,851.51	\$20,851.51	\$0.00	\$20,851.51
14	\$6.02	\$0.00	\$6.02	\$21,268.54	\$0.00	\$21,268.54	\$21,268.54	\$0.00	\$21,268.54
15	\$6.14	\$0.00	\$6.14	\$21,693.91	\$0.00	\$21,693.91	\$21,693.91	\$0.00	\$21,693.91
16	\$32.81	\$0.00	\$32.81	\$17,357.59	\$0.00	\$17,357.59	\$17,357.59	\$0.00	\$17,357.59
17	\$33.47	\$0.00	\$33.47	\$17,704.74	\$0.00	\$17,704.74	\$17,704.74	\$0.00	\$17,704.74
18	\$34.14	\$0.00	\$34.14	\$18,058.83	\$0.00	\$18,058.83	\$18,058.83	\$0.00	\$18,058.83
19	\$35.01	\$0.00	\$35.01	\$18,412.99	\$0.00	\$18,412.99	\$18,412.99	\$0.00	\$18,412.99
20	\$35.71	\$0.00	\$35.71	\$18,781.25	\$0.00	\$18,781.25	\$18,781.25	\$0.00	\$18,781.25
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$251.56	\$0.00	\$251.56	\$374,641.23	\$0.00	\$374,641.23	\$374,641.23	\$0.00	\$374,641.23

Utility Program Costs											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved (Losses Included)						
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$6,065.34	\$5,669.93	\$14,942.07	\$0.00	\$26,677.34	\$1,270.28	\$1,270.28	\$223.13	\$223.13	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$6,065.34	\$5,669.93	\$14,942.07	\$0.00	\$26,677.34	\$1,270.28	\$1,270.28	\$223.13	\$223.13	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$6,051.89	\$0.00	\$212.19	\$0.00	\$6,264.08
2	\$6,051.89	\$0.00	\$212.19	\$0.00	\$6,264.08
3	\$6,257.79	\$0.00	\$218.56	\$0.00	\$6,476.35
4	\$6,511.23	\$0.00	\$225.11	\$0.00	\$6,736.35
5	\$6,611.88	\$0.00	\$231.87	\$0.00	\$6,843.75
6	\$6,536.35	\$0.00	\$238.82	\$0.00	\$6,775.18
7	\$6,506.87	\$0.00	\$245.99	\$0.00	\$6,752.85
8	\$6,584.93	\$0.00	\$253.37	\$0.00	\$6,838.30
9	\$6,661.04	\$0.00	\$260.97	\$0.00	\$6,922.01
10	\$6,801.39	\$0.00	\$268.80	\$0.00	\$7,070.18
11	\$7,183.61	\$0.00	\$276.86	\$0.00	\$7,460.47
12	\$8,048.18	\$0.00	\$285.17	\$0.00	\$8,333.35
13	\$8,215.47	\$0.00	\$293.72	\$0.00	\$8,509.20
14	\$8,732.70	\$0.00	\$302.54	\$0.00	\$9,035.23
15	\$9,305.67	\$0.00	\$311.61	\$0.00	\$9,617.28
16	\$8,027.42	\$0.00	\$196.93	\$0.00	\$8,224.36
17	\$8,324.07	\$0.00	\$202.84	\$0.00	\$8,526.91
18	\$9,067.58	\$0.00	\$208.93	\$0.00	\$9,276.51
19	\$9,513.82	\$0.00	\$215.04	\$0.00	\$9,728.86
20	\$10,026.43	\$0.00	\$221.49	\$0.00	\$10,247.91
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$151,020.20	\$0.00	\$4,883.01	\$0.00	\$155,903.20

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$5,708.59	\$0.00	\$212.19	\$0.00	\$5,920.78
2	\$5,708.59	\$0.00	\$212.19	\$0.00	\$5,920.78
3	\$5,902.80	\$0.00	\$218.56	\$0.00	\$6,121.36
4	\$6,141.87	\$0.00	\$225.11	\$0.00	\$6,366.98
5	\$6,236.81	\$0.00	\$231.87	\$0.00	\$6,468.67
6	\$6,165.57	\$0.00	\$238.82	\$0.00	\$6,404.39
7	\$6,137.75	\$0.00	\$245.99	\$0.00	\$6,383.74
8	\$6,211.39	\$0.00	\$253.37	\$0.00	\$6,464.75
9	\$6,283.18	\$0.00	\$260.97	\$0.00	\$6,544.15
10	\$6,415.56	\$0.00	\$268.80	\$0.00	\$6,684.36
11	\$6,776.10	\$0.00	\$276.86	\$0.00	\$7,052.96
12	\$7,591.63	\$0.00	\$285.17	\$0.00	\$7,876.80
13	\$7,749.43	\$0.00	\$293.72	\$0.00	\$8,043.16
14	\$8,237.32	\$0.00	\$302.54	\$0.00	\$8,539.85
15	\$8,777.78	\$0.00	\$311.61	\$0.00	\$9,089.40
16	\$7,572.05	\$0.00	\$196.93	\$0.00	\$7,768.99
17	\$7,851.87	\$0.00	\$202.84	\$0.00	\$8,054.71
18	\$8,553.20	\$0.00	\$208.93	\$0.00	\$8,762.13
19	\$8,974.13	\$0.00	\$215.04	\$0.00	\$9,189.17
20	\$9,457.66	\$0.00	\$221.49	\$0.00	\$9,679.15
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$142,453.27	\$0.00	\$4,883.01	\$0.00	\$147,336.28

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$4,254.72	\$1,104.78	\$212.19	\$0.00	\$5,571.70
2	\$4,254.72	\$1,104.78	\$212.19	\$0.00	\$5,571.70
3	\$4,399.48	\$1,104.78	\$218.56	\$0.00	\$5,722.82
4	\$4,577.66	\$1,104.78	\$225.11	\$0.00	\$5,907.56
5	\$4,648.42	\$1,104.78	\$231.87	\$0.00	\$5,985.07
6	\$4,595.32	\$1,104.78	\$238.82	\$0.00	\$5,938.93
7	\$4,574.59	\$1,104.78	\$245.99	\$0.00	\$5,925.36
8	\$4,629.47	\$1,104.78	\$253.37	\$0.00	\$5,987.62
9	\$4,682.98	\$1,104.78	\$260.97	\$0.00	\$6,048.74
10	\$4,781.65	\$1,104.78	\$268.80	\$0.00	\$6,155.23
11	\$5,050.37	\$1,104.78	\$276.86	\$0.00	\$6,432.01
12	\$5,658.20	\$1,104.78	\$285.17	\$0.00	\$7,048.15
13	\$5,775.81	\$1,104.78	\$293.72	\$0.00	\$7,174.32
14	\$6,139.44	\$1,104.78	\$302.54	\$0.00	\$7,546.76
15	\$6,542.26	\$1,104.78	\$311.61	\$0.00	\$7,958.66
16	\$5,643.60	\$677.87	\$196.93	\$0.00	\$6,518.41
17	\$5,852.16	\$677.87	\$202.84	\$0.00	\$6,732.87
18	\$6,374.87	\$677.87	\$208.93	\$0.00	\$7,261.67
19	\$6,688.60	\$677.37	\$215.04	\$0.00	\$7,581.01
20	\$7,048.98	\$677.37	\$221.49	\$0.00	\$7,947.84
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$106,173.30	\$19,960.11	\$4,883.01	\$0.00	\$131,016.42

Discount	7.09%				
	Energy	Capacity	T&D	Ancillary	Total
1	\$4,254.72	\$1,104.78	\$212.19	\$0.00	\$5,571.70
2	\$3,973.04	\$1,031.64	\$198.14	\$0.00	\$5,202.82
3	\$3,836.22	\$963.34	\$190.58	\$0.00	\$4,990.13
4	\$3,727.32	\$899.56	\$183.30	\$0.00	\$4,810.18
5	\$3,534.35	\$840.00	\$176.30	\$0.00	\$4,550.65
6	\$3,262.66	\$784.39	\$169.56	\$0.00	\$4,216.61
7	\$3,032.90	\$732.46	\$163.09	\$0.00	\$3,928.45
8	\$2,866.08	\$683.97	\$156.86	\$0.00	\$3,706.91
9	\$2,707.27	\$638.68	\$150.87	\$0.00	\$3,496.82
10	\$2,581.29	\$596.40	\$145.11	\$0.00	\$3,322.80
11	\$2,545.86	\$556.91	\$139.56	\$0.00	\$3,242.33
12	\$2,663.42	\$520.04	\$134.23	\$0.00	\$3,317.70
13	\$2,538.78	\$485.61	\$129.11	\$0.00	\$3,153.50
14	\$2,519.95	\$453.46	\$124.18	\$0.00	\$3,097.59
15	\$2,507.51	\$423.44	\$119.43	\$0.00	\$3,050.39
16	\$2,019.87	\$242.61	\$70.48	\$0.00	\$2,332.96
17	\$1,955.84	\$226.55	\$67.79	\$0.00	\$2,250.18
18	\$1,989.48	\$211.55	\$65.20	\$0.00	\$2,266.24
19	\$1,949.19	\$197.40	\$62.67	\$0.00	\$2,209.26
20	\$1,918.21	\$184.33	\$60.27	\$0.00	\$2,162.82
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$56,383.97	\$11,777.14	\$2,718.93	\$0.00	\$70,880.05
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

2025 South Dakota Status Report - Direct Impact - Residential - Smart Thermostats

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	0.95	0.62	1.08	1.11	1.02	3.83
TRC Test	0.87	0.57	0.99	1.02	0.93	3.50
RIM Test	0.24	0.16	0.28	0.29	0.26	0.96
RIM (Net Fuel)	0.24	0.16	0.28	0.29	0.26	0.96
Societal Test	1.01	0.66	1.15	1.19	1.09	4.07
Participant Test	7.11	6.84	7.11	7.11	7.11	7.32

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/ Cost Ratio	
\$3,859.06	\$4,062.80	(\$203.74)	0.95	Utility (PAC) Test
\$3,859.06	\$4,441.80	(\$582.74)	0.87	TRC Test
\$3,859.06	\$15,806.49	(\$11,947.43)	0.24	RIM Test
\$3,859.06	\$15,806.49	(\$11,947.43)	0.24	RIM (Net Fuel) Test
\$4,484.96	\$4,441.80	\$43.16	1.01	Societal Test
\$15,485.82	\$2,179.00	\$13,306.82	7.11	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$2,974	\$2,364	\$4,231	\$4,374	\$3,991	\$15,412
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$730	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$154	\$154	\$154	\$154	\$154	\$154
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,859	\$2,518	\$4,385	\$4,528	\$4,145	\$15,566
Administration Costs	\$517	\$517	\$517	\$517	\$517	\$517
Implementation / Participation Costs	\$1,746	\$1,746	\$1,746	\$1,746	\$1,746	\$1,746
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800
Total	\$4,063	\$4,063	\$4,063	\$4,063	\$4,063	\$4,063
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	0.95	0.62	1.08	1.11	1.02	3.83

Participants	kWh	Summer kW	Winter kW	Generator Meter
13	13,837	0.93	0	
	12,539	0.84	0	

Loss Factor: 10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$517.19	\$1,745.61	\$0.00	\$1,800.00	\$4,062.80

TRC Test						
TRC Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$2,974	\$2,364	\$4,231	\$4,374	\$3,991	\$15,412
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$730	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$154	\$154	\$154	\$154	\$154	\$154
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,859	\$2,518	\$4,385	\$4,528	\$4,145	\$15,566
Administration Costs	\$517	\$517	\$517	\$517	\$517	\$517
Implementation / Participation Costs	\$1,746	\$1,746	\$1,746	\$1,746	\$1,746	\$1,746
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,263	\$2,263	\$2,263	\$2,263	\$2,263	\$2,263
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$2,179	\$2,179	\$2,179	\$2,179	\$2,179	\$2,179
Participant or Unit Tax Credits (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Other Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	0.87	0.57	0.99	1.02	0.93	3.50

RIM Test						
RIM Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$2,974	\$2,364	\$4,231	\$4,374	\$3,991	\$15,412
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$730	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$154	\$154	\$154	\$154	\$154	\$154
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,859	\$2,518	\$4,385	\$4,528	\$4,145	\$15,566
Administration Costs	\$517	\$517	\$517	\$517	\$517	\$517
Implementation / Participation Costs	\$1,746	\$1,746	\$1,746	\$1,746	\$1,746	\$1,746
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800
Total	\$4,063	\$4,063	\$4,063	\$4,063	\$4,063	\$4,063
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Electric Lost Revenue	\$11,744	\$11,251	\$11,744	\$11,744	\$11,744	\$12,145
Gas Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$11,744	\$11,251	\$11,744	\$11,744	\$11,744	\$12,145
Electric Lost Revenue (Net Fuel)	\$11,744	\$11,251	\$11,744	\$11,744	\$11,744	\$12,145
Gas Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$11,744	\$11,251	\$11,744	\$11,744	\$11,744	\$12,145
Test Results	0.24	0.16	0.28	0.29	0.26	0.96

Societal Test						
Societal Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$3,459	\$2,749	\$4,919	\$5,086	\$4,640	\$17,920
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$846	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$180	\$180	\$180	\$180	\$180	\$180
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$4,485	\$2,929	\$5,099	\$5,266	\$4,820	\$18,100
Administration Costs	\$517	\$517	\$517	\$517	\$517	\$517
Implementation / Participation Costs	\$1,746	\$1,746	\$1,746	\$1,746	\$1,746	\$1,746
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,263	\$2,263	\$2,263	\$2,263	\$2,263	\$2,263
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$2,179	\$2,179	\$2,179	\$2,179	\$2,179	\$2,179
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	1.01	0.66	1.15	1.19	1.09	4.07

Participant Test						
Participant Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Incentives	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800
Participant or Unit Costs (Gross)	\$2,179	\$2,179	\$2,179	\$2,179	\$2,179	\$2,179
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$13,686	\$13,112	\$13,686	\$13,686	\$13,686	\$14,154
Gas Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$13,686	\$13,112	\$13,686	\$13,686	\$13,686	\$14,154
Test Results	7.11	6.84	7.11	7.11	7.11	7.32

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	19	19	19	19	19	19
kWh (Discounted) CCF (Discounted)	138,368	132,659	138,368	138,368	138,368	143,355
kWh (Undiscounted)	19	19	19	19	19	19
kWh (Undiscounted) CCF (Undiscounted)	138,368	132,659	138,368	138,368	138,368	143,355

2025 South Dakota Status Report - Direct Impact - Residential - Smart Thermostats

Lost Revenue Dollars									
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)			
Year	Electric	Gas	Total	Net Free/Drop-Out		Total	Net Fuel		Total
				Electric	Gas		Electric	Gas	
1	\$111.38	\$0.00	\$111.38	\$1,447.89	\$0.00	\$1,447.89	\$1,447.89	\$0.00	\$1,447.89
2	\$113.60	\$0.00	\$113.60	\$1,476.84	\$0.00	\$1,476.84	\$1,476.84	\$0.00	\$1,476.84
3	\$115.88	\$0.00	\$115.88	\$1,506.38	\$0.00	\$1,506.38	\$1,506.38	\$0.00	\$1,506.38
4	\$118.19	\$0.00	\$118.19	\$1,536.51	\$0.00	\$1,536.51	\$1,536.51	\$0.00	\$1,536.51
5	\$120.56	\$0.00	\$120.56	\$1,567.24	\$0.00	\$1,567.24	\$1,567.24	\$0.00	\$1,567.24
6	\$122.97	\$0.00	\$122.97	\$1,598.58	\$0.00	\$1,598.58	\$1,598.58	\$0.00	\$1,598.58
7	\$125.43	\$0.00	\$125.43	\$1,630.55	\$0.00	\$1,630.55	\$1,630.55	\$0.00	\$1,630.55
8	\$127.94	\$0.00	\$127.94	\$1,663.17	\$0.00	\$1,663.17	\$1,663.17	\$0.00	\$1,663.17
9	\$130.49	\$0.00	\$130.49	\$1,696.43	\$0.00	\$1,696.43	\$1,696.43	\$0.00	\$1,696.43
10	\$133.10	\$0.00	\$133.10	\$1,730.36	\$0.00	\$1,730.36	\$1,730.36	\$0.00	\$1,730.36
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,219.53	\$0.00	\$1,219.53	\$15,853.94	\$0.00	\$15,853.94	\$15,853.94	\$0.00	\$15,853.94

Utility Program Costs											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved (Losses Included)						
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$517.19	\$1,745.61	\$1,800.00	\$0.00	\$4,062.80	\$2,191.51	\$2,191.51	\$4,383.02	\$4,383.02	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$517.19	\$1,745.61	\$1,800.00	\$0.00	\$4,062.80	\$2,191.51	\$2,191.51	\$4,383.02	\$4,383.02	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$532.95	\$0.00	\$18.73	\$0.00	\$551.69
2	\$532.95	\$0.00	\$18.73	\$0.00	\$551.69
3	\$551.09	\$0.00	\$19.29	\$0.00	\$570.38
4	\$573.41	\$0.00	\$19.87	\$0.00	\$593.28
5	\$582.27	\$0.00	\$20.47	\$0.00	\$602.74
6	\$575.62	\$0.00	\$21.08	\$0.00	\$596.70
7	\$573.02	\$0.00	\$21.71	\$0.00	\$594.74
8	\$579.90	\$0.00	\$22.37	\$0.00	\$602.26
9	\$586.60	\$0.00	\$23.04	\$0.00	\$609.64
10	\$598.96	\$0.00	\$23.73	\$0.00	\$622.69
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$5,686.76	\$0.00	\$209.02	\$0.00	\$5,895.78

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$502.72	\$0.00	\$18.73	\$0.00	\$521.45
2	\$502.72	\$0.00	\$18.73	\$0.00	\$521.45
3	\$519.82	\$0.00	\$19.29	\$0.00	\$539.12
4	\$540.88	\$0.00	\$19.87	\$0.00	\$560.75
5	\$549.24	\$0.00	\$20.47	\$0.00	\$569.71
6	\$542.96	\$0.00	\$21.08	\$0.00	\$564.05
7	\$540.52	\$0.00	\$21.71	\$0.00	\$562.23
8	\$547.00	\$0.00	\$22.37	\$0.00	\$569.37
9	\$553.32	\$0.00	\$23.04	\$0.00	\$576.36
10	\$564.98	\$0.00	\$23.73	\$0.00	\$588.71
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$5,364.17	\$0.00	\$209.02	\$0.00	\$5,573.19

