



MOUNTAIN PROVINCE ELECTRIC COOPERATIVE, INC.

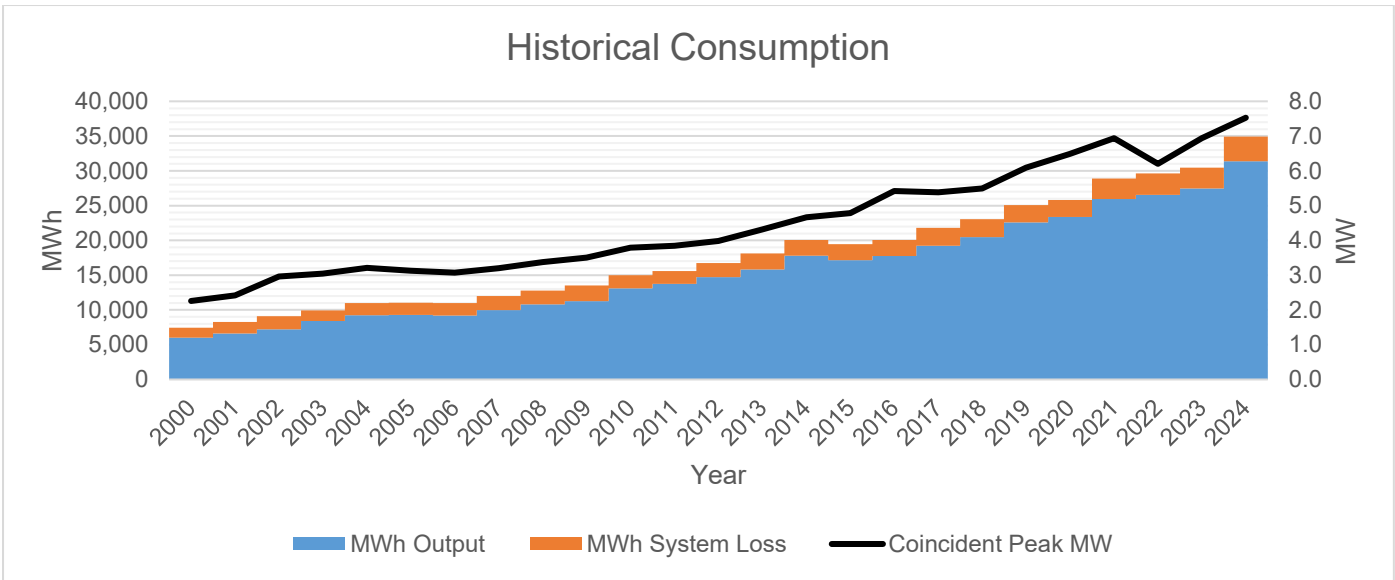
Power Supply Procurement Plan [2025]

[LUZON GRID]

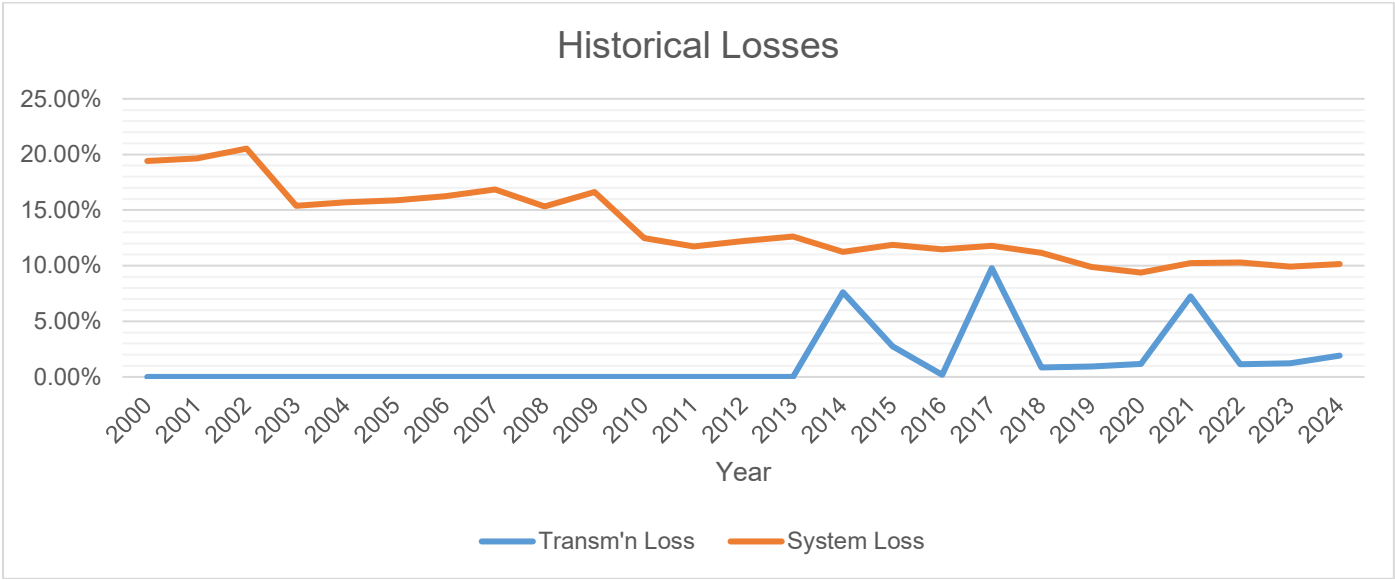
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	2.26	0	0	7,458	6,010	1,448	38%	0.00%	#DIV/0!	19.41%
2001	2.42	0	0	8,258	6,636	1,622	39%	0.00%	#DIV/0!	19.64%
2002	2.96	0	0	9,084	7,220	1,864	35%	0.00%	#DIV/0!	20.52%
2003	3.05	0	0	9,931	8,403	1,528	37%	0.00%	#DIV/0!	15.39%
2004	3.21	0	0	10,971	9,250	1,721	39%	0.00%	#DIV/0!	15.69%
2005	3.13	0	0	11,026	9,277	1,749	40%	0.00%	#DIV/0!	15.86%
2006	3.07	0	0	10,989	9,204	1,785	41%	0.00%	#DIV/0!	16.24%
2007	3.20	0	0	12,012	9,987	2,024	43%	0.00%	#DIV/0!	16.85%
2008	3.38	0	0	12,761	10,805	1,956	43%	0.00%	#DIV/0!	15.33%
2009	3.50	0	0	13,528	11,281	2,247	44%	0.00%	#DIV/0!	16.61%
2010	3.79	0	0	14,975	13,105	1,870	45%	0.00%	#DIV/0!	12.49%
2011	3.85	0	0	15,588	13,758	1,830	46%	0.00%	#DIV/0!	11.74%
2012	3.98	0	0	16,744	14,698	2,045	48%	0.00%	#DIV/0!	12.22%
2013	4.31	0	0	18,113	15,824	2,288	48%	0.00%	#DIV/0!	12.63%
2014	4.67	21,700	2,076	20,048	17,793	2,256	49%	0.00%	7.61%	11.25%
2015	4.78	20,009	1,858	19,457	17,145	2,313	46%	0.00%	2.76%	11.89%
2016	5.42	20,112	501	20,073	17,773	2,300	42%	0.00%	0.19%	11.46%
2017	5.38	24,166	-4,875	21,802	19,230	2,572	46%	0.00%	9.78%	11.80%
2018	5.49	23,236	-2,919	23,036	20,464	2,572	48%	0.00%	0.86%	11.17%
2019	6.09	25,298	-6,852	25,063	22,581	2,481	47%	0.00%	0.93%	9.90%
2020	6.49	26,098	-2,928	25,793	23,373	2,420	45%	0.00%	1.17%	9.38%
2021	6.94	31,172	-1,330	28,919	25,964	2,955	48%	0.00%	7.23%	10.22%
2022	6.20	29,954	5,821	29,614	26,570	3,044	54%	0.00%	1.14%	10.28%
2023	6.94	30,849	14,640	30,474	27,455	3,018	50%	0.00%	1.22%	9.91%
2024	7.53	35,615	33,529	34,930	31,389	3,541	53%	0.00%	1.92%	10.14%

