

Otter Tail Power Company
South Dakota Phase-In Rider
Astoria Generation Revenue Requirements

Line No.	Year>>	2022 Actual Jan	2022 Actual Feb	2022 Actual Mar	2022 Actual Apr	2022 Actual May	2022 Actual Jun	2022 Actual Jul	2022 Actual Aug	2022 Actual Sep	2022 Actual Oct	2022 Actual Nov	2022 Actual Dec	2022 Actual Total
RATE BASE														
1	Plant Balance - Astoria Station	142,939,569	142,945,353	142,938,552	142,707,512	142,847,736	142,816,139	142,812,480	142,827,183	142,839,012	144,866,457	145,148,322	151,937,732	151,937,732
2	Accumulated Depreciation	(3,665,574)	(4,002,642)	(4,339,724)	(4,676,789)	(5,013,293)	(5,350,137)	(5,686,905)	(6,023,664)	(6,360,458)	(6,697,282)	(7,039,036)	(7,381,476)	(7,381,476)
3	Net Plant in Service	139,273,995	138,942,711	138,598,828	138,030,723	137,834,443	137,466,002	137,125,575	136,803,519	136,478,554	138,169,176	138,109,286	144,556,256	144,556,256
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Federal & State (No Prorated)	(1,156,577)	(1,329,781)	(1,502,982)	(1,676,186)	(1,849,509)	(2,022,760)	(2,196,027)	(2,369,296)	(2,542,557)	(2,715,813)	(2,888,033)	(3,060,108)	(3,060,108)
6	ADIT Proration Factor	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000	1,0000
7	Accumulated Deferred Income Taxes Federal & State	(1,156,577)	(1,329,781)	(1,502,982)	(1,676,186)	(1,849,509)	(2,022,760)	(2,196,027)	(2,369,296)	(2,542,557)	(2,715,813)	(2,888,033)	(3,060,108)	(3,060,108)
8														
9	L TSA Pre-Payments	80,684	31,196	7,799	36,914	70,191	74,423	109,185	140,381	124,229	(226,943)	22,951	76,503	547,513
10	Accumulated L TSA Pre-Payments	1,785,040	1,816,236	1,824,035	1,860,949	1,931,140	2,005,562	2,114,748	2,255,129	2,379,358	2,152,415	2,175,366	2,251,869	2,251,869
11	L TSA Utilized - Added to Plant Balance Above	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Accumulated L TSA Utilized	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Utilized Accumulated L TSA Pre-Payments	1,785,040	1,816,236	1,824,035	1,860,949	1,931,140	2,005,562	2,114,748	2,255,129	2,379,358	2,152,415	2,175,366	2,251,869	2,251,869
14	Ending Rate Base (Line 3+4+6+12)	139,902,458	139,429,166	138,919,881	138,215,485	137,916,074	137,448,804	137,044,295	136,689,353	136,315,354	137,605,778	137,396,619	143,748,017	143,748,017
15	Average Rate Base	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563	11,544,563
16														
17	Return on Rate Base	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290
18														
19	Available for Return (equity portion of rate base)	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461
20														
EXPENSES														
21	O&M and Depreciation													
22	Operating Costs	86,006	89,686	88,619	76,199	83,473	92,933	115,350	124,672	106,574	80,886	185,389	127,409	1,257,196
23	Net Facility Service Agreement-Payments/Revenues	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,428)	(25,428)	(25,428)	(25,428)	(25,428)	(25,428)	(25,428)	(304,570)
24	Property Tax	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	89,250
25	Book Depreciation	337,040	337,068	337,082	337,065	336,504	336,845	336,768	336,759	336,795	336,823	341,754	342,440	4,052,942
26	Total O&M and Depreciation Expense	405,169	408,877	407,825	395,388	402,100	411,787	434,127	443,439	425,378	399,718	509,152	451,858	5,094,818
27														
28	Income before Taxes													
29	Available for Return (from above)	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461	553,461
30	Taxable Income (grossed up)	700,583	700,583	700,583	700,583	700,583	700,583	700,583	700,583	700,583	700,583	700,583	700,583	700,583
31														
32	Income Taxes													
33	Current and Def Income Taxes	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	1,765,470
34	Total Income Tax Expense	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	147,122	1,765,470
35														
36														
37														
REVENUE REQUIREMENTS														
38	Expenses	552,291	556,000	554,947	542,510	549,222	558,909	581,250	590,562	572,500	546,841	656,275	598,981	6,860,288
39	Return on Rate Base	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	799,290	9,591,476
40	Subtotal Revenue Requirements	1,351,581	1,355,290	1,354,237	1,341,800	1,348,512	1,358,199	1,380,539	1,389,852	1,371,790	1,346,131	1,455,565	1,398,270	16,451,764
41	Adjustments													0
42	Total Revenue Requirements	1,351,581	1,355,290	1,354,237	1,341,800	1,348,512	1,358,199	1,380,539	1,389,852	1,371,790	1,346,131	1,455,565	1,398,270	16,451,764
43														
44	Peak Demand Factor	1,351,581	1,355,290	1,354,237	1,341,800	1,348,512	1,358,199	1,380,539	1,389,852	1,371,790	1,346,131	1,455,565	1,398,270	16,451,764
45														
46	South Dakota share - D1 factor	138,362	138,741	138,633	137,360	138,047	139,039	141,326	142,279	139,949	137,332	148,496	142,651	1,682,216
47	SD Revenue Requirements	138,362	138,741	138,633	137,360	138,047	139,039	141,326	142,279	139,949	137,332	148,496	142,651	1,682,216
48														
49	Total South Dakota Share	138,362	138,741	138,633	137,360	138,047	139,039	141,326	142,279	139,949	137,332	148,496	142,651	1,682,216
50														

