

Power Supply Procurement Plan

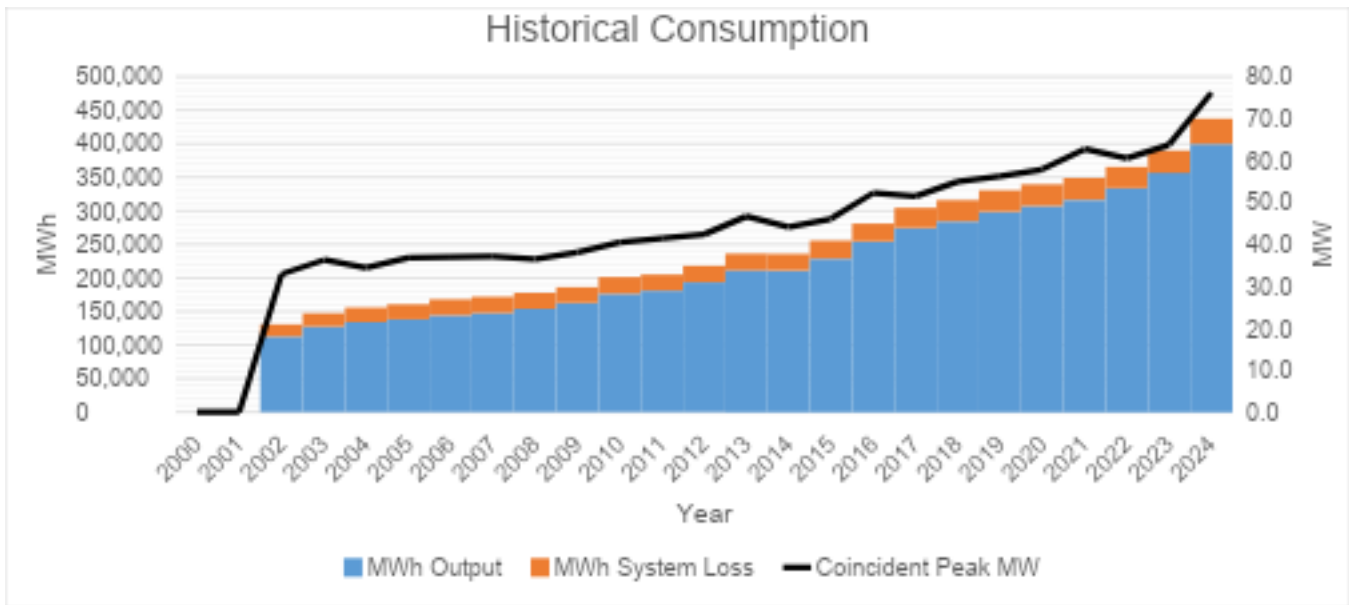
**GRID
[2025]**

ILOCOS SUR ELECTRIC COOPERATIVE, INC.

Historical Consumption Data

	Coinciden t Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh Syste m Loss	Load Factor	Discrepanc y	Transm' n Loss	Syste m Loss
2002	32.89	130,79 1	0	130,79 1	112,73 1	17,947	45%	-0.09%	0.00%	13.72%
2003	36.28	147,29 9	0	147,29 9	127,48 0	19,692	46%	-0.09%	0.00%	13.37%
2004	34.47	155,75 4	0	155,75 4	133,93 3	21,775	52%	-0.03%	0.00%	13.98%
2005	36.76	160,62 5	0	160,62 5	138,25 3	22,366	50%	0.00%	0.00%	13.92%
2006	36.89	168,13 4	0	168,13 4	144,30 1	23,756	52%	-0.05%	0.00%	14.13%
2007	37.08	172,20 2	0	172,20 1	147,69 8	24,167	53%	-0.20%	0.00%	14.03%
2008	36.56	178,37 1	0	178,37 1	153,98 5	23,928	56%	-0.26%	0.00%	13.41%
2009	38.13	186,40 5	0	186,40 5	162,72 6	23,353	56%	-0.17%	0.00%	12.53%
2010	40.49	201,29 5	1,746	201,29 5	176,45 5	24,779	57%	-0.03%	0.00%	12.31%
2011	41.39	204,63 8	19,370	204,80 1	181,17 5	23,816	56%	0.09%	-0.08%	11.63%
2012	42.40	217,41 4	28,072	217,65 5	193,45 7	24,590	59%	0.18%	-0.11%	11.30%
2013	46.70	235,52 0	137,05 8	235,70 9	211,32 6	24,857	58%	0.20%	-0.08%	10.55%
2014	44.19	235,28 8	65,899	235,28 8	211,04 8	24,685	61%	0.19%	0.00%	10.49%
2015	46.08	255,23 9	67,796	255,23 9	228,82 5	26,824	63%	0.16%	0.00%	10.51%
2016	52.27	287,05 4	67,447	287,05 4	254,34 9	26,692	63%	-2.09%	0.00%	9.30%
2017	51.48	305,20 4	61,512	304,28 6	274,45 1	30,108	67%	0.09%	0.30%	9.89%
2018	54.99	316,63 1	70,670	315,41 2	284,46 3	31,488	65%	0.17%	0.38%	9.98%
2019	56.28	331,35 5	62,903	330,02 8	298,76 6	31,792	67%	0.16%	0.40%	9.63%
2020	57.86	340,28 9	41,620	338,85 9	307,28 4	32,275	67%	0.21%	0.42%	9.52%
2021	62.76	348,95 9	73,995	347,03 1	316,54 3	32,416	63%	0.56%	0.55%	9.34%
2022	60.51	367,00 1	51,206	364,82 9	333,82 4	31,647	69%	0.18%	0.59%	8.67%
2023	63.78	392,26 8	70,288	389,40 8	356,54 9	33,184	70%	0.08%	0.73%	8.52%
2024	76.18	441,34 6	104,18 0	437,76 3	399,80 9	37,497	66%	-0.10%	0.81%	8.57%

The historical Coincident Peak Demand is derived from metered quantities from the WESM. The Peak Demand rose from 63.78 MW in 2023 to 76.18 MW in 2024, reflecting an increase of 19.45%. This significant rise in demand is primarily attributed to ongoing development within the province, as well as the impacts of the EL Niño phenomenon in the country. As a result, the MWh Offtake grew from 392,268 MWh in 2023 to 441,346 MWh in 2024, marking an increase of 12.51%. However, over the same period, the Load Factor declined from 70% in 2023 to 66% in 2024.

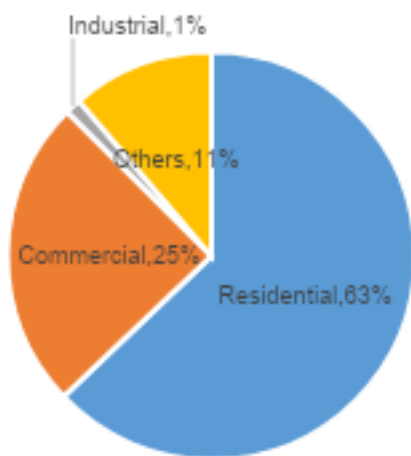


MWh Output increased from year 2023 to year 2024 at a rate of 12.13%, while MWh System Loss increased at a rate of 13% within the same period.