Peak Demand increased from 6.94 MW in 2023 to 7.63 MW in 2024 at a rate of 9.94% due to the effect of inrush current brought by one day scheduled interruption of NGCP and power restoration coincides at peak hours triggering the simultaneous energization of connected customers. MWh Offtake increased from 30,849 MWh in 2023 to 35,615 MWh in 2024 at a rate of 15.45% due to the increase in the number of customer connections and booming building construction activities. Within the same period, Load Factor ranged from 50% to 52%. There was an abrupt change in consumption on 2021 due to the transition of covid19 pandemic to new normal. No records obtained for the MWh offtake and WESM during the CY2000-2013 therefore transmission loss cannot be calculated, documents were misplaced during the transfer of office and WESM membership only started on 2009. Due to the missing data for the MWH offtake on year 2000 to 2013 the MWH input was higher over the MWH offtake.

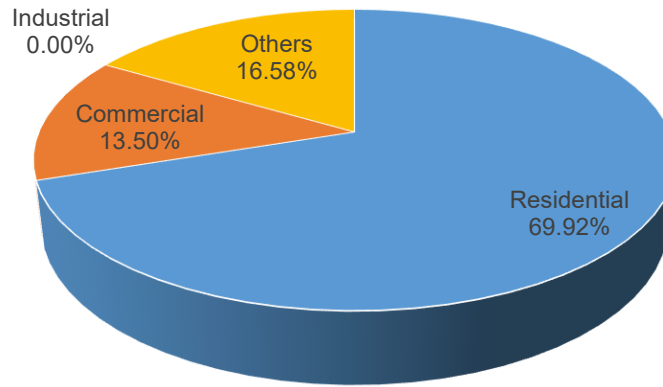


MWh Output increased from year 2023 to year 2024 at a rate of 14.33%, while MWh System Loss increased at a rate of 2.32% within the same period.



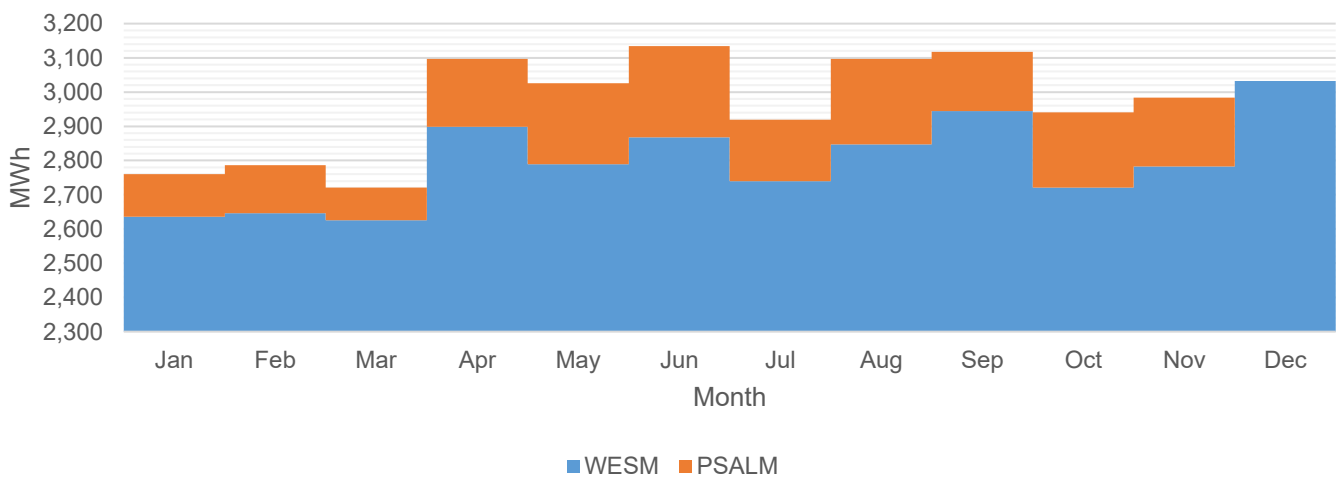
Historically, Transmission Loss ranged from 0.19% to 9.78% while System Loss ranged from 9.38% to 20.52%. Transmission Loss peaked at 9.78% on year 2017. System Loss peaked at 20.52% on year 2002 due to overloaded substation power transformer and centralized maintenance office.