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$374.69	\$97.52	\$18.73	\$0.00	\$490.94
2	\$374.69	\$97.52	\$18.73	\$0.00	\$490.94
3	\$387.44	\$97.52	\$19.29	\$0.00	\$504.25
4	\$403.13	\$97.52	\$19.87	\$0.00	\$520.52
5	\$409.36	\$97.52	\$20.47	\$0.00	\$527.35
6	\$404.68	\$97.52	\$21.08	\$0.00	\$523.29
7	\$402.86	\$97.52	\$21.71	\$0.00	\$522.10
8	\$407.69	\$97.52	\$22.37	\$0.00	\$527.58
9	\$412.40	\$97.52	\$23.04	\$0.00	\$532.96
10	\$421.09	\$97.52	\$23.73	\$0.00	\$542.34
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$3,998.02	\$975.25	\$209.02	\$0.00	\$5,182.30

Discount	7.09%				
	Energy	Capacity	T&D	Ancillary	Total
1	\$374.69	\$97.52	\$18.73	\$0.00	\$490.94
2	\$349.88	\$91.07	\$17.49	\$0.00	\$458.44
3	\$337.83	\$85.04	\$16.82	\$0.00	\$439.70
4	\$328.24	\$79.41	\$16.18	\$0.00	\$423.83
5	\$311.25	\$74.15	\$15.56	\$0.00	\$400.96
6	\$287.32	\$69.24	\$14.97	\$0.00	\$371.53
7	\$267.09	\$64.66	\$14.40	\$0.00	\$346.14
8	\$252.40	\$60.38	\$13.85	\$0.00	\$326.62
9	\$238.41	\$56.38	\$13.32	\$0.00	\$308.11
10	\$227.32	\$52.65	\$12.81	\$0.00	\$292.78
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$2,974.44	\$730.50	\$154.13	\$0.00	\$3,859.06
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	3.36	1.91	3.26	3.36	3.08	11.29
TRC Test	1.62	0.92	1.57	1.61	1.48	5.43
RIM Test	0.38	0.22	0.36	0.38	0.34	1.23
RIM (Net Fuel)	0.38	0.22	0.36	0.38	0.34	1.23
Societal Test	2.09	1.23	2.09	2.16	1.98	7.28
Participant Test	6.19	5.94	6.19	6.19	6.19	6.39

NET BENEFITS					Utility (PAC) Test
Total Benefits	Total Costs	Net Benefits	Benefit/ Cost Ratio		
\$477,415.08	\$141,901.50	\$335,513.58	3.36		Utility (PAC) Test
\$477,415.08	\$295,159.50	\$182,255.58	1.62		TRC Test
\$477,415.08	\$1,268,493.97	(\$791,078.89)	0.38		RIM Test
\$477,415.08	\$1,268,493.97	(\$791,078.89)	0.38		RIM (Net Fuel) Test
\$616,153.36	\$295,159.50	\$320,993.86	2.09		Societal Test
\$1,593,418.28	\$257,525.00	\$1,335,893.28	6.19		Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test						
Avoided Electric Production	\$302,965	\$240,584	\$430,933	\$445,531	\$406,482	\$1,570,328
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$143,349	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$31,101	\$31,101	\$31,101	\$31,101	\$31,101	\$31,101
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$477,415	\$271,685	\$462,033	\$476,632	\$437,583	\$1,601,429
Administration Costs	\$17,446	\$17,446	\$17,446	\$17,446	\$17,446	\$17,446
Implementation / Participation Costs	\$20,188	\$20,188	\$20,188	\$20,188	\$20,188	\$20,188
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$104,267	\$104,267	\$104,267	\$104,267	\$104,267	\$104,267
Total	\$141,902	\$141,902	\$141,902	\$141,902	\$141,902	\$141,902
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	3.36	1.91	3.26	3.36	3.08	11.29

Participants	kWh	Summer kW	Winter kW	Generator
4,305	900,173	550.75	0	
	815,744	499.09	0	Meter
Loss Factor:				10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$17,446.30	\$20,188.20	\$0.00	\$104,267.00	\$141,901.50

TRC Test						
Avoided Electric Production	\$302,965	\$240,584	\$430,933	\$445,531	\$406,482	\$1,570,328
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$143,349	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$31,101	\$31,101	\$31,101	\$31,101	\$31,101	\$31,101
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$477,415	\$271,685	\$462,033	\$476,632	\$437,583	\$1,601,429
Administration Costs	\$17,446	\$17,446	\$17,446	\$17,446	\$17,446	\$17,446
Implementation / Participation Costs	\$20,188	\$20,188	\$20,188	\$20,188	\$20,188	\$20,188
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$104,267	\$104,267	\$104,267	\$104,267	\$104,267	\$104,267
Total	\$37,635	\$37,635	\$37,635	\$37,635	\$37,635	\$37,635
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$257,525	\$257,525	\$257,525	\$257,525	\$257,525	\$257,525
Participant or Unit Tax Credits (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Other Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	1.62	0.92	1.57	1.61	1.48	5.43

RIM Test						
Avoided Electric Production	\$302,965	\$240,584	\$430,933	\$445,531	\$406,482	\$1,570,328
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$143,349	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$31,101	\$31,101	\$31,101	\$31,101	\$31,101	\$31,101
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$477,415	\$271,685	\$462,033	\$476,632	\$437,583	\$1,601,429
Administration Costs	\$17,446	\$17,446	\$17,446	\$17,446	\$17,446	\$17,446
Implementation / Participation Costs	\$20,188	\$20,188	\$20,188	\$20,188	\$20,188	\$20,188
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$104,267	\$104,267	\$104,267	\$104,267	\$104,267	\$104,267
Total	\$141,902	\$141,902	\$141,902	\$141,902	\$141,902	\$141,902
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Electric Lost Revenue	\$1,126,592	\$1,079,177	\$1,126,592	\$1,126,592	\$1,126,592	\$1,165,218
Gas Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,126,592	\$1,079,177	\$1,126,592	\$1,126,592	\$1,126,592	\$1,165,218
Electric Lost Revenue (Net Fuel)	\$1,126,592	\$1,079,177	\$1,126,592	\$1,126,592	\$1,126,592	\$1,165,218
Gas Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,126,592	\$1,079,177	\$1,126,592	\$1,126,592	\$1,126,592	\$1,165,218

Societal Test						
Avoided Electric Production	\$407,155	\$323,399	\$579,131	\$598,750	\$546,274	\$2,110,178
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$170,799	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$38,199	\$38,199	\$38,199	\$38,199	\$38,199	\$38,199
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$616,153	\$361,599	\$617,331	\$636,949	\$584,473	\$2,148,377
Administration Costs	\$17,446	\$17,446	\$17,446	\$17,446	\$17,446	\$17,446
Implementation / Participation Costs	\$20,188	\$20,188	\$20,188	\$20,188	\$20,188	\$20,188
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$37,635	\$37,635	\$37,635	\$37,635	\$37,635	\$37,635
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$257,525	\$257,525	\$257,525	\$257,525	\$257,525	\$257,525
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.09	1.23	2.09	2.16	1.98	7.28

Participant Test						
Incentives	\$104,267	\$104,267	\$104,267	\$104,267	\$104,267	\$104,267
Participant or Unit Costs (Gross)	\$257,525	\$257,525	\$257,525	\$257,525	\$257,525	\$257,525
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$1,489,151	\$1,426,531	\$1,489,151	\$1,489,151	\$1,489,151	\$1,540,175
Gas Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,489,151	\$1,426,531	\$1,489,151	\$1,489,151	\$1,489,151	\$1,540,175
Test Results	6.19	5.94	6.19	6.19	6.19	6.39

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	2,166	2,166	2,166	2,166	2,166	2,166
kWh (Undiscounted)	15,830,567	15,175,887	15,830,567	15,830,567	15,830,567	16,401,998
CCF (Discounted)	-	-	-	-	-	-
kWh (Undiscounted)	2,166	2,166	2,166	2,166	2,166	2,166
kWh (Undiscounted)	15,830,567	15,175,887	15,830,567	15,830,567	15,830,567	16,401,998
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Residential

Participation and Total Participant Costs												
Year	Participation						Total Participant Costs Gross			Total Participant Costs Net Free Riders / Drop-Out		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net free/drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
	1	4305	0	4305	0	4305	4305	\$257,525.00	\$0.00	\$257,525.00	\$257,525.00	\$0.00
2	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	3633	0	3633	3633	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	3611	0	3611	3611	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	3611	0	3611	3611	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	3611	0	3611	3611	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	3611	0	3611	3611	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	3611	0	3611	3611	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	605	0	605	605	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	605	0	605	605	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	605	0	605	605	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	528	0	528	528	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	528	0	528	528	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	4,305	0	57,928	0	57,928	57,928	\$257,525	\$0	\$257,525	\$257,525	\$0	\$257,525

Impacts and Savings (Losses Included)															
Year	Electric Impacts/Savings														
	Per Participant or Unit							Cumulative							
	Billing kW	Billing kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)	Billing kW	Billing kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh
1	0.155	0.155	0.128	0.128	0.003	0.003	209.10	209.10	667.25	667.25	550.75	550.75	11.43	11.43	900,173.03
2	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
3	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
4	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
5	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
6	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
7	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
8	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
9	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
10	0.055	0.055	0.023	0.023	0.003	0.003	240.09	240.09	201.55	201.55	85.05	85.05	11.43	11.43	872,231.35
11	0.055	0.055	0.022	0.022	0.003	0.003	237.53	237.53	198.95	198.95	80.42	80.42	10.50	10.50	857,703.38
12	0.055	0.055	0.022	0.022	0.003	0.003	237.53	237.53	198.95	198.95	80.42	80.42	10.50	10.50	857,703.38
13	0.055	0.055	0.022	0.022	0.003	0.003	237.53	237.53	198.95	198.95	80.42	80.42	10.50	10.50	857,703.38
14	0.055	0.055	0.022	0.022	0.003	0.003	237.53	237.53	198.95	198.95	80.42	80.42	10.50	10.50	857,703.38
15	0.055	0.055	0.022	0.022	0.003	0.003	237.53	237.53	198.95	198.95	80.42	80.42	10.50	10.50	857,703.38
16	0.258	0.258	0.126	0.126	0.011	0.011	1,361.71	1,361.71	156.23	156.23	76.36	76.36	6.44	6.44	823,831.82
17	0.258	0.258	0.126	0.126	0.011	0.011	1,361.71	1,361.71	156.23	156.23	76.36	76.36	6.44	6.44	823,831.82
18	0.258	0.258	0.126	0.126	0.011	0.011	1,361.71	1,361.71	156.23	156.23	76.36	76.36	6.44	6.44	823,831.82
19	0.152	0.152	0.018	0.018	0.012	0.012	303.31	303.31	80.15	80.15	9.69	9.69	6.44	6.44	160,149.78
20	0.152	0.152	0.018	0.018	0.012	0.012	303.31	303.31	80.15	80.15	9.69	9.69	6.44	6.44	160,149.78
21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals											8,249		8,249		

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Lost Revenue Dollars										
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)				
Year	Electric	Gas	Total	Net Free/Drop-Out		Net Free/Drop-Out Total	Net Fuel		Net Fuel	
				Electric	Gas		Electric	Gas	Electric	Gas
1	\$21.94	\$0.00	\$21.94	\$94,452.59	\$0.00	\$94,452.59	\$94,452.59	\$0.00	\$94,452.59	\$0.00
2	\$25.63	\$0.00	\$25.63	\$93,096.04	\$0.00	\$93,096.04	\$93,096.04	\$0.00	\$93,096.04	\$0.00
3	\$26.14	\$0.00	\$26.14	\$94,957.96	\$0.00	\$94,957.96	\$94,957.96	\$0.00	\$94,957.96	\$0.00
4	\$26.66	\$0.00	\$26.66	\$96,857.11	\$0.00	\$96,857.11	\$96,857.11	\$0.00	\$96,857.11	\$0.00
5	\$27.19	\$0.00	\$27.19	\$98,794.26	\$0.00	\$98,794.26	\$98,794.26	\$0.00	\$98,794.26	\$0.00
6	\$27.74	\$0.00	\$27.74	\$100,770.14	\$0.00	\$100,770.14	\$100,770.14	\$0.00	\$100,770.14	\$0.00
7	\$28.29	\$0.00	\$28.29	\$102,785.55	\$0.00	\$102,785.55	\$102,785.55	\$0.00	\$102,785.55	\$0.00
8	\$28.86	\$0.00	\$28.86	\$104,841.26	\$0.00	\$104,841.26	\$104,841.26	\$0.00	\$104,841.26	\$0.00
9	\$29.44	\$0.00	\$29.44	\$106,938.08	\$0.00	\$106,938.08	\$106,938.08	\$0.00	\$106,938.08	\$0.00
10	\$30.02	\$0.00	\$30.02	\$109,076.84	\$0.00	\$109,076.84	\$109,076.84	\$0.00	\$109,076.84	\$0.00
11	\$30.30	\$0.00	\$30.30	\$109,405.25	\$0.00	\$109,405.25	\$109,405.25	\$0.00	\$109,405.25	\$0.00
12	\$30.90	\$0.00	\$30.90	\$111,593.35	\$0.00	\$111,593.35	\$111,593.35	\$0.00	\$111,593.35	\$0.00
13	\$31.52	\$0.00	\$31.52	\$113,825.22	\$0.00	\$113,825.22	\$113,825.22	\$0.00	\$113,825.22	\$0.00
14	\$32.15	\$0.00	\$32.15	\$116,101.73	\$0.00	\$116,101.73	\$116,101.73	\$0.00	\$116,101.73	\$0.00
15	\$32.80	\$0.00	\$32.80	\$118,423.76	\$0.00	\$118,423.76	\$118,423.76	\$0.00	\$118,423.76	\$0.00
16	\$191.77	\$0.00	\$191.77	\$116,022.03	\$0.00	\$116,022.03	\$116,022.03	\$0.00	\$116,022.03	\$0.00
17	\$195.61	\$0.00	\$195.61	\$118,342.47	\$0.00	\$118,342.47	\$118,342.47	\$0.00	\$118,342.47	\$0.00
18	\$199.52	\$0.00	\$199.52	\$120,709.32	\$0.00	\$120,709.32	\$120,709.32	\$0.00	\$120,709.32	\$0.00
19	\$45.33	\$0.00	\$45.33	\$23,934.74	\$0.00	\$23,934.74	\$23,934.74	\$0.00	\$23,934.74	\$0.00
20	\$46.24	\$0.00	\$46.24	\$24,413.44	\$0.00	\$24,413.44	\$24,413.44	\$0.00	\$24,413.44	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,108.04	\$0.00	\$1,108.04	\$1,975,341.13	\$0.00	\$1,975,341.13	\$1,975,341.13	\$0.00	\$1,975,341.13	\$0.00

Utility Program Costs											
Year	Overall Costs			Total Costs per kW, kWh, and CCF Saved (Losses Included)							
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$17,446.30	\$20,188.20	\$104,267.00	\$0.00	\$141,901.50	\$252.42	\$252.42	\$705.96	\$705.96	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$17,446.30	\$20,188.20	\$104,267.00	\$0.00	\$141,901.50	\$252.42	\$252.42	\$705.96	\$705.96	\$0.00	\$0.00

2025 South Dakota Status Report - Direct Impact - Residential

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$34,766.98	\$0.00	\$11,129.34	\$0.00	\$45,896.32
2	\$33,595.93	\$0.00	\$1,718.73	\$0.00	\$35,314.65
3	\$34,738.93	\$0.00	\$1,770.29	\$0.00	\$36,509.21
4	\$36,145.87	\$0.00	\$1,823.40	\$0.00	\$37,969.27
5	\$36,704.59	\$0.00	\$1,878.10	\$0.00	\$38,582.68
6	\$36,285.33	\$0.00	\$1,934.44	\$0.00	\$38,219.77
7	\$36,121.63	\$0.00	\$1,992.47	\$0.00	\$38,114.10
8	\$36,554.98	\$0.00	\$2,052.25	\$0.00	\$38,607.23
9	\$36,977.52	\$0.00	\$2,113.81	\$0.00	\$39,091.33
10	\$37,756.60	\$0.00	\$2,177.23	\$0.00	\$39,933.83
11	\$39,214.21	\$0.00	\$2,120.33	\$0.00	\$41,334.55
12	\$43,933.79	\$0.00	\$2,183.94	\$0.00	\$46,117.74
13	\$44,847.00	\$0.00	\$2,249.46	\$0.00	\$47,096.47
14	\$47,670.45	\$0.00	\$2,316.95	\$0.00	\$49,987.40
15	\$50,798.22	\$0.00	\$2,386.46	\$0.00	\$53,184.67
16	\$53,657.12	\$0.00	\$2,334.02	\$0.00	\$55,991.14
17	\$55,639.94	\$0.00	\$2,404.04	\$0.00	\$58,043.98
18	\$60,609.74	\$0.00	\$2,476.17	\$0.00	\$63,085.90
19	\$12,366.86	\$0.00	\$323.66	\$0.00	\$12,690.52
20	\$13,033.19	\$0.00	\$333.37	\$0.00	\$13,366.55
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$781,418.87	\$0.00	\$47,718.45	\$0.00	\$829,137.32