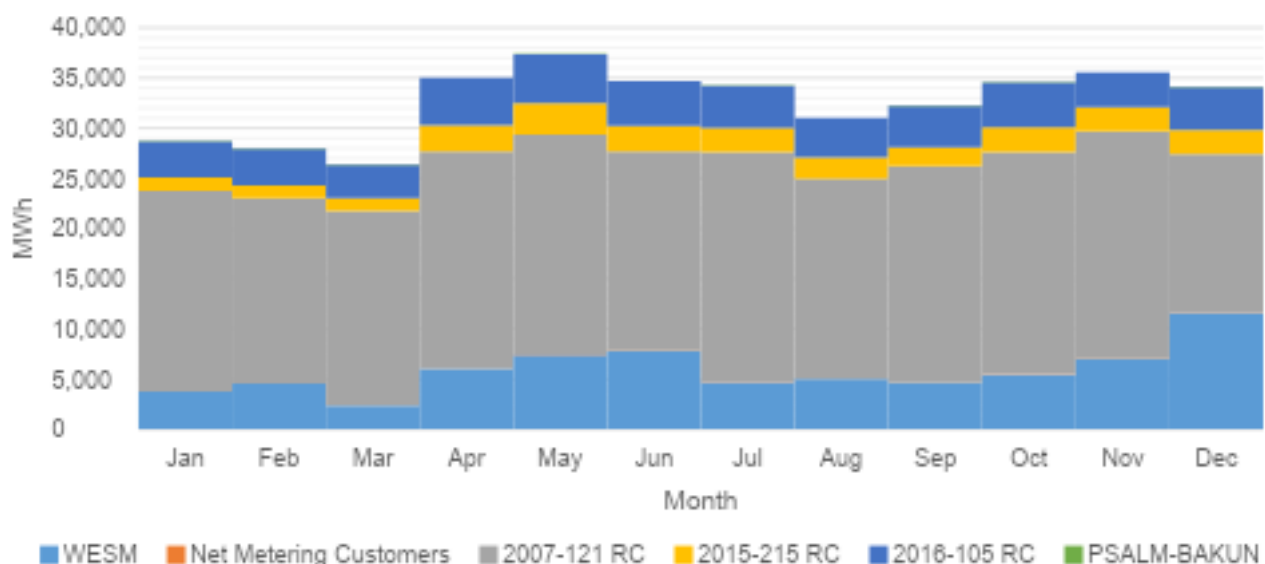
Historically, Transmission Loss ranged from 0.30% to 0.81% while System Loss ranged from 14.13% to 8.52%. Transmission Loss peaked at 0.81% on year 2024. System Loss peaked at 14.13% on year 2006.

Previous Year's Shares of Energy Sales

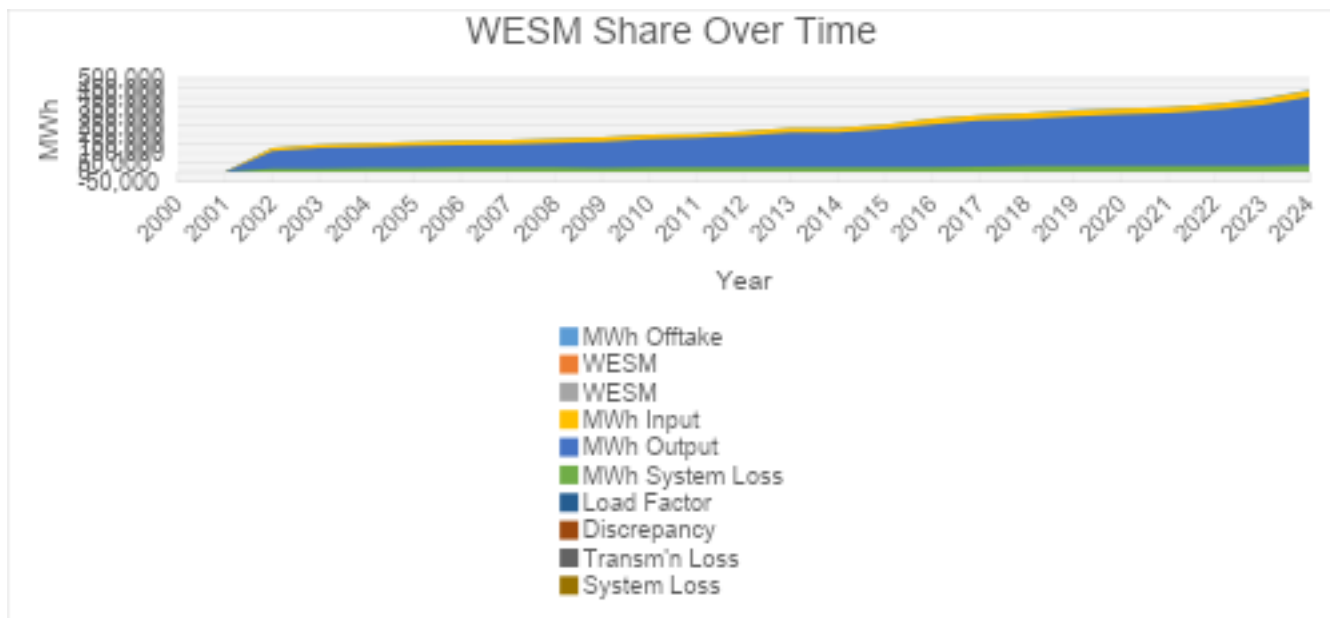


Residential customers account for the bulk of energy sales at 62.91% due to high number of connections. In contrast, Industrial customers accounted for only 1.25% of energy sales due to the low number of connections. There was a decrease in MWh sales of Industrial customers in 2024 as compared from 2023.

MWh Offtake for Last Historical Year



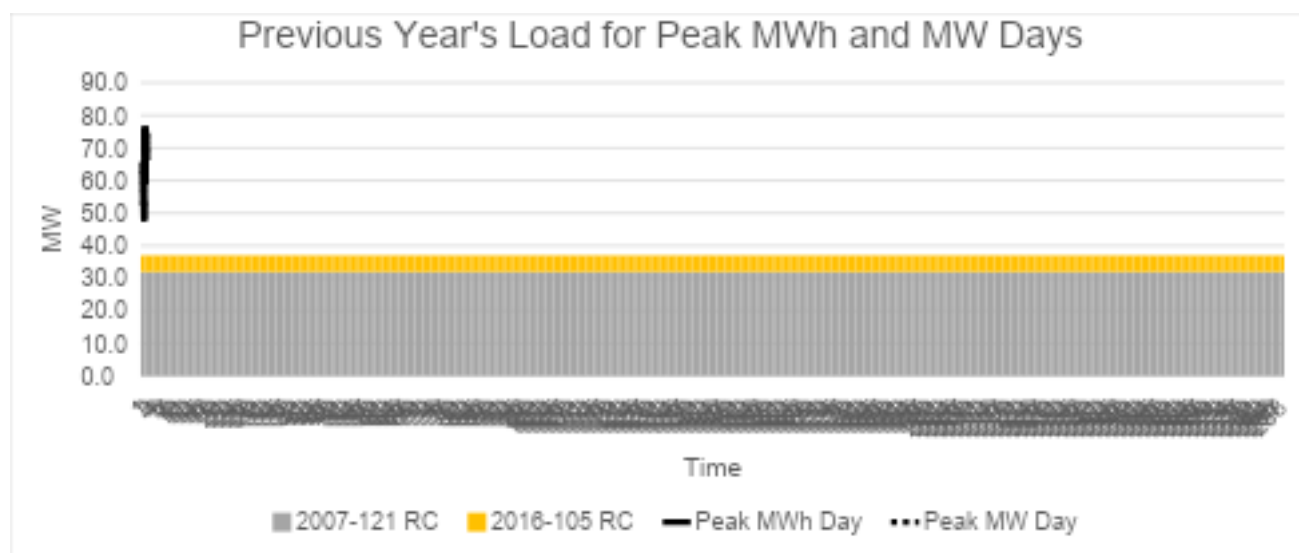
For 2024, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with GNPower Mariveles Energy Center Ltd. Co. (GMEC) previously known as GnPower Mariveles Coal Plant Ltd. Co. accounts for the bulk of MWh Offtake.