Previous Year's Shares of Energy Sales

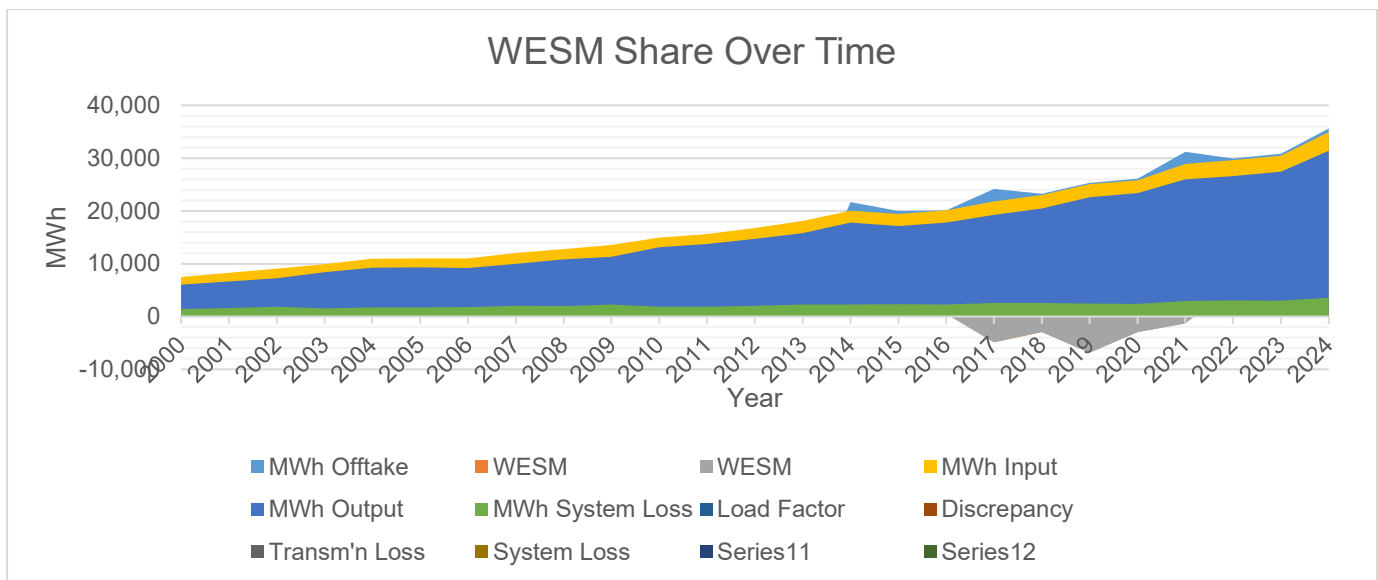


Residential customers account for the bulk of energy sales at 69.92% due to the high number of connections and booming building construction activities. In contrast, Commercial customers accounted for only 13.50% of energy sales due to the low number of connections.

MWh Offtake for Last Historical Year

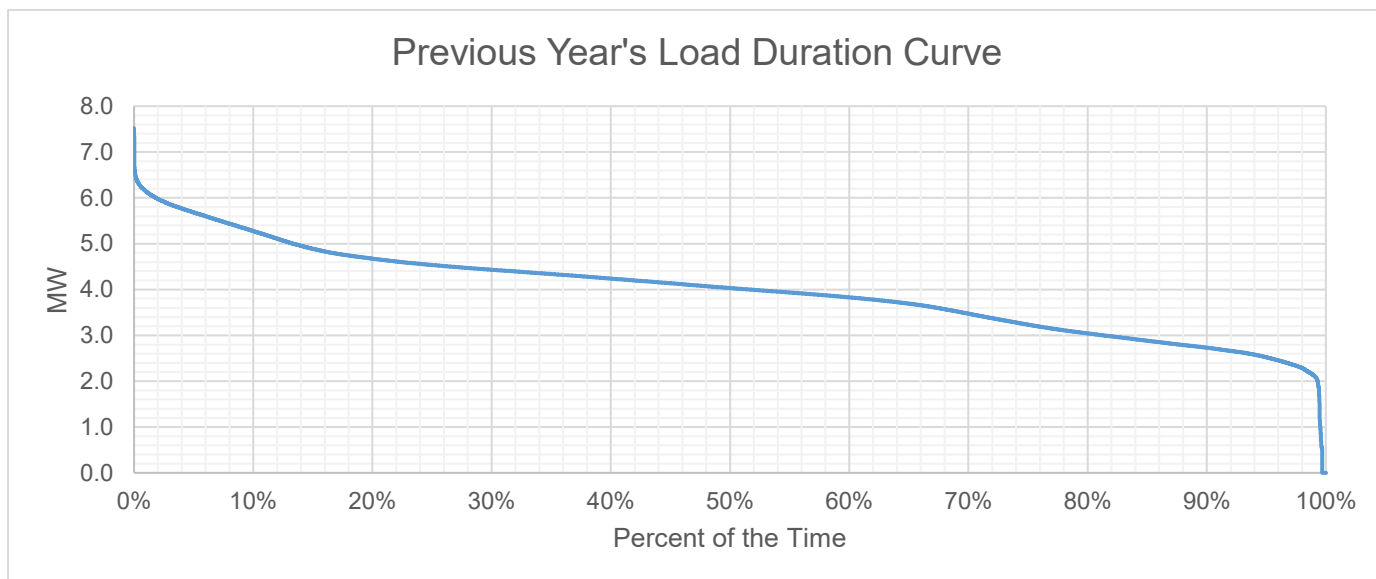


The PSA with Masinloc Power Partners Company Ltd. under ERC Case No. 2015-217RC was included in the 'Alyansa Case' and the delivery of power supply under this PSA was stopped since October 2023. For the last historical year of 2024, the total offtake was sourced from PSALM and WESM with WESM accounting for the bulk of MWh Offtake.