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$32,789.39	\$0.00	\$11,129.34	\$0.00	\$43,918.73
2	\$31,690.13	\$0.00	\$1,718.73	\$0.00	\$33,408.85
3	\$32,768.29	\$0.00	\$1,770.29	\$0.00	\$34,538.58
4	\$34,095.42	\$0.00	\$1,823.40	\$0.00	\$35,918.82
5	\$34,622.44	\$0.00	\$1,878.10	\$0.00	\$36,500.54
6	\$34,226.97	\$0.00	\$1,934.44	\$0.00	\$36,161.41
7	\$34,072.56	\$0.00	\$1,992.47	\$0.00	\$36,065.03
8	\$34,481.33	\$0.00	\$2,052.25	\$0.00	\$36,533.57
9	\$34,879.89	\$0.00	\$2,113.81	\$0.00	\$36,993.71
10	\$35,614.78	\$0.00	\$2,177.23	\$0.00	\$37,792.01
11	\$36,989.71	\$0.00	\$2,120.33	\$0.00	\$39,110.04
12	\$41,441.56	\$0.00	\$2,183.94	\$0.00	\$43,625.51
13	\$42,302.97	\$0.00	\$2,249.46	\$0.00	\$44,552.43
14	\$44,966.25	\$0.00	\$2,316.95	\$0.00	\$47,283.19
15	\$47,916.59	\$0.00	\$2,386.46	\$0.00	\$50,303.04
16	\$50,613.31	\$0.00	\$2,334.02	\$0.00	\$52,947.33
17	\$52,483.65	\$0.00	\$2,404.04	\$0.00	\$54,887.70
18	\$57,171.53	\$0.00	\$2,476.17	\$0.00	\$59,647.69
19	\$11,665.32	\$0.00	\$323.66	\$0.00	\$11,988.98
20	\$12,293.85	\$0.00	\$333.37	\$0.00	\$12,627.22
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$737,085.94	\$0.00	\$47,718.45	\$0.00	\$784,804.39

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$24,444.48	\$57,945.10	\$11,129.34	\$0.00	\$93,518.92
2	\$23,619.29	\$8,948.57	\$1,718.73	\$0.00	\$34,286.59
3	\$24,422.87	\$8,948.57	\$1,770.29	\$0.00	\$35,141.73
4	\$25,412.01	\$8,948.57	\$1,823.40	\$0.00	\$36,183.98
5	\$25,804.81	\$8,948.57	\$1,878.10	\$0.00	\$36,631.48
6	\$25,510.05	\$8,948.57	\$1,934.44	\$0.00	\$36,393.07
7	\$25,394.97	\$8,948.57	\$1,992.47	\$0.00	\$36,336.01
8	\$25,699.63	\$8,948.57	\$2,052.25	\$0.00	\$36,700.45
9	\$25,996.69	\$8,948.57	\$2,113.81	\$0.00	\$37,059.08
10	\$26,544.42	\$8,948.57	\$2,177.23	\$0.00	\$37,670.22
11	\$27,569.18	\$8,460.91	\$2,120.33	\$0.00	\$38,150.42
12	\$30,887.23	\$8,460.91	\$2,183.94	\$0.00	\$41,532.08
13	\$31,529.26	\$8,460.91	\$2,249.46	\$0.00	\$42,239.63
14	\$33,514.25	\$8,460.91	\$2,316.95	\$0.00	\$44,292.11
15	\$35,713.20	\$8,460.91	\$2,386.46	\$0.00	\$46,560.56
16	\$37,723.12	\$8,033.99	\$2,334.02	\$0.00	\$48,091.14
17	\$39,117.13	\$8,033.99	\$2,404.04	\$0.00	\$49,555.16
18	\$42,611.10	\$8,033.99	\$2,476.17	\$0.00	\$53,121.25
19	\$8,694.40	\$1,019.53	\$323.66	\$0.00	\$10,037.59
20	\$9,162.86	\$1,019.53	\$333.37	\$0.00	\$10,515.75
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$549,370.95	\$206,927.83	\$47,718.45	\$0.00	\$804,017.23

Discount	7.09%				
	Energy	Capacity	T&D	Ancillary	Total
1	\$24,444.48	\$57,945.10	\$11,129.34	\$0.00	\$93,518.92
2	\$22,055.56	\$8,356.12	\$1,604.94	\$0.00	\$32,016.61
3	\$21,296.04	\$7,802.90	\$1,543.64	\$0.00	\$30,642.58
4	\$20,691.51	\$7,286.30	\$1,484.68	\$0.00	\$29,462.50
5	\$19,620.27	\$6,803.90	\$1,427.98	\$0.00	\$27,852.15
6	\$18,112.01	\$6,353.44	\$1,373.44	\$0.00	\$25,838.90
7	\$16,836.59	\$5,932.81	\$1,320.99	\$0.00	\$24,090.39
8	\$15,910.52	\$5,540.02	\$1,270.54	\$0.00	\$22,721.08
9	\$15,028.88	\$5,173.24	\$1,222.01	\$0.00	\$21,424.13
10	\$14,329.56	\$4,830.74	\$1,175.34	\$0.00	\$20,335.64
11	\$13,897.43	\$4,265.08	\$1,068.85	\$0.00	\$19,231.36
12	\$14,539.21	\$3,982.71	\$1,028.02	\$0.00	\$19,549.95
13	\$13,858.83	\$3,719.03	\$988.76	\$0.00	\$18,566.63
14	\$13,756.05	\$3,472.81	\$951.00	\$0.00	\$18,179.85
15	\$13,688.12	\$3,242.89	\$914.68	\$0.00	\$17,845.69
16	\$13,501.25	\$2,875.40	\$835.36	\$0.00	\$17,212.00
17	\$13,073.27	\$2,685.03	\$803.45	\$0.00	\$16,561.75
18	\$13,298.15	\$2,507.26	\$772.77	\$0.00	\$16,578.17
19	\$2,533.72	\$297.11	\$94.32	\$0.00	\$2,925.16
20	\$2,493.45	\$277.44	\$90.72	\$0.00	\$2,861.61
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$302,964.92	\$143,349.34	\$31,100.82	\$0.00	\$477,415.08
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	8.57	5.05	8.43	8.69	7.97	26.65
TRC Test	1.29	0.76	1.27	1.30	1.20	4.00
RIM Test	0.51	0.30	0.50	0.51	0.47	1.57
RIM (Net Fuel)	0.51	0.30	0.50	0.51	0.47	1.57
Societal Test	1.62	0.96	1.60	1.65	1.52	5.07
Participant Test	2.56	2.54	2.56	2.56	2.56	2.58

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$1,194,934.04	\$139,455.18	\$1,055,478.86	8.57	Utility (PAC) Test
\$1,194,934.04	\$928,646.49	\$266,287.54	1.29	TRC Test
\$1,194,934.04	\$2,353,644.82	(\$1,158,710.79)	0.51	RIM Test
\$1,194,934.04	\$2,353,644.82	(\$1,158,710.79)	0.51	RIM (Net Fuel) Test
\$1,506,272.01	\$928,646.49	\$577,625.52	1.62	Societal Test
\$2,339,374.64	\$914,376.31	\$1,424,998.33	2.56	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test						
Avoided Electric Production	\$780,188	\$628,383	\$1,100,325	\$1,135,557	\$1,035,451	\$3,640,778
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$339,041	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$75,705	\$75,705	\$75,705	\$75,705	\$75,705	\$75,705
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,194,934	\$704,089	\$1,176,031	\$1,211,262	\$1,111,157	\$3,716,483
Administration Costs	\$264	\$264	\$264	\$264	\$264	\$264
Implementation / Participation Costs	\$14,006	\$14,006	\$14,006	\$14,006	\$14,006	\$14,006
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$125,185	\$125,185	\$125,185	\$125,185	\$125,185	\$125,185
Total	\$139,455	\$139,455	\$139,455	\$139,455	\$139,455	\$139,455
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0

Participants	kWh	Summer kW	Winter kW	Generator
427	2,853,428	332.27	0	
	2,585,798	301.10	0	Meter
Loss Factor:				10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$264.26	\$14,005.92	\$0.00	\$125,185.00	\$139,455.18

TRC Test						
Test Results	8.57	5.05	8.43	8.69	7.97	26.65
Avoided Electric Production	\$780,188	\$628,383	\$1,100,325	\$1,135,557	\$1,035,451	\$3,640,778
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$339,041	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$75,705	\$75,705	\$75,705	\$75,705	\$75,705	\$75,705
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,194,934	\$704,089	\$1,176,031	\$1,211,262	\$1,111,157	\$3,716,483
Administration Costs	\$264	\$264	\$264	\$264	\$264	\$264
Implementation / Participation Costs	\$14,006	\$14,006	\$14,006	\$14,006	\$14,006	\$14,006
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$14,270	\$14,270	\$14,270	\$14,270	\$14,270	\$14,270
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$914,376	\$914,376	\$914,376	\$914,376	\$914,376	\$914,376
Participant or Unit Tax Credits (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Other Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0

RIM Test						
Test Results	1.29	0.76	1.27	1.30	1.20	4.00
Avoided Electric Production	\$780,188	\$628,383	\$1,100,325	\$1,135,557	\$1,035,451	\$3,640,778
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$339,041	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$75,705	\$75,705	\$75,705	\$75,705	\$75,705	\$75,705
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,194,934	\$704,089	\$1,176,031	\$1,211,262	\$1,111,157	\$3,716,483
Administration Costs	\$264	\$264	\$264	\$264	\$264	\$264
Implementation / Participation Costs	\$14,006	\$14,006	\$14,006	\$14,006	\$14,006	\$14,006
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$125,185	\$125,185	\$125,185	\$125,185	\$125,185	\$125,185
Total	\$139,455	\$139,455	\$139,455	\$139,455	\$139,455	\$139,455
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Electric Lost Revenue	\$2,214,190	\$2,196,278	\$2,214,190	\$2,214,190	\$2,214,190	\$2,230,359
Gas Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,214,190	\$2,196,278	\$2,214,190	\$2,214,190	\$2,214,190	\$2,230,359
Electric Lost Revenue (Net Fuel)	\$2,214,190	\$2,196,278	\$2,214,190	\$2,214,190	\$2,214,190	\$2,230,359
Gas Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,214,190	\$2,196,278	\$2,214,190	\$2,214,190	\$2,214,190	\$2,230,359

Societal Test						
Test Results	0.51	0.30	0.50	0.51	0.47	1.57
Avoided Electric Production	\$988,365	\$796,055	\$1,393,924	\$1,438,557	\$1,311,740	\$4,612,245
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$421,893	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$96,014	\$96,014	\$96,014	\$96,014	\$96,014	\$96,014
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,506,272	\$892,068	\$1,489,938	\$1,534,571	\$1,407,754	\$4,708,259
Administration Costs	\$264	\$264	\$264	\$264	\$264	\$264
Implementation / Participation Costs	\$14,006	\$14,006	\$14,006	\$14,006	\$14,006	\$14,006
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$14,270	\$14,270	\$14,270	\$14,270	\$14,270	\$14,270
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$914,376	\$914,376	\$914,376	\$914,376	\$914,376	\$914,376
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Participant Test						
Test Results	1.62	0.96	1.60	1.65	1.52	5.07
Incentives	\$125,185	\$125,185	\$125,185	\$125,185	\$125,185	\$125,185
Participant or Unit Costs (Gross)	\$914,376	\$914,376	\$914,376	\$914,376	\$914,376	\$914,376
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$2,214,190	\$2,196,278	\$2,214,190	\$2,214,190	\$2,214,190	\$2,230,359
Gas Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,214,190	\$2,196,278	\$2,214,190	\$2,214,190	\$2,214,190	\$2,230,359
Test Results	2.56	2.54	2.56	2.56	2.56	2.58

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	9,968	9,968	9,968	9,968	9,968	9,968
kWh (Discounted)	42,801,416	42,347,361	42,801,416	42,801,416	42,801,416	43,210,945
CCF (Discounted)	-	-	-	-	-	-
kWh (Undiscounted)	9,968	9,968	9,968	9,968	9,968	9,968
kWh (Undiscounted)	42,801,416	42,347,361	42,801,416	42,801,416	42,801,416	43,210,945
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Drive Power

Lost Revenue Dollars									
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)			
Year	Electric	Gas	Total	Net Free/Drop-Out		Net Free/Drop-Out		Net Fuel	
				Electric	Gas	Electric	Gas	Electric	Gas
1	\$475.52	\$0.00	\$475.52	\$203,046.34	\$0.00	\$203,046.34	\$203,046.34	\$0.00	\$203,046.34
2	\$485.03	\$0.00	\$485.03	\$207,107.27	\$0.00	\$207,107.27	\$207,107.27	\$0.00	\$207,107.27
3	\$494.73	\$0.00	\$494.73	\$211,249.42	\$0.00	\$211,249.42	\$211,249.42	\$0.00	\$211,249.42
4	\$504.62	\$0.00	\$504.62	\$215,474.41	\$0.00	\$215,474.41	\$215,474.41	\$0.00	\$215,474.41
5	\$514.72	\$0.00	\$514.72	\$219,783.89	\$0.00	\$219,783.89	\$219,783.89	\$0.00	\$219,783.89
6	\$525.01	\$0.00	\$525.01	\$224,179.57	\$0.00	\$224,179.57	\$224,179.57	\$0.00	\$224,179.57
7	\$535.51	\$0.00	\$535.51	\$228,663.16	\$0.00	\$228,663.16	\$228,663.16	\$0.00	\$228,663.16
8	\$546.22	\$0.00	\$546.22	\$233,236.43	\$0.00	\$233,236.43	\$233,236.43	\$0.00	\$233,236.43
9	\$557.15	\$0.00	\$557.15	\$237,901.15	\$0.00	\$237,901.15	\$237,901.15	\$0.00	\$237,901.15
10	\$568.29	\$0.00	\$568.29	\$242,659.18	\$0.00	\$242,659.18	\$242,659.18	\$0.00	\$242,659.18
11	\$579.65	\$0.00	\$579.65	\$247,512.36	\$0.00	\$247,512.36	\$247,512.36	\$0.00	\$247,512.36
12	\$591.25	\$0.00	\$591.25	\$252,462.61	\$0.00	\$252,462.61	\$252,462.61	\$0.00	\$252,462.61
13	\$603.07	\$0.00	\$603.07	\$257,511.86	\$0.00	\$257,511.86	\$257,511.86	\$0.00	\$257,511.86
14	\$615.13	\$0.00	\$615.13	\$262,662.10	\$0.00	\$262,662.10	\$262,662.10	\$0.00	\$262,662.10
15	\$627.44	\$0.00	\$627.44	\$267,915.34	\$0.00	\$267,915.34	\$267,915.34	\$0.00	\$267,915.34
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$8,223.34	\$0.00	\$8,223.34	\$3,511,365.10	\$0.00	\$3,511,365.10	\$3,511,365.10	\$0.00	\$3,511,365.10

Utility Program Costs											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved (Losses Included)						
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$264.26	\$14,005.92	\$125,185.00	\$0.00	\$139,455.18	\$209.86	\$209.86	\$327.35	\$327.35	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$264.26	\$14,005.92	\$125,185.00	\$0.00	\$139,455.18	\$209.86	\$209.86	\$327.35	\$327.35	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$100,568.03	\$0.00	\$6,714.32	\$0.00	\$107,282.35
2	\$100,568.03	\$0.00	\$6,714.32	\$0.00	\$107,282.35
3	\$103,989.56	\$0.00	\$6,915.75	\$0.00	\$110,905.31
4	\$108,201.19	\$0.00	\$7,123.22	\$0.00	\$115,324.41
5	\$109,873.68	\$0.00	\$7,336.91	\$0.00	\$117,210.59
6	\$108,618.64	\$0.00	\$7,557.02	\$0.00	\$116,175.67
7	\$108,128.62	\$0.00	\$7,783.73	\$0.00	\$115,912.36
8	\$109,425.85	\$0.00	\$8,017.24	\$0.00	\$117,443.09
9	\$110,690.69	\$0.00	\$8,257.76	\$0.00	\$118,948.45
10	\$113,022.85	\$0.00	\$8,505.49	\$0.00	\$121,528.34
11	\$119,374.45	\$0.00	\$8,760.66	\$0.00	\$128,135.11
12	\$133,741.63	\$0.00	\$9,023.48	\$0.00	\$142,765.11
13	\$136,521.59	\$0.00	\$9,294.18	\$0.00	\$145,815.78
14	\$145,116.62	\$0.00	\$9,573.01	\$0.00	\$154,689.63
15	\$154,638.06	\$0.00	\$9,860.20	\$0.00	\$164,498.26
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,762,479.51	\$0.00	\$121,437.30	\$0.00	\$1,883,916.81

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$94,638.66	\$0.00	\$6,714.32	\$0.00	\$101,352.97
2	\$94,638.66	\$0.00	\$6,714.32	\$0.00	\$101,352.97
3	\$97,858.46	\$0.00	\$6,915.75	\$0.00	\$104,774.20
4	\$101,821.77	\$0.00	\$7,123.22	\$0.00	\$108,944.99
5	\$103,395.65	\$0.00	\$7,336.91	\$0.00	\$110,732.57
6	\$102,214.61	\$0.00	\$7,557.02	\$0.00	\$109,771.64
7	\$101,753.48	\$0.00	\$7,783.73	\$0.00	\$109,537.22
8	\$102,974.22	\$0.00	\$8,017.24	\$0.00	\$110,991.47
9	\$104,164.49	\$0.00	\$8,257.76	\$0.00	\$112,422.26
10	\$106,359.15	\$0.00	\$8,505.49	\$0.00	\$114,864.65
11	\$112,336.27	\$0.00	\$8,760.66	\$0.00	\$121,096.93
12	\$125,856.38	\$0.00	\$9,023.48	\$0.00	\$134,879.86
13	\$128,472.44	\$0.00	\$9,294.18	\$0.00	\$137,766.62
14	\$136,560.71	\$0.00	\$9,573.01	\$0.00	\$146,133.72
15	\$145,520.78	\$0.00	\$9,860.20	\$0.00	\$155,380.98
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,658,565.75	\$0.00	\$121,437.30	\$0.00	\$1,780,003.05