Line No.	SUPPORTING INFORMATION / DATA
1	
2	SD Cap Structure with allowed ROE per order.
3	Capital Structure
4	Debt
5	Preferred equity
6	Common equity
7	Total
8	
9	Capital Structure Short & Long
10	Debt
11	Preferred equity
12	Common equity
13	Total
14	
15	
16	
17	
18	Project life (years)
19	Statutory Tax Rate
20	Tax conversion factor
21	Peak Demand Factor
22	SD Share - D1 Factor
23	
24	Deferred Tax
25	Book depreciation
26	Tax depreciation-Federal
27	Tax depreciation-State
28	Federal deferred income taxes
29	State deferred income taxes

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Astoria Generation Revenue Requirements

Line No.	Year>>	2023 Actual Jan	2023 Actual Feb	2023 Actual Mar	2023 Actual Apr	2023 Projected May	2023 Projected Jun	2023 Projected Jul	2023 Projected Aug	2023 Projected Sep	2023 Projected Oct	2023 Projected Nov	2023 Projected Dec	2023 Projected Total	
RATE BASE															
1	Plant Balance - Astoria Station	151,938,443	152,190,073	152,197,553	152,197,553	152,197,553	152,231,077	152,231,077	152,231,077	152,231,077	152,231,077	152,231,077	152,231,077	152,231,077	
2	Accumulated Depreciation	(7,752,856)	(8,124,238)	(8,496,254)	(8,868,288)	(9,240,322)	(9,612,357)	(9,984,475)	(10,356,594)	(10,728,713)	(11,100,832)	(11,472,950)	(11,845,069)	(11,845,069)	
3	Net Plant in Service	144,185,587	144,065,835	143,701,300	143,329,265	142,957,231	142,618,721	142,246,602	141,874,483	141,502,364	141,130,246	140,758,127	140,386,008	140,386,008	
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Accumulated Deferred Income Taxes Federal & State (No Pr	(3,209,856)	(3,359,603)	(3,509,216)	(3,658,826)	(3,808,436)	(3,958,046)	(4,107,638)	(4,257,230)	(4,406,822)	(4,556,414)	(4,706,006)	(4,855,599)	(4,855,599)	
6	ADIT Proration Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9205	0.8355	0.7534	0.6685	0.6685	
7	Accumulated Deferred Income Taxes Federal & State	(3,209,856)	(3,359,603)	(3,509,216)	(3,658,826)	(3,808,436)	(3,958,046)	(4,107,638)	(4,257,230)	(4,394,937)	(4,519,938)	(4,632,645)	(4,732,646)	(4,732,646)	
8	L TSA Pre-Payments	60,859	32,217	64,433	68,066	96,650	153,028	225,516	144,974	64,433	193,299	104,704	104,704	1,312,882	
9	Accumulated LTSA Pre-Payments	2,312,728	2,344,945	2,409,378	2,477,444	2,574,093	2,727,122	2,952,637	3,097,612	3,162,045	3,355,344	3,460,047	3,564,751	3,564,751	
10	LTSA Utilized - Added to Plant Balance Above	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	Accumulated LTSA Utilized	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	Unutilized Accumulated LTSA Pre-Payments	2,312,728	2,344,945	2,409,378	2,477,444	2,574,093	2,727,122	2,952,637	3,097,612	3,162,045	3,355,344	3,460,047	3,564,751	3,564,751	
13	Ending Rate Base (Line 3+4+6+12)	143,288,460	143,051,177	142,601,461	142,147,883	141,722,888	141,387,796	141,091,601	140,714,865	140,269,472	139,965,651	139,585,529	139,218,113	139,218,113	
14															
15	Average Rate Base	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	11,787,134	
16															
