



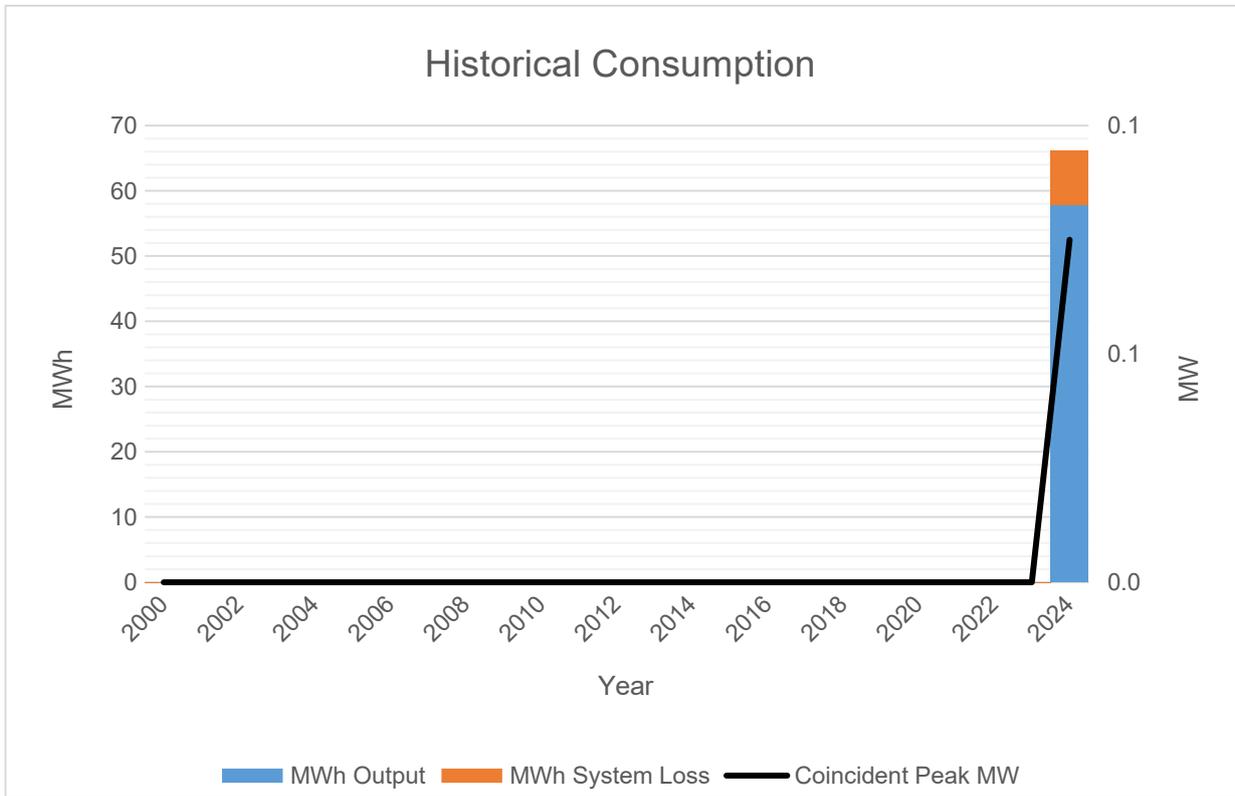
Power Supply Procurement Plan 2025 - 2034

**ILOILO III ELECTRIC COOPERATIVE, INC. (ILECO III)
(TAGUBANHAN ISLAND)**

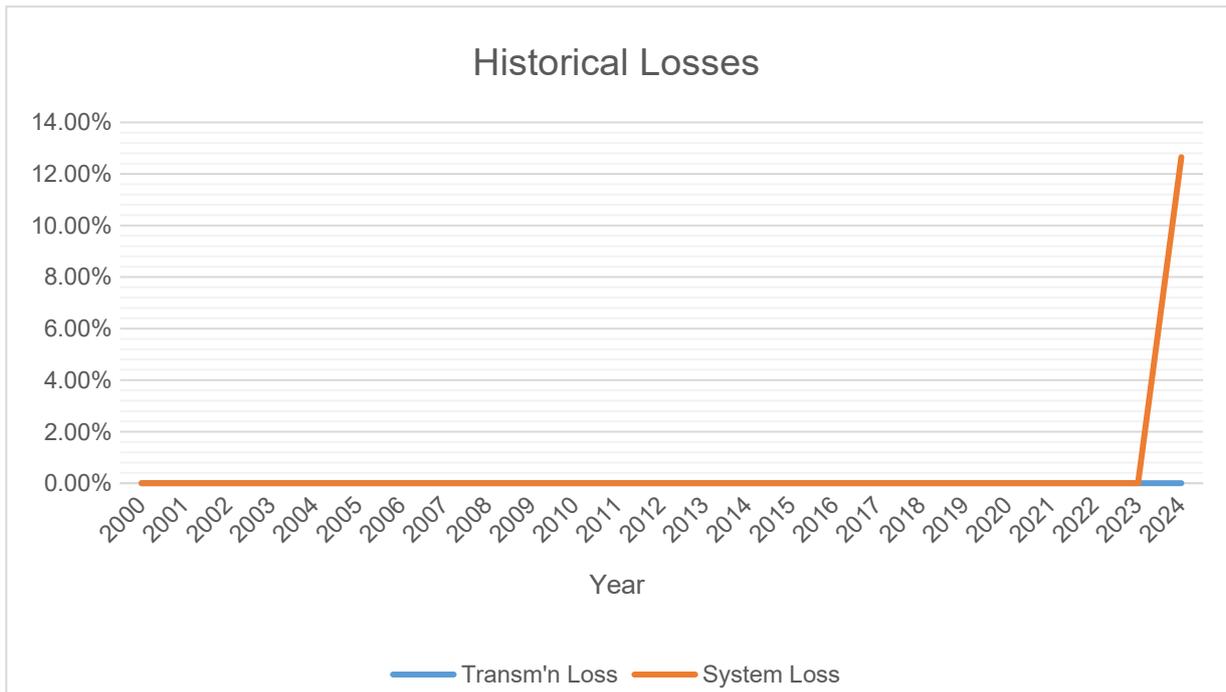
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2001	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2002	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2003	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2004	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2005	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2006	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2007	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2008	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2009	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2010	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2011	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2012	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2013	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2014	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2015	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2016	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2017	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2018	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2019	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2020	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2021	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2022	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2023	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2024	0.08	66	0	66	58	8	10%	0.00%	0.00%	12.65%

In 2024, the peak demand reached 0.08 MW, with an annual MWh offtake of 66 MWh and a load factor of 10%, reflecting the early stages of operation, which began in June 2024.

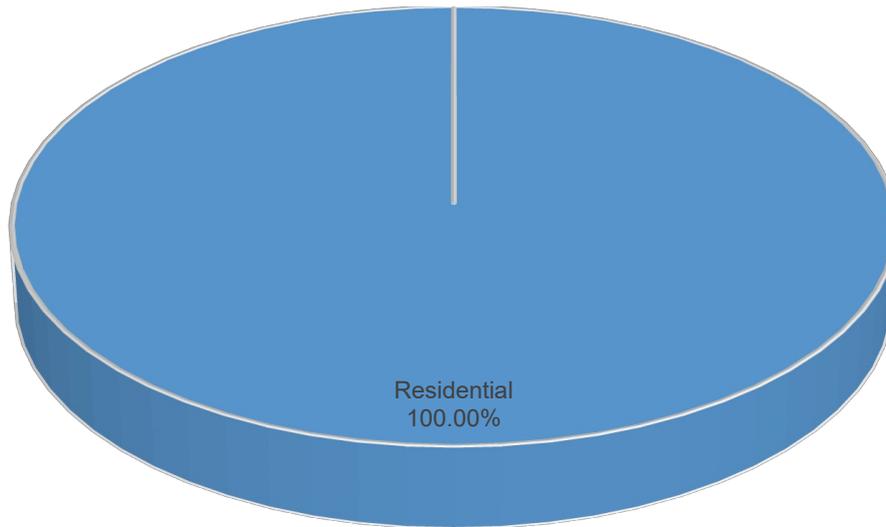


MWh Output is 58 MWh, while MWh System Loss is 12.65% within the same period.



