Advanced Metering Infrastructure

Line No.	*Year>>*	2023 Actual January	2023 Actual February	2023 Actual March	2023 Actual April	2023 Actual May	2023 Actual June	2023 Actual July	2023 Actual August	2023 Actual September	2023 Actual October	2023 Actual November	2023 Actual December	2023 Actual Total
	RATE BASE													
1	Plant Balance	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Accumulated Depreciation	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Net Plant in Service	-	-	-	-	-	-	-	-	-	-	-	-	-
4	CWIP	5,932,749	6,405,749	6,797,753	7,321,906	8,373,600	13,223,475	14,552,106	17,214,464	17,727,113	18,355,290	18,921,307	19,940,738	19,940,738
5	ADIT - NOL DTA													
6	Reversal of ADIT - NOL DTA													
7	ADIT Proration Factors	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
8	ADIT - Federal & State Depreciation	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Accumulated Deferred Income Taxes Federal & State - No Pror	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Ending rate base	5,932,749	6,405,749	6,797,753	7,321,906	8,373,600	13,223,475	14,552,106	17,214,464	17,727,113	18,355,290	18,921,307	19,940,738	19,940,738
11														
12	Average rate base	1,028,249	1,028,249	1,028,249	1,028,249	1,028,249	1,028,249	1,028,249	1,028,249	1,028,249	1,028,249	1,028,249	1,028,249	12,338,990
13														
14	Return on Rate Base	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	791,987
15														
16	Available for return (equity portion of rate base)	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	542,883
17														
18	***EXPENSES***													
19	*O&M and Depreciation*													
20	Operating Costs	-	-	-	-	-	-	-	-	-	-	-	33,529	33,529
21	Property Tax	2,840	2,943	3,137	3,273	3,417	6,635	7,228	9,150	9,385	9,736	9,968	10,243	77,954
22	Book Depreciation	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total O&M and Depreciation Expense	2,840	2,943	3,137	3,273	3,417	6,635	7,228	9,150	9,385	9,736	9,968	43,772	111,483
24														
25	Income before Taxes													
26	Available for return (from above)	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	45,240	542,883
27	Taxable Income (grossed up)	57,266	57,266	57,266	57,266	57,266	57,266	57,266	57,266	57,266	57,266	57,266	57,266	687,194
28														
29	Income Taxes													
30	Current Income Tax	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	144,311
31	Deferred Income Tax	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Total Income Tax Expense	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	12,026	144,311
33														
34														
35	***REVENUE REQUIRMENTS***													
36	Expenses	14,866	14,969	15,162	15,299	15,443	18,661	19,254	21,176	21,410	21,762	21,994	55,798	255,794
37	Return on rate base	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	65,999	791,987
38	Subtotal revenue requirements	80,865	80,968	81,161	81,298	81,442	84,660	85,253	87,175	87,409	87,761	87,993	121,797	1,047,781
39	Adjustments													
40	Total revenue requirements	80,865	80,968	81,161	81,298	81,442	84,660	85,253	87,175	87,409	87,761	87,993	121,797	1,047,781