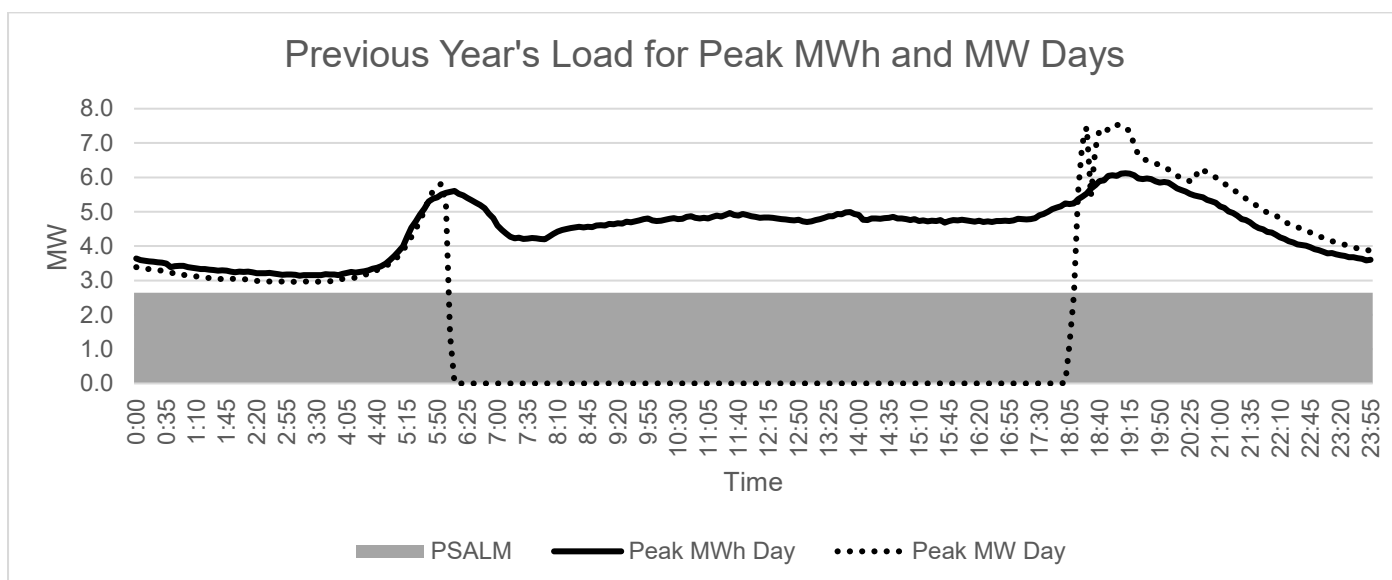


WESM Offtake increased from 14,640 MWh in 2023 to 33,529 MWh in 2024 at a rate of 129.02% due to the termination of the 2015-217RC PSA with MPPCL that took effect on October 27, 2023. The share of WESM in the total Offtake ranged from 2.49% to 94.14%. The net WESM transaction is negative from 2017 to 2021 because the contracted supply is greater than its demand.

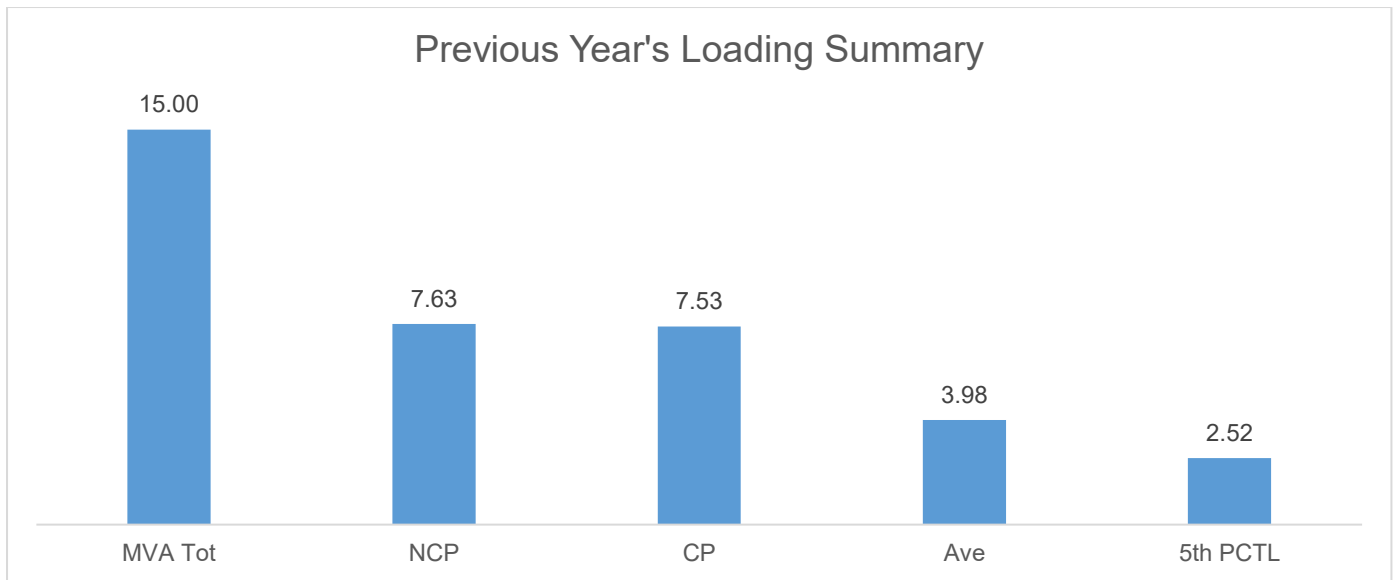
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 0.00252 MW and the maximum load is 7.52808 MW for the last historical year.