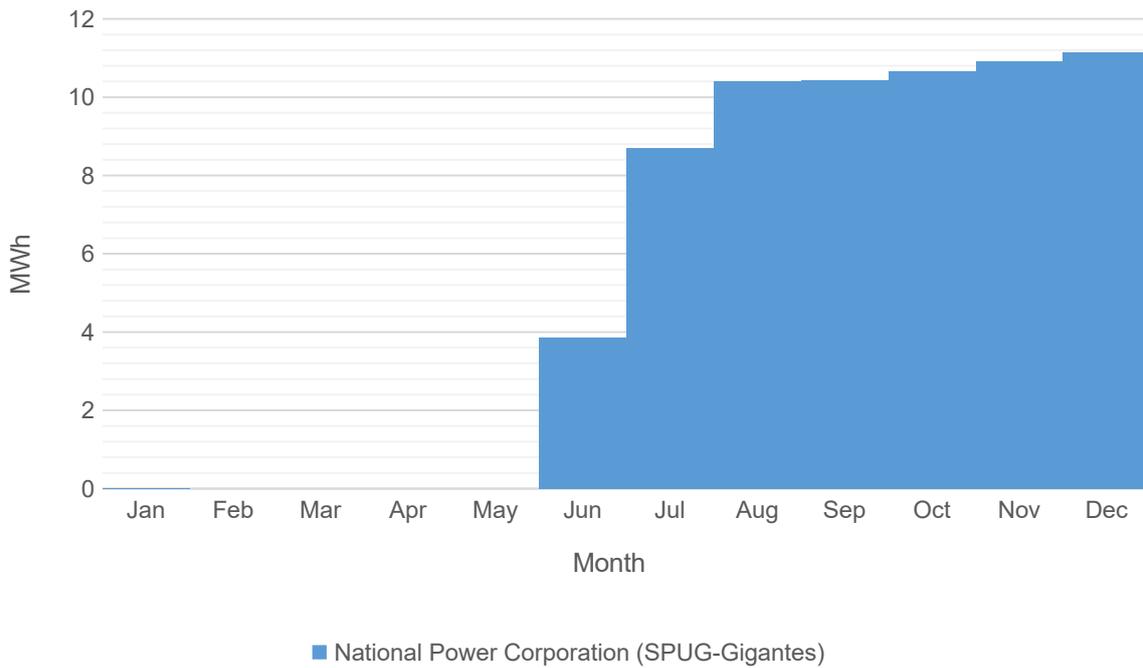
There is no historical data for Transmission Loss ranged and System Loss since the operation just started last June 2024. However, for 2024, the Transmission Loss is 0% and the System Loss is 12.65%.

Previous Year's Shares of Energy Sales

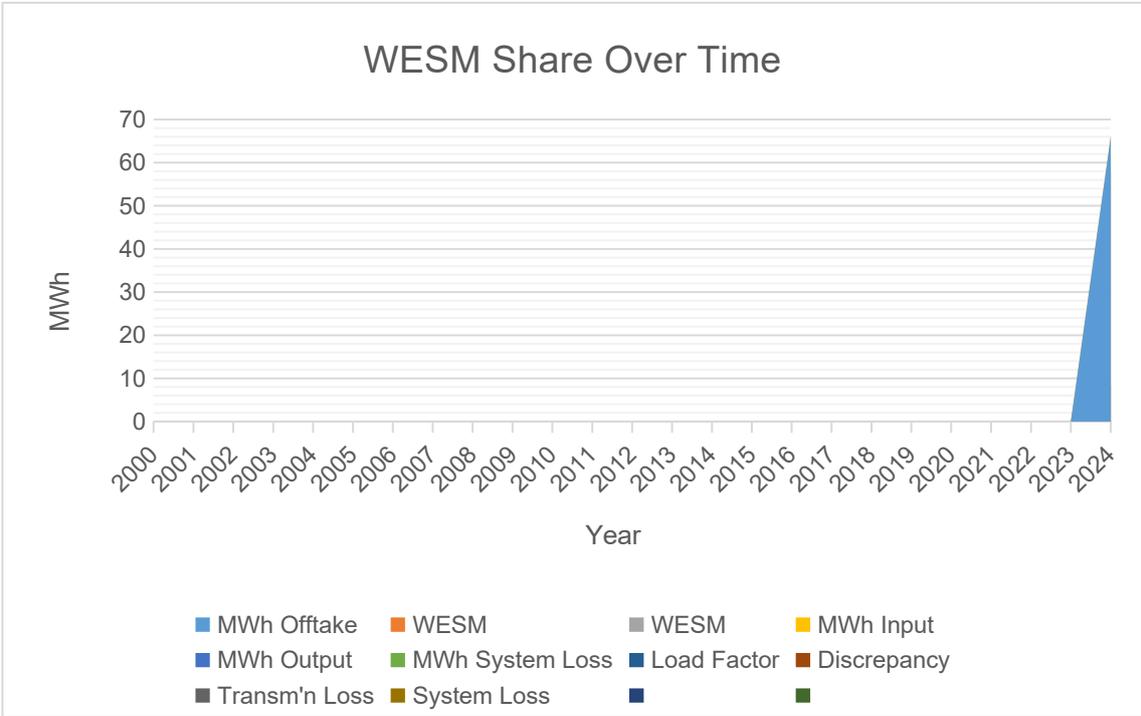


Residential customers account for the bulk of energy sales at 100%.

MWh Offtake for Last Historical Year

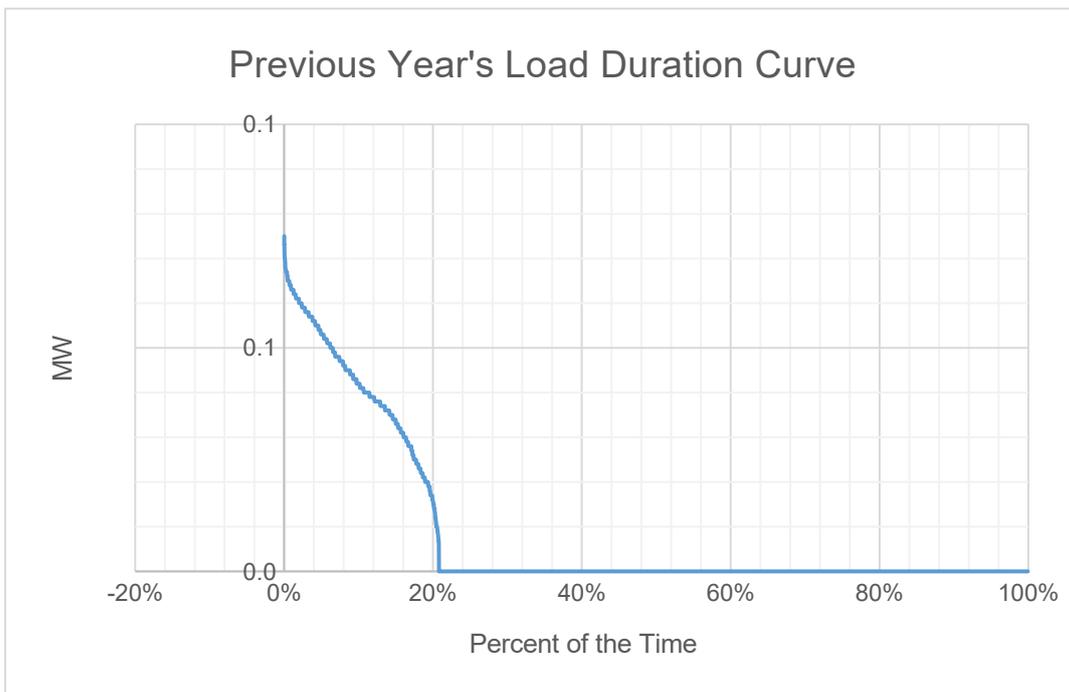


For the National Power Corporation (NPC), the total offtake for the most recent historical year was fully allocated to this power supplier.