41														
42	South Dakota share - Meters (C6)	3,749	3,604	3,628	3,520	3,220	4,115	4,102	4,489	4,483	4,510	4,491	6,060	49,970
43	South Dakota share - FAN (P60)	257	254	345	320	877	1,090	1,379	1,289	1,265	1,234	1,209	1,605	11,126
44	South Dakota share - Software (P90)	3,434	3,593	3,499	3,644	3,419	2,606	2,393	2,268	2,320	2,355	2,420	3,573	35,524
45	Total South Dakota Share	7,441	7,451	7,472	7,484	7,515	7,812	7,874	8,047	8,068	8,099	8,120	11,238	96,620
46	***SUPPORTING INFORMATION / DATA***													
47														
48		SD Cap Structure with allowed ROE per order.												
49	Capital Structure	**Ratio**	**Cost**	**WA Cost**							**Property tax**			
50	Debt	46.41%	4.35%	2.02%							2023 composite rate		1.14%	
51	Preferred equity	0.00%	0.00%	0.00%										
52	Common equity	53.59%	8.21%	4.40%										
53	Total	100.00%		6.42%	Overall Return									

Advanced Metering Infrastructure

Line No.	*Year>>*	2024 Actual January	2024 Actual February	2024 Actual March	2024 Projected April	2024 Projected May	2024 Projected June	2024 Projected July	2024 Projected August	2024 Projected September	2024 Projected October	2024 Projected November	2024 Projected December	2024 Projected Total
	RATE BASE													
1	Plant Balance	-	26,700,241	28,020,868	30,837,766	35,680,975	40,844,510	44,001,143	46,643,227	48,526,795	50,830,668	52,731,319	54,276,286	54,276,286
2	Accumulated Depreciation	-	-	(202,247)	(411,719)	(636,576)	(883,625)	(1,156,846)	(1,447,526)	(1,760,863)	(2,084,124)	(2,418,589)	(2,762,192)	(2,762,192)
3	Net Plant in Service	-	26,700,241	27,818,621	30,426,047	35,044,400	39,960,884	42,844,297	45,195,700	46,765,932	48,746,544	50,312,729	51,514,095	51,514,095
4	CWIP	23,803,466	0	-	-	-	-	-	-	-	-	-	-	-
5	ADIT - NOL DTA													
6	Reversal of ADIT - NOL DTA													
7	ADIT Proration Factors	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9206	0.8356	0.7534	0.6685	
8	ADIT - Federal & State Depreciation	-	(123,613)	(204,753)	(284,377)	(360,769)	(432,501)	(498,738)	(561,307)	(614,526)	(661,093)	(701,307)	(735,704)	(735,704)
9	Accumulated Deferred Income Taxes Federal & State - No Pror	-	(123,613)	(204,753)	(284,377)	(360,769)	(432,501)	(498,738)	(561,307)	(619,119)	(674,847)	(728,221)	(779,677)	(779,677)
10	Ending rate base	23,803,466	26,576,629	27,613,868	30,141,670	34,683,630	39,528,383	42,345,560	44,634,393	46,151,406	48,085,451	49,611,423	50,778,390	50,778,390
11														
12	Average rate base	3,101,891	3,101,891	3,101,891	3,101,891	3,101,891	3,101,891	3,101,891	3,101,891	3,101,891	3,101,891	3,101,891	3,101,891	37,222,693
13														
14	Return on Rate Base	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	2,496,883
15														
16	Available for return (equity portion of rate base)	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	1,745,419
17														
18	***EXPENSES***													
19	*O&M and Depreciation*													
20	Operating Costs	36,520	28,770	63,033	58,400	58,400	58,400	68,800	68,800	68,800	79,200	79,200	79,200	747,522
21	Property Tax	13,704	15,890	17,307	19,676	24,069	28,564	31,202	32,807	34,418	36,404	38,096	38,930	331,067
22	Book Depreciation	-	-	202,247	209,472	224,856	247,050	273,220	290,681	313,337	323,261	334,466	343,602	2,762,192
23	Total O&M and Depreciation Expense	50,224	44,660	282,587	287,548	307,326	334,014	373,222	392,288	416,555	438,864	451,761	461,732	3,840,781
24														
25	Income before Taxes													