Peak MW occurred on April 11, 2024 at 19:05 due to the effect of inrush current brought by one day scheduled interruption of NGCP and power restoration coincides at peak hours triggering the simultaneous energization of connected customers. Peak daily MWh occurred on April 11, 2024 at 19:05 due to simultaneous energy utilization of connected customers. As shown in the Load Curves, the available supply is lower than the Peak Demand.



The Non-coincident Peak Demand is 7.63 MW, which is around 50.87% of the total substation capacity of 15 MVA at a power factor of 50.87%. The load factor or the ratio between the Average Load of 3.98 MW and the Non-coincident Peak Demand is 52.16% of 7.63 MW. A safe estimate of the true minimum load is the fifth percentile load of 2.52 MW which is 33.03% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Ba-ang	10	3.360
Pegeo	5	4.266

The substation loaded at above 70% is the 5MVA Pegeo Substation. This loading problem will be solved by shifting some loads to Ba-ang substation.

Forecasted Consumption Data

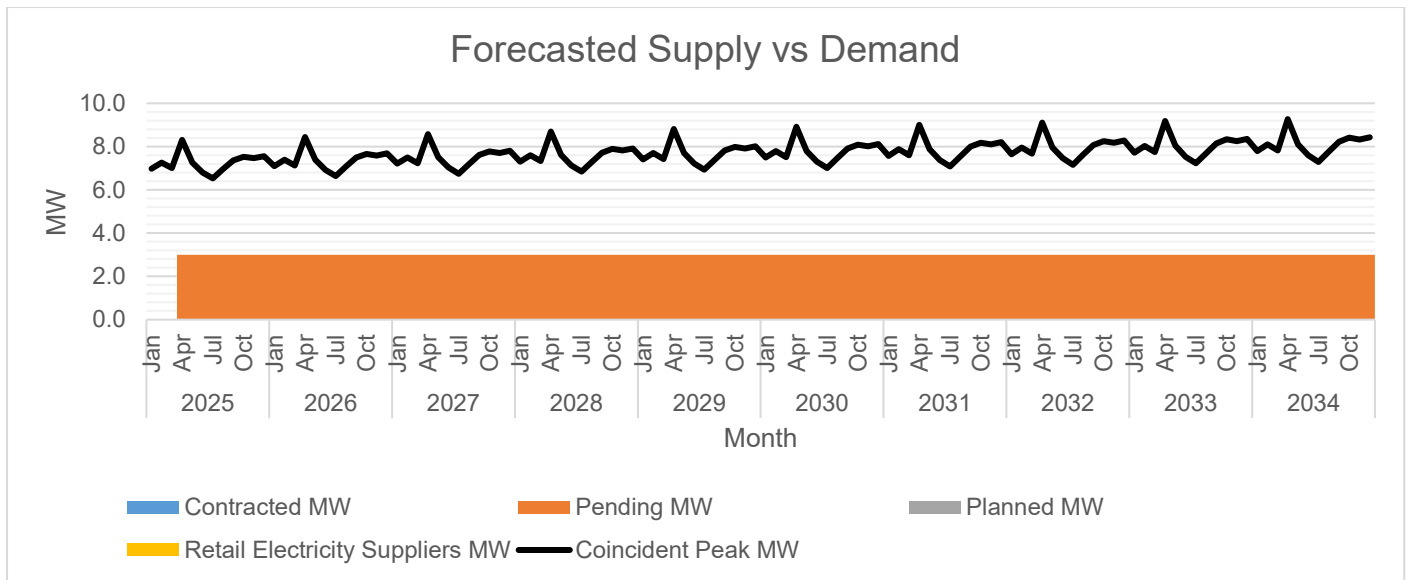
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2025	Jan	6.98	0.00	0.00	0.000		0%	0%	-6.98
	Feb	7.26	0.00	0.00	0.000		0%	0%	-7.26
	Mar	7.00	0.00	0.00	0.000		0%	0%	-7.00
	Apr	8.31	0.00	3.00	0.000		0%	36%	-5.31
	May	7.26	0.00	3.00	0.000		0%	41%	-4.26
	Jun	6.81	0.00	3.00	0.000		0%	44%	-3.81
	Jul	6.53	0.00	3.00	0.000		0%	46%	-3.53
	Aug	6.96	0.00	3.00	0.000		0%	43%	-3.96
	Sep	7.37	0.00	3.00	0.000		0%	41%	-4.37
	Oct	7.53	0.00	3.00	0.000		0%	40%	-4.53
	Nov	7.46	0.00	3.00	0.000		0%	40%	-4.46
	Dec	7.56	0.00	3.00	0.000		0%	40%	-4.56
2026	Jan	7.10	0.00	3.00	0.000		0%	42%	-4.10
	Feb	7.39	0.00	3.00	0.000		0%	41%	-4.39
	Mar	7.12	0.00	3.00	0.000		0%	42%	-4.12
	Apr	8.45	0.00	3.00	0.000		0%	36%	-5.45
	May	7.39	0.00	3.00	0.000		0%	41%	-4.39
	Jun	6.92	0.00	3.00	0.000		0%	43%	-3.92
	Jul	6.64	0.00	3.00	0.000		0%	45%	-3.64
	Aug	7.08	0.00	3.00	0.000		0%	42%	-4.08
	Sep	7.49	0.00	3.00	0.000		0%	40%	-4.49
	Oct	7.66	0.00	3.00	0.000		0%	39%	-4.66
	Nov	7.59	0.00	3.00	0.000		0%	40%	-4.59
	Dec	7.69	0.00	3.00	0.000		0%	39%	-4.69
2027	Jan	7.21	0.00	3.00	0.000		0%	42%	-4.21
	Feb	7.50	0.00	3.00	0.000		0%	40%	-4.50
	Mar	7.23	0.00	3.00	0.000		0%	41%	-4.23
	Apr	8.58	0.00	3.00	0.000		0%	35%	-5.58
	May	7.50	0.00	3.00	0.000		0%	40%	-4.50