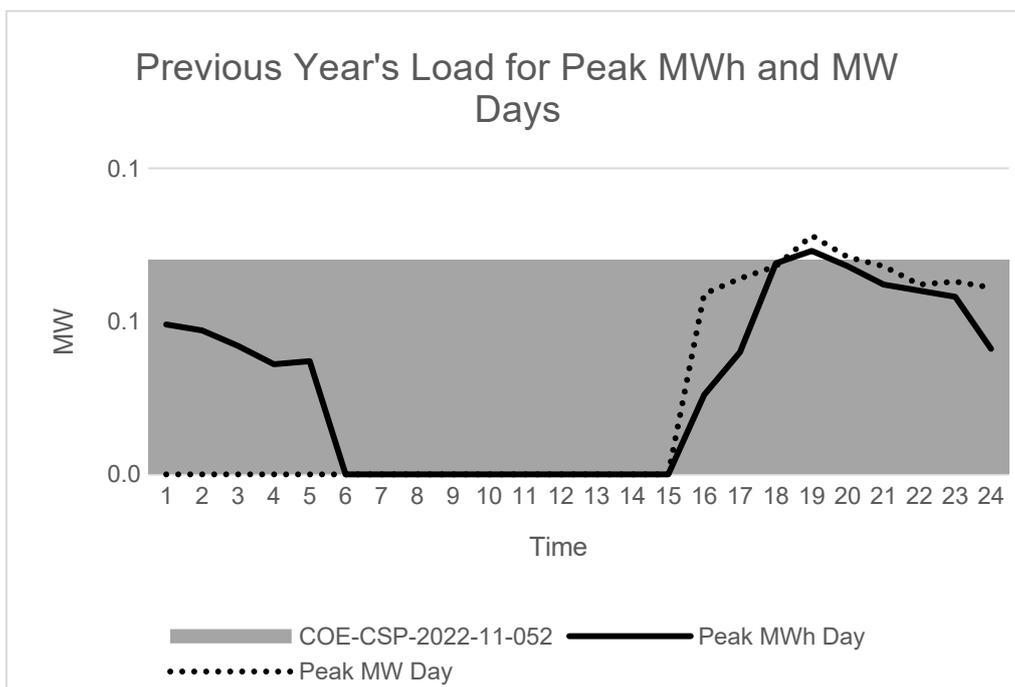


There is no WESM available because Gigantes Island is an off-grid area.

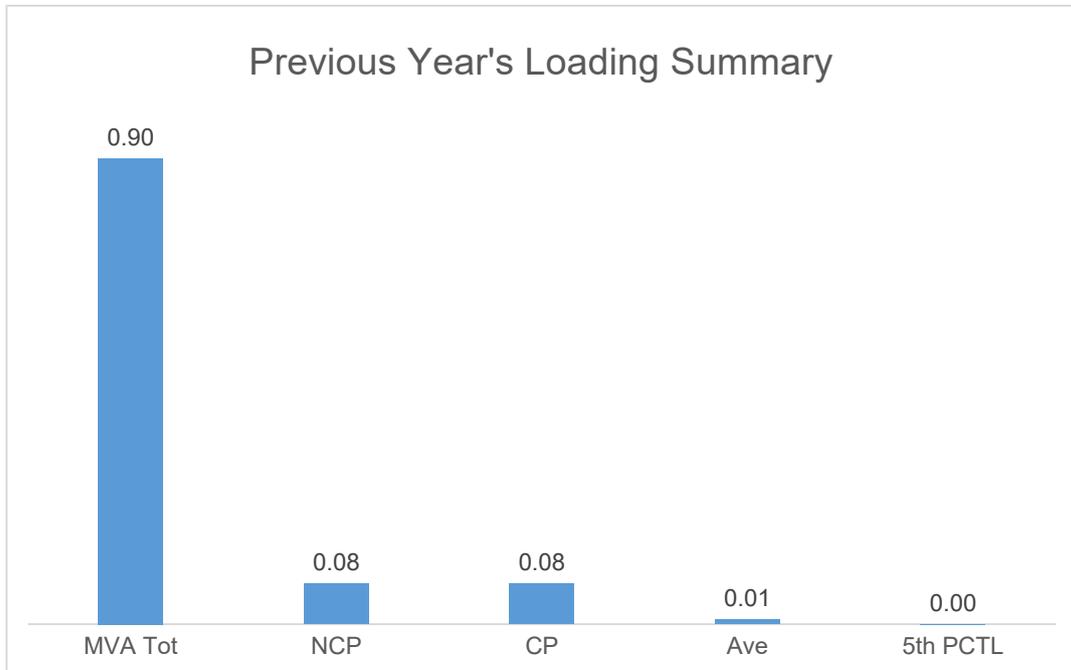
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 0.02 MW and the maximum load is 0.78 MW for the last historical year.



Peak MW occurred at hour 18 due to the onset of nighttime, which also marked the peak daily MWh. The Load Curves indicate that the available supply aligns with the peak demand.



The non-coincident peak demand is 0.08 MW, approximately 9% of the total substation capacity of 0.90 MVA. The load factor, representing the ratio of the average load of 0.01 MW to the non-coincident peak demand, is also 13%. A safe estimate for the true minimum load is the fifth percentile load of 0.00 MW, which accounts for 0% of the non-coincident peak demand.

Metering Point	Substation MVA	Substation Peak MW
NPC-Spug (Tagubanhon)	0.9	0.078

The substation is currently loaded below 70%.

