

Astoria Station

Line No.		2024											
		Actual January	Actual February	Actual March	Actual April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December
1	RATE BASE												
2	Plant Balance	152,170,544	152,170,544	152,196,300	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347
3	Accumulated Depreciation	(12,324,992)	(12,698,655)	(13,072,319)	(13,446,047)	(13,819,713)	(14,193,378)	(14,567,043)	(14,940,709)	(15,314,374)	(15,688,040)	(16,061,705)	(16,435,371)
4	Net Plant in Service	139,845,552	139,471,889	139,123,981	138,725,300	138,351,635	137,977,969	137,604,304	137,230,638	136,856,973	136,483,308	136,109,642	135,735,977
5													
6	CWIP	-	-	-	-	-	-	-	-	-	-	-	-
7		200,456	131,580	20,894	57,928	157,619	174,211	223,985	315,239	174,211	66,366	49,775	174,211
8	ADIT Proration Factor	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	0.920548	0.835616	0.753425	0.668493
9	Accumulated Deferred Income Taxes - Federal	(4,959,409)	(5,086,176)	(5,212,943)	(5,339,697)	(5,466,463)	(5,593,230)	(5,719,997)	(5,846,764)	(5,963,458)	(6,069,387)	(6,164,896)	(6,249,639)
10	Accumulated Deferred Income Taxes - Federal & State	(4,959,409)	(5,086,176)	(5,212,943)	(5,339,697)	(5,466,463)	(5,593,230)	(5,719,997)	(5,846,764)	(5,963,458)	(6,069,387)	(6,164,896)	(6,249,639)
11	LTSA Pre-Payments	3,928,425	4,060,005	4,080,899	4,138,827	4,296,446	4,470,657	4,694,643	5,009,882	5,184,092	5,250,458	5,300,233	5,474,444
12	Ending Rate Base	138,814,569	138,445,718	137,991,937	137,524,430	137,181,618	136,855,396	136,578,950	136,393,756	136,077,607	135,664,379	135,244,979	134,960,782
13													
14	Average Rate Base	11,415,692	11,415,692	11,415,692	11,415,692	11,415,692	11,415,692	11,415,692	11,415,692	11,415,692	11,415,692	11,415,692	11,415,692
15													
16	Return on Rate Base	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760
17													
18	Available for Return (equity portion of rate base)	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296
19													
20	EXPENSES												
21	O&M and Depreciation												
22	Operating Costs	124,715	101,856	96,194	120,113	75,004	102,315	110,954	97,342	94,404	64,954	61,214	74,154
23	Net Facility Service Agreement Payments/(Revenues)	(25,298)	(25,298)	(25,298)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)
24	Property Tax	45,548	45,548	45,548	45,548	45,548	45,548	45,548	45,548	45,548	45,548	45,548	45,548
25	Book Depreciation	373,662	373,663	373,663	373,728	373,665	373,665	373,665	373,665	373,665	373,665	373,665	373,665
26	Total O&M and Depreciation Expense	518,627	495,769	490,108	514,075	468,903	496,214	504,853	491,241	488,303	458,853	455,113	468,053
27													
28	Income before Taxes												
29	Available for Return (from above)	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296	535,296
30	Taxable Income (grossed up)	677,590	677,590	677,590	677,590	677,590	677,590	677,590	677,590	677,590	677,590	677,590	677,590
31													
32	Income Taxes												
33	Current and Def Income Taxes	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294
34	Total Income Tax Expense	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294	142,294
35													
36													
37	REVENUE REQUIREMENTS												
38	Expenses	660,920	638,063	632,402	656,369	611,197	638,508	647,147	633,535	630,597	601,147	597,407	610,347
39	Return on Rate Base (from above)	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760	765,760
40	Subtotal Revenue Requirements	1,426,681	1,403,823	1,398,162	1,422,129	1,376,957	1,404,268	1,412,907	1,399,295	1,396,357	1,366,907	1,363,167	1,376,107
41	Adjustments												
42	Total Revenue Requirements	1,426,681	1,403,823	1,398,162	1,422,129	1,376,957	1,404,268	1,412,907	1,399,295	1,396,357	1,366,907	1,363,167	1,376,107
43													
44	Peak Demand Factor	1,426,681	1,403,823	1,398,162	1,422,129	1,376,957	1,404,268	1,412,907	1,399,295	1,396,357	1,366,907	1,363,167	1,376,107
45													
46	South Dakota share - D1 factor	140,910	138,652	138,093	140,461	135,999	138,696	139,550	138,205	137,915	135,006	134,637	135,915
47													
48	SUPPORTING INFORMATION / DATA												
49	SD Cap Structure with allowed ROE per order.	While not in-service, use WACC inclusive of short-term debt. Once in-service, use WACC excluding short-term debt.											
50	Capital Structure	Ratio	Cost	WA Cost					Federal		State		
51	Debt	46.41%	4.35%	2.02%				Statutory Tax Rate	21.00%	21.00%	0.00%		
52	Preferred equity	0.00%	0.00%	0.00%				Tax conversion factor	1.265823				
53	Common equity	53.59%	8.75%	4.69%				Property Tax Rate	0.81%				
54	Total	100.00%		6.71%	Overall Return								