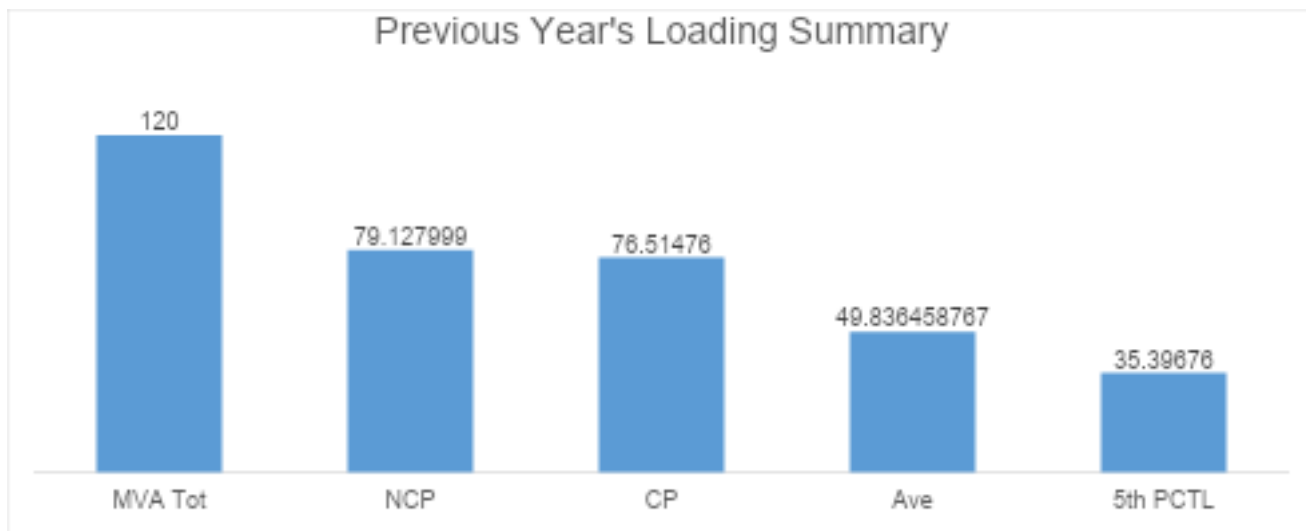
WESM Offtake increased from 70,288 MWh in 2023 to 104,180 MWh in 2024 at a rate of 48.22%. The increase in WESM Offtake is driven by the significant rise in demand and greater exposure to the WESM. Additionally, the lack of an immediate replacement for the terminated contract with MPCL, particularly in February 2024, following the Alyansa Ruling, contributed to the situation. The share of WESM in the total Offtake ranged from 0.87% to 58.19%.

Previous Year's Load Profile

The previous year's load profile is based on data from the NGCP. According to the Load Duration Curve, the minimum load was 47.63 MW, while the maximum load reached 76.51 MW for the most recent historical year.



Peak MW and daily MWh were recorded in April, driven by hot weather conditions that led to higher air conditioning usage. As shown in the Load Curves, the available supply is lower than the Peak Demand.



The Non-coincident Peak Demand is 79.13 MW, which is around 65.94% of the total substation capacity of 120 MVA at a power factor of 99.33%. The load factor or the ratio between the Average Load of 49.84 MW and the Non-Coincident Peak Demand is 79.13% of. A safe estimate of the true minimum load is the fifth percentile load of 35.40 MW which is 44.73% of the Non-Coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
CANDON S/S	25	21.22
VIGAN S/S	30	25.07
STO. DOMINGO S/S	20	7.56
NARVACAN S/S	20	11.26
SANTIAGO S/S	10	5.29
CABUGAO S/S	15	8.74

The substation loaded at above 70% are Candon and Vigan Substation. This loading problem will be solved by the proposed installation of additional 20 MVA substation for Candon and Bantay substation respectively.

Forecasted Consumption Data

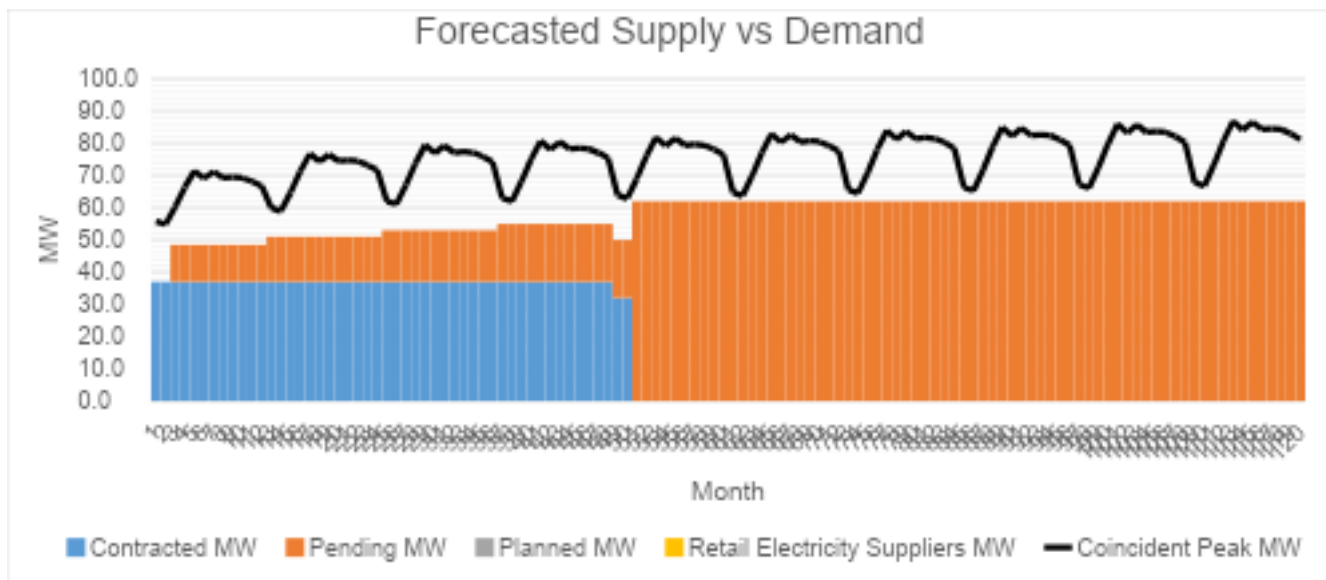
		Coincident Peak MW	Contracte d MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contractin g Level	Target Contractin g Level	MW Surplus / Deficit
2025	Jan	55.74	37.00	0.00	0.000		66%	66%	-18.74
	Feb	54.86	37.00	0.00	0.000		67%	67%	-17.86
	Mar	60.25	37.00	11.50	0.000		61%	80%	-11.75
	Apr	66.38	37.00	11.50	0.000		56%	73%	-17.88
	May	71.44	37.00	11.50	0.000		52%	68%	-22.94
	Jun	69.09	37.00	11.50	0.000		54%	70%	-20.59
	Jul	71.18	37.00	11.50	0.000		52%	68%	-22.68
	Aug	69.27	37.00	11.50	0.000		53%	70%	-20.77
	Sep	69.49	37.00	11.50	0.000		53%	70%	-20.99
	Oct	69.28	37.00	11.50	0.000		53%	70%	-20.78
	Nov	68.17	37.00	11.50	0.000		54%	71%	-19.67
	Dec	66.71	37.00	11.50	0.000		55%	73%	-18.21
2026	Jan	59.90	37.00	14.00	0.000		62%	85%	-8.90
	Feb	58.96	37.00	14.00	0.000		63%	87%	-7.96
	Mar	64.75	37.00	14.00	0.000		57%	79%	-13.75
	Apr	71.34	37.00	14.00	0.000		52%	71%	-20.34
	May	76.78	37.00	14.00	0.000		48%	66%	-25.78
	Jun	74.25	37.00	14.00	0.000		50%	69%	-23.25
	Jul	76.50	37.00	14.00	0.000		48%	67%	-25.50
	Aug	74.44	37.00	14.00	0.000		50%	69%	-23.44
	Sep	74.68	37.00	14.00	0.000		50%	68%	-23.68
	Oct	74.45	37.00	14.00	0.000		50%	68%	-23.45
	Nov	73.27	37.00	14.00	0.000		51%	70%	-22.27
	Dec	71.70	37.00	14.00	0.000		52%	71%	-20.70
2027	Jan	62.06	37.00	16.00	0.000		60%	85%	-9.06
	Feb	61.08	37.00	16.00	0.000		61%	87%	-8.08
	Mar	67.09	37.00	16.00	0.000		55%	79%	-14.09
	Apr	73.91	37.00	16.00	0.000		50%	72%	-20.91
	May	79.54	37.00	16.00	0.000		47%	67%	-26.54