	Jun	7.03	0.00	3.00	0.000		0%	43%	-4.03
	Jul	6.75	0.00	3.00	0.000		0%	44%	-3.75
	Aug	7.19	0.00	3.00	0.000		0%	42%	-4.19
	Sep	7.61	0.00	3.00	0.000		0%	39%	-4.61
	Oct	7.78	0.00	3.00	0.000		0%	39%	-4.78
	Nov	7.71	0.00	3.00	0.000		0%	39%	-4.71
	Dec	7.81	0.00	3.00	0.000		0%	38%	-4.81
2028	Jan	7.31	0.00	3.00	0.000		0%	41%	-4.31
	Feb	7.61	0.00	3.00	0.000		0%	39%	-4.61
	Mar	7.34	0.00	3.00	0.000		0%	41%	-4.34
	Apr	8.70	0.00	3.00	0.000		0%	34%	-5.70
	May	7.61	0.00	3.00	0.000		0%	39%	-4.61
	Jun	7.13	0.00	3.00	0.000		0%	42%	-4.13
	Jul	6.84	0.00	3.00	0.000		0%	44%	-3.84
	Aug	7.29	0.00	3.00	0.000		0%	41%	-4.29
	Sep	7.72	0.00	3.00	0.000		0%	39%	-4.72
	Oct	7.89	0.00	3.00	0.000		0%	38%	-4.89
	Nov	7.82	0.00	3.00	0.000		0%	38%	-4.82
	Dec	7.92	0.00	3.00	0.000		0%	38%	-4.92
2029	Jan	7.40	0.00	3.00	0.000		0%	41%	-4.40
	Feb	7.70	0.00	3.00	0.000		0%	39%	-4.70
	Mar	7.43	0.00	3.00	0.000		0%	40%	-4.43
	Apr	8.81	0.00	3.00	0.000		0%	34%	-5.81
	May	7.71	0.00	3.00	0.000		0%	39%	-4.71
	Jun	7.22	0.00	3.00	0.000		0%	42%	-4.22
	Jul	6.93	0.00	3.00	0.000		0%	43%	-3.93
	Aug	7.38	0.00	3.00	0.000		0%	41%	-4.38
	Sep	7.82	0.00	3.00	0.000		0%	38%	-4.82
	Oct	7.99	0.00	3.00	0.000		0%	38%	-4.99
	Nov	7.92	0.00	3.00	0.000		0%	38%	-4.92
	Dec	8.02	0.00	3.00	0.000		0%	37%	-5.02
2030	Jan	7.49	0.00	3.00	0.000		0%	40%	-4.49
	Feb	7.79	0.00	3.00	0.000		0%	38%	-4.79
	Mar	7.52	0.00	3.00	0.000		0%	40%	-4.52
	Apr	8.91	0.00	3.00	0.000		0%	34%	-5.91