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$71,307.97	\$34,958.21	\$6,714.32	\$0.00	\$112,980.49
2	\$71,307.97	\$34,958.21	\$6,714.32	\$0.00	\$112,980.49
3	\$73,734.01	\$34,958.21	\$6,915.75	\$0.00	\$115,607.96
4	\$76,720.27	\$34,958.21	\$7,123.22	\$0.00	\$118,801.70
5	\$77,906.15	\$34,958.21	\$7,336.91	\$0.00	\$120,201.28
6	\$77,016.27	\$34,958.21	\$7,557.02	\$0.00	\$119,531.50
7	\$76,668.82	\$34,958.21	\$7,783.73	\$0.00	\$119,410.76
8	\$77,588.62	\$34,958.21	\$8,017.24	\$0.00	\$120,564.07
9	\$78,485.46	\$34,958.21	\$8,257.76	\$0.00	\$121,701.43
10	\$80,139.08	\$34,958.21	\$8,505.49	\$0.00	\$123,602.78
11	\$84,642.70	\$34,958.21	\$8,760.66	\$0.00	\$128,361.57
12	\$94,829.77	\$34,958.21	\$9,023.48	\$0.00	\$138,811.46
13	\$96,800.91	\$34,958.21	\$9,294.18	\$0.00	\$141,053.30
14	\$102,895.23	\$34,958.21	\$9,573.01	\$0.00	\$147,426.45
15	\$109,646.43	\$34,958.21	\$9,860.20	\$0.00	\$154,464.84
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,249,689.64	\$524,373.15	\$121,437.30	\$0.00	\$1,895,500.09

Discount	7.09%				
	Energy	Capacity	T&D	Ancillary	Total
1	\$71,307.97	\$34,958.21	\$6,714.32	\$0.00	\$112,980.49
2	\$66,586.95	\$32,643.77	\$6,269.79	\$0.00	\$105,500.51
3	\$64,293.93	\$30,482.55	\$6,030.33	\$0.00	\$100,806.82
4	\$62,468.83	\$28,464.43	\$5,800.02	\$0.00	\$96,733.28
5	\$59,234.68	\$26,579.91	\$5,578.50	\$0.00	\$91,393.10
6	\$54,681.18	\$24,820.16	\$5,365.45	\$0.00	\$84,866.79
7	\$50,830.60	\$23,176.92	\$5,160.53	\$0.00	\$79,168.05
8	\$48,034.75	\$21,642.47	\$4,963.44	\$0.00	\$74,640.66
9	\$45,373.04	\$20,209.61	\$4,773.87	\$0.00	\$70,356.52
10	\$43,261.75	\$18,871.61	\$4,591.55	\$0.00	\$66,724.91
11	\$42,667.81	\$17,622.20	\$4,416.19	\$0.00	\$64,706.19
12	\$44,638.19	\$16,455.50	\$4,247.52	\$0.00	\$65,341.22
13	\$42,549.30	\$15,366.05	\$4,085.30	\$0.00	\$62,000.65
14	\$42,233.72	\$14,348.72	\$3,929.28	\$0.00	\$60,511.72
15	\$42,025.18	\$13,398.75	\$3,779.21	\$0.00	\$59,203.14
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$780,187.89	\$339,040.85	\$75,705.31	\$0.00	\$1,194,934.04
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	0.00	0.00	0.00	0.00	0.00	0.00
TRC Test	0.00	0.00	0.00	0.00	0.00	0.00
RIM Test	0.00	0.00	0.00	0.00	0.00	0.00
RIM (Net Fuel)	0.00	0.00	0.00	0.00	0.00	0.00
Societal Test	0.00	0.00	0.00	0.00	0.00	0.00
Participant Test	0.00	0.00	0.00	0.00	0.00	0.00

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$0.00	\$749.26	(\$749.26)	0.00	Utility (PAC) Test
\$0.00	\$749.26	(\$749.26)	inf.	TRC Test
\$0.00	\$749.26	(\$749.26)	inf.	RIM Test
\$0.00	\$749.26	(\$749.26)	inf.	RIM (Net Fuel) Test
\$0.00	\$749.26	(\$749.26)	inf.	Societal Test
\$0.00	\$0.00	\$0.00	inf.	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administration Costs	\$295.68	\$295.68	\$295.68	\$295.68	\$295.68	\$295.68
Implementation / Participation Costs	\$453.58	\$453.58	\$453.58	\$453.58	\$453.58	\$453.58
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$749.26	\$749.26	\$749.26	\$749.26	\$749.26	\$749.26
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	0.00	0.00	0.00	0.00	0.00	0.00

Participants	kWh	Summer kW	Winter kW	
138	0	0.00	0	Generator
	0	0.00	0	Meter

Loss Factor: 10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$295.68	\$453.58	\$0.00	\$0.00	\$749.26

TRC Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administration Costs	\$295.68	\$295.68	\$295.68	\$295.68	\$295.68	\$295.68
Implementation / Participation Costs	\$453.58	\$453.58	\$453.58	\$453.58	\$453.58	\$453.58
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$749.26	\$749.26	\$749.26	\$749.26	\$749.26	\$749.26
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Tax Credits (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	0.00	0.00	0.00	0.00	0.00	0.00

RIM Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administration Costs	\$295.68	\$295.68	\$295.68	\$295.68	\$295.68	\$295.68
Implementation / Participation Costs	\$453.58	\$453.58	\$453.58	\$453.58	\$453.58	\$453.58
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$749.26	\$749.26	\$749.26	\$749.26	\$749.26	\$749.26
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Lost Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Gas Lost Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Lost Revenue (Net Fuel)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Gas Lost Revenue (Net Fuel)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	0.00	0.00	0.00	0.00	0.00	0.00

Societal Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Administration Costs	\$295.68	\$295.68	\$295.68	\$295.68	\$295.68	\$295.68
Implementation / Participation Costs	\$453.58	\$453.58	\$453.58	\$453.58	\$453.58	\$453.58
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$749.26	\$749.26	\$749.26	\$749.26	\$749.26	\$749.26
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	0.00	0.00	0.00	0.00	0.00	0.00

Participant Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Gas Bill Savings (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	-	-	-	-	-	-
kWh (Discounted)	-	-	-	-	-	-
CCF (Discounted)	-	-	-	-	-	-
kWh (Undiscounted)	-	-	-	-	-	-
kWh (Undiscounted)	-	-	-	-	-	-
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Commercial Custom Grants

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Discount	7.09%				
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	0.52	0.31	0.52	0.53	0.49	1.70
TRC Test	0.56	0.33	0.56	0.58	0.53	1.84
RIM Test	0.08	0.05	0.08	0.09	0.08	0.28
RIM (Net Fuel)	0.08	0.05	0.08	0.09	0.08	0.28
Societal Test	0.66	0.39	0.66	0.68	0.63	2.17
Participant Test	0.00	0.00	0.00	0.00	0.00	0.00

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$3,192.39	\$6,167.08	(\$2,974.69)	0.52	Utility (PAC) Test
\$3,192.39	\$5,709.10	(\$2,516.71)	0.56	TRC Test
\$3,192.39	\$37,993.50	(\$34,801.11)	0.08	RIM Test
\$3,192.39	\$37,993.50	(\$34,801.11)	0.08	RIM (Net Fuel) Test
\$3,763.38	\$5,709.10	(\$1,945.72)	0.66	Societal Test
\$32,284.40	\$0.00	\$32,284.40	N/A	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$2,124.59	\$1,704.14	\$3,011.24	\$3,110.60	\$2,837.36	\$10,293.36
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$880.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$3,192.39	\$1,891.64	\$3,198.74	\$3,298.10	\$3,024.86	\$10,480.86
Administration Costs	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22
Implementation / Participation Costs	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$457.98	\$457.98	\$457.98	\$457.98	\$457.98	\$457.98
Total	\$6,167.08	\$6,167.08	\$6,167.08	\$6,167.08	\$6,167.08	\$6,167.08
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	0.52	0.31	0.52	0.53	0.49	1.70

Participants	kWh	Summer kW	Winter kW	
138	10,796	1.27	0	Generator
	9,783	1.15	0	Meter

Loss Factor: 0.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$1,354.22	\$4,354.88	\$0.00	\$457.98	\$6,167.08

TRC Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$2,124.59	\$1,704.14	\$3,011.24	\$3,110.60	\$2,837.36	\$10,293.36
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$880.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$3,192.39	\$1,891.64	\$3,198.74	\$3,298.10	\$3,024.86	\$10,480.86
Administration Costs	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22
Implementation / Participation Costs	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$5,709.10	\$5,709.10	\$5,709.10	\$5,709.10	\$5,709.10	\$5,709.10
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Tax Credits (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	0.56	0.33	0.56	0.58	0.53	1.84

RIM Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$2,124.59	\$1,704.14	\$3,011.24	\$3,110.60	\$2,837.36	\$10,293.36
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$880.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50	\$187.50
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$3,192.39	\$1,891.64	\$3,198.74	\$3,298.10	\$3,024.86	\$10,480.86
Administration Costs	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22
Implementation / Participation Costs	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$457.98	\$457.98	\$457.98	\$457.98	\$457.98	\$457.98
Total	\$6,167.08	\$6,167.08	\$6,167.08	\$6,167.08	\$6,167.08	\$6,167.08
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Lost Revenue	\$31,826.42	\$31,684.30	\$31,826.42	\$31,826.42	\$31,826.42	\$31,939.05
Gas Lost Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$31,826.42	\$31,684.30	\$31,826.42	\$31,826.42	\$31,826.42	\$31,939.05
Electric Lost Revenue (Net Fuel)	\$31,826.42	\$31,684.30	\$31,826.42	\$31,826.42	\$31,826.42	\$31,939.05
Gas Lost Revenue (Net Fuel)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$31,826.42	\$31,684.30	\$31,826.42	\$31,826.42	\$31,826.42	\$31,939.05
Test Results	0.08	0.05	0.08	0.09	0.08	0.28

Societal Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$2,509.05	\$2,012.52	\$3,556.15	\$3,673.48	\$3,350.80	\$12,156.01
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$1,031.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$222.62	\$222.62	\$222.62	\$222.62	\$222.62	\$222.62
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$3,763.38	\$2,235.14	\$3,778.77	\$3,896.10	\$3,573.41	\$12,378.63
Administration Costs	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22	\$1,354.22
Implementation / Participation Costs	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88	\$4,354.88
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$5,709.10	\$5,709.10	\$5,709.10	\$5,709.10	\$5,709.10	\$5,709.10
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	0.66	0.39	0.66	0.68	0.63	2.17

Participant Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Incentives	\$457.98	\$457.98	\$457.98	\$457.98	\$457.98	\$457.98
Participant or Unit Costs (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$31,826.42	\$31,684.30	\$31,826.42	\$31,826.42	\$31,826.42	\$31,939.05
Gas Bill Savings (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$31,826.42	\$31,684.30	\$31,826.42	\$31,826.42	\$31,826.42	\$31,939.05
Test Results	inf.	inf.	inf.	inf.	inf.	inf.

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kW (Discounted)	23	23	23	23	23	23
kWh (Discounted)	100,184	97,806	100,184	100,184	100,184	102,065
CCF (Discounted)	-	-	-	-	-	-
kW (Undiscounted)	23	23	23	23	23	23
kWh (Undiscounted)	100,184	97,806	100,184	100,184	100,184	102,065
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Commercial Direct Install

Lost Revenue Dollars									
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)			
Year	Electric	Gas	Total	Net Free/Drop-Out		Total	Net Fuel		Total
				Electric	Gas		Electric	Gas	
1	\$26.13	\$0.00	\$26.13	\$3,605.63	\$0.00	\$3,605.63	\$3,605.63	\$0.00	\$3,605.63
2	\$26.65	\$0.00	\$26.65	\$3,677.74	\$0.00	\$3,677.74	\$3,677.74	\$0.00	\$3,677.74
3	\$27.18	\$0.00	\$27.18	\$3,751.29	\$0.00	\$3,751.29	\$3,751.29	\$0.00	\$3,751.29
4	\$36.08	\$0.00	\$36.08	\$3,643.72	\$0.00	\$3,643.72	\$3,643.72	\$0.00	\$3,643.72
5	\$36.80	\$0.00	\$36.80	\$3,716.60	\$0.00	\$3,716.60	\$3,716.60	\$0.00	\$3,716.60
6	\$36.32	\$0.00	\$36.32	\$3,632.32	\$0.00	\$3,632.32	\$3,632.32	\$0.00	\$3,632.32
7	\$37.05	\$0.00	\$37.05	\$3,704.96	\$0.00	\$3,704.96	\$3,704.96	\$0.00	\$3,704.96
8	\$37.79	\$0.00	\$37.79	\$3,779.06	\$0.00	\$3,779.06	\$3,779.06	\$0.00	\$3,779.06
9	\$38.55	\$0.00	\$38.55	\$3,854.64	\$0.00	\$3,854.64	\$3,854.64	\$0.00	\$3,854.64
10	\$39.32	\$0.00	\$39.32	\$3,931.74	\$0.00	\$3,931.74	\$3,931.74	\$0.00	\$3,931.74
11	\$40.10	\$0.00	\$40.10	\$4,010.37	\$0.00	\$4,010.37	\$4,010.37	\$0.00	\$4,010.37
12	\$55.40	\$0.00	\$55.40	\$3,878.30	\$0.00	\$3,878.30	\$3,878.30	\$0.00	\$3,878.30
13	\$5.68	\$0.00	\$5.68	\$340.90	\$0.00	\$340.90	\$340.90	\$0.00	\$340.90
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$443.05	\$0.00	\$443.05	\$45,527.27	\$0.00	\$45,527.27	\$45,527.27	\$0.00	\$45,527.27

Utility Program Costs											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved (Losses Included)						
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$1,354.22	\$4,354.88	\$457.98	\$0.00	\$6,167.08	\$2,447.89	\$2,447.89	\$74.27	\$74.27	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,354.22	\$4,354.88	\$457.98	\$0.00	\$6,167.08	\$2,447.89	\$2,447.89	\$74.27	\$74.27	\$0.00	\$0.00

2025 South Dakota Status Report - Direct Impact - Commercial Direct Install

Market-Based Avoided Costs (Net Free Riders, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$413.51	\$0.00	\$25.64	\$0.00	\$439.16
2	\$413.51	\$0.00	\$25.64	\$0.00	\$439.16
3	\$427.58	\$0.00	\$26.41	\$0.00	\$453.99
4	\$361.72	\$0.00	\$18.87	\$0.00	\$380.59
5	\$367.31	\$0.00	\$19.44	\$0.00	\$386.75
6	\$289.48	\$0.00	\$18.77	\$0.00	\$308.25
7	\$288.17	\$0.00	\$19.33	\$0.00	\$307.50
8	\$291.63	\$0.00	\$19.91	\$0.00	\$311.54
9	\$295.00	\$0.00	\$20.51	\$0.00	\$315.51
10	\$301.22	\$0.00	\$21.12	\$0.00	\$322.34
11	\$318.14	\$0.00	\$21.76	\$0.00	\$339.90
12	\$251.38	\$0.00	\$15.22	\$0.00	\$266.59
13	\$172.83	\$0.00	\$11.11	\$0.00	\$183.94
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$4,191.49	\$0.00	\$263.73	\$0.00	\$4,455.21

Market-Based Avoided Costs (Net Free Riders, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$389.63	\$0.00	\$25.64	\$0.00	\$415.28
2	\$389.63	\$0.00	\$25.64	\$0.00	\$415.28
3	\$402.89	\$0.00	\$26.41	\$0.00	\$429.30
4	\$340.83	\$0.00	\$18.87	\$0.00	\$359.70
5	\$346.10	\$0.00	\$19.44	\$0.00	\$365.54
6	\$272.76	\$0.00	\$18.77	\$0.00	\$291.53
7	\$271.53	\$0.00	\$19.33	\$0.00	\$290.86
8	\$274.79	\$0.00	\$19.91	\$0.00	\$294.70
9	\$277.97	\$0.00	\$20.51	\$0.00	\$298.47
10	\$283.82	\$0.00	\$21.12	\$0.00	\$304.94
11	\$299.77	\$0.00	\$21.76	\$0.00	\$321.53
12	\$236.86	\$0.00	\$15.22	\$0.00	\$252.08
13	\$162.85	\$0.00	\$11.11	\$0.00	\$173.96
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$3,949.44	\$0.00	\$263.73	\$0.00	\$4,213.17

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$291.76	\$133.51	\$25.64	\$0.00	\$450.91
2	\$291.76	\$133.51	\$25.64	\$0.00	\$450.91
3	\$301.68	\$133.51	\$26.41	\$0.00	\$461.60
4	\$255.21	\$92.61	\$18.87	\$0.00	\$366.69
5	\$259.16	\$92.61	\$19.44	\$0.00	\$371.21
6	\$204.24	\$86.81	\$18.77	\$0.00	\$309.82
7	\$203.32	\$86.81	\$19.33	\$0.00	\$309.46
8	\$205.76	\$86.81	\$19.91	\$0.00	\$312.48
9	\$208.14	\$86.81	\$20.51	\$0.00	\$315.46
10	\$212.52	\$86.81	\$21.12	\$0.00	\$320.46
11	\$224.47	\$86.81	\$21.76	\$0.00	\$333.03
12	\$177.36	\$58.96	\$15.22	\$0.00	\$251.54
13	\$121.94	\$41.80	\$11.11	\$0.00	\$174.85
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$2,957.31	\$1,207.38	\$263.73	\$0.00	\$4,428.42

Discount 7.09%					
	Energy	Capacity	T&D	Ancillary	Total
1	\$291.76	\$133.51	\$25.64	\$0.00	\$450.91
2	\$272.44	\$124.67	\$23.95	\$0.00	\$421.06
3	\$263.06	\$116.42	\$23.03	\$0.00	\$402.51
4	\$207.80	\$75.41	\$15.37	\$0.00	\$298.58
5	\$197.05	\$70.42	\$14.78	\$0.00	\$282.24
6	\$145.01	\$61.64	\$13.32	\$0.00	\$219.97
7	\$134.80	\$57.56	\$12.82	\$0.00	\$205.17
8	\$127.39	\$53.75	\$12.33	\$0.00	\$193.46
9	\$120.33	\$50.19	\$11.86	\$0.00	\$182.37
10	\$114.73	\$46.86	\$11.40	\$0.00	\$172.99
11	\$113.15	\$43.76	\$10.97	\$0.00	\$167.88
12	\$83.49	\$27.75	\$7.16	\$0.00	\$118.40
13	\$53.60	\$18.37	\$4.88	\$0.00	\$76.85
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$2,124.59	\$880.30	\$187.50	\$0.00	\$3,192.39
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