26	Available for return (from above)	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	145,452	1,745,419
27	Taxable Income (grossed up)	184,116	184,116	184,116	184,116	184,116	184,116	184,116	184,116	184,116	184,116	184,116	184,116	2,209,391
28														
29	Income Taxes													
30	Current Income Tax	38,664	(84,948)	(42,476)	(40,959)	(37,728)	(33,068)	(27,572)	(23,905)	(19,147)	(17,063)	(14,710)	(12,792)	(315,705)
31	Deferred Income Tax	-	123,613	81,141	79,623	76,393	71,732	66,236	62,570	57,812	55,728	53,375	51,456	779,677
32	Total Income Tax Expense	38,664	38,664	38,664	38,664	38,664	38,664	38,664	38,664	38,664	38,664	38,664	38,664	463,972
33														
34														
35	***REVENUE REQUIRMENTS***													
36	Expenses	88,888	83,325	321,251	326,213	345,990	372,678	411,887	430,952	455,219	477,529	490,425	500,396	4,304,753
37	Return on rate base	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	208,074	2,496,883
38	Subtotal revenue requirements	296,962	291,398	529,325	534,286	554,063	580,752	619,960	639,026	663,293	685,602	698,499	708,470	6,801,636
39	Adjustments													
40	Total revenue requirements	296,962	291,398	529,325	534,286	554,063	580,752	619,960	639,026	663,293	685,602	698,499	708,470	6,801,636
41														
42	South Dakota share - Meters (C6)	16,561	16,840	31,913	33,424	36,768	40,054	43,476	44,553	46,778	48,957	50,458	50,934	460,717
43	South Dakota share - FAN (P60)	3,292	2,905	4,382	4,030	3,612	3,304	3,275	3,185	3,180	3,228	3,171	3,125	40,689
44	South Dakota share - Software (P90)	7,518	7,101	12,437	11,716	10,579	10,033	10,233	10,995	10,999	10,816	10,550	11,034	124,010
45	Total South Dakota Share	27,372	26,846	48,732	49,170	50,960	53,391	56,984	58,733	60,956	63,001	64,178	65,094	625,416
46	***SUPPORTING INFORMATION / DATA***													
47														
48		SD Cap Structure with allowed ROE per order.												
49	Capital Structure	**Ratio**	**Cost**	**WA Cost**							**Property tax**			
50	Debt	46.41%	4.35%	2.02%							2024 composite rate		1.14%	
51	Preferred equity	0.00%	0.00%	0.00%										
52	Common equity	53.59%	8.75%	4.69%										
53	Total	100.00%		6.71%	Overall Return									

Advanced Metering Infrastructure

Line No.	*Year>>*	2025 Projected January	2025 Projected February	2025 Projected March	2025 Projected April	2025 Projected May	2025 Projected June	2025 Projected July	2025 Projected August	2025 Projected September	2025 Projected October	2025 Projected November	2025 Projected December	2025 Projected Total
	RATE BASE													
1	Plant Balance	54,941,776	55,597,266	56,068,439	56,068,439	56,068,439	56,068,439	56,068,439	56,068,439	56,068,439	56,068,439	56,068,439	56,102,369	56,102,369
2	Accumulated Depreciation	(3,120,427)	(3,481,511)	(3,845,402)	(4,211,209)	(4,577,016)	(4,942,822)	(5,308,629)	(5,674,435)	(6,040,242)	(6,406,048)	(6,771,855)	(7,137,661)	(7,137,661)
3	Net Plant in Service	51,821,349	52,115,755	52,223,036	51,857,230	51,491,423	51,125,617	50,759,810	50,394,004	50,028,197	49,662,390	49,296,584	48,964,707	48,964,707
4	CWIP	-	-	-	-	-	-	-	-	-	-	-	-	-
5	ADIT - NOL DTA													
6	Reversal of ADIT - NOL DTA													
7	ADIT Proration Factors	0.5836	0.5069	0.4219	0.3397	0.2548	0.1726	0.0877	0.0027	1.0000	1.0000	1.0000	1.0000	
8	ADIT - Federal & State Depreciation	(786,967)	(831,188)	(867,751)	(897,054)	(919,031)	(933,919)	(941,481)	(941,717)	(1,027,972)	(1,114,227)	(1,200,483)	(1,286,738)	(1,286,738)
9	Accumulated Deferred Income Taxes Federal & State - No Pror	(867,522)	(954,769)	(1,041,427)	(1,127,682)	(1,213,937)	(1,300,192)	(1,386,447)	(1,472,702)	(1,558,957)	(1,645,213)	(1,731,468)	(1,817,723)	(1,817,723)