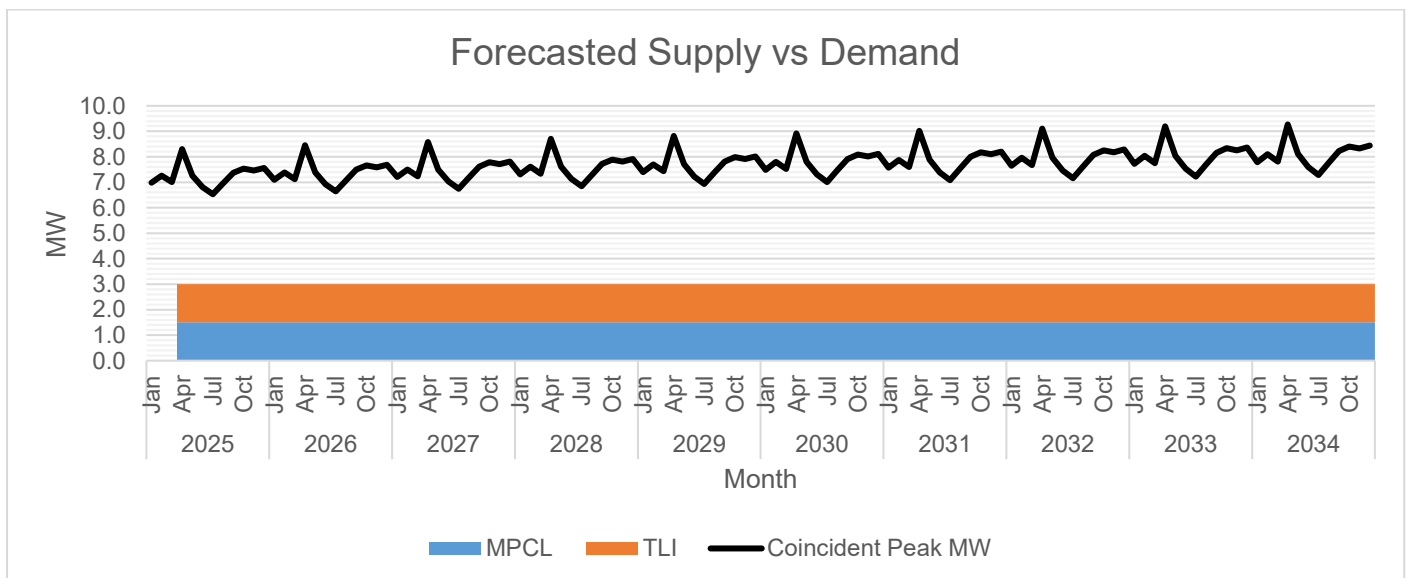
	May	7.80	0.00	3.00	0.000		0%	38%	-4.80
	Jun	7.31	0.00	3.00	0.000		0%	41%	-4.31
	Jul	7.01	0.00	3.00	0.000		0%	43%	-4.01
	Aug	7.47	0.00	3.00	0.000		0%	40%	-4.47
	Sep	7.91	0.00	3.00	0.000		0%	38%	-4.91
	Oct	8.09	0.00	3.00	0.000		0%	37%	-5.09
	Nov	8.01	0.00	3.00	0.000		0%	37%	-5.01
	Dec	8.11	0.00	3.00	0.000		0%	37%	-5.11
2031	Jan	7.57	0.00	3.00	0.000		0%	40%	-4.57
	Feb	7.88	0.00	3.00	0.000		0%	38%	-4.88
	Mar	7.60	0.00	3.00	0.000		0%	39%	-4.60
	Apr	9.01	0.00	3.00	0.000		0%	33%	-6.01
	May	7.88	0.00	3.00	0.000		0%	38%	-4.88
	Jun	7.39	0.00	3.00	0.000		0%	41%	-4.39
	Jul	7.09	0.00	3.00	0.000		0%	42%	-4.09
	Aug	7.55	0.00	3.00	0.000		0%	40%	-4.55
	Sep	7.99	0.00	3.00	0.000		0%	38%	-4.99
	Oct	8.17	0.00	3.00	0.000		0%	37%	-5.17
	Nov	8.10	0.00	3.00	0.000		0%	37%	-5.10
	Dec	8.20	0.00	3.00	0.000		0%	37%	-5.20
2032	Jan	7.65	0.00	3.00	0.000		0%	39%	-4.65
	Feb	7.96	0.00	3.00	0.000		0%	38%	-4.96
	Mar	7.68	0.00	3.00	0.000		0%	39%	-4.68
	Apr	9.10	0.00	3.00	0.000		0%	33%	-6.10
	May	7.96	0.00	3.00	0.000		0%	38%	-4.96
	Jun	7.46	0.00	3.00	0.000		0%	40%	-4.46
	Jul	7.16	0.00	3.00	0.000		0%	42%	-4.16
	Aug	7.62	0.00	3.00	0.000		0%	39%	-4.62
	Sep	8.08	0.00	3.00	0.000		0%	37%	-5.08
	Oct	8.26	0.00	3.00	0.000		0%	36%	-5.26
	Nov	8.18	0.00	3.00	0.000		0%	37%	-5.18
	Dec	8.28	0.00	3.00	0.000		0%	36%	-5.28
2033	Jan	7.72	0.00	3.00	0.000		0%	39%	-4.72
	Feb	8.03	0.00	3.00	0.000		0%	37%	-5.03
	Mar	7.75	0.00	3.00	0.000		0%	39%	-4.75

	Apr	9.19	0.00	3.00	0.000		0%	33%	-6.19
	May	8.04	0.00	3.00	0.000		0%	37%	-5.04
	Jun	7.53	0.00	3.00	0.000		0%	40%	-4.53
	Jul	7.22	0.00	3.00	0.000		0%	42%	-4.22
	Aug	7.70	0.00	3.00	0.000		0%	39%	-4.70
	Sep	8.15	0.00	3.00	0.000		0%	37%	-5.15
	Oct	8.33	0.00	3.00	0.000		0%	36%	-5.33
	Nov	8.25	0.00	3.00	0.000		0%	36%	-5.25
	Dec	8.36	0.00	3.00	0.000		0%	36%	-5.36
2034	Jan	7.79	0.00	3.00	0.000		0%	39%	-4.79
	Feb	8.10	0.00	3.00	0.000		0%	37%	-5.10
	Mar	7.82	0.00	3.00	0.000		0%	38%	-4.82
	Apr	9.27	0.00	3.00	0.000		0%	32%	-6.27
	May	8.11	0.00	3.00	0.000		0%	37%	-5.11
	Jun	7.60	0.00	3.00	0.000		0%	39%	-4.60
	Jul	7.29	0.00	3.00	0.000		0%	41%	-4.29
	Aug	7.76	0.00	3.00	0.000		0%	39%	-4.76
	Sep	8.22	0.00	3.00	0.000		0%	36%	-5.22
	Oct	8.41	0.00	3.00	0.000		0%	36%	-5.41
	Nov	8.33	0.00	3.00	0.000		0%	36%	-5.33
	Dec	8.44	0.00	3.00	0.000		0%	36%	-5.44

