

Revenue Requirement Calculation

A.0000045.001-PI TN-40 Casks (48-64)		Dec - 2025	Jan - 2026	Feb - 2026	Mar - 2026	Apr - 2026	May - 2026	Jun - 2026	Jul - 2026	Aug - 2026	Sep - 2026	Oct - 2026	Nov - 2026	Dec - 2026	
A	Plant In-Service (CAA Input)	41,723,994	41,723,994	41,723,994	41,723,994	41,723,994	41,723,994	41,723,994	41,723,994	41,723,994	41,723,994	41,723,994	101,891,420	102,002,002	
B	Depreciation Reserve (CAA Input)	3,476,419	3,589,244	3,702,068	3,814,893	3,927,718	4,040,543	4,153,367	4,266,192	4,379,017	4,491,841	4,604,666	4,808,931	5,105,082	
C	Net Plant in Service (A-B)	38,247,575	38,134,750	38,021,926	37,909,101	37,796,276	37,683,451	37,570,627	37,457,802	37,344,977	37,232,153	37,119,328	97,082,489	96,896,920	
D	Average Net Plant (Prior Mo + Cur Month)/2		38,191,163	38,078,338	37,965,513	37,852,688	37,739,864	37,627,039	37,514,214	37,401,390	37,288,565	37,175,740	67,100,909	96,989,704	
E	Accumulated Deferred Taxes (CAA Input)	9,916,753	10,578,489	11,839,924	13,142,717	14,404,152	15,706,945	16,968,380	18,271,173	19,553,287	20,814,722	22,117,515	23,378,950	24,681,743	
F	ADIT Pro-Rate (See Below)		620,378	641,057	620,378	641,057	620,378	641,057	620,378	620,378	641,057	620,378	641,057	620,378	
G	ADIT Balance	9,916,753	11,198,867	12,480,981	13,763,095	15,045,209	16,327,323	17,609,437	18,891,551	20,173,665	21,455,779	22,737,893	24,020,007	25,302,121	
H	Average ADIT Balance (Prior Mo + Cur Month)/2		10,557,810	11,839,924	13,122,038	14,404,152	15,686,266	16,968,380	18,250,494	19,532,608	20,814,722	22,096,836	23,378,950	24,661,064	
I	Average Rate Base (Ave Net Plant [D] - ADIT [G])		27,633,353	26,238,414	24,843,475	23,448,537	22,053,598	20,658,659	19,263,720	17,868,782	16,473,843	15,078,904	43,721,959	72,328,640	
J	Tax Depreciation Expense (CAA Input)		4,762,165	4,762,165	4,762,165	4,762,165	4,762,165	4,762,165	4,762,165	4,762,165	4,762,165	4,762,165	4,762,165	4,762,165	
K	Debt Return (Ave RB * Wtd Cost of Debt)	[PROTECTED DATA BEGINS]												PROTECTED DATA ENDS]	
L	Equity Return (Ave RB * Wtd Cost of Equity)	[PROTECTED DATA BEGINS]													PROTECTED DATA ENDS]
M	Current Income Tax Requirement (See Below)		(840,147)	(840,689)	(838,243)	(834,440)	(832,630)	(832,197)	(829,057)	(826,149)	(823,289)	(822,472)	(793,821)	(767,203)	
N	Book Depreciation (CAA Input)		112,825	112,825	112,825	112,825	112,825	112,825	112,825	112,825	112,825	112,825	204,265	296,152	
O	Deferred Taxes (CAA Input)		1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	
P	Total Revenue Requirement (Sum J thru N)		716,216	707,525	701,823	697,478	691,139	683,423	678,414	673,173	667,884	660,553	947,966	1,233,582	
Q	Jurisdiction Revenue Requirement (O * SD Jur Factor)		42,306	41,793	41,456	41,199	40,825	40,369	40,073	39,764	39,451	39,018	55,995	72,866	
R	Base Rates (Amt for project in 2021 Test Year)		0	0	0	0	0	0	0	0	0	0	0	0	
S	Rider Revenue Requirement (P - Q)		42,306	41,793	41,456	41,199	40,825	40,369	40,073	39,764	39,451	39,018	55,995	72,866	
535,116															
Authorized Cap Structure per EL25-024 (in effect 1/1/2026)															
		Capital Structure	Weighted Cost												
Long Term Debt	[PROTECTED DATA BEGINS]														
Short Term Debt															
Preferred Stock															
Common Equity					PROTECTED DATA ENDS]										
Required Rate of Return			7.0100%												
Tax Rate (SD)			21.0000%												
SD Jurisdictional Factor			5.90690%												
Current Tax Calculation															
Equity Return (Item K)	[PROTECTED DATA BEGINS]													PROTECTED DATA ENDS]	
Book Depreciation (Item M)		112,825	112,825	112,825	112,825	112,825	112,825	112,825	112,825	112,825	112,825	112,825	204,265	296,152	
Deferred Taxes (Item N)		1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	
Less Tax Depreciation (Item I)		(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	(4,762,165)	
Plus CPI-Tax Interest (If Applicable)		92,914	96,618	111,564	131,614	144,164	151,535	169,091	185,772	202,273	211,091	211,091	109,517		
Sum		(3,160,555)	(3,162,593)	(3,153,390)	(3,139,082)	(3,132,275)	(3,130,646)	(3,118,833)	(3,107,894)	(3,097,136)	(3,094,060)	(2,986,280)	(2,886,146)		
Tax Rate (T/(1-T))		26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	
Tax Calc (Sum * Tax Rate)		(840,147)	(840,689)	(838,243)	(834,440)	(832,630)	(832,197)	(829,057)	(826,149)	(823,289)	(822,472)	(793,821)	(767,203)		
ADIT Pro-Ration Calculation															
Pro-Rate Days in Month		15/31	14/28	15/31	15/30	15/31	15/30	15/31	15/31	15/30	15/31	15/30	15/31		
ADIT Pro-rate Factor (# Days as %)		48.3871%	50.0000%	48.3871%	50.0000%	48.3871%	50.0000%	48.3871%	48.3871%	50.0000%	48.3871%	50.0000%	48.3871%		
Deferred Tax Activity (Item N)		1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114	1,282,114		
Deferred Tax Pro-rate (Def Tax Activity * Factor)		620,378	641,057	620,378	641,057	620,378	641,057	620,378	620,378	620,378	641,057	620,378	641,057	620,378	

CAA = Capital Asset Accounting