Forecasted Consumption Data

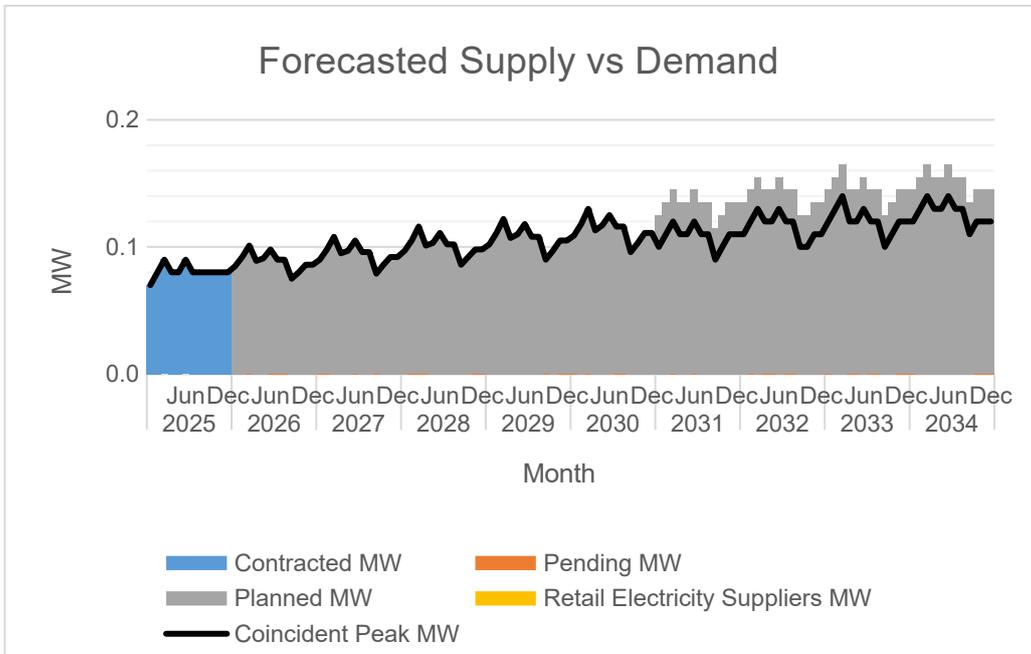
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2025	Jan	0.07	0.07	0.00	0.000		100%	100%	0.00
	Feb	0.08	0.08	0.00	0.000		100%	100%	0.00
	Mar	0.09	0.09	0.00	0.000		100%	100%	0.00
	Apr	0.08	0.08	0.00	0.000		100%	100%	0.00
	May	0.08	0.08	0.00	0.000		100%	100%	0.00
	Jun	0.09	0.09	0.00	0.000		100%	100%	0.00
	Jul	0.08	0.08	0.00	0.000		100%	100%	0.00
	Aug	0.08	0.08	0.00	0.000		100%	100%	0.00
	Sep	0.08	0.08	0.00	0.000		100%	100%	0.00
	Oct	0.08	0.08	0.00	0.000		100%	100%	0.00
	Nov	0.08	0.08	0.00	0.000		100%	100%	0.00
	Dec	0.08	0.08	0.00	0.000		100%	100%	0.00
2026	Jan	0.09	0.00	0.00	0.085		0%	100%	0.00
	Feb	0.09	0.00	0.00	0.092		0%	100%	0.00
	Mar	0.10	0.00	0.00	0.101		0%	100%	0.00
	Apr	0.09	0.00	0.00	0.089		0%	100%	0.00
	May	0.09	0.00	0.00	0.091		0%	100%	0.00
	Jun	0.10	0.00	0.00	0.098		0%	100%	0.00
	Jul	0.09	0.00	0.00	0.090		0%	100%	0.00
	Aug	0.09	0.00	0.00	0.090		0%	100%	0.00
	Sep	0.08	0.00	0.00	0.075		0%	100%	0.00
	Oct	0.08	0.00	0.00	0.080		0%	100%	0.00
	Nov	0.09	0.00	0.00	0.086		0%	100%	0.00
	Dec	0.09	0.00	0.00	0.086		0%	100%	0.00
2027	Jan	0.09	0.00	0.00	0.090		0%	100%	0.00
	Feb	0.10	0.00	0.00	0.098		0%	100%	0.00
	Mar	0.11	0.00	0.00	0.108		0%	100%	0.00
	Apr	0.10	0.00	0.00	0.095		0%	100%	0.00
	May	0.10	0.00	0.00	0.097		0%	100%	0.00

	Jun	0.11	0.00	0.00	0.105		0%	100%	0.00
	Jul	0.10	0.00	0.00	0.096		0%	100%	0.00
	Aug	0.10	0.00	0.00	0.096		0%	100%	0.00
	Sep	0.08	0.00	0.00	0.079		0%	100%	0.00
	Oct	0.09	0.00	0.00	0.086		0%	100%	0.00
	Nov	0.09	0.00	0.00	0.092		0%	100%	0.00
	Dec	0.09	0.00	0.00	0.092		0%	100%	0.00
2028	Jan	0.10	0.00	0.00	0.097		0%	100%	0.00
	Feb	0.11	0.00	0.00	0.105		0%	100%	0.00
	Mar	0.12	0.00	0.00	0.116		0%	100%	0.00
	Apr	0.10	0.00	0.00	0.101		0%	100%	0.00
	May	0.10	0.00	0.00	0.103		0%	100%	0.00
	Jun	0.11	0.00	0.00	0.111		0%	100%	0.00
	Jul	0.10	0.00	0.00	0.102		0%	100%	0.00
	Aug	0.10	0.00	0.00	0.102		0%	100%	0.00
	Sep	0.09	0.00	0.00	0.086		0%	100%	0.00
	Oct	0.09	0.00	0.00	0.092		0%	100%	0.00
	Nov	0.10	0.00	0.00	0.098		0%	100%	0.00
	Dec	0.10	0.00	0.00	0.098		0%	100%	0.00
2029	Jan	0.10	0.00	0.00	0.102		0%	100%	0.00
	Feb	0.11	0.00	0.00	0.111		0%	100%	0.00
	Mar	0.12	0.00	0.00	0.122		0%	100%	0.00
	Apr	0.11	0.00	0.00	0.107		0%	100%	0.00
	May	0.11	0.00	0.00	0.110		0%	100%	0.00
	Jun	0.12	0.00	0.00	0.118		0%	100%	0.00
	Jul	0.11	0.00	0.00	0.108		0%	100%	0.00
	Aug	0.11	0.00	0.00	0.108		0%	100%	0.00
	Sep	0.09	0.00	0.00	0.090		0%	100%	0.00
	Oct	0.10	0.00	0.00	0.097		0%	100%	0.00
	Nov	0.11	0.00	0.00	0.105		0%	100%	0.00
	Dec	0.11	0.00	0.00	0.105		0%	100%	0.00
2030	Jan	0.11	0.00	0.00	0.109		0%	100%	0.00
	Feb	0.12	0.00	0.00	0.118		0%	100%	0.00
	Mar	0.13	0.00	0.00	0.130		0%	100%	0.00