2025 South Dakota Status Report - Direct Impact - Commercial Heat Pumps

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	2.36	1.54	2.64	2.73	2.50	8.78
TRC Test	1.70	1.11	1.90	1.96	1.80	6.32
RIM Test	0.38	0.25	0.42	0.43	0.40	1.38
RIM (Net Fuel)	0.38	0.25	0.42	0.43	0.40	1.38
Societal Test	2.14	1.40	2.41	2.48	2.27	8.00
Participant Test	5.05	4.95	5.05	5.05	5.05	5.13

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/ Cost Ratio	
\$281,342.79	\$119,126.38	\$162,216.41	2.36	Utility (PAC) Test
\$281,342.79	\$165,680.38	\$115,662.41	1.70	TRC Test
\$281,342.79	\$747,519.60	(\$466,176.81)	0.38	RIM Test
\$281,342.79	\$747,519.60	(\$466,176.81)	0.38	RIM (Net Fuel) Test
\$355,184.23	\$165,680.38	\$189,503.85	2.14	Societal Test
\$725,543.22	\$143,704.00	\$581,839.22	5.05	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$213,424.91	\$171,189.35	\$302,493.74	\$312,474.39	\$285,025.96	\$1,034,016.35
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$55,520.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$281,342.79	\$183,586.68	\$314,891.07	\$324,871.72	\$297,423.29	\$1,046,413.68
Administration Costs	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03
Implementation / Participation Costs	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00
Total	\$119,126.38	\$119,126.38	\$119,126.38	\$119,126.38	\$119,126.38	\$119,126.38
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.36	1.54	2.64	2.73	2.50	8.78

Participants	kWh	Summer kW	Winter kW	
138	721,793	54.41	0	Generator
	654,095	49.31	0	Meter

Loss Factor: 10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$4,372.03	\$17,604.35	\$0.00	\$97,150.00	\$119,126.38

TRC Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$213,424.91	\$171,189.35	\$302,493.74	\$312,474.39	\$285,025.96	\$1,034,016.35
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$55,520.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$281,342.79	\$183,586.68	\$314,891.07	\$324,871.72	\$297,423.29	\$1,046,413.68
Administration Costs	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03
Implementation / Participation Costs	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$21,976.38	\$21,976.38	\$21,976.38	\$21,976.38	\$21,976.38	\$21,976.38
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00
Participant or Unit Tax Credits (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	1.70	1.11	1.90	1.96	1.80	6.32

RIM Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$213,424.91	\$171,189.35	\$302,493.74	\$312,474.39	\$285,025.96	\$1,034,016.35
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$55,520.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33	\$12,397.33
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$281,342.79	\$183,586.68	\$314,891.07	\$324,871.72	\$297,423.29	\$1,046,413.68
Administration Costs	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03
Implementation / Participation Costs	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00
Total	\$119,126.38	\$119,126.38	\$119,126.38	\$119,126.38	\$119,126.38	\$119,126.38
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Lost Revenue	\$628,393.22	\$614,350.43	\$628,393.22	\$628,393.22	\$628,393.22	\$639,521.60
Gas Lost Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$628,393.22	\$614,350.43	\$628,393.22	\$628,393.22	\$628,393.22	\$639,521.60
Electric Lost Revenue (Net Fuel)	\$628,393.22	\$614,350.43	\$628,393.22	\$628,393.22	\$628,393.22	\$639,521.60
Gas Lost Revenue (Net Fuel)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$628,393.22	\$614,350.43	\$628,393.22	\$628,393.22	\$628,393.22	\$639,521.60
Test Results	0.38	0.25	0.42	0.43	0.40	1.38

Societal Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$270,372.95	\$216,867.70	\$383,207.96	\$395,851.74	\$361,079.27	\$1,309,922.31
Avoided Electric Production Address	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$69,088.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$15,723.01	\$15,723.01	\$15,723.01	\$15,723.01	\$15,723.01	\$15,723.01
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$355,184.23	\$232,590.71	\$398,930.97	\$411,574.75	\$376,802.28	\$1,325,645.32
Administration Costs	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03	\$4,372.03
Implementation / Participation Costs	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35	\$17,604.35
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$21,976.38	\$21,976.38	\$21,976.38	\$21,976.38	\$21,976.38	\$21,976.38
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.14	1.40	2.41	2.48	2.27	8.00

Participant Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Incentives	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00	\$97,150.00
Participant or Unit Costs (Gross)	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00	\$143,704.00
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$628,393.22	\$614,350.43	\$628,393.22	\$628,393.22	\$628,393.22	\$639,521.60
Gas Bill Savings (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$628,393.22	\$614,350.43	\$628,393.22	\$628,393.22	\$628,393.22	\$639,521.60
Test Results	5.05	4.95	5.05	5.05	5.05	5.13

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kW (Discounted)	816	816	816	816	816	816
kWh (Discounted)	10,826,902	10,569,898	10,826,902	10,826,902	10,826,902	11,030,227
CCF (Discounted)	-	-	-	-	-	-
kW (Undiscounted)	816	816	816	816	816	816
kWh (Undiscounted)	10,826,902	10,569,898	10,826,902	10,826,902	10,826,902	11,030,227
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Commercial Heat Pumps

Lost Revenue Dollars										
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)				
Year	Electric	Gas	Total	Net Free/Drop-Out		Total	Net Fuel		Total	
				Electric	Gas		Electric	Gas		
1	\$944.67	\$0.00	\$944.67	\$57,625.12	\$0.00	\$57,625.12	\$57,625.12	\$0.00	\$57,625.12	
2	\$963.57	\$0.00	\$963.57	\$58,777.62	\$0.00	\$58,777.62	\$58,777.62	\$0.00	\$58,777.62	
3	\$982.84	\$0.00	\$982.84	\$59,953.18	\$0.00	\$59,953.18	\$59,953.18	\$0.00	\$59,953.18	
4	\$1,002.50	\$0.00	\$1,002.50	\$61,152.24	\$0.00	\$61,152.24	\$61,152.24	\$0.00	\$61,152.24	
5	\$1,022.55	\$0.00	\$1,022.55	\$62,375.28	\$0.00	\$62,375.28	\$62,375.28	\$0.00	\$62,375.28	
6	\$1,043.00	\$0.00	\$1,043.00	\$63,622.79	\$0.00	\$63,622.79	\$63,622.79	\$0.00	\$63,622.79	
7	\$1,063.86	\$0.00	\$1,063.86	\$64,895.25	\$0.00	\$64,895.25	\$64,895.25	\$0.00	\$64,895.25	
8	\$1,085.13	\$0.00	\$1,085.13	\$66,193.15	\$0.00	\$66,193.15	\$66,193.15	\$0.00	\$66,193.15	
9	\$1,106.84	\$0.00	\$1,106.84	\$67,517.01	\$0.00	\$67,517.01	\$67,517.01	\$0.00	\$67,517.01	
10	\$1,128.97	\$0.00	\$1,128.97	\$68,867.35	\$0.00	\$68,867.35	\$68,867.35	\$0.00	\$68,867.35	
11	\$1,151.55	\$0.00	\$1,151.55	\$70,244.70	\$0.00	\$70,244.70	\$70,244.70	\$0.00	\$70,244.70	
12	\$1,174.58	\$0.00	\$1,174.58	\$71,649.59	\$0.00	\$71,649.59	\$71,649.59	\$0.00	\$71,649.59	
13	\$1,198.08	\$0.00	\$1,198.08	\$73,082.59	\$0.00	\$73,082.59	\$73,082.59	\$0.00	\$73,082.59	
14	\$1,222.04	\$0.00	\$1,222.04	\$74,544.24	\$0.00	\$74,544.24	\$74,544.24	\$0.00	\$74,544.24	
15	\$1,246.48	\$0.00	\$1,246.48	\$76,035.12	\$0.00	\$76,035.12	\$76,035.12	\$0.00	\$76,035.12	
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$16,336.64	\$0.00	\$16,336.64	\$996,535.24	\$0.00	\$996,535.24	\$996,535.24	\$0.00	\$996,535.24	

Utility Program Costs											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved (Losses Included)						
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$4,372.03	\$17,604.35	\$97,150.00	\$0.00	\$119,126.38	\$2,189.38	\$2,189.38	\$2,146.04	\$2,146.04	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$4,372.03	\$17,604.35	\$97,150.00	\$0.00	\$119,126.38	\$2,189.38	\$2,189.38	\$2,146.04	\$2,146.04	\$0.00	\$0.00

2025 South Dakota Status Report - Direct Impact - Commercial Heat Pumps

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$27,647.46	\$0.00	\$1,099.52	\$0.00	\$28,746.98
2	\$27,647.46	\$0.00	\$1,099.52	\$0.00	\$28,746.98
3	\$28,588.08	\$0.00	\$1,132.51	\$0.00	\$29,720.59
4	\$29,745.91	\$0.00	\$1,166.48	\$0.00	\$30,912.40
5	\$30,205.70	\$0.00	\$1,201.48	\$0.00	\$31,407.18
6	\$29,860.68	\$0.00	\$1,237.52	\$0.00	\$31,098.20
7	\$29,725.96	\$0.00	\$1,274.65	\$0.00	\$31,000.61
8	\$30,082.59	\$0.00	\$1,312.89	\$0.00	\$31,395.47
9	\$30,430.31	\$0.00	\$1,352.27	\$0.00	\$31,782.58
10	\$31,071.45	\$0.00	\$1,392.84	\$0.00	\$32,464.29
11	\$32,817.59	\$0.00	\$1,434.63	\$0.00	\$34,252.22
12	\$36,767.31	\$0.00	\$1,477.66	\$0.00	\$38,244.98
13	\$37,531.56	\$0.00	\$1,521.99	\$0.00	\$39,053.56
14	\$39,894.45	\$0.00	\$1,567.65	\$0.00	\$41,462.10
15	\$42,512.01	\$0.00	\$1,614.68	\$0.00	\$44,126.70
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$484,528.53	\$0.00	\$19,886.30	\$0.00	\$504,414.83

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$26,050.93	\$0.00	\$1,099.52	\$0.00	\$27,150.45
2	\$26,050.93	\$0.00	\$1,099.52	\$0.00	\$27,150.45
3	\$26,937.24	\$0.00	\$1,132.51	\$0.00	\$28,069.74
4	\$28,028.21	\$0.00	\$1,166.48	\$0.00	\$29,194.69
5	\$28,461.45	\$0.00	\$1,201.48	\$0.00	\$29,662.92
6	\$28,136.35	\$0.00	\$1,237.52	\$0.00	\$29,373.87
7	\$28,009.41	\$0.00	\$1,274.65	\$0.00	\$29,284.06
8	\$28,345.44	\$0.00	\$1,312.89	\$0.00	\$29,658.33
9	\$28,673.08	\$0.00	\$1,352.27	\$0.00	\$30,025.36
10	\$29,277.20	\$0.00	\$1,392.84	\$0.00	\$30,670.04
11	\$30,922.51	\$0.00	\$1,434.63	\$0.00	\$32,357.13
12	\$34,644.15	\$0.00	\$1,477.66	\$0.00	\$36,121.82
13	\$35,364.27	\$0.00	\$1,521.99	\$0.00	\$36,886.26
14	\$37,590.71	\$0.00	\$1,567.65	\$0.00	\$39,158.36
15	\$40,057.12	\$0.00	\$1,614.68	\$0.00	\$41,671.80
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$456,548.99	\$0.00	\$19,886.30	\$0.00	\$476,435.29

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$19,506.71	\$5,724.68	\$1,099.52	\$0.00	\$26,330.90
2	\$19,506.71	\$5,724.68	\$1,099.52	\$0.00	\$26,330.90
3	\$20,170.36	\$5,724.68	\$1,132.51	\$0.00	\$27,027.55
4	\$20,987.27	\$5,724.68	\$1,166.48	\$0.00	\$27,878.43
5	\$21,311.68	\$5,724.68	\$1,201.48	\$0.00	\$28,237.83
6	\$21,068.25	\$5,724.68	\$1,237.52	\$0.00	\$28,030.44
7	\$20,973.20	\$5,724.68	\$1,274.65	\$0.00	\$27,972.52
8	\$21,224.81	\$5,724.68	\$1,312.89	\$0.00	\$28,262.38
9	\$21,470.15	\$5,724.68	\$1,352.27	\$0.00	\$28,547.10
10	\$21,922.51	\$5,724.68	\$1,392.84	\$0.00	\$29,040.03
11	\$23,154.50	\$5,724.68	\$1,434.63	\$0.00	\$30,313.80
12	\$25,941.23	\$5,724.68	\$1,477.66	\$0.00	\$33,143.57
13	\$26,480.45	\$5,724.68	\$1,521.99	\$0.00	\$33,727.12
14	\$28,147.59	\$5,724.68	\$1,567.65	\$0.00	\$35,439.92
15	\$29,994.41	\$5,724.68	\$1,614.68	\$0.00	\$37,333.77
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$341,859.82	\$85,870.15	\$19,886.30	\$0.00	\$447,616.27

Discount		7.09%				
Year	Energy	Capacity	T&D	Ancillary	Total	
1	\$19,506.71	\$5,724.68	\$1,099.52	\$0.00	\$26,330.90	
2	\$18,215.25	\$5,345.67	\$1,026.73	\$0.00	\$24,587.64	
3	\$17,587.98	\$4,991.75	\$987.51	\$0.00	\$23,567.24	
4	\$17,088.71	\$4,661.27	\$949.80	\$0.00	\$22,699.78	
5	\$16,203.99	\$4,352.67	\$913.52	\$0.00	\$21,470.18	
6	\$14,958.35	\$4,064.49	\$878.63	\$0.00	\$19,901.48	
7	\$13,905.00	\$3,795.40	\$845.08	\$0.00	\$18,545.48	
8	\$13,140.18	\$3,544.12	\$812.80	\$0.00	\$17,497.11	
9	\$12,412.06	\$3,309.48	\$781.76	\$0.00	\$16,503.29	
10	\$11,834.50	\$3,090.37	\$751.90	\$0.00	\$15,676.78	
11	\$11,672.02	\$2,885.77	\$723.18	\$0.00	\$15,280.98	
12	\$12,211.04	\$2,694.72	\$695.56	\$0.00	\$15,601.32	
13	\$11,639.61	\$2,516.31	\$669.00	\$0.00	\$14,824.92	
14	\$11,553.28	\$2,349.71	\$643.45	\$0.00	\$14,546.44	
15	\$11,496.23	\$2,194.15	\$618.87	\$0.00	\$14,309.26	
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$213,424.91	\$55,520.56	\$12,397.33	\$0.00	\$281,342.79	
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	12.67	7.12	11.78	12.13	11.14	36.89
TRC Test	3.86	2.17	3.59	3.70	3.40	11.25
RIM Test	0.51	0.29	0.47	0.49	0.45	1.47
RIM (Net Fuel)	0.51	0.29	0.47	0.49	0.45	1.47
Societal Test	4.87	2.75	4.55	4.68	4.30	14.25
Participant Test	8.07	8.01	8.07	8.07	8.07	8.12

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/ Cost Ratio	
\$849,944.74	\$67,096.56	\$782,848.18	12.67	Utility (PAC) Test
\$849,944.74	\$220,055.94	\$629,888.80	3.86	TRC Test
\$849,944.74	\$1,673,423.24	(\$823,478.50)	0.51	RIM Test
\$849,944.74	\$1,673,423.24	(\$823,478.50)	0.51	RIM (Net Fuel) Test
\$1,070,598.61	\$220,055.94	\$850,542.67	4.87	Societal Test
\$1,659,011.15	\$205,643.85	\$1,453,367.30	N/A	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test						
Avoided Electric Production	\$517,406.53	\$416,732.54	\$729,715.90	\$753,080.84	\$686,692.69	\$2,414,498.38
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$271,840.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$849,944.74	\$477,430.01	\$790,413.38	\$813,778.31	\$747,390.17	\$2,475,195.86
Administration Costs	\$905.81	\$905.81	\$905.81	\$905.81	\$905.81	\$905.81
Implementation / Participation Costs	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$52,684.47	\$52,684.47	\$52,684.47	\$52,684.47	\$52,684.47	\$52,684.47
Total	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	12.67	7.12	11.78	12.13	11.14	36.89

Participants	kWh	Summer kW	Winter kW	
69	1,893,243	266.45	0	Generator
	1,715,671	241.46	0	Meter

Loss Factor: 10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$905.81	\$13,506.28	\$0.00	\$52,684.47	\$67,096.56

TRC Test						
Avoided Electric Production	\$517,406.53	\$416,732.54	\$729,715.90	\$753,080.84	\$686,692.69	\$2,414,498.38
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$271,840.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$849,944.74	\$477,430.01	\$790,413.38	\$813,778.31	\$747,390.17	\$2,475,195.86
Administration Costs	\$905.81	\$905.81	\$905.81	\$905.81	\$905.81	\$905.81
Implementation / Participation Costs	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$14,412.09	\$14,412.09	\$14,412.09	\$14,412.09	\$14,412.09	\$14,412.09
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$205,643.85	\$205,643.85	\$205,643.85	\$205,643.85	\$205,643.85	\$205,643.85
Participant or Unit Tax Credits (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	3.86	2.17	3.59	3.70	3.40	11.25

RIM Test						
Avoided Electric Production	\$517,406.53	\$416,732.54	\$729,715.90	\$753,080.84	\$686,692.69	\$2,414,498.38
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$271,840.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47	\$60,697.47
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$849,944.74	\$477,430.01	\$790,413.38	\$813,778.31	\$747,390.17	\$2,475,195.86
Administration Costs	\$905.81	\$905.81	\$905.81	\$905.81	\$905.81	\$905.81
Implementation / Participation Costs	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$52,684.47	\$52,684.47	\$52,684.47	\$52,684.47	\$52,684.47	\$52,684.47
Total	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Lost Revenue	\$1,606,326.68	\$1,594,447.45	\$1,606,326.68	\$1,606,326.68	\$1,606,326.68	\$1,617,050.67
Gas Lost Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,606,326.68	\$1,594,447.45	\$1,606,326.68	\$1,606,326.68	\$1,606,326.68	\$1,617,050.67
Electric Lost Revenue (Net Fuel)	\$1,606,326.68	\$1,594,447.45	\$1,606,326.68	\$1,606,326.68	\$1,606,326.68	\$1,617,050.67
Gas Lost Revenue (Net Fuel)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,606,326.68	\$1,594,447.45	\$1,606,326.68	\$1,606,326.68	\$1,606,326.68	\$1,617,050.67
Test Results	0.51	0.29	0.47	0.49	0.45	1.47