Astoria Station

Line No.		2025												Projected Year-End
		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	
1	RATE BASE													
2	Plant Balance	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	152,171,347	
3	Accumulated Depreciation	(16,809,036)	(17,182,701)	(17,556,367)	(17,930,032)	(18,303,698)	(18,677,363)	(19,051,028)	(19,424,694)	(19,798,359)	(20,172,025)	(20,545,690)	(20,919,355)	
4	Net Plant in Service	135,362,311	134,988,646	134,614,981	134,241,315	133,867,650	133,493,984	133,120,319	132,746,654	132,372,988	131,999,323	131,625,657	131,251,992	
5														
6	CWIP	-	-	-	-	-	-	-	-	-	-	-	-	
7		200,456	131,580	20,894	57,928	157,619	174,211	223,985	315,239	174,211	66,366	49,775	174,211	
8	ADIT Proration Factor	0.583562	0.506849	0.421918	0.339726	0.254795	0.172603	0.087671	0.002740	0.920548	0.835616	0.753425	0.668493	
9	Accumulated Deferred Income Taxes - Federal	(6,311,637)	(6,365,486)	(6,410,311)	(6,446,404)	(6,473,474)	(6,491,811)	(6,501,126)	(6,501,417)	(6,599,217)	(6,687,994)	(6,768,039)	(6,839,061)	
10	Accumulated Deferred Income Taxes - Federal & State	(6,311,637)	(6,365,486)	(6,410,311)	(6,446,404)	(6,473,474)	(6,491,811)	(6,501,126)	(6,501,417)	(6,599,217)	(6,687,994)	(6,768,039)	(6,839,061)	
11	LTSA Pre-Payments	5,674,900	5,806,480	5,827,373	5,885,301	6,042,921	6,217,132	6,441,117	6,756,356	6,930,567	6,996,933	7,046,707	7,220,918	
12	Ending Rate Base	134,725,574	134,429,640	134,032,043	133,680,213	133,437,097	133,219,305	133,060,310	133,001,593	132,704,338	132,308,261	131,904,325	131,633,849	
13														
14	Average Rate Base	11,109,598	11,109,598	11,109,598	11,109,598	11,109,598	11,109,598	11,109,598	11,109,598	11,109,598	11,109,598	11,109,598	11,109,598	
15														
16	Return on Rate Base	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	
17														
18	Available for Return (equity portion of rate base)	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	
19														
20	EXPENSES													
21	O&M and Depreciation													
22	Operating Costs	77,549	66,380	63,983	72,326	81,047	108,904	117,716	103,832	100,835	70,796	66,981	80,180	
23	Net Facility Service Agreement Payments/(Revenues)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(25,314)	(303,772)	
24	Property Tax	64,604	64,604	64,604	64,604	64,604	64,604	64,604	64,604	64,604	64,604	64,604	64,604	
25	Book Depreciation	373,665	373,665	373,665	373,665	373,665	373,665	373,665	373,665	373,665	373,665	373,665	373,665	
26	Total O&M and Depreciation Expense	490,504	479,335	476,938	485,281	494,002	521,859	530,671	516,787	513,790	483,751	479,936	493,135	
27														
28	Income before Taxes													
29	Available for Return (from above)	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	520,943	
30	Taxable Income (grossed up)	659,421	659,421	659,421	659,421	659,421	659,421	659,421	659,421	659,421	659,421	659,421	659,421	
31														
32	Income Taxes													
33	Current and Def Income Taxes	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	
34	Total Income Tax Expense	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	138,479	
35														
36														
37	REVENUE REQUIREMENTS													
38	Expenses	628,983	617,814	615,417	623,760	632,481	660,338	669,150	655,266	652,269	622,230	618,415	631,614	
39	Return on Rate Base (from above)	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	745,227	
40	Subtotal Revenue Requirements	1,374,210	1,363,041	1,360,644	1,368,987	1,377,708	1,405,565	1,414,377	1,400,493	1,397,496	1,367,457	1,363,642	1,376,841	
41	Adjustments													
42	Total Revenue Requirements	1,374,210	1,363,041	1,360,644	1,368,987	1,377,708	1,405,565	1,414,377	1,400,493	1,397,496	1,367,457	1,363,642	1,376,841	
43														
44	Peak Demand Factor	1,374,210	1,363,041	1,360,644	1,368,987	1,377,708	1,405,565	1,414,377	1,400,493	1,397,496	1,367,457	1,363,642	1,376,841	
45														
46	South Dakota share - D1 factor	135,728	134,625	134,388	135,212	136,073	138,825	139,695	138,324	138,028	135,061	134,684	135,988	
47														
48	SUPPORTING INFORMATION / DATA													
49	SD Cap Structure with allowed ROE per order.	While not in-service, use WACC inclusive of short-term debt. Once in-service, use WACC excluding short-term debt.												
50	Capital Structure	Ratio	Cost	WA Cost					Federal	State				
51	Debt	46.41%	4.35%	2.02%				Statutory Tax Rate	21.00%	21.00%	0.00%			
52	Preferred equity	0.00%	0.00%	0.00%				Tax conversion factor	1.265823					
53	Common equity	53.59%	8.75%	4.69%				Property Tax Rate	0.81%					
54	Total	100.00%		6.71%	Overall Return									