17	Return on Rate Base	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	
18															
19	Available for Return (equity portion of rate base)	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	
20															
21	EXPENSES														
22	O&M and Depreciation														
23	Operating Costs	93,862	111,392	106,276	131,431	89,219	54,650	103,772	94,900	50,688	50,232	51,304	89,901	1,027,626	
24	Net Facility Service Agreement-Payments/Revenues	(25,328)	(25,428)	(25,428)	(25,428)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(304,128)	
25	Property Tax	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	7,437	89,250	
26	Book Depreciation	371,380	371,382	372,016	372,034	372,034	372,034	372,119	372,119	372,119	372,119	372,119	372,119	4,463,593	
27	Total O&M and Depreciation Expense	447,351	464,783	460,301	445,475	443,376	408,808	458,014	449,141	404,929	404,474	405,546	444,142	5,276,341	
28															
29	Income before Taxes														
30	Available for Return (from above)	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	552,713	6,632,561	
31	Taxable Income (grossed up)	699,637	699,637	699,637	699,637	699,637	699,637	699,637	699,637	699,637	699,637	699,637	699,637	8,395,647	
32															
33	Income Taxes														
34	Current and Def Income Taxes	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	1,763,086	
35	Total Income Tax Expense	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	146,924	1,763,086	
36															
37															
38	REVENUE REQUIREMENTS														
39	Expenses	594,275	611,707	607,225	632,399	590,300	555,731	604,937	596,065	551,853	551,398	552,470	591,066	7,039,427	
40	Return on Rate Base	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	790,676	9,488,115	
41	Subtotal Revenue Requirements	1,384,951	1,402,383	1,397,901	1,423,075	1,380,976	1,346,408	1,395,614	1,386,742	1,342,530	1,342,074	1,343,146	1,381,743	16,527,541	
42	Adjustments													0	
43	Total Revenue Requirements	1,384,951	1,402,383	1,397,901	1,423,075	1,380,976	1,346,408	1,395,614	1,386,742	1,342,530	1,342,074	1,343,146	1,381,743	16,527,541	
44															
45	Peak Demand Factor	1,384,951	1,402,383	1,397,901	1,423,075	1,380,976	1,346,408	1,395,614	1,386,742	1,342,530	1,342,074	1,343,146	1,381,743	16,527,541	
46															
47	South Dakota share - D1 factor	141,292	143,071	142,613	145,182	140,887	137,360	142,380	141,475	136,964	136,918	137,027	140,965	1,686,134	
48	SD Revenue Requirements	141,292	143,071	142,613	145,182	140,887	137,360	142,380	141,475	136,964	136,918	137,027	140,965	1,686,134	
49															
50	Total South Dakota Share	141,292	143,071	142,613	145,182	140,887	137,360	142,380	141,475	136,964	136,918	137,027	140,965	1,686,134	

Line No.	SUPPORTING INFORMATION / DATA
1	
2	
3	SD Cap Structure with allowed ROE per order.
4	Capital Structure
5	Debt
6	Preferred equity
7	Common equity
8	Total
9	
10	
11	
12	
13	
14	
15	
16	
17	Project life (years)
18	
19	Statutory Tax Rate
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