Societal Test						
Avoided Electric Production	\$655,369.93	\$527,851.81	\$924,290.35	\$953,885.40	\$869,795.25	\$3,058,310.15
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$338,253.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$76,975.31	\$76,975.31	\$76,975.31	\$76,975.31	\$76,975.31	\$76,975.31
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$1,070,598.61	\$604,827.12	\$1,001,265.66	\$1,030,860.71	\$946,770.56	\$3,135,285.46
Administration Costs	\$905.81	\$905.81	\$905.81	\$905.81	\$905.81	\$905.81
Implementation / Participation Costs	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28	\$13,506.28
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$14,412.09	\$14,412.09	\$14,412.09	\$14,412.09	\$14,412.09	\$14,412.09
Total	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56	\$67,096.56
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$205,643.85	\$205,643.85	\$205,643.85	\$205,643.85	\$205,643.85	\$205,643.85
Participant or Unit Tax Credits (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	4.87	2.75	4.55	4.68	4.30	14.25

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kW (Discounted)	7,991	7,991	7,991	7,991	7,991	7,991
kWh (Discounted)	28,381,915	28,080,829	28,381,915	28,381,915	28,381,915	28,653,477
CCF (Discounted)	-	-	-	-	-	-
kW (Undiscounted)	7,991	7,991	7,991	7,991	7,991	7,991
kWh (Undiscounted)	28,381,915	28,080,829	28,381,915	28,381,915	28,381,915	28,653,477
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - Direct Impact - Commercial Lighting

Lost Revenue Dollars										
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)				
Year	Electric	Gas	Total	Net Free/Drop-Out		Total	Net Fuel		Total	
				Electric	Gas		Electric	Gas		
1	\$2,135.80	\$0.00	\$2,135.80	\$147,370.13	\$0.00	\$147,370.13	\$147,370.13	\$0.00	\$147,370.13	
2	\$2,178.52	\$0.00	\$2,178.52	\$150,317.54	\$0.00	\$150,317.54	\$150,317.54	\$0.00	\$150,317.54	
3	\$2,222.09	\$0.00	\$2,222.09	\$153,323.89	\$0.00	\$153,323.89	\$153,323.89	\$0.00	\$153,323.89	
4	\$2,266.53	\$0.00	\$2,266.53	\$156,390.37	\$0.00	\$156,390.37	\$156,390.37	\$0.00	\$156,390.37	
5	\$2,311.86	\$0.00	\$2,311.86	\$159,518.17	\$0.00	\$159,518.17	\$159,518.17	\$0.00	\$159,518.17	
6	\$2,358.09	\$0.00	\$2,358.09	\$162,708.54	\$0.00	\$162,708.54	\$162,708.54	\$0.00	\$162,708.54	
7	\$2,405.26	\$0.00	\$2,405.26	\$165,962.71	\$0.00	\$165,962.71	\$165,962.71	\$0.00	\$165,962.71	
8	\$2,453.36	\$0.00	\$2,453.36	\$169,281.96	\$0.00	\$169,281.96	\$169,281.96	\$0.00	\$169,281.96	
9	\$2,502.43	\$0.00	\$2,502.43	\$172,667.60	\$0.00	\$172,667.60	\$172,667.60	\$0.00	\$172,667.60	
10	\$2,552.48	\$0.00	\$2,552.48	\$176,120.95	\$0.00	\$176,120.95	\$176,120.95	\$0.00	\$176,120.95	
11	\$2,603.53	\$0.00	\$2,603.53	\$179,643.37	\$0.00	\$179,643.37	\$179,643.37	\$0.00	\$179,643.37	
12	\$2,655.60	\$0.00	\$2,655.60	\$183,236.24	\$0.00	\$183,236.24	\$183,236.24	\$0.00	\$183,236.24	
13	\$2,708.71	\$0.00	\$2,708.71	\$186,900.96	\$0.00	\$186,900.96	\$186,900.96	\$0.00	\$186,900.96	
14	\$2,762.88	\$0.00	\$2,762.88	\$190,638.98	\$0.00	\$190,638.98	\$190,638.98	\$0.00	\$190,638.98	
15	\$2,962.57	\$0.00	\$2,962.57	\$192,567.17	\$0.00	\$192,567.17	\$192,567.17	\$0.00	\$192,567.17	
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Totals	\$37,079.69	\$0.00	\$37,079.69	\$2,546,648.59	\$0.00	\$2,546,648.59	\$2,546,648.59	\$0.00	\$2,546,648.59	

Utility Program Costs											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved (Losses Included)						
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$905.81	\$13,506.28	\$52,684.47	\$0.00	\$67,096.56	\$125.91	\$125.91	\$169.98	\$169.98	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$905.81	\$13,506.28	\$52,684.47	\$0.00	\$67,096.56	\$125.91	\$125.91	\$169.98	\$169.98	\$0.00	\$0.00

2025 South Dakota Status Report - Direct Impact - Commercial Lighting

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$66,726.65	\$0.00	\$5,384.35	\$0.00	\$72,111.01
2	\$66,726.65	\$0.00	\$5,384.35	\$0.00	\$72,111.01
3	\$68,996.83	\$0.00	\$5,545.88	\$0.00	\$74,542.71
4	\$71,791.24	\$0.00	\$5,712.26	\$0.00	\$77,503.50
5	\$72,900.93	\$0.00	\$5,883.63	\$0.00	\$78,784.56
6	\$72,068.21	\$0.00	\$6,060.14	\$0.00	\$78,128.35
7	\$71,743.09	\$0.00	\$6,241.94	\$0.00	\$77,985.03
8	\$72,603.79	\$0.00	\$6,429.20	\$0.00	\$79,032.99
9	\$73,443.01	\$0.00	\$6,622.08	\$0.00	\$80,065.09
10	\$74,990.40	\$0.00	\$6,820.74	\$0.00	\$81,811.13
11	\$79,204.67	\$0.00	\$7,025.36	\$0.00	\$86,230.03
12	\$88,737.26	\$0.00	\$7,236.12	\$0.00	\$95,973.38
13	\$90,581.76	\$0.00	\$7,453.20	\$0.00	\$98,034.96
14	\$96,284.54	\$0.00	\$7,676.80	\$0.00	\$103,961.34
15	\$101,695.68	\$0.00	\$7,875.20	\$0.00	\$109,570.88
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,168,494.70	\$0.00	\$97,351.26	\$0.00	\$1,265,845.96

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$62,792.53	\$0.00	\$5,384.35	\$0.00	\$68,176.88
2	\$62,792.53	\$0.00	\$5,384.35	\$0.00	\$68,176.88
3	\$64,928.86	\$0.00	\$5,545.88	\$0.00	\$70,474.74
4	\$67,558.51	\$0.00	\$5,712.26	\$0.00	\$73,270.77
5	\$68,602.77	\$0.00	\$5,883.63	\$0.00	\$74,486.40
6	\$67,819.16	\$0.00	\$6,060.14	\$0.00	\$73,879.29
7	\$67,513.20	\$0.00	\$6,241.94	\$0.00	\$73,755.14
8	\$68,323.16	\$0.00	\$6,429.20	\$0.00	\$74,752.36
9	\$69,112.90	\$0.00	\$6,622.08	\$0.00	\$75,734.97
10	\$70,569.05	\$0.00	\$6,820.74	\$0.00	\$77,389.79
11	\$74,534.85	\$0.00	\$7,025.36	\$0.00	\$81,560.21
12	\$83,505.41	\$0.00	\$7,236.12	\$0.00	\$90,741.53
13	\$85,241.16	\$0.00	\$7,453.20	\$0.00	\$92,694.37
14	\$90,607.71	\$0.00	\$7,676.80	\$0.00	\$98,284.51
15	\$95,699.82	\$0.00	\$7,875.20	\$0.00	\$103,575.02
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,099,601.61	\$0.00	\$97,351.26	\$0.00	\$1,196,952.86

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$47,312.67	\$28,033.74	\$5,384.35	\$0.00	\$80,730.76
2	\$47,312.67	\$28,033.74	\$5,384.35	\$0.00	\$80,730.76
3	\$48,922.34	\$28,033.74	\$5,545.88	\$0.00	\$82,501.96
4	\$50,903.72	\$28,033.74	\$5,712.26	\$0.00	\$84,649.72
5	\$51,690.55	\$28,033.74	\$5,883.63	\$0.00	\$85,607.91
6	\$51,100.11	\$28,033.74	\$6,060.14	\$0.00	\$85,193.99
7	\$50,869.58	\$28,033.74	\$6,241.94	\$0.00	\$85,145.26
8	\$51,479.86	\$28,033.74	\$6,429.20	\$0.00	\$85,942.80
9	\$52,074.91	\$28,033.74	\$6,622.08	\$0.00	\$86,730.73
10	\$53,172.09	\$28,033.74	\$6,820.74	\$0.00	\$88,026.56
11	\$56,160.23	\$28,033.74	\$7,025.36	\$0.00	\$91,219.33
12	\$62,919.33	\$28,033.74	\$7,236.12	\$0.00	\$98,189.19
13	\$64,227.18	\$28,033.74	\$7,453.20	\$0.00	\$99,714.12
14	\$68,270.74	\$28,033.74	\$7,676.80	\$0.00	\$103,981.28
15	\$72,107.53	\$27,920.61	\$7,875.20	\$0.00	\$107,903.34
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$828,523.52	\$420,392.92	\$97,351.26	\$0.00	\$1,346,267.69

Discount	7.09%				
	Energy	Capacity	T&D	Ancillary	Total
1	\$47,312.67	\$28,033.74	\$5,384.35	\$0.00	\$80,730.76
2	\$44,180.29	\$26,177.73	\$5,027.88	\$0.00	\$75,385.90
3	\$42,658.87	\$24,444.61	\$4,835.85	\$0.00	\$71,939.34
4	\$41,447.92	\$22,826.23	\$4,651.16	\$0.00	\$68,925.31
5	\$39,302.07	\$21,315.00	\$4,473.52	\$0.00	\$65,090.59
6	\$36,280.83	\$19,903.82	\$4,302.67	\$0.00	\$60,487.32
7	\$33,725.98	\$18,586.07	\$4,138.34	\$0.00	\$56,450.39
8	\$31,870.95	\$17,355.56	\$3,980.29	\$0.00	\$53,206.79
9	\$30,104.90	\$16,206.51	\$3,828.27	\$0.00	\$50,139.69
10	\$28,704.07	\$15,133.55	\$3,682.06	\$0.00	\$47,519.68
11	\$28,309.99	\$14,131.61	\$3,541.44	\$0.00	\$45,983.04
12	\$29,617.34	\$13,196.02	\$3,406.18	\$0.00	\$46,219.53
13	\$28,231.36	\$12,322.36	\$3,276.09	\$0.00	\$43,829.81
14	\$28,021.97	\$11,506.55	\$3,150.97	\$0.00	\$42,679.49
15	\$27,637.31	\$10,701.39	\$3,018.40	\$0.00	\$41,357.09
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$517,406.53	\$271,840.74	\$60,697.47	\$0.00	\$849,944.74
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	7.00	4.11	6.87	7.08	6.49	21.79
TRC Test	1.76	1.03	1.73	1.78	1.63	5.49
RIM Test	0.48	0.29	0.47	0.49	0.45	1.49
RIM (Net Fuel)	0.48	0.29	0.47	0.49	0.45	1.49
Societal Test	2.22	1.31	2.19	2.26	2.07	6.95
Participant Test	3.76	3.73	3.76	3.76	3.76	3.79

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$2,329,413.96	\$332,594.46	\$1,996,819.50	7.00	Utility (PAC) Test
\$2,329,413.96	\$1,320,841.17	\$1,008,572.78	1.76	TRC Test
\$2,329,413.96	\$4,813,330.42	(\$2,483,916.47)	0.48	RIM Test
\$2,329,413.96	\$4,813,330.42	(\$2,483,916.47)	0.48	RIM (Net Fuel) Test
\$2,935,818.22	\$1,320,841.17	\$1,614,977.05	2.22	Societal Test
\$4,756,213.41	\$1,263,724.16	\$3,492,489.25	N/A	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test						
Avoided Electric Production	\$1,513,143.91	\$1,218,009.44	\$2,135,546.22	\$2,204,222.71	\$2,010,007.43	\$7,099,586.27
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$667,282.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,329,413.96	\$1,366,997.05	\$2,284,533.82	\$2,353,210.32	\$2,158,995.04	\$7,248,573.87
Administration Costs	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00
Implementation / Participation Costs	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45
Total	\$332,594.46	\$332,594.46	\$332,594.46	\$332,594.46	\$332,594.46	\$332,594.46
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	7.00	4.11	6.87	7.08	6.49	21.79

Participants	kWh	Summer kWh	Winter kWh	
695	5,479,259	654.40	0	Generator
	4,965,346	593.02	0	Meter

Loss Factor: 10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$7,192.00	\$49,925.01	\$0.00	\$275,477.45	\$332,594.46

TRC Test						
Avoided Electric Production	\$1,513,143.91	\$1,218,009.44	\$2,135,546.22	\$2,204,222.71	\$2,010,007.43	\$7,099,586.27
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$667,282.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,329,413.96	\$1,366,997.05	\$2,284,533.82	\$2,353,210.32	\$2,158,995.04	\$7,248,573.87
Administration Costs	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00
Implementation / Participation Costs	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$57,117.01	\$57,117.01	\$57,117.01	\$57,117.01	\$57,117.01	\$57,117.01
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16
Participant or Unit Tax Credits (Net)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	1.76	1.03	1.73	1.78	1.63	5.49

RIM Test						
Avoided Electric Production	\$1,513,143.91	\$1,218,009.44	\$2,135,546.22	\$2,204,222.71	\$2,010,007.43	\$7,099,586.27
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$667,282.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61	\$148,987.61
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,329,413.96	\$1,366,997.05	\$2,284,533.82	\$2,353,210.32	\$2,158,995.04	\$7,248,573.87
Administration Costs	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00
Implementation / Participation Costs	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45
Total	\$332,594.46	\$332,594.46	\$332,594.46	\$332,594.46	\$332,594.46	\$332,594.46
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Lost Revenue	\$4,480,735.96	\$4,436,760.52	\$4,480,735.96	\$4,480,735.96	\$4,480,735.96	\$4,518,870.40
Gas Lost Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$4,480,735.96	\$4,436,760.52	\$4,480,735.96	\$4,480,735.96	\$4,480,735.96	\$4,518,870.40
Electric Lost Revenue (Net Fuel)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Gas Lost Revenue (Net Fuel)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$4,480,735.96	\$4,436,760.52	\$4,480,735.96	\$4,480,735.96	\$4,480,735.96	\$4,518,870.40
Test Results	0.48	0.29	0.47	0.49	0.45	1.49

Societal Test						
Avoided Electric Production	\$1,916,616.87	\$1,542,786.61	\$2,704,978.94	\$2,791,967.48	\$2,545,965.62	\$8,992,633.31
Avoided Electric Production Adders	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric Capacity	\$830,266.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Electric T&D	\$188,934.79	\$188,934.79	\$188,934.79	\$188,934.79	\$188,934.79	\$188,934.79
Avoided Electric Ancillary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Production	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Avoided Gas Capacity	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$2,935,818.22	\$1,731,721.41	\$2,893,913.73	\$2,980,902.27	\$2,734,900.41	\$9,181,568.10
Administration Costs	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00	\$7,192.00
Implementation / Participation Costs	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01	\$49,925.01
Other / Miscellaneous Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Incentives	\$57,117.01	\$57,117.01	\$57,117.01	\$57,117.01	\$57,117.01	\$57,117.01
Total	\$114,244.02	\$114,244.02	\$114,244.02	\$114,244.02	\$114,244.02	\$114,244.02
Reduced Arrears	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant or Unit Costs (Net)	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.22	1.31	2.19	2.26	2.07	6.95

Participant Test						
Incentives	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45	\$275,477.45
Participant or Unit Costs (Gross)	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16	\$1,263,724.16
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$4,480,735.96	\$4,436,760.52	\$4,480,735.96	\$4,480,735.96	\$4,480,735.96	\$4,518,870.40
Gas Bill Savings (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$4,480,735.96	\$4,436,760.52	\$4,480,735.96	\$4,480,735.96	\$4,480,735.96	\$4,518,870.40
Test Results	3.76	3.73	3.76	3.76	3.76	3.79

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kW (Discounted)	18,798	18,798	18,798	18,798	18,798	18,798
kWh (Discounted)	82,110,417	81,095,893	82,110,417	82,110,417	82,110,417	82,996,713
CCF (Discounted)	-	-	-	-	-	-
kW (Undiscounted)	18,798	18,798	18,798	18,798	18,798	18,798
kWh (Undiscounted)	82,110,417	81,095,893	82,110,417	82,110,417	82,110,417	82,996,713
CCF (Undiscounted)	-	-	-	-	-	-

Participation and Total Participant Costs												
Year	Participation						Total Participant Costs Gross			Total Participant Costs Net Free Riders / Drop-Out		
	New Participants	New Free Riders	Cumulative Participants	Cumulative Free Riders	Cumulative Participants (net free riders)	Cumulative Participants (net free/drop-out)	One-Time Investment	Annual Investment	Total Costs	One-Time Investment	Annual Investment	Total Costs
	1	695	0	695	0	695	695	\$1,263,724.16	\$0.00	\$1,263,724.16	\$1,263,724.16	\$0.00
2	0	0	695	0	695	695	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	0	0	695	0	695	695	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	0	0	658	0	658	658	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0	0	658	0	658	658	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0	0	657	0	657	657	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	0	0	657	0	657	657	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	0	0	657	0	657	657	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	0	0	657	0	657	657	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	0	0	657	0	657	657	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	0	0	657	0	657	657	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	0	0	627	0	627	627	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	0	0	617	0	617	617	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	0	0	557	0	557	557	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	0	0	553	0	553	553	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	695	0	9,697	0	9,697	9,697	\$1,263,724	\$0	\$1,263,724	\$1,263,724	\$0	\$1,263,724