	Jun	76.93	37.00	16.00	0.000		48%	69%	-23.93
	Jul	79.25	37.00	16.00	0.000		47%	67%	-26.25
	Aug	77.12	37.00	16.00	0.000		48%	69%	-24.12
	Sep	77.37	37.00	16.00	0.000		48%	68%	-24.37
	Oct	77.14	37.00	16.00	0.000		48%	69%	-24.14
	Nov	75.91	37.00	16.00	0.000		49%	70%	-22.91
	Dec	74.28	37.00	16.00	0.000		50%	71%	-21.28
2028	Jan	63.00	37.00	18.00	0.000		59%	87%	-8.00
	Feb	62.01	37.00	18.00	0.000		60%	89%	-7.01
	Mar	68.10	37.00	18.00	0.000		54%	81%	-13.10
	Apr	75.03	37.00	18.00	0.000		49%	73%	-20.03
	May	80.75	37.00	18.00	0.000		46%	68%	-25.75
	Jun	78.09	37.00	18.00	0.000		47%	70%	-23.09
	Jul	80.45	37.00	18.00	0.000		46%	68%	-25.45
	Aug	78.29	37.00	18.00	0.000		47%	70%	-23.29
	Sep	78.55	37.00	18.00	0.000		47%	70%	-23.55
	Oct	78.30	37.00	18.00	0.000		47%	70%	-23.30
	Nov	77.05	37.00	18.00	0.000		48%	71%	-22.05
	Dec	75.40	37.00	18.00	0.000		49%	73%	-20.40
2029	Jan	63.90	32.00	18.00	0.000		50%	78%	-13.90
	Feb	62.89	32.00	18.00	0.000		51%	80%	-12.89
	Mar	69.07	0.00	62.00	0.000		0%	90%	-7.07
	Apr	76.09	0.00	62.00	0.000		0%	81%	-14.09
	May	81.90	0.00	62.00	0.000		0%	76%	-19.90
	Jun	79.20	0.00	62.00	0.000		0%	78%	-17.20
	Jul	81.60	0.00	62.00	0.000		0%	76%	-19.60
	Aug	79.41	0.00	62.00	0.000		0%	78%	-17.41
	Sep	79.66	0.00	62.00	0.000		0%	78%	-17.66
	Oct	79.42	0.00	62.00	0.000		0%	78%	-17.42
	Nov	78.15	0.00	62.00	0.000		0%	79%	-16.15
	Dec	76.48	0.00	62.00	0.000		0%	81%	-14.48
2030	Jan	64.75	0.00	62.00	0.000		0%	96%	-2.75
	Feb	63.73	0.00	62.00	0.000		0%	97%	-1.73
	Mar	69.99	0.00	62.00	0.000		0%	89%	-7.99
	Apr	77.11	0.00	62.00	0.000		0%	80%	-15.11