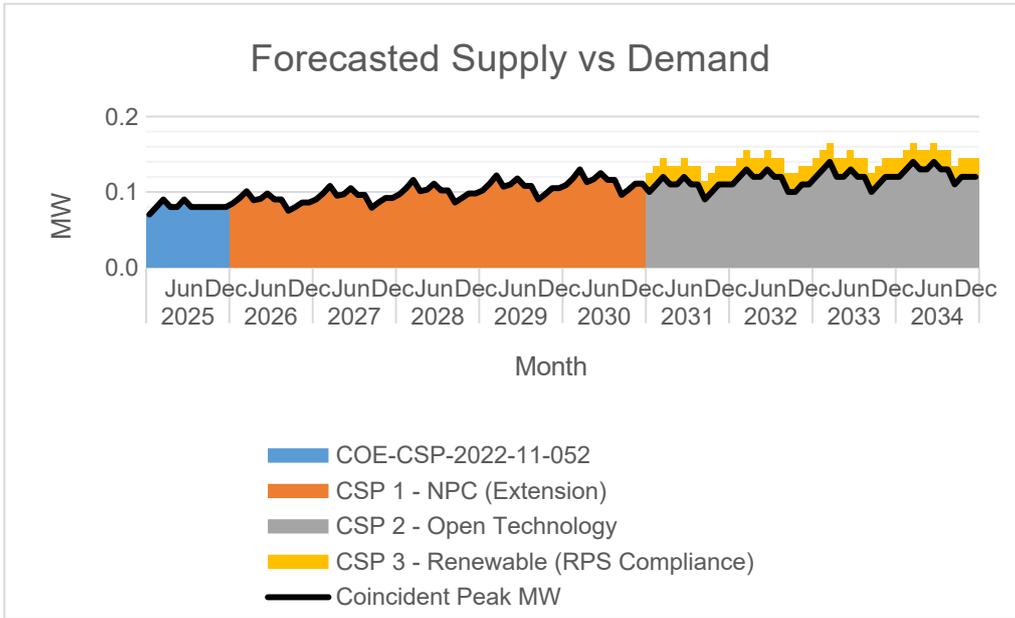
	Apr	0.11	0.00	0.00	0.113		0%	100%	0.00
	May	0.12	0.00	0.00	0.117		0%	100%	0.00
	Jun	0.13	0.00	0.00	0.125		0%	100%	0.00
	Jul	0.12	0.00	0.00	0.116		0%	100%	0.00
	Aug	0.12	0.00	0.00	0.116		0%	100%	0.00
	Sep	0.10	0.00	0.00	0.096		0%	100%	0.00
	Oct	0.10	0.00	0.00	0.103		0%	100%	0.00
	Nov	0.11	0.00	0.00	0.111		0%	100%	0.00
	Dec	0.11	0.00	0.00	0.111		0%	100%	0.00
2031	Jan	0.10	0.00	0.00	0.125		0%	125%	0.03
	Feb	0.11	0.00	0.00	0.135		0%	123%	0.03
	Mar	0.12	0.00	0.00	0.145		0%	121%	0.03
	Apr	0.11	0.00	0.00	0.135		0%	123%	0.03
	May	0.11	0.00	0.00	0.135		0%	123%	0.03
	Jun	0.12	0.00	0.00	0.145		0%	121%	0.03
	Jul	0.11	0.00	0.00	0.135		0%	123%	0.03
	Aug	0.11	0.00	0.00	0.135		0%	123%	0.03
	Sep	0.09	0.00	0.00	0.115		0%	128%	0.03
	Oct	0.10	0.00	0.00	0.125		0%	125%	0.03
	Nov	0.11	0.00	0.00	0.135		0%	123%	0.03
	Dec	0.11	0.00	0.00	0.135		0%	123%	0.03
2032	Jan	0.11	0.00	0.00	0.135		0%	123%	0.03
	Feb	0.12	0.00	0.00	0.145		0%	121%	0.03
	Mar	0.13	0.00	0.00	0.155		0%	119%	0.03
	Apr	0.12	0.00	0.00	0.145		0%	121%	0.03
	May	0.12	0.00	0.00	0.145		0%	121%	0.03
	Jun	0.13	0.00	0.00	0.155		0%	119%	0.03
	Jul	0.12	0.00	0.00	0.145		0%	121%	0.03
	Aug	0.12	0.00	0.00	0.145		0%	121%	0.03
	Sep	0.10	0.00	0.00	0.125		0%	125%	0.03
	Oct	0.10	0.00	0.00	0.125		0%	125%	0.03
	Nov	0.11	0.00	0.00	0.135		0%	123%	0.03
	Dec	0.11	0.00	0.00	0.135		0%	123%	0.03
2033	Jan	0.12	0.00	0.00	0.145		0%	121%	0.03

	Feb	0.13	0.00	0.00	0.155		0%	119%	0.03
	Mar	0.14	0.00	0.00	0.165		0%	118%	0.03
	Apr	0.12	0.00	0.00	0.145		0%	121%	0.03
	May	0.12	0.00	0.00	0.145		0%	121%	0.03
	Jun	0.13	0.00	0.00	0.155		0%	119%	0.03
	Jul	0.12	0.00	0.00	0.145		0%	121%	0.03
	Aug	0.12	0.00	0.00	0.145		0%	121%	0.03
	Sep	0.10	0.00	0.00	0.125		0%	125%	0.03
	Oct	0.11	0.00	0.00	0.135		0%	123%	0.03
	Nov	0.12	0.00	0.00	0.145		0%	121%	0.03
	Dec	0.12	0.00	0.00	0.145		0%	121%	0.03
2034	Jan	0.12	0.00	0.00	0.145		0%	121%	0.03
	Feb	0.13	0.00	0.00	0.155		0%	119%	0.03
	Mar	0.14	0.00	0.00	0.165		0%	118%	0.03
	Apr	0.13	0.00	0.00	0.155		0%	119%	0.03
	May	0.13	0.00	0.00	0.155		0%	119%	0.03
	Jun	0.14	0.00	0.00	0.165		0%	118%	0.03
	Jul	0.13	0.00	0.00	0.155		0%	119%	0.03
	Aug	0.13	0.00	0.00	0.155		0%	119%	0.03
	Sep	0.11	0.00	0.00	0.135		0%	123%	0.03
	Oct	0.12	0.00	0.00	0.145		0%	121%	0.03
	Nov	0.12	0.00	0.00	0.145		0%	121%	0.03
	Dec	0.12	0.00	0.00	0.145		0%	121%	0.03

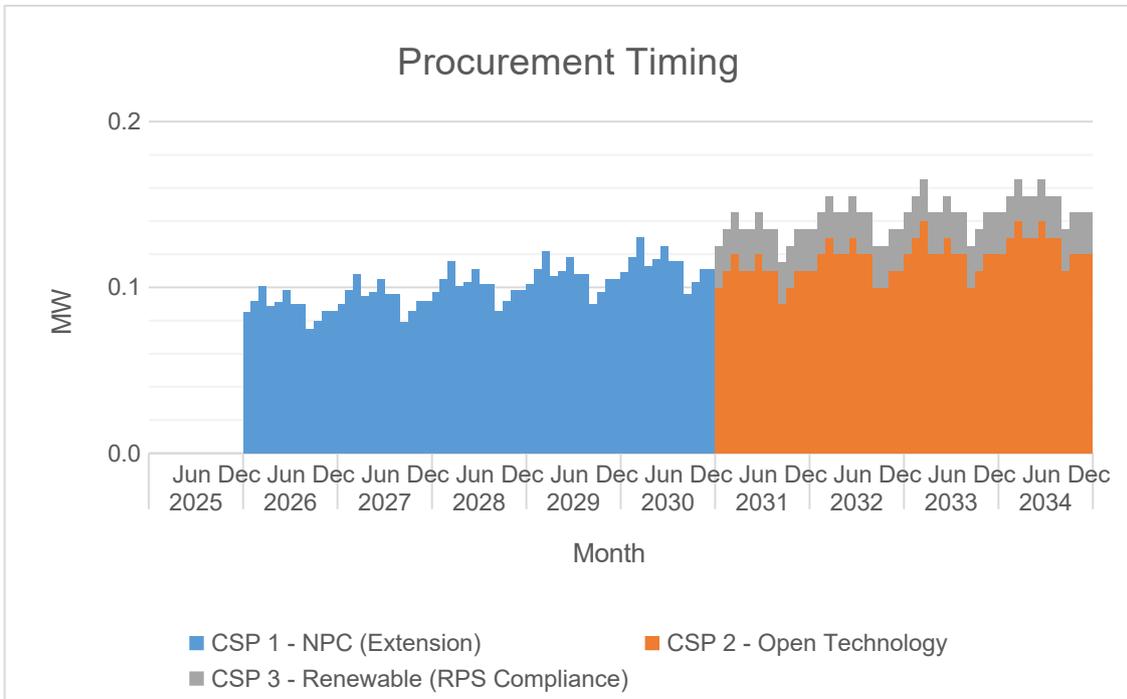
Peak demand is projected to occur in March due to summer conditions, while monthly peak demand is expected to be at its lowest in September because of cold weather. In general, Peak Demand is expected to grow at a rate of 5% annually.