10	Ending rate base	51,034,381	51,284,566	51,355,285	50,960,175	50,572,392	50,191,698	49,818,329	49,452,286	49,000,225	48,548,163	48,096,101	47,677,970	47,677,970
11														
12	Average rate base	4,158,782	4,158,782	4,158,782	4,158,782	4,158,782	4,158,782	4,158,782	4,158,782	4,158,782	4,158,782	4,158,782	4,158,782	49,905,382
13														
14	Return on Rate Base	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	3,347,633
15														
16	Available for return (equity portion of rate base)	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	2,340,126
17														
18	***EXPENSES***													
19	*O&M and Depreciation*													
20	Operating Costs	293,924	293,924	293,924	293,924	293,924	293,924	293,924	293,924	293,924	293,924	293,924	293,924	3,527,088
21	Property Tax	39,549	40,158	40,604	40,604	40,604	40,604	40,604	40,604	40,604	40,604	40,604	40,604	485,745
22	Book Depreciation	358,236	361,084	363,891	365,807	365,807	365,807	365,807	365,807	365,807	365,807	365,807	365,807	4,375,470
23	Total O&M and Depreciation Expense	691,709	695,166	698,419	700,334	700,334	700,334	700,334	700,334	700,334	700,334	700,334	700,334	8,388,303
24														
25	Income before Taxes													
26	Available for return (from above)	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	195,010	2,340,126
27	Taxable Income (grossed up)	246,849	246,849	246,849	246,849	246,849	246,849	246,849	246,849	246,849	246,849	246,849	246,849	2,962,184
28														
29	Income Taxes													
30	Current Income Tax	(36,007)	(35,409)	(34,819)	(34,417)	(34,417)	(34,417)	(34,417)	(34,417)	(34,417)	(34,417)	(34,417)	(34,417)	(415,987)
31	Deferred Income Tax	87,845	87,247	86,657	86,255	86,255	86,255	86,255	86,255	86,255	86,255	86,255	86,255	1,038,045
32	Total Income Tax Expense	51,838	51,838	51,838	51,838	51,838	51,838	51,838	51,838	51,838	51,838	51,838	51,838	622,059
33														
34														
35	***REVENUE REQUIRMENTS***													
36	Expenses	743,547	747,004	750,257	752,173	752,173	752,173	752,173	752,173	752,173	752,173	752,173	752,173	9,010,362
37	Return on rate base	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	278,969	3,347,633
38	Subtotal revenue requirements	1,022,516	1,025,974	1,029,227	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	12,357,995
39	Adjustments													
40	Total revenue requirements	1,022,516	1,025,974	1,029,227	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	1,031,142	12,357,995
41														
42	South Dakota share - Meters (C6)	74,058	74,847	75,574	76,034	76,359	76,690	77,027	77,370	77,720	78,076	78,439	78,752	920,945
43	South Dakota share - FAN (P60)	4,399	4,304	4,224	4,176	4,120	4,062	4,004	3,944	3,883	3,821	3,758	3,691	48,387
44	South Dakota share - Software (P90)	15,484	15,101	14,748	14,507	14,235	13,958	13,676	13,388	13,095	12,797	12,493	12,242	165,723
45	Total South Dakota Share	93,941	94,252	94,545	94,718	94,714	94,710	94,706	94,702	94,698	94,694	94,690	94,686	1,135,056
46	***SUPPORTING INFORMATION / DATA***													
47														
48		SD Cap Structure with allowed ROE per order.												
49	Capital Structure	**Ratio**	**Cost**	**WA Cost**							**Property tax**			
50	Debt	46.41%	4.35%	2.02%							2025 composite rate		1.14%	
51	Preferred equity	0.00%	0.00%	0.00%										
52	Common equity	53.59%	8.75%	4.69%										
53	Total	100.00%		6.71%	Overall Return									