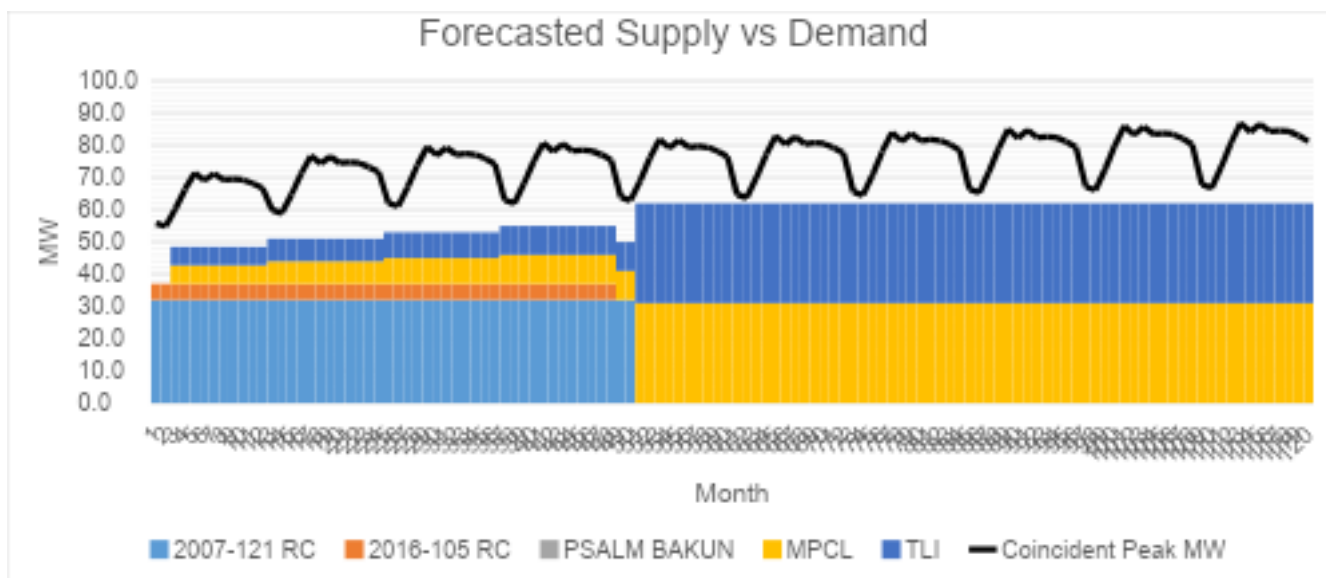
	May	82.99	0.00	62.00	0.000		0%	75%	-20.99
	Jun	80.27	0.00	62.00	0.000		0%	77%	-18.27
	Jul	82.69	0.00	62.00	0.000		0%	75%	-20.69
	Aug	80.47	0.00	62.00	0.000		0%	77%	-18.47
	Sep	80.73	0.00	62.00	0.000		0%	77%	-18.73
	Oct	80.48	0.00	62.00	0.000		0%	77%	-18.48
	Nov	79.20	0.00	62.00	0.000		0%	78%	-17.20
	Dec	77.50	0.00	62.00	0.000		0%	80%	-15.50
2031	Jan	65.57	0.00	62.00	0.000		0%	95%	-3.57
	Feb	64.54	0.00	62.00	0.000		0%	96%	-2.54
	Mar	70.88	0.00	62.00	0.000		0%	87%	-8.88
	Apr	78.09	0.00	62.00	0.000		0%	79%	-16.09
	May	84.04	0.00	62.00	0.000		0%	74%	-22.04
	Jun	81.28	0.00	62.00	0.000		0%	76%	-19.28
	Jul	83.74	0.00	62.00	0.000		0%	74%	-21.74
	Aug	81.49	0.00	62.00	0.000		0%	76%	-19.49
	Sep	81.75	0.00	62.00	0.000		0%	76%	-19.75
	Oct	81.50	0.00	62.00	0.000		0%	76%	-19.50
	Nov	80.20	0.00	62.00	0.000		0%	77%	-18.20
	Dec	78.48	0.00	62.00	0.000		0%	79%	-16.48
2032	Jan	66.36	0.00	62.00	0.000		0%	93%	-4.36
	Feb	65.31	0.00	62.00	0.000		0%	95%	-3.31
	Mar	71.73	0.00	62.00	0.000		0%	86%	-9.73
	Apr	79.02	0.00	62.00	0.000		0%	78%	-17.02
	May	85.05	0.00	62.00	0.000		0%	73%	-23.05
	Jun	82.25	0.00	62.00	0.000		0%	75%	-20.25
	Jul	84.74	0.00	62.00	0.000		0%	73%	-22.74
	Aug	82.46	0.00	62.00	0.000		0%	75%	-20.46
	Sep	82.73	0.00	62.00	0.000		0%	75%	-20.73
	Oct	82.47	0.00	62.00	0.000		0%	75%	-20.47
	Nov	81.16	0.00	62.00	0.000		0%	76%	-19.16
	Dec	79.42	0.00	62.00	0.000		0%	78%	-17.42
2033	Jan	67.11	0.00	62.00	0.000		0%	92%	-5.11
	Feb	66.05	0.00	62.00	0.000		0%	94%	-4.05
	Mar	72.55	0.00	62.00	0.000		0%	85%	-10.55

	Apr	79.92	0.00	62.00	0.000		0%	78%	-17.92
	May	86.02	0.00	62.00	0.000		0%	72%	-24.02
	Jun	83.19	0.00	62.00	0.000		0%	75%	-21.19
	Jul	85.70	0.00	62.00	0.000		0%	72%	-23.70
	Aug	83.40	0.00	62.00	0.000		0%	74%	-21.40
	Sep	83.67	0.00	62.00	0.000		0%	74%	-21.67
	Oct	83.41	0.00	62.00	0.000		0%	74%	-21.41
	Nov	82.08	0.00	62.00	0.000		0%	76%	-20.08
	Dec	80.32	0.00	62.00	0.000		0%	77%	-18.32
2034	Jan	67.84	0.00	62.00	0.000		0%	91%	-5.84
	Feb	66.77	0.00	62.00	0.000		0%	93%	-4.77
	Mar	73.33	0.00	62.00	0.000		0%	85%	-11.33
	Apr	80.79	0.00	62.00	0.000		0%	77%	-18.79
	May	86.95	0.00	62.00	0.000		0%	71%	-24.95
	Jun	84.09	0.00	62.00	0.000		0%	74%	-22.09
	Jul	86.63	0.00	62.00	0.000		0%	72%	-24.63
	Aug	84.31	0.00	62.00	0.000		0%	74%	-22.31
	Sep	84.58	0.00	62.00	0.000		0%	73%	-22.58
	Oct	84.32	0.00	62.00	0.000		0%	74%	-22.32
	Nov	82.97	0.00	62.00	0.000		0%	75%	-20.97
	Dec	81.20	0.00	62.00	0.000		0%	76%	-19.20

The Peak Demand was forecasted using a Logarithmic Trend ($Y = a + b(\log(t))^2$), with the assumption that it would occur in the billing month of May, driven by higher electricity demand during the summer season. Overall, the Peak Demand is projected to grow at an average annual rate of 1.92%.



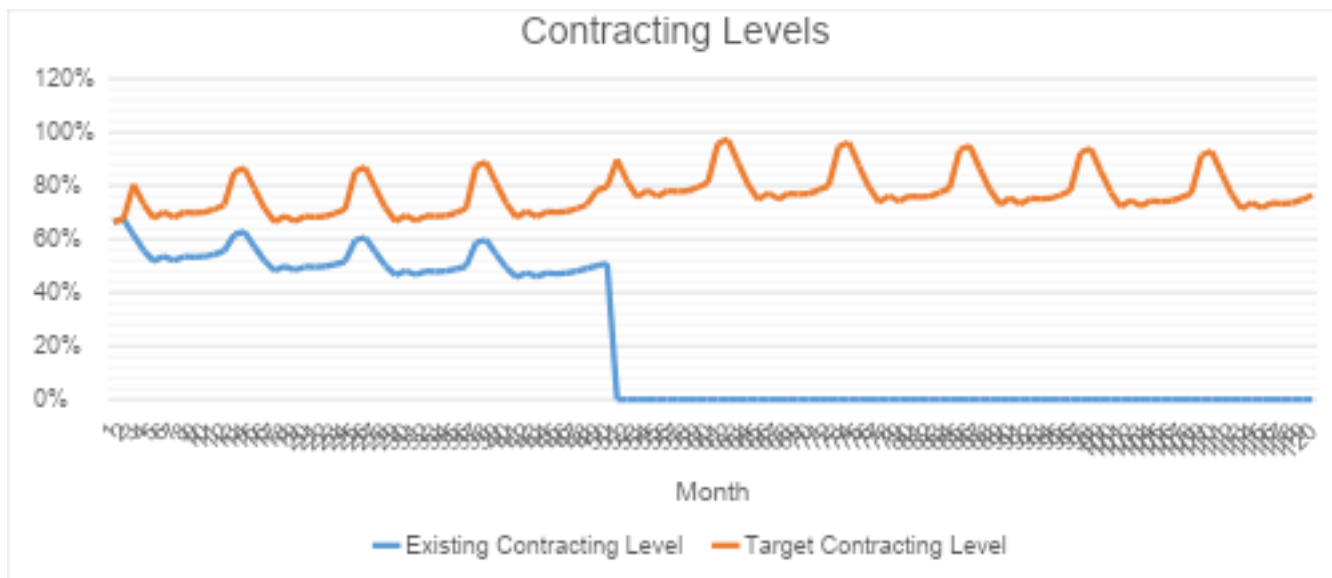
The available supply is generally below the Peak Demand. This is because peak demand will be sourced from WESM.