The available supply generally matches peak demand. However, between 2031 and 2034, supply will exceed peak demand due to the addition of intermediate renewable energy sources. These sources will generate power only during daylight hours, providing electricity for approximately eight hours each day.



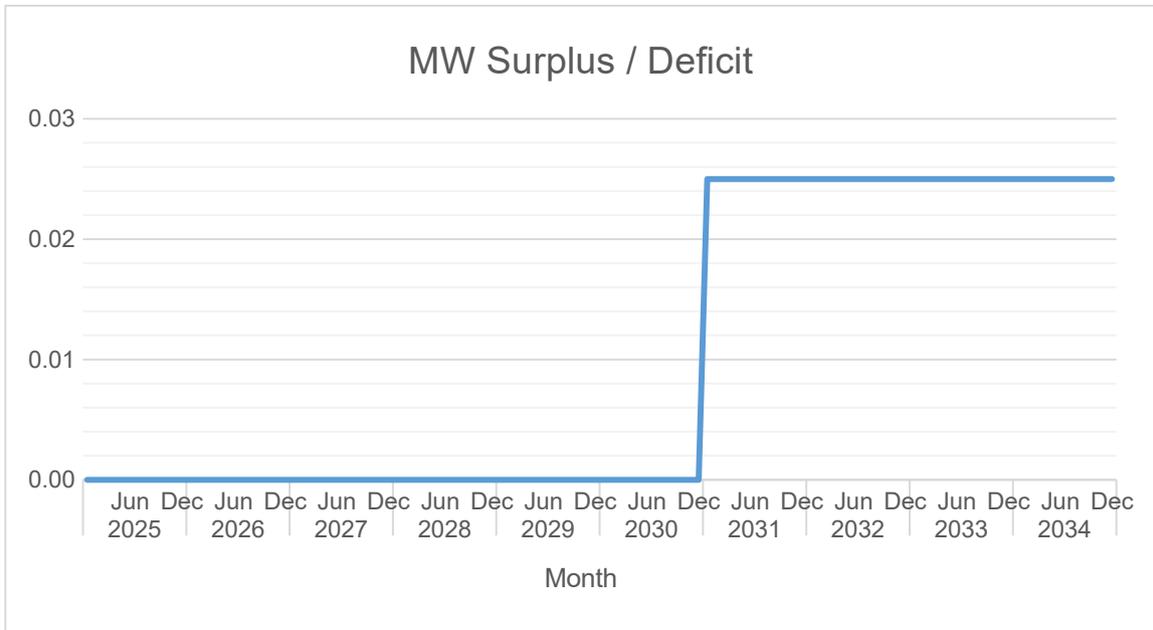
The majority of the available supply comes from CSP 2 - Open Technology, contributing 0.09 MW. This is closely followed by CSP 1 - NPC (Extension) with 0.08 MW, National Power Corporation with 0.07 MW and CSP 3 - Renewable, which adds 0.03 MW to meet RPS compliance requirements.



The first phase of supply procurement will bring in 0.08 MW, set to be available by January 2026. This will be followed by an additional 0.09 MW and 0.03 MW, both expected to come online by January 2031.



Currently, there is neither under-contracting nor over-contracting. The highest target contracting level is 128%, expected to be achieved 2031 due to the addition of intermediate renewable energy sources, while the lowest target contracting level of 100%.

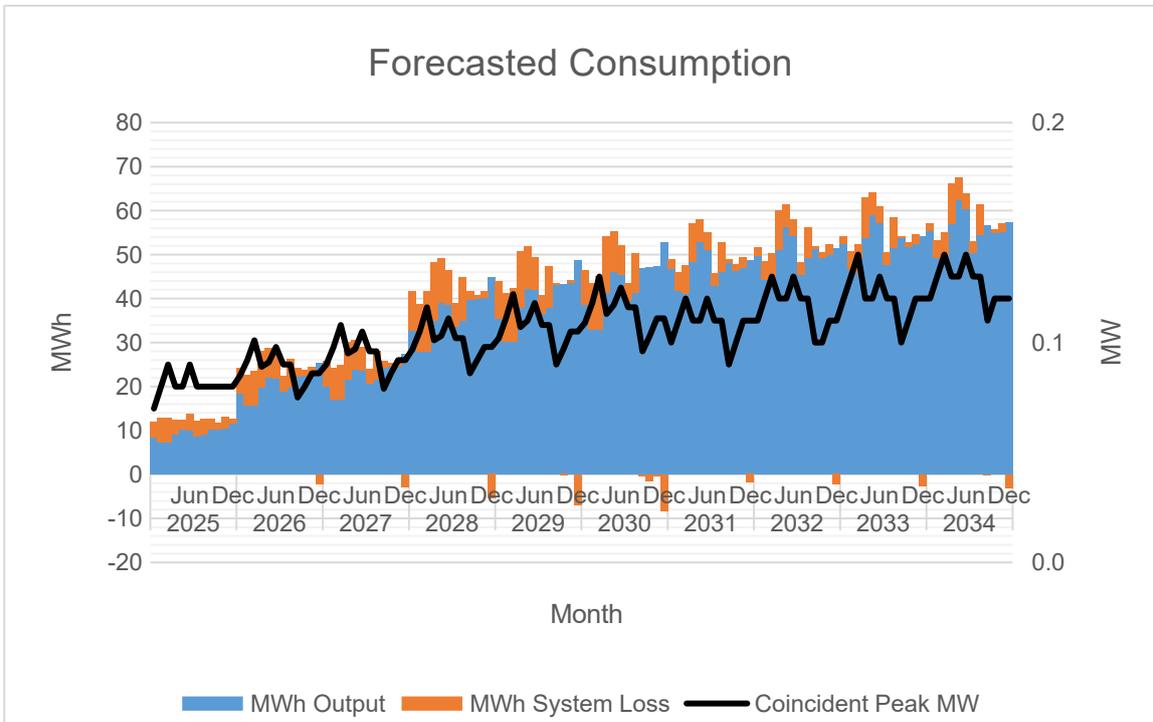


Currently, there is neither under-contracting nor over-contracting, and there is no surplus or deficit. However, between 2031 and 2034, supply will exceed peak demand due to the addition of intermediate renewable energy sources. These sources will generate power only during daylight hours, providing electricity for approximately eight hours each day.