Impacts and Savings (Losses Included)																
Year	Electric Impacts/Savings															
	Per Participant or Unit								Cumulative							
	Billing kW	Billing kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)	Billing kW	Billing kW (net)	Summer Coin kW	Summer Coin (net)	Winter Coin kW	Winter Coin (net)	kWh	kWh (net)
1	1.392	1.392	0.942	0.942	0.863	0.863	7,883.83	7,883.83	967.67	967.67	654.40	654.40	599.97	599.97	5,479,259.38	5,479,259.38
2	1.392	1.392	0.942	0.942	0.863	0.863	7,883.83	7,883.83	967.67	967.67	654.40	654.40	599.97	599.97	5,479,259.38	5,479,259.38
3	1.392	1.392	0.942	0.942	0.863	0.863	7,883.83	7,883.83	967.67	967.67	654.40	654.40	599.97	599.97	5,479,259.38	5,479,259.38
4	1.470	1.470	0.994	0.994	0.911	0.911	8,324.07	8,324.07	967.16	967.16	654.01	654.01	599.58	599.58	5,477,241.01	5,477,241.01
5	1.470	1.470	0.994	0.994	0.911	0.911	8,324.07	8,324.07	967.16	967.16	654.01	654.01	599.58	599.58	5,477,241.01	5,477,241.01
6	1.472	1.472	0.995	0.995	0.913	0.913	8,334.04	8,334.04	966.96	966.96	653.95	653.95	599.52	599.52	5,475,461.06	5,475,461.06
7	1.472	1.472	0.995	0.995	0.913	0.913	8,334.04	8,334.04	966.96	966.96	653.95	653.95	599.52	599.52	5,475,461.06	5,475,461.06
8	1.472	1.472	0.995	0.995	0.913	0.913	8,334.04	8,334.04	966.96	966.96	653.95	653.95	599.52	599.52	5,475,461.06	5,475,461.06
9	1.472	1.472	0.995	0.995	0.913	0.913	8,334.04	8,334.04	966.96	966.96	653.95	653.95	599.52	599.52	5,475,461.06	5,475,461.06
10	1.472	1.472	0.995	0.995	0.913	0.913	8,334.04	8,334.04	966.96	966.96	653.95	653.95	599.52	599.52	5,475,461.06	5,475,461.06
11	1.472	1.472	0.995	0.995	0.913	0.913	8,334.04	8,334.04	966.96	966.96	653.95	653.95	599.52	599.52	5,475,461.06	5,475,461.06
12	1.542	1.542	1.043	1.043	0.956	0.956	8,729.50	8,729.50	966.60	966.60	653.69	653.69	599.28	599.28	5,473,398.62	5,473,398.62
13	1.434	1.434	1.059	1.059	0.971	0.971	8,868.38	8,868.38	885.04	885.04	653.52	653.52	599.11	599.11	5,471,787.51	5,471,787.51
14	1.588	1.588	1.173	1.173	1.075	1.075	9,817.71	9,817.71	884.64	884.64	653.13	653.13	598.72	598.72	5,468,463.77	5,468,463.77
15	1.591	1.591	1.179	1.179	1.081	1.081	9,858.48	9,858.48	880.03	880.03	652.05	652.05	597.64	597.64	5,451,740.34	5,451,740.34
16	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals							127,578	127,578							82,110,417	82,110,417

Lost Revenue Dollars									
Year	Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)		
	Electric	Gas	Total	Net Free/Drop-Out Electric	Net Free/Drop-Out Gas	Net Free/Drop-Out Total	Net Fuel		Net Fuel Total
							Net Free/Drop-Out Electric	Net Free/Drop-Out Gas	
1	\$592.30	\$0.00	\$592.30	\$411,647.23	\$0.00	\$411,647.23	\$411,647.23	\$0.00	\$411,647.23
2	\$604.14	\$0.00	\$604.14	\$419,880.17	\$0.00	\$419,880.17	\$419,880.17	\$0.00	\$419,880.17
3	\$616.23	\$0.00	\$616.23	\$428,277.78	\$0.00	\$428,277.78	\$428,277.78	\$0.00	\$428,277.78
4	\$663.62	\$0.00	\$663.62	\$436,660.73	\$0.00	\$436,660.73	\$436,660.73	\$0.00	\$436,660.73
5	\$676.89	\$0.00	\$676.89	\$445,393.95	\$0.00	\$445,393.95	\$445,393.95	\$0.00	\$445,393.95
6	\$691.24	\$0.00	\$691.24	\$454,143.21	\$0.00	\$454,143.21	\$454,143.21	\$0.00	\$454,143.21
7	\$705.06	\$0.00	\$705.06	\$463,226.08	\$0.00	\$463,226.08	\$463,226.08	\$0.00	\$463,226.08
8	\$719.16	\$0.00	\$719.16	\$472,490.60	\$0.00	\$472,490.60	\$472,490.60	\$0.00	\$472,490.60
9	\$733.55	\$0.00	\$733.55	\$481,940.41	\$0.00	\$481,940.41	\$481,940.41	\$0.00	\$481,940.41
10	\$748.22	\$0.00	\$748.22	\$491,579.22	\$0.00	\$491,579.22	\$491,579.22	\$0.00	\$491,579.22
11	\$763.18	\$0.00	\$763.18	\$501,410.81	\$0.00	\$501,410.81	\$501,410.81	\$0.00	\$501,410.81
12	\$815.35	\$0.00	\$815.35	\$511,226.74	\$0.00	\$511,226.74	\$511,226.74	\$0.00	\$511,226.74
13	\$839.28	\$0.00	\$839.28	\$517,836.31	\$0.00	\$517,836.31	\$517,836.31	\$0.00	\$517,836.31
14	\$947.66	\$0.00	\$947.66	\$527,845.32	\$0.00	\$527,845.32	\$527,845.32	\$0.00	\$527,845.32
15	\$970.19	\$0.00	\$970.19	\$536,517.63	\$0.00	\$536,517.63	\$536,517.63	\$0.00	\$536,517.63
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$11,086.08	\$0.00	\$11,086.08	\$7,100,076.20	\$0.00	\$7,100,076.20	\$7,100,076.20	\$0.00	\$7,100,076.20

Utility Program Costs											
Year	Overall Costs				Total Costs per kW, kWh, and CCF Saved (Losses Included)						
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$7,192.00	\$49,925.01	\$275,477.45	\$0.00	\$332,594.46	\$265.15	\$265.15	\$346.71	\$346.71	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$7,192.00	\$49,925.01	\$275,477.45	\$0.00	\$332,594.46	\$265.15	\$265.15	\$346.71	\$346.71	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$195,355.66	\$0.00	\$13,223.83	\$0.00	\$208,579.49
2	\$195,355.66	\$0.00	\$13,223.83	\$0.00	\$208,579.49
3	\$202,002.06	\$0.00	\$13,620.55	\$0.00	\$215,622.61
4	\$210,100.06	\$0.00	\$14,020.83	\$0.00	\$224,120.89
5	\$213,347.62	\$0.00	\$14,441.46	\$0.00	\$227,789.07
6	\$210,837.01	\$0.00	\$14,873.45	\$0.00	\$225,710.46
7	\$209,885.85	\$0.00	\$15,319.65	\$0.00	\$225,205.50
8	\$212,403.85	\$0.00	\$15,779.24	\$0.00	\$228,183.09
9	\$214,859.01	\$0.00	\$16,252.62	\$0.00	\$231,111.63
10	\$219,385.91	\$0.00	\$16,740.20	\$0.00	\$236,126.11
11	\$231,714.86	\$0.00	\$17,242.40	\$0.00	\$248,957.26
12	\$259,497.58	\$0.00	\$17,752.48	\$0.00	\$277,250.07
13	\$264,807.74	\$0.00	\$18,280.50	\$0.00	\$283,088.23
14	\$281,295.61	\$0.00	\$18,817.46	\$0.00	\$300,113.07
15	\$298,845.76	\$0.00	\$19,350.08	\$0.00	\$318,195.84
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$3,419,694.23	\$0.00	\$238,938.58	\$0.00	\$3,658,632.81

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$183,871.75	\$0.00	\$13,223.83	\$0.00	\$197,095.58
2	\$183,871.75	\$0.00	\$13,223.83	\$0.00	\$197,095.58
3	\$190,127.44	\$0.00	\$13,620.55	\$0.00	\$203,747.99
4	\$197,749.32	\$0.00	\$14,020.83	\$0.00	\$211,770.15
5	\$200,805.97	\$0.00	\$14,441.46	\$0.00	\$215,247.43
6	\$198,442.88	\$0.00	\$14,873.45	\$0.00	\$213,316.32
7	\$197,547.62	\$0.00	\$15,319.65	\$0.00	\$212,867.27
8	\$199,917.61	\$0.00	\$15,779.24	\$0.00	\$215,696.85
9	\$202,228.44	\$0.00	\$16,252.62	\$0.00	\$218,481.06
10	\$206,489.22	\$0.00	\$16,740.20	\$0.00	\$223,229.42
11	\$218,093.41	\$0.00	\$17,242.40	\$0.00	\$235,335.81
12	\$244,242.81	\$0.00	\$17,752.48	\$0.00	\$261,995.29
13	\$249,240.71	\$0.00	\$18,280.50	\$0.00	\$267,521.21
14	\$264,759.13	\$0.00	\$18,817.46	\$0.00	\$283,576.60
15	\$281,277.72	\$0.00	\$19,350.08	\$0.00	\$300,627.80
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$3,218,665.79	\$0.00	\$238,938.58	\$0.00	\$3,457,604.37

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$138,419.09	\$68,850.13	\$13,223.83	\$0.00	\$220,493.06
2	\$138,419.09	\$68,850.13	\$13,223.83	\$0.00	\$220,493.06
3	\$143,128.39	\$68,850.13	\$13,620.55	\$0.00	\$225,599.08
4	\$148,866.48	\$68,809.23	\$14,020.83	\$0.00	\$231,696.54
5	\$151,167.54	\$68,809.23	\$14,441.46	\$0.00	\$234,418.23
6	\$149,388.87	\$68,803.44	\$14,873.45	\$0.00	\$233,065.75
7	\$148,714.92	\$68,803.44	\$15,319.65	\$0.00	\$232,838.00
8	\$150,499.05	\$68,803.44	\$15,779.24	\$0.00	\$235,081.73
9	\$152,238.66	\$68,803.44	\$16,252.62	\$0.00	\$237,294.71
10	\$155,446.20	\$68,803.44	\$16,740.20	\$0.00	\$240,989.83
11	\$164,181.89	\$68,803.44	\$17,242.40	\$0.00	\$250,227.73
12	\$183,867.70	\$68,775.58	\$17,752.48	\$0.00	\$270,395.76
13	\$187,630.47	\$68,758.42	\$18,280.50	\$0.00	\$274,669.39
14	\$199,313.56	\$68,716.62	\$18,817.46	\$0.00	\$286,847.65
15	\$211,748.37	\$68,603.50	\$19,350.08	\$0.00	\$299,701.95
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$2,423,030.29	\$1,031,843.61	\$238,938.58	\$0.00	\$3,693,812.47

Discount 7.09%					
	Energy	Capacity	T&D	Ancillary	Total
1	\$138,419.09	\$68,850.13	\$13,223.83	\$0.00	\$220,493.06
2	\$129,254.92	\$64,291.84	\$12,348.34	\$0.00	\$205,895.10
3	\$124,803.84	\$60,035.34	\$11,876.73	\$0.00	\$196,715.91
4	\$121,213.27	\$56,027.34	\$11,416.34	\$0.00	\$188,656.95
5	\$114,937.79	\$52,317.99	\$10,980.33	\$0.00	\$178,236.11
6	\$106,065.38	\$48,850.11	\$10,560.08	\$0.00	\$165,475.56
7	\$98,596.39	\$45,615.94	\$10,156.76	\$0.00	\$154,369.09
8	\$93,173.27	\$42,595.89	\$9,768.85	\$0.00	\$145,538.01
9	\$88,010.32	\$39,775.79	\$9,395.76	\$0.00	\$137,181.87
10	\$83,915.05	\$37,142.39	\$9,036.92	\$0.00	\$130,094.35
11	\$82,762.97	\$34,683.34	\$8,691.78	\$0.00	\$126,138.09
12	\$86,550.05	\$32,373.99	\$8,356.43	\$0.00	\$127,280.47
13	\$82,473.87	\$30,223.09	\$8,035.28	\$0.00	\$120,732.23
14	\$81,808.97	\$28,204.98	\$7,723.70	\$0.00	\$117,737.65
15	\$81,158.73	\$26,294.29	\$7,416.48	\$0.00	\$114,869.49
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$1,513,143.91	\$667,282.44	\$148,987.61	\$0.00	\$2,329,413.96
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	0.00	0.00	0.00	0.00	0.00	0.00
TRC Test	0.00	0.00	0.00	0.00	0.00	0.00
RIM Test	0.00	0.00	0.00	0.00	0.00	0.00
RIM (Net Fuel)	0.00	0.00	0.00	0.00	0.00	0.00
Societal Test	0.00	0.00	0.00	0.00	0.00	0.00
Participant Test	0.00	0.00	0.00	0.00	0.00	0.00

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$0.00	\$32,077.41	(\$32,077.41)	0.00	Utility (PAC) Test
\$0.00	\$32,077.41	(\$32,077.41)	inf.	TRC Test
\$0.00	\$32,077.41	(\$32,077.41)	inf.	RIM Test
\$0.00	\$32,077.41	(\$32,077.41)	inf.	RIM (Net Fuel) Test
\$0.00	\$32,077.41	(\$32,077.41)	inf.	Societal Test
\$0.00	\$0.00	\$0.00	inf.	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test						
Avoided Electric Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Administration Costs	\$13,972	\$13,972	\$13,972	\$13,972	\$13,972	\$13,972
Implementation / Participation Costs	\$18,106	\$18,106	\$18,106	\$18,106	\$18,106	\$18,106
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$32,077	\$32,077	\$32,077	\$32,077	\$32,077	\$32,077
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0

Participants	kWh	Summer kW	Winter kW	Generator
286	0	0.00	0	Meter

Loss Factor: 10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$13,971.60	\$18,105.81	\$0.00	\$0.00	\$32,077.41

TRC Test						
Test Results						
Avoided Electric Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Administration Costs	\$13,972	\$13,972	\$13,972	\$13,972	\$13,972	\$13,972
Implementation / Participation Costs	\$18,106	\$18,106	\$18,106	\$18,106	\$18,106	\$18,106
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$32,077	\$32,077	\$32,077	\$32,077	\$32,077	\$32,077
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Tax Credits (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Other Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0

RIM Test						
Test Results						
Avoided Electric Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Administration Costs	\$13,972	\$13,972	\$13,972	\$13,972	\$13,972	\$13,972
Implementation / Participation Costs	\$18,106	\$18,106	\$18,106	\$18,106	\$18,106	\$18,106
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$32,077	\$32,077	\$32,077	\$32,077	\$32,077	\$32,077
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Electric Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Gas Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Electric Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Gas Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Societal Test						
Test Results						
Avoided Electric Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Production Adders	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Administration Costs	\$13,972	\$13,972	\$13,972	\$13,972	\$13,972	\$13,972
Implementation / Participation Costs	\$18,106	\$18,106	\$18,106	\$18,106	\$18,106	\$18,106
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$32,077	\$32,077	\$32,077	\$32,077	\$32,077	\$32,077
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Participant Test						
Incentives	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Gas Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kWh (Discounted)	-	-	-	-	-	-
kWh (Discounted)	-	-	-	-	-	-
CCF (Discounted)	-	-	-	-	-	-
kWh (Undiscounted)	-	-	-	-	-	-
kWh (Undiscounted)	-	-	-	-	-	-
CCF (Undiscounted)	-	-	-	-	-	-

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Discount 7.09%					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	0	0	0	0	0

2025 South Dakota Status Report - All Results

Cost / Benefit Tests For Normal Weather						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Utility (PAC/UCT) Test	5.54	3.23	5.42	5.59	5.13	17.47
TRC Test	1.70	0.99	1.67	1.72	1.58	5.37
RIM Test	0.46	0.27	0.45	0.46	0.42	1.43
RIM (Net Fuel)	0.46	0.27	0.45	0.46	0.42	1.43
Societal Test	2.16	1.27	2.13	2.20	2.01	6.87
Participant Test	4.17	4.10	4.17	4.17	4.17	4.23

NET BENEFITS				
Total Benefits	Total Costs	Net Benefits	Benefit/Cost Ratio	
\$2,806,829.04	\$506,573.37	\$2,300,255.67	5.54	Utility (PAC) Test
\$2,806,829.04	\$1,648,078.08	\$1,158,750.95	1.70	TRC Test
\$2,806,829.04	\$6,113,901.80	(\$3,307,072.76)	0.46	RIM Test
\$2,806,829.04	\$6,113,901.80	(\$3,307,072.76)	0.46	RIM (Net Fuel) Test
\$3,551,971.58	\$1,648,078.08	\$1,903,893.50	2.16	Societal Test
\$6,349,631.69	\$1,521,249.16	\$4,828,382.53	4.17	Participant Test

Present Values (PVs) of Costs and Benefits Per Test						
Utility (PAC/UCT) Test	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$1,816,109	\$1,458,593	\$2,566,479	\$2,649,753	\$2,416,489	\$8,669,915
Avoided Electric Production Address	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$810,632	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$180,088	\$180,088	\$180,088	\$180,088	\$180,088	\$180,088
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,806,829	\$1,638,682	\$2,746,567	\$2,829,842	\$2,596,578	\$8,850,003
Administration Costs	\$38,610	\$38,610	\$38,610	\$38,610	\$38,610	\$38,610
Implementation / Participation Costs	\$88,219	\$88,219	\$88,219	\$88,219	\$88,219	\$88,219
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$379,744	\$379,744	\$379,744	\$379,744	\$379,744	\$379,744
Reduced Arrears	\$506,573	\$506,573	\$506,573	\$506,573	\$506,573	\$506,573
Test Results	5.54	3.23	5.42	5.59	5.13	17.47