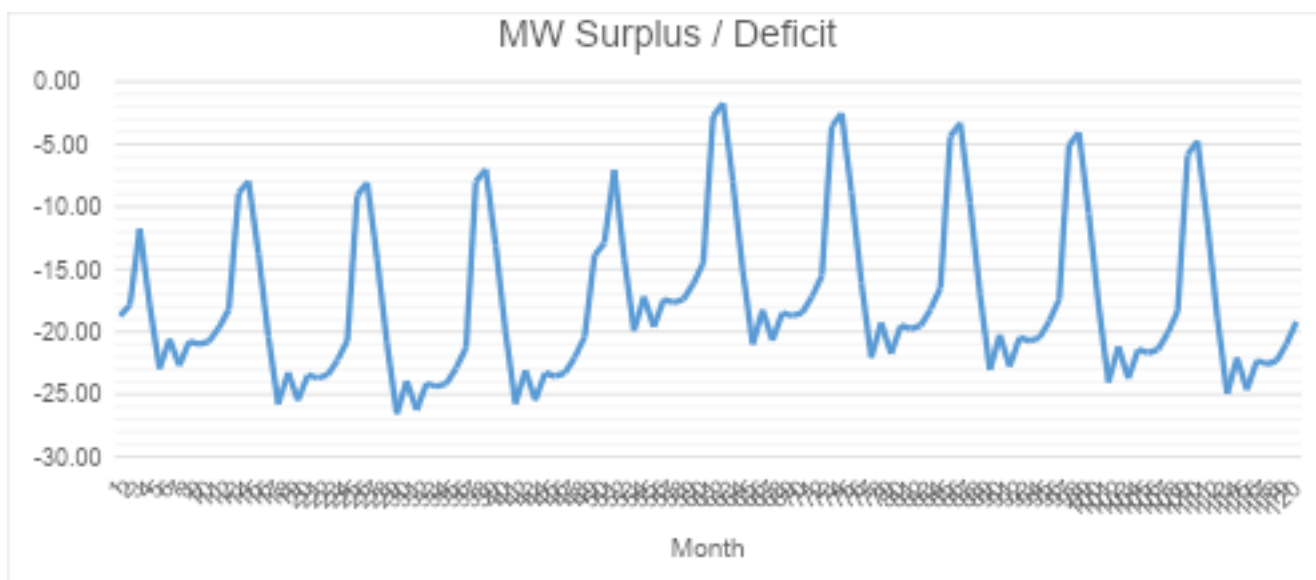
Of the available supply, the largest is 32 MW from GMEC. Lastly, 5 MW from San Miguel Energy Corporation (SMEC).

The PSALM Bakun Hydro Power supplied solely the host barangay in the Municipality of Alilem, Ilocos Sur for Twenty-Five (25) years. This will be expired until June 2028 and planned to be renewed prior to the expiration.

There is an additional contracted capacity starting year 2025 to 2039 to address the uncontracted capacity for the baseload. This is an increasing supply from 11.5 MW to 18 MW planned to be available by the month of February 26, 2025 until February 25, 2029 and it will be followed by 62 MW starting February 26, 2029. The supply will be sourced from Masinloc Power Co. Limited (MPCL) and Therma Luzon Inc. (TLI).



Currently, there is under-contracting by 22.94 MW. The highest target contracting level is 97.29% which is expected to occur on February 2030. The lowest target contracting level is 66.38% which is expected to occur on January 2025.



Currently, there is under-contracting by 22.94 MW. The highest deficit is 26.54 MW which is expected to occur on the month of May 2027. The lowest deficit is 1.73 MW which is expected to occur on the month of February 2030.

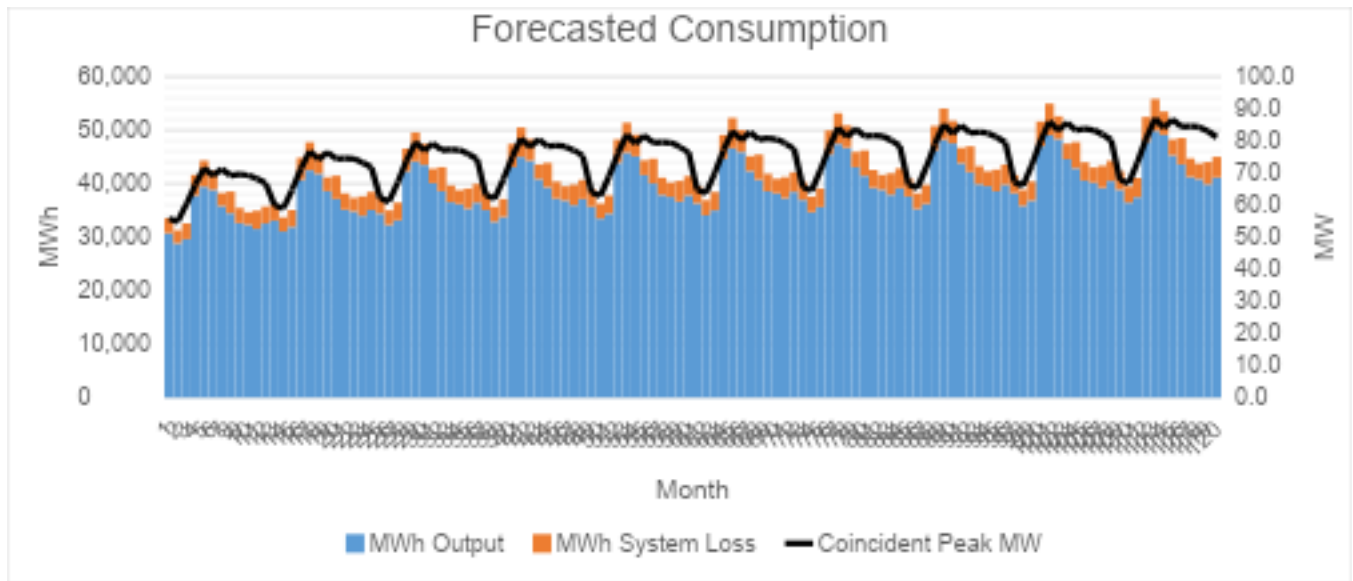
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	33,750	30,732	2,811	0.61%	8.38%
	Feb	31,488	28,829	2,458	0.64%	7.86%
	Mar	32,806	29,620	2,959	0.69%	9.08%
	Apr	41,935	37,785	3,841	0.74%	9.23%
	May	44,651	39,451	4,880	0.72%	11.01%
	Jun	42,722	38,850	3,555	0.74%	8.38%
	Jul	38,776	35,826	2,418	1.37%	6.32%
	Aug	38,819	34,471	4,052	0.76%	10.52%
	Sep	35,709	32,629	2,822	0.72%	7.96%
	Oct	34,925	32,318	2,338	0.77%	6.75%