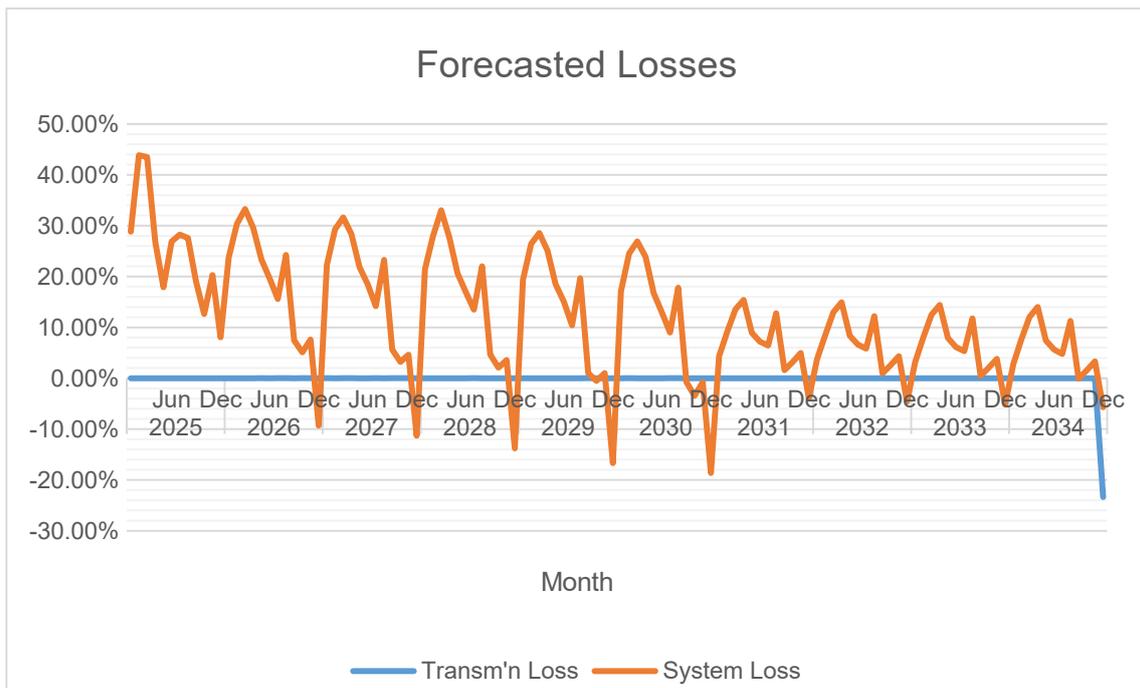
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	12	8	3	0.00%	28.83%
	Feb	13	7	6	0.00%	43.86%
	Mar	13	7	6	0.00%	43.49%
	Apr	12	9	3	0.00%	26.77%
	May	12	10	2	0.00%	17.88%
	Jun	14	10	4	0.00%	26.87%
	Jul	12	9	3	0.00%	28.25%
	Aug	13	9	3	0.00%	27.55%
	Sep	13	10	2	0.00%	19.04%
	Oct	12	10	1	0.00%	12.62%
	Nov	13	10	3	0.00%	20.27%
	Dec	13	12	1	0.00%	8.04%
2026	Jan	24	18	6	0.00%	23.74%
	Feb	23	16	7	-0.01%	30.35%
	Mar	24	16	8	-0.01%	33.28%
	Apr	28	20	8	0.00%	29.55%
	May	29	22	7	0.01%	23.34%
	Jun	27	22	5	0.01%	19.65%
	Jul	22	19	4	0.02%	15.58%
	Aug	26	20	6	0.02%	24.24%
	Sep	24	22	2	0.00%	7.44%
	Oct	24	23	1	0.01%	5.10%
	Nov	25	23	2	0.01%	7.59%
	Dec	23	25	-2	-0.01%	-9.31%
2027	Jan	26	20	6	0.01%	22.30%
	Feb	24	17	7	0.00%	29.28%
	Mar	25	17	8	0.01%	31.63%

	Apr	30	21	9	0.01%	28.35%
	May	31	24	7	-0.01%	21.84%
	Jun	29	24	5	-0.01%	18.47%
	Jul	24	21	3	0.02%	14.15%
	Aug	28	22	7	0.00%	23.28%
	Sep	26	24	1	0.01%	5.62%
	Oct	25	24	1	0.01%	3.21%
	Nov	26	25	1	0.01%	4.61%
	Dec	25	27	-3	-0.01%	-11.32%
2028	Jan	42	33	9	0.00%	21.45%
	Feb	39	28	11	-0.01%	27.97%
	Mar	42	28	14	0.00%	33.04%
	Apr	48	35	13	0.00%	27.67%
	May	49	39	10	0.00%	20.63%
	Jun	46	39	8	-0.01%	16.97%
	Jul	39	34	5	0.01%	13.49%
	Aug	45	35	10	-0.01%	22.03%
	Sep	42	40	2	0.00%	4.64%
	Oct	41	40	1	-0.01%	2.09%
	Nov	42	40	1	0.00%	3.56%
	Dec	39	45	-5	0.01%	-13.79%
2029	Jan	44	35	9	0.00%	19.36%
	Feb	41	30	11	-0.01%	26.44%
	Mar	42	30	12	0.00%	28.56%
	Apr	51	38	13	0.00%	25.09%
	May	52	42	10	0.00%	18.52%
	Jun	49	42	7	-0.01%	15.04%
	Jul	41	36	4	-0.01%	10.41%
	Aug	47	38	9	0.01%	19.67%
	Sep	44	43	0	0.01%	1.01%
	Oct	43	43	0	-0.01%	-0.53%
	Nov	44	44	0	0.00%	1.02%
	Dec	42	49	-7	0.00%	-16.69%
2030	Jan	46	38	8	-0.01%	17.10%
	Feb	44	33	11	0.01%	24.52%
	Mar	45	33	12	0.00%	26.92%
	Apr	54	41	13	0.01%	23.84%
	May	55	46	9	0.01%	16.77%
	Jun	52	45	7	0.00%	12.98%
	Jul	44	40	4	0.01%	9.01%
	Aug	50	41	9	0.01%	17.80%
	Sep	46	47	0	-0.01%	-0.73%
	Oct	45	47	-2	-0.01%	-3.48%
	Nov	47	47	0	0.00%	-0.79%
	Dec	44	53	-8	0.00%	-18.62%
2031	Jan	49	47	2	0.00%	4.34%
	Feb	46	42	4	0.00%	9.19%
	Mar	48	41	6	0.00%	13.55%
	Apr	57	48	9	0.00%	15.38%
	May	58	53	5	0.00%	8.94%
	Jun	55	51	4	0.00%	7.18%

	Jul	46	43	3	0.00%	6.41%
	Aug	53	46	7	0.00%	12.79%
	Sep	49	48	1	0.00%	1.58%
	Oct	48	46	2	0.00%	3.18%
	Nov	49	47	2	0.00%	4.95%
	Dec	47	49	-2	0.00%	-3.93%
2032	Jan	52	50	2	0.00%	3.77%
	Feb	48	44	4	0.00%	8.54%
	Mar	50	44	7	0.00%	13.00%
	Apr	60	51	9	0.00%	14.92%
	May	61	56	5	0.00%	8.35%
	Jun	58	54	4	0.00%	6.62%
	Jul	48	45	3	0.00%	5.83%
	Aug	56	49	7	0.00%	12.21%
	Sep	52	51	1	0.00%	0.97%
	Oct	51	49	1	0.00%	2.59%
	Nov	52	50	2	0.00%	4.35%
	Dec	49	51	-2	0.00%	-4.62%
2033	Jan	54	52	2	0.00%	3.21%
	Feb	51	47	4	0.00%	8.08%
	Mar	52	46	7	0.00%	12.52%
	Apr	63	54	9	0.00%	14.41%
	May	64	59	5	0.00%	7.91%
	Jun	61	57	4	0.00%	6.10%
	Jul	51	48	3	0.00%	5.32%
	Aug	59	52	7	0.00%	11.76%
	Sep	54	54	0	0.00%	0.46%
	Oct	53	52	1	0.00%	2.06%
	Nov	55	53	2	0.00%	3.81%
	Dec	51	54	-3	0.00%	-5.19%
2034	Jan	57	55	2	0.00%	2.77%
	Feb	53	49	4	0.00%	7.63%
	Mar	55	48	7	0.00%	12.06%
	Apr	66	57	9	0.00%	14.01%
	May	67	62	5	0.00%	7.42%
	Jun	64	60	4	0.00%	5.64%
	Jul	53	50	3	0.00%	4.78%
	Aug	61	54	7	0.00%	11.28%
	Sep	57	57	0	0.00%	-0.09%
	Oct	56	55	1	0.00%	1.56%
	Nov	57	55	2	0.00%	3.31%
	Dec	44	57	-3	-23.39%	-5.71%



MWh Output was expected to grow at an average rate of 5% annually.