Participants	kWh	Summer kW	Winter kW	Generator
5,286	6,379,432	1,205.14	0	Meter
	5,781,090	1,092.11	0	

Loss Factor: 10.35%

Administration Costs	Implementation Costs	Other/Misc. Costs	Incentives	Total Costs
\$38,609.90	\$88,219.02	\$0.00	\$379,744.45	\$506,573.37

TRC Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$1,816,109	\$1,458,593	\$2,566,479	\$2,649,753	\$2,416,489	\$8,669,915
Avoided Electric Production Address	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$810,632	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$180,088	\$180,088	\$180,088	\$180,088	\$180,088	\$180,088
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,806,829	\$1,638,682	\$2,746,567	\$2,829,842	\$2,596,578	\$8,850,003
Administration Costs	\$38,610	\$38,610	\$38,610	\$38,610	\$38,610	\$38,610
Implementation / Participation Costs	\$88,219	\$88,219	\$88,219	\$88,219	\$88,219	\$88,219
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$379,744	\$379,744	\$379,744	\$379,744	\$379,744	\$379,744
Reduced Arrears	\$506,573	\$506,573	\$506,573	\$506,573	\$506,573	\$506,573
Participant or Unit Costs (Net)	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249
Participant or Unit Tax Credits (Net)	\$0	\$0	\$0	\$0	\$0	\$0
Environmental Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Other Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0
Test Results	1.70	0.99	1.67	1.72	1.58	5.37

RIM Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$1,816,109	\$1,458,593	\$2,566,479	\$2,649,753	\$2,416,489	\$8,669,915
Avoided Electric Production Address	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$810,632	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$180,088	\$180,088	\$180,088	\$180,088	\$180,088	\$180,088
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,806,829	\$1,638,682	\$2,746,567	\$2,829,842	\$2,596,578	\$8,850,003
Administration Costs	\$38,610	\$38,610	\$38,610	\$38,610	\$38,610	\$38,610
Implementation / Participation Costs	\$88,219	\$88,219	\$88,219	\$88,219	\$88,219	\$88,219
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Incentives	\$379,744	\$379,744	\$379,744	\$379,744	\$379,744	\$379,744
Reduced Arrears	\$506,573	\$506,573	\$506,573	\$506,573	\$506,573	\$506,573
Electric Lost Revenue	\$5,607,328	\$5,515,938	\$5,607,328	\$5,607,328	\$5,607,328	\$5,684,088
Gas Lost Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,607,328	\$5,515,938	\$5,607,328	\$5,607,328	\$5,607,328	\$5,684,088
Electric Lost Revenue (Net Fuel)	\$5,607,328	\$5,515,938	\$5,607,328	\$5,607,328	\$5,607,328	\$5,684,088
Gas Lost Revenue (Net Fuel)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,607,328	\$5,515,938	\$5,607,328	\$5,607,328	\$5,607,328	\$5,684,088
Test Results	0.46	0.27	0.45	0.46	0.42	1.43

Societal Test						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
Avoided Electric Production	\$2,323,772	\$1,866,186	\$3,284,110	\$3,390,717	\$3,092,239	\$11,102,811
Avoided Electric Production Address	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Electric Capacity	\$1,001,066	\$0	\$0	\$0	\$0	\$0
Avoided Electric TRD	\$227,134	\$227,134	\$227,134	\$227,134	\$227,134	\$227,134
Avoided Electric Ancillary	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Production	\$0	\$0	\$0	\$0	\$0	\$0
Avoided Gas Capacity	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$3,551,972	\$2,093,320	\$3,511,245	\$3,617,851	\$3,319,373	\$11,329,945
Administration Costs	\$38,610	\$38,610	\$38,610	\$38,610	\$38,610	\$38,610
Implementation / Participation Costs	\$88,219	\$88,219	\$88,219	\$88,219	\$88,219	\$88,219
Other / Miscellaneous Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$126,829	\$126,829	\$126,829	\$126,829	\$126,829	\$126,829
Reduced Arrears	\$0	\$0	\$0	\$0	\$0	\$0
Participant or Unit Costs (Net)	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249
Environmental Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Test Results	2.16	1.27	2.13	2.20	2.01	6.87
Incentives	\$379,744	\$379,744	\$379,744	\$379,744	\$379,744	\$379,744
Participant or Unit Costs (Gross)	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249	\$1,521,249
Participant or Unit Tax Credits (Gross)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Electric Bill Savings (Gross)	\$5,969,887	\$5,863,292	\$5,969,887	\$5,969,887	\$5,969,887	\$6,059,046
Gas Bill Savings (Gross)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$5,969,887	\$5,863,292	\$5,969,887	\$5,969,887	\$5,969,887	\$6,059,046
Test Results	4.17	4.10	4.17	4.17	4.17	4.23

Present Values (PVs) of Impacts						
	Cost Based	Market-Based				
		Minimum	Today	Alternate	Option	Maximum
kW (Discounted)	20,964	20,964	20,964	20,964	20,964	20,964
kWh (Discounted)	97,940,984	96,271,781	97,940,984	97,940,984	97,940,984	99,398,711
CCF (Discounted)	-	-	-	-	-	-
kW (Undiscounted)	20,964	20,964	20,964	20,964	20,964	20,964
kWh (Undiscounted)	97,940,984	96,271,781	97,940,984	97,940,984	97,940,984	99,398,711
CCF (Undiscounted)	-	-	-	-	-	-

2025 South Dakota Status Report - All Results

Lost Revenue Dollars									
Lost Revenue per Participant			Cumulative Lost Revenue			Cumulative Lost Revenue (Net Fuel)			
Year	Electric	Gas	Total	Net Free/Drop-Out		Net Free/Drop-Out		Net Fuel	
				Electric	Gas	Electric	Gas	Electric	Gas
1	\$101.22	\$0.00	\$101.22	\$506,099.82	\$0.00	\$506,099.82	\$506,099.82	\$0.00	\$506,099.82
2	\$118.53	\$0.00	\$118.53	\$512,976.21	\$0.00	\$512,976.21	\$512,976.21	\$0.00	\$512,976.21
3	\$120.90	\$0.00	\$120.90	\$523,235.73	\$0.00	\$523,235.73	\$523,235.73	\$0.00	\$523,235.73
4	\$124.33	\$0.00	\$124.33	\$533,517.85	\$0.00	\$533,517.85	\$533,517.85	\$0.00	\$533,517.85
5	\$126.82	\$0.00	\$126.82	\$544,188.21	\$0.00	\$544,188.21	\$544,188.21	\$0.00	\$544,188.21
6	\$129.35	\$0.00	\$129.35	\$554,913.36	\$0.00	\$554,913.36	\$554,913.36	\$0.00	\$554,913.36
7	\$131.94	\$0.00	\$131.94	\$566,011.62	\$0.00	\$566,011.62	\$566,011.62	\$0.00	\$566,011.62
8	\$134.58	\$0.00	\$134.58	\$577,331.86	\$0.00	\$577,331.86	\$577,331.86	\$0.00	\$577,331.86
9	\$137.27	\$0.00	\$137.27	\$588,878.49	\$0.00	\$588,878.49	\$588,878.49	\$0.00	\$588,878.49
10	\$140.01	\$0.00	\$140.01	\$600,656.06	\$0.00	\$600,656.06	\$600,656.06	\$0.00	\$600,656.06
11	\$143.12	\$0.00	\$143.12	\$610,816.05	\$0.00	\$610,816.05	\$610,816.05	\$0.00	\$610,816.05
12	\$146.96	\$0.00	\$146.96	\$622,820.10	\$0.00	\$622,820.10	\$622,820.10	\$0.00	\$622,820.10
13	\$149.40	\$0.00	\$149.40	\$631,661.53	\$0.00	\$631,661.53	\$631,661.53	\$0.00	\$631,661.53
14	\$154.50	\$0.00	\$154.50	\$643,947.05	\$0.00	\$643,947.05	\$643,947.05	\$0.00	\$643,947.05
15	\$157.29	\$0.00	\$157.29	\$654,941.39	\$0.00	\$654,941.39	\$654,941.39	\$0.00	\$654,941.39
16	\$191.77	\$0.00	\$191.77	\$116,022.03	\$0.00	\$116,022.03	\$116,022.03	\$0.00	\$116,022.03
17	\$195.61	\$0.00	\$195.61	\$118,342.47	\$0.00	\$118,342.47	\$118,342.47	\$0.00	\$118,342.47
18	\$199.52	\$0.00	\$199.52	\$120,709.32	\$0.00	\$120,709.32	\$120,709.32	\$0.00	\$120,709.32
19	\$45.33	\$0.00	\$45.33	\$23,934.74	\$0.00	\$23,934.74	\$23,934.74	\$0.00	\$23,934.74
20	\$46.24	\$0.00	\$46.24	\$24,413.44	\$0.00	\$24,413.44	\$24,413.44	\$0.00	\$24,413.44
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$2,694.67	\$0.00	\$2,694.67	\$9,075,417.33	\$0.00	\$9,075,417.33	\$9,075,417.33	\$0.00	\$9,075,417.33

Utility Program Costs											
Year	Overall Costs			Total Costs per kW, kWh, and CCF Saved (Losses Included)							
	Administration	Implementation	Incentives	Other	Total	\$/kW	\$/kW (net)	\$/kWh	\$/kWh (net)	\$/CCF	\$/CCF (net)
1	\$38,609.90	\$88,219.02	\$379,744.45	\$0.00	\$506,573.37	\$278.87	\$278.87	\$436.59	\$436.59	\$0.00	\$0.00
2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$38,609.90	\$88,219.02	\$379,744.45	\$0.00	\$506,573.37	\$278.87	\$278.87	\$436.59	\$436.59	\$0.00	\$0.00

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Today Scenario					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$230,122.64	\$0.00	\$24,353.17	\$0.00	\$254,475.81
2	\$228,951.58	\$0.00	\$14,942.56	\$0.00	\$243,894.14
3	\$236,740.99	\$0.00	\$15,390.84	\$0.00	\$252,131.82
4	\$246,245.93	\$0.00	\$15,844.23	\$0.00	\$262,090.16
5	\$250,052.20	\$0.00	\$16,319.55	\$0.00	\$266,371.76
6	\$247,122.34	\$0.00	\$16,807.89	\$0.00	\$263,930.23
7	\$246,007.48	\$0.00	\$17,312.12	\$0.00	\$263,319.60
8	\$248,958.84	\$0.00	\$17,831.49	\$0.00	\$266,790.32
9	\$251,836.53	\$0.00	\$18,366.43	\$0.00	\$270,202.96
10	\$257,142.52	\$0.00	\$18,917.42	\$0.00	\$276,059.94
11	\$270,929.07	\$0.00	\$19,362.74	\$0.00	\$290,291.81
12	\$303,431.38	\$0.00	\$19,936.43	\$0.00	\$323,367.81
13	\$309,654.74	\$0.00	\$20,529.96	\$0.00	\$330,184.70
14	\$328,966.06	\$0.00	\$21,134.41	\$0.00	\$350,100.47
15	\$349,643.98	\$0.00	\$21,736.54	\$0.00	\$371,380.51
16	\$53,657.12	\$0.00	\$2,334.02	\$0.00	\$55,991.14
17	\$55,639.94	\$0.00	\$2,404.04	\$0.00	\$58,043.98
18	\$60,609.74	\$0.00	\$2,476.17	\$0.00	\$63,085.90
19	\$12,366.86	\$0.00	\$323.66	\$0.00	\$12,690.52
20	\$13,033.19	\$0.00	\$333.37	\$0.00	\$13,366.55
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$4,201,113.10	\$0.00	\$286,657.03	\$0.00	\$4,487,770.13

Market-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included) for Option Value					
Cumulative Electric					
Year	Energy	Adders/Capacity	T&D	Ancillary	Total
1	\$216,661.14	\$0.00	\$24,353.17	\$0.00	\$241,014.31
2	\$215,561.88	\$0.00	\$14,942.56	\$0.00	\$230,504.44
3	\$222,895.74	\$0.00	\$15,390.84	\$0.00	\$238,286.57
4	\$231,844.74	\$0.00	\$15,844.23	\$0.00	\$247,688.97
5	\$235,428.41	\$0.00	\$16,319.55	\$0.00	\$251,747.97
6	\$232,669.84	\$0.00	\$16,807.89	\$0.00	\$249,477.73
7	\$231,620.18	\$0.00	\$17,312.12	\$0.00	\$248,932.31
8	\$234,398.94	\$0.00	\$17,831.49	\$0.00	\$252,230.42
9	\$237,108.33	\$0.00	\$18,366.43	\$0.00	\$255,474.76
10	\$242,104.01	\$0.00	\$18,917.42	\$0.00	\$261,021.43
11	\$255,083.11	\$0.00	\$19,362.74	\$0.00	\$274,445.85
12	\$285,684.37	\$0.00	\$19,936.43	\$0.00	\$305,620.80
13	\$291,543.68	\$0.00	\$20,529.96	\$0.00	\$312,073.64
14	\$309,725.38	\$0.00	\$21,134.41	\$0.00	\$330,859.79
15	\$329,194.31	\$0.00	\$21,736.54	\$0.00	\$350,930.85
16	\$50,613.31	\$0.00	\$2,334.02	\$0.00	\$52,947.33
17	\$52,483.65	\$0.00	\$2,404.04	\$0.00	\$54,887.70
18	\$57,171.53	\$0.00	\$2,476.17	\$0.00	\$59,647.69
19	\$11,665.32	\$0.00	\$323.66	\$0.00	\$11,988.98
20	\$12,293.85	\$0.00	\$333.37	\$0.00	\$12,627.22
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$3,955,751.73	\$0.00	\$286,657.03	\$0.00	\$4,242,408.76

Cost-Based Avoided Costs (Net Free Riders/Drop-Out, Losses Included)					
Cumulative Electric					
Year	Energy	Capacity	T&D	Ancillary	Total
1	\$162,863.57	\$126,795.23	\$24,353.17	\$0.00	\$314,011.98
2	\$162,038.39	\$77,798.71	\$14,942.56	\$0.00	\$254,779.65
3	\$167,551.27	\$77,798.71	\$15,390.84	\$0.00	\$260,740.81
4	\$174,278.49	\$77,757.81	\$15,844.23	\$0.00	\$267,880.52
5	\$176,972.34	\$77,757.81	\$16,319.55	\$0.00	\$271,049.70
6	\$174,898.92	\$77,752.01	\$16,807.89	\$0.00	\$269,458.81
7	\$174,109.88	\$77,752.01	\$17,312.12	\$0.00	\$269,174.01
8	\$176,198.68	\$77,752.01	\$17,831.49	\$0.00	\$271,782.18
9	\$178,235.35	\$77,752.01	\$18,366.43	\$0.00	\$274,353.79
10	\$181,990.62	\$77,752.01	\$18,917.42	\$0.00	\$278,660.05
11	\$191,751.07	\$77,264.34	\$19,362.74	\$0.00	\$288,378.15
12	\$214,754.93	\$77,236.49	\$19,936.43	\$0.00	\$311,927.85
13	\$219,159.73	\$77,219.32	\$20,529.96	\$0.00	\$316,909.01
14	\$232,827.82	\$77,177.53	\$21,134.41	\$0.00	\$331,139.76
15	\$247,461.57	\$77,064.40	\$21,736.54	\$0.00	\$346,262.51
16	\$37,723.12	\$8,033.99	\$2,334.02	\$0.00	\$48,091.14
17	\$39,117.13	\$8,033.99	\$2,404.04	\$0.00	\$49,555.16
18	\$42,611.10	\$8,033.99	\$2,476.17	\$0.00	\$53,121.25
19	\$8,694.40	\$1,019.53	\$323.66	\$0.00	\$10,037.59
20	\$9,162.86	\$1,019.53	\$333.37	\$0.00	\$10,515.75
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$2,972,401.23	\$1,238,771.43	\$286,657.03	\$0.00	\$4,497,829.70

Discount	7.09%				
	Energy	Capacity	T&D	Ancillary	Total
1	\$162,863.57	\$126,795.23	\$24,353.17	\$0.00	\$314,011.98
2	\$151,310.48	\$72,647.97	\$13,953.27	\$0.00	\$237,911.71
3	\$146,099.89	\$67,838.24	\$13,420.37	\$0.00	\$227,358.49
4	\$141,904.78	\$63,313.64	\$12,901.03	\$0.00	\$218,119.44
5	\$134,558.06	\$59,121.89	\$12,408.31	\$0.00	\$206,088.27
6	\$124,177.39	\$55,203.55	\$11,933.52	\$0.00	\$191,314.46
7	\$115,432.98	\$51,548.75	\$11,477.75	\$0.00	\$178,459.48
8	\$109,083.79	\$48,135.91	\$11,039.39	\$0.00	\$168,259.09
9	\$103,039.20	\$44,949.02	\$10,617.77	\$0.00	\$158,606.00
10	\$98,244.61	\$41,973.13	\$10,212.26	\$0.00	\$150,430.00
11	\$96,660.40	\$38,948.43	\$9,760.62	\$0.00	\$145,369.45
12	\$101,089.27	\$36,356.70	\$9,384.46	\$0.00	\$146,830.42
13	\$96,332.70	\$33,942.12	\$9,024.04	\$0.00	\$139,298.86
14	\$95,565.01	\$31,677.79	\$8,674.70	\$0.00	\$135,917.50
15	\$94,846.85	\$29,537.18	\$8,331.16	\$0.00	\$132,715.19
16	\$13,501.25	\$2,875.40	\$835.36	\$0.00	\$17,212.00
17	\$13,073.27	\$2,685.03	\$803.45	\$0.00	\$16,561.75
18	\$13,298.15	\$2,507.26	\$772.77	\$0.00	\$16,578.17
19	\$2,533.72	\$297.11	\$94.32	\$0.00	\$2,925.16
20	\$2,493.45	\$277.44	\$90.72	\$0.00	\$2,861.61
21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$1,816,108.83	\$810,631.78	\$180,088.43	\$0.00	\$2,806,829.04
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00