	Nov	35,218	31,540	3,403	0.78%	9.74%
	Dec	36,001	32,553	3,154	0.81%	8.83%
2026	Jan	36,348	33,109	3,017	0.61%	8.35%
	Feb	33,912	31,058	2,638	0.64%	7.83%
	Mar	35,331	31,910	3,176	0.69%	9.05%
	Apr	45,163	40,707	4,122	0.74%	9.20%
	May	48,088	42,502	5,237	0.73%	10.97%
	Jun	46,011	41,854	3,815	0.74%	8.35%
	Jul	41,760	38,597	2,595	1.36%	6.30%
	Aug	41,807	37,137	4,349	0.77%	10.48%
	Sep	38,457	35,152	3,029	0.72%	7.93%
	Oct	37,613	34,817	2,509	0.76%	6.72%
	Nov	37,929	33,979	3,652	0.78%	9.71%
	Dec	38,772	35,071	3,386	0.82%	8.80%
2027	Jan	37,758	34,405	3,123	0.61%	8.32%
	Feb	35,228	32,273	2,731	0.64%	7.80%
	Mar	36,702	33,159	3,288	0.70%	9.02%
	Apr	46,916	42,301	4,267	0.74%	9.16%
	May	49,953	44,165	5,421	0.73%	10.93%
	Jun	47,796	43,492	3,949	0.74%	8.32%
	Jul	43,381	40,108	2,687	1.35%	6.28%
	Aug	43,429	38,590	4,502	0.78%	10.45%
	Sep	39,949	36,528	3,135	0.72%	7.90%
	Oct	39,072	36,180	2,597	0.75%	6.70%
	Nov	39,401	35,309	3,781	0.79%	9.67%
	Dec	40,276	36,443	3,505	0.82%	8.77%
2028	Jan	38,453	35,050	3,169	0.61%	8.29%
	Feb	35,877	32,879	2,771	0.63%	7.77%
	Mar	37,378	33,781	3,337	0.70%	8.99%
	Apr	47,780	43,094	4,331	0.74%	9.13%
	May	50,874	44,994	5,502	0.74%	10.90%
	Jun	48,677	44,308	4,008	0.74%	8.30%
	Jul	44,180	40,860	2,727	1.34%	6.26%
	Aug	44,229	39,314	4,569	0.78%	10.41%
	Sep	40,685	37,213	3,182	0.71%	7.88%
	Oct	39,792	36,859	2,636	0.75%	6.67%
	Nov	40,126	35,971	3,837	0.79%	9.64%
	Dec	41,018	37,127	3,557	0.82%	8.74%
2029	Jan	39,142	35,689	3,215	0.61%	8.26%
	Feb	36,519	33,478	2,811	0.63%	7.75%
	Mar	38,048	34,397	3,385	0.70%	8.96%
	Apr	48,635	43,880	4,393	0.75%	9.10%
	May	51,785	45,814	5,581	0.75%	10.86%
	Jun	49,548	45,116	4,066	0.74%	8.27%
	Jul	44,971	41,605	2,766	1.33%	6.23%
	Aug	45,021	40,031	4,634	0.79%	10.38%
	Sep	41,414	37,892	3,228	0.71%	7.85%
	Oct	40,504	37,531	2,674	0.74%	6.65%
	Nov	40,845	36,627	3,892	0.80%	9.61%
	Dec	41,753	37,804	3,608	0.82%	8.71%
2030	Jan	39,826	36,325	3,260	0.61%	8.23%

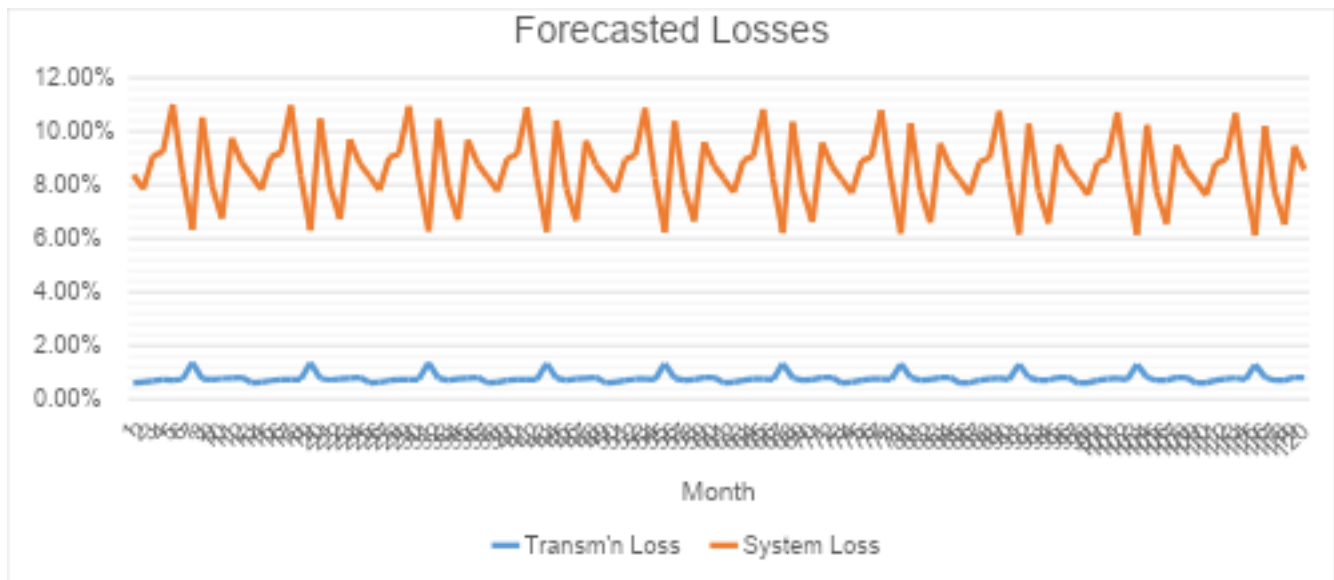
	Feb	37,157	34,075	2,850	0.63%	7.72%
	Mar	38,712	35,010	3,432	0.70%	8.93%
	Apr	49,485	44,661	4,454	0.75%	9.07%
	May	52,689	46,630	5,659	0.76%	10.82%
	Jun	50,414	45,920	4,122	0.74%	8.24%
	Jul	45,757	42,346	2,804	1.32%	6.21%
	Aug	45,807	40,744	4,699	0.80%	10.34%
	Sep	42,137	38,567	3,273	0.71%	7.82%
	Oct	41,212	38,199	2,711	0.73%	6.63%
	Nov	41,559	37,279	3,947	0.80%	9.57%
	Dec	42,482	38,477	3,658	0.82%	8.68%
2031	Jan	40,507	36,959	3,304	0.60%	8.21%
	Feb	37,793	34,669	2,889	0.62%	7.69%
	Mar	39,375	35,621	3,478	0.70%	8.90%
	Apr	50,332	45,440	4,515	0.75%	9.04%
	May	53,591	47,443	5,736	0.77%	10.79%
	Jun	51,277	46,721	4,178	0.74%	8.21%
	Jul	46,539	43,085	2,842	1.32%	6.19%
	Aug	46,591	41,455	4,763	0.80%	10.31%
	Sep	42,858	39,240	3,317	0.70%	7.79%
	Oct	41,917	38,865	2,748	0.72%	6.60%
	Nov	42,270	37,930	4,000	0.80%	9.54%
	Dec	43,209	39,148	3,708	0.82%	8.65%
2032	Jan	41,188	37,592	3,348	0.60%	8.18%
	Feb	38,428	35,263	2,927	0.62%	7.67%
	Mar	40,037	36,231	3,524	0.70%	8.87%
	Apr	51,178	46,219	4,574	0.75%	9.01%
	May	54,492	48,257	5,812	0.78%	10.75%
	Jun	52,138	47,521	4,234	0.74%	8.18%
	Jul	47,322	43,823	2,880	1.31%	6.17%
	Aug	47,374	42,165	4,826	0.81%	10.27%
	Sep	43,579	39,912	3,361	0.70%	7.77%
	Oct	42,622	39,532	2,784	0.72%	6.58%
	Nov	42,980	38,580	4,053	0.81%	9.51%
	Dec	43,936	39,819	3,757	0.82%	8.62%
2033	Jan	41,870	38,227	3,391	0.60%	8.15%
	Feb	39,065	35,859	2,965	0.62%	7.64%
	Mar	40,699	36,843	3,570	0.70%	8.83%
	Apr	52,025	47,000	4,634	0.75%	8.97%
	May	55,394	49,072	5,887	0.79%	10.71%
	Jun	53,002	48,324	4,289	0.73%	8.15%
	Jul	48,105	44,563	2,917	1.30%	6.14%
	Aug	48,159	42,877	4,888	0.82%	10.23%
	Sep	44,300	40,586	3,404	0.70%	7.74%
	Oct	43,328	40,199	2,820	0.71%	6.56%
	Nov	43,692	39,232	4,106	0.81%	9.47%
	Dec	44,663	40,492	3,806	0.82%	8.59%
2034	Jan	42,555	38,865	3,434	0.60%	8.12%
	Feb	39,703	36,457	3,003	0.61%	7.61%
	Mar	41,365	37,458	3,616	0.70%	8.80%
	Apr	52,876	47,784	4,693	0.75%	8.94%