Transmission loss is expected to range from -23% - 0%, while system loss is projected to range from -18.62 % to 44%, primarily driven by Non-Technical Loss. On Tagubanhon Island, there is no Substation/Sub-Transmission (SS/SubTx) loss since electricity is supplied directly by the National Power Corporation (NPC) due to the absence of a substation on the island.

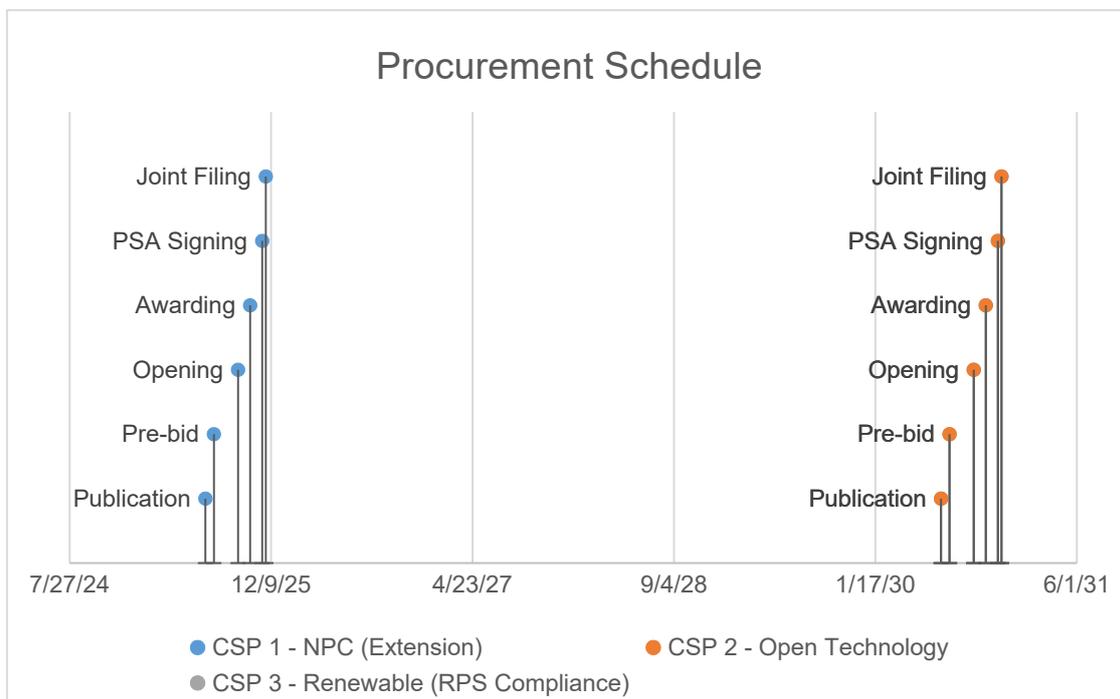
As operations only began in June 2024, given the short operational period, there has not been enough time to collect sufficient historical data, making it challenging to accurately forecast these types of losses at this stage.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
COE-CSP-2022-11-052	Base	National Power Corporation	0.07	127	12/26/2022	12/25/2025

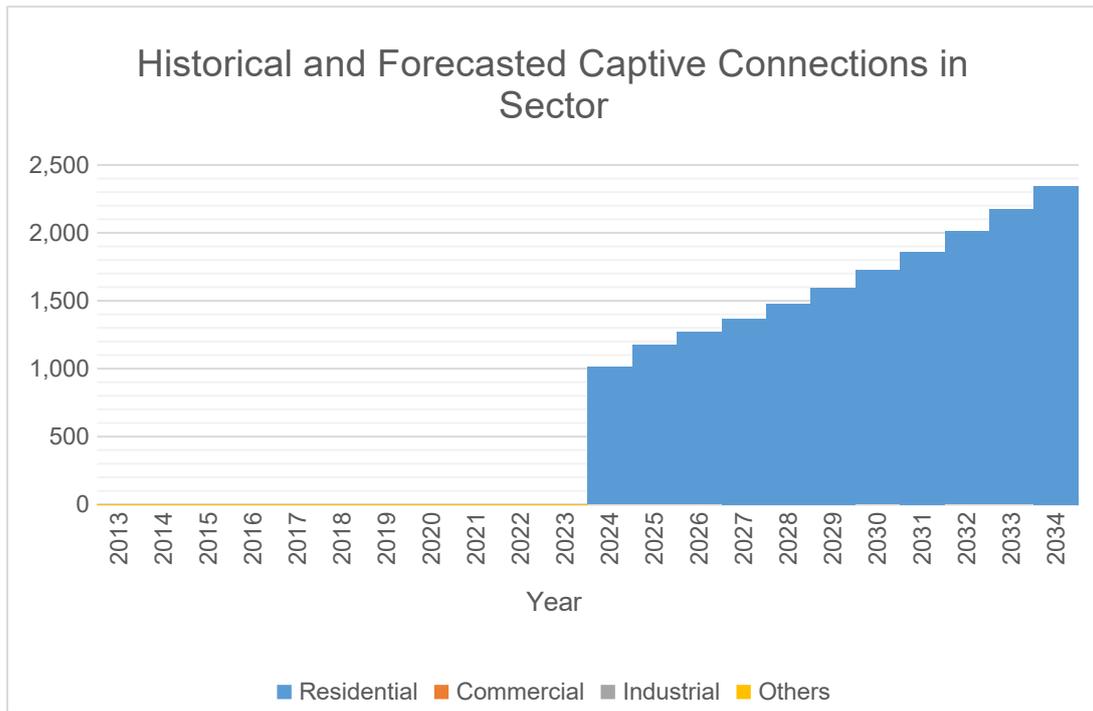
The PSA with the National Power Corporation, filed with the DOE under COE-CSP-2022-11-052, was procured through negotiation and selected to meet base, intermediate, and peaking requirements as the sole supplier. Historically, the utilization of this PSA has been 100%. Plant outages resulted in an average unserved energy of approximately 0.38 MWh over the past year. The actual billed overall monthly charge under the PSA averaged 7.6433 P/kWh during the same period.

	CSP 1 - NPC (Extension)	CSP 2 - Open Technology	CSP 3 - Renewable (RPS Compliance)
Type	Base	Base	Intermediate
Minimum MW	0.08	0.09	0.03
Minimum MWh/yr	298	531	73
PSA Start	12/26/2025	12/26/2030	12/26/2030
PSA End	12/25/2030	12/25/2035	12/25/2035
Publication	N/A	6/29/2030	6/29/2030
Pre-bid	N/A	7/20/2030	7/20/2030
Opening	N/A	9/18/2030	9/18/2030
Awarding	N/A	10/18/2030	10/18/2030
PSA Signing	11/17/2025	11/17/2030	11/17/2030
Joint Filing	11/26/2025	11/26/2030	11/26/2030



The procurement of 0.08 MW of supply is scheduled for availability in January 2026, followed by 0.09 MW and 0.03 MW planned for January 2031. The first publication or launch of CSP 2 – Open Technology is set for June 29, 2030, with a joint filing planned for November 26, 2030, 150 days later, in line with DOE’s 2018, 2021 and 2023 CSP Policies. However, CSP 1 – NPC (Extension) and CSP 3 – Renewable (RPS Compliance) are exempt from the CSP process.

Captive Customer Connections



The number of residential connections is projected to grow at an average annual rate of 8%, and this customer class is expected to account for 87% of total consumption