	May	56,300	49,890	5,962	0.79%	10.67%
	Jun	53,868	49,130	4,343	0.73%	8.12%
	Jul	48,892	45,307	2,955	1.29%	6.12%
	Aug	48,946	43,593	4,951	0.82%	10.20%
	Sep	45,025	41,263	3,448	0.70%	7.71%
	Oct	44,036	40,870	2,856	0.70%	6.53%
	Nov	44,406	39,886	4,158	0.82%	9.44%
	Dec	45,393	41,167	3,854	0.82%	8.56%

MWh Offtake was forecasted using logarithmic trend ($Y = a + b(\log(t))^2$).



MWh Output was expected to grow at an average rate of 2.66% annually.



Transmission Loss is expected to range from 0.60% to 1.37% while System Loss is expected to range from 6.12% to 11.01%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2007-121 RC	Base	GN Power Mariveles Coal Plant Ltd.	17.18	168,753	02/26/2014	2/25/2029
2016-105 RC	Base	San Miguel Energy Corporation	1.75	12,390	12/26/2018	12/25/2028
PSALM BAKUN	Base	Power Sector Assets and Liabilities Management Corporation			6/16/2003	6/15/2028

The PSA with GnPower Mariveles Energy Center Ltd Co. previously known GN Power Mariveles Coal Plant Ltd. was filed with ERC under Case No. 2007-121 RC. It was selected to provide for base requirements due to increasing demand of electricity. Historically, the utilization of the PSA is 98.30%. Outages of the plant led to unserved energy of around 41,828.93 MWh in the past year.

The PSA with San Miguel Energy Corporation filed with ERC under Case No. 2016-105 RC was procured to supply the baseload requirement due to increasing demand. Historically, the utilization of the PSA is 76.29%.

The Power Supply Assets and Liabilities Management Corporation (PSALM) supplied some barangays of the municipality of Alilem from Luzon Hydro Corporation located at Barangay Amilongan, Alilem. This will supply the host barangay in the Municipality of Alilem, Ilocos Sur.

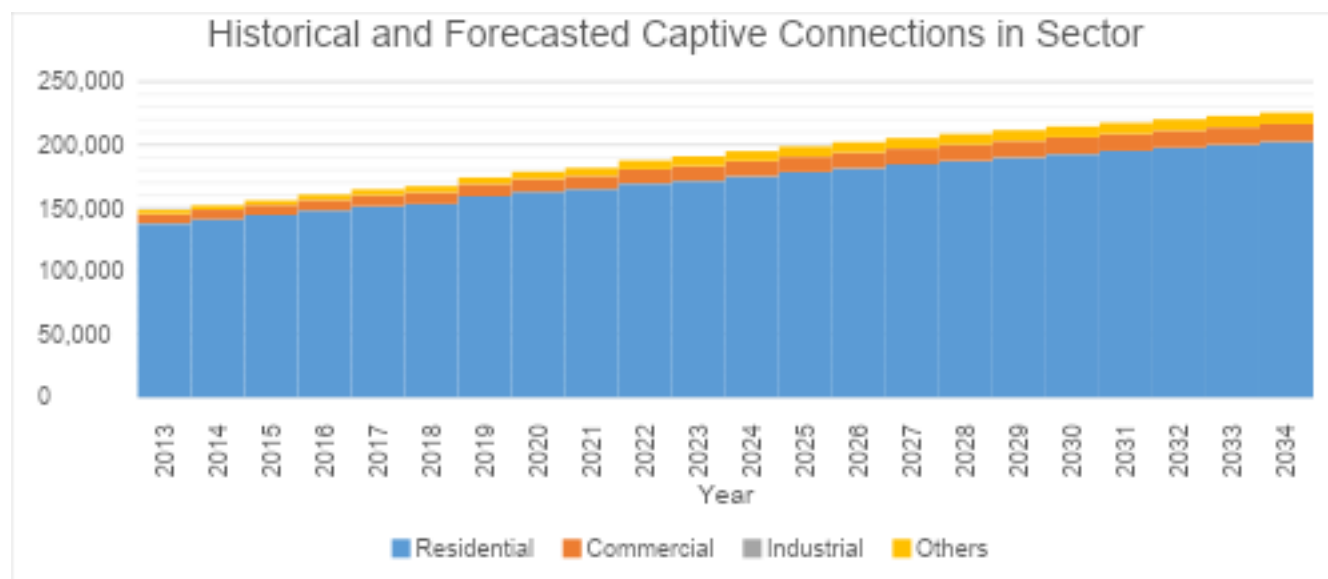
Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
MPCL	Base	Masinloc Power Partners Company, Ltd.	5.75	32,741	2/26/2025	12/25/2039
TLI	Base	Therma Luzon, Inc.	5.75	32,741	2/26/2025	12/25/2039

There is an additional contracted capacity starting year 2025 to 2039 to address the uncontracted capacity for the baseload. This is an increasing supply from 11.5 MW to 18 MW planned to be available by the month of February 26, 2025 until February 25, 2029 and it will be followed by 62 MW starting February 26, 2029. The supply will be equally sourced from Masinloc Power Co. Limited (MPCL) and Therma Luzon Inc. (TLI).

Year	Contracted Capacity, MW	
	MPCL	TLI
2025	5.75	5.75
2026	7.00	7.00
2027	8.00	8.00
2028	9.00	9.00
2029-2039	31.00	31.00

With the recently concluded Competitive Selection Process (CSP) conducted by NEA for the Luzon EC's Aggregation, ISECO has no schedule CSP for this year.

Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 1.47% annually. Said customer class is expected to account for 62.89% of the total consumption.