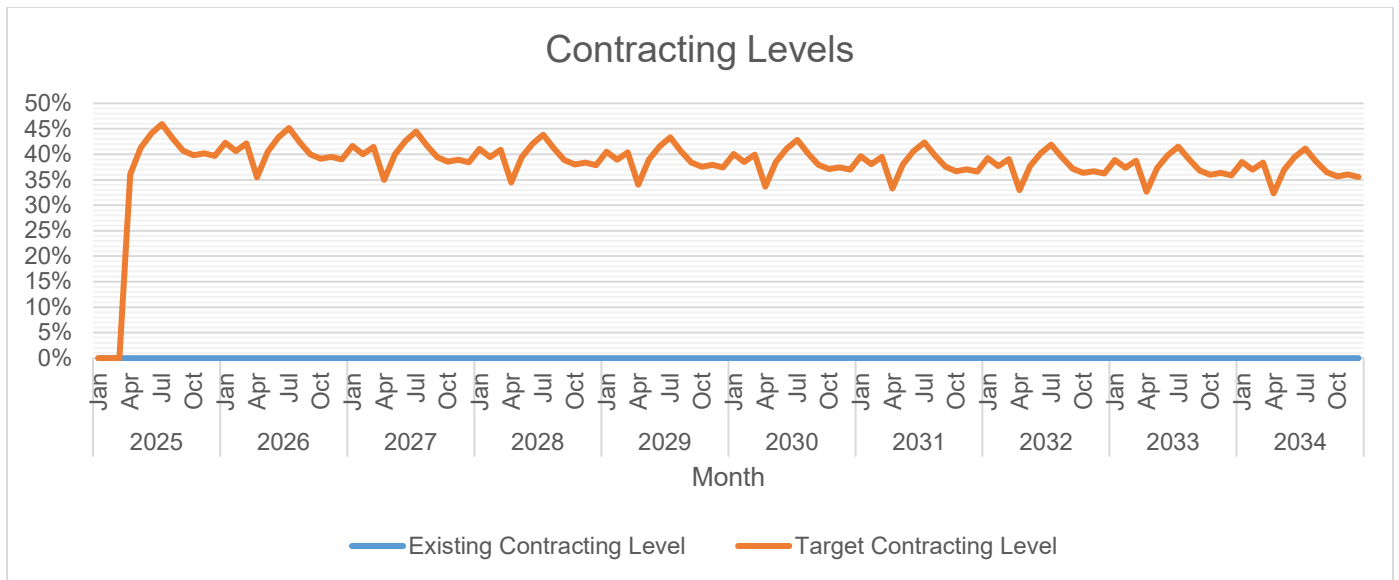
The Peak Demand was forecasted using Linear Logarithmic with Smoothing: $Y = a \ln(t) + bt^{-1} + e$ and was assumed to occur on the month of April due to warm season prompting the simultaneous utilization of electrically connected cooling equipment. Monthly Peak Demand is at its lowest on the month of July due to rainy season and several cooling equipment may no longer operate. In general, Peak Demand is expected to grow at a rate of 1.30% annually.



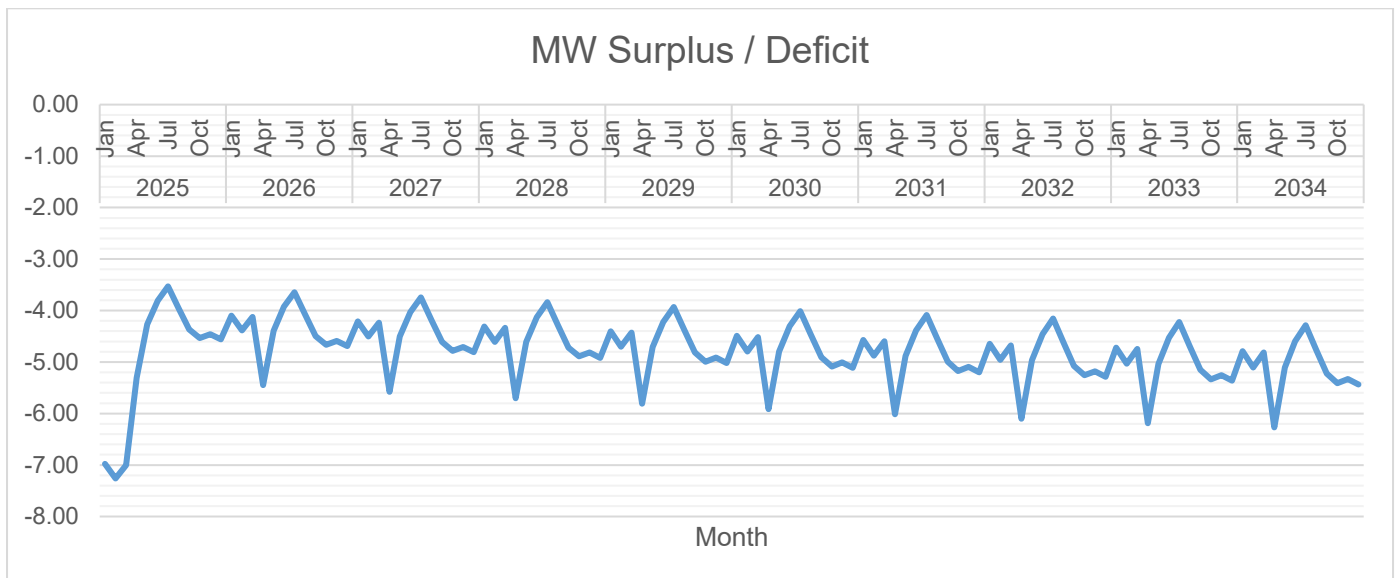
The available supply is generally below the Peak Demand. This is because the pending demand contract is the base load of MOPRECO.



Of the available supply, the largest is 3 MW that is equally divided by Masinloc Power Co. Ltd. (MPCL) and Therma Luzon, Inc. (TLI) having 1.5 MW each. The procurement of power supply is thru the competitive selection process conducted by Luzon Electric Cooperative Aggregation (LECA).



Currently, the contacting level is 0%. The highest target contracting level is 46% which is expected to occur on July 2025. The lowest target contracting level is 0% which is expected to occur on January to March 2025.



Currently, the contacting level is 0 MW. The highest deficit is -7.26 MW which is expected to occur on the month of February 2025. The lowest deficit is -3.53 MW which is expected to occur on the month of July 2025.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	2,572	2,373	149	1.97%	5.90%
	Feb	2,597	2,224	318	2.10%	12.52%
	Mar	2,536	2,255	223	2.28%	9.00%
	Apr	2,887	2,531	291	2.26%	10.32%
	May	2,820	2,560	199	2.19%	7.20%
	Jun	2,922	2,524	337	2.10%	11.78%
	Jul	2,720	2,451	214	2.04%	8.01%
	Aug	2,886	2,585	244	1.98%	8.62%
	Sep	2,906	2,519	330	1.94%	11.58%
	Oct	2,741	2,557	130	1.96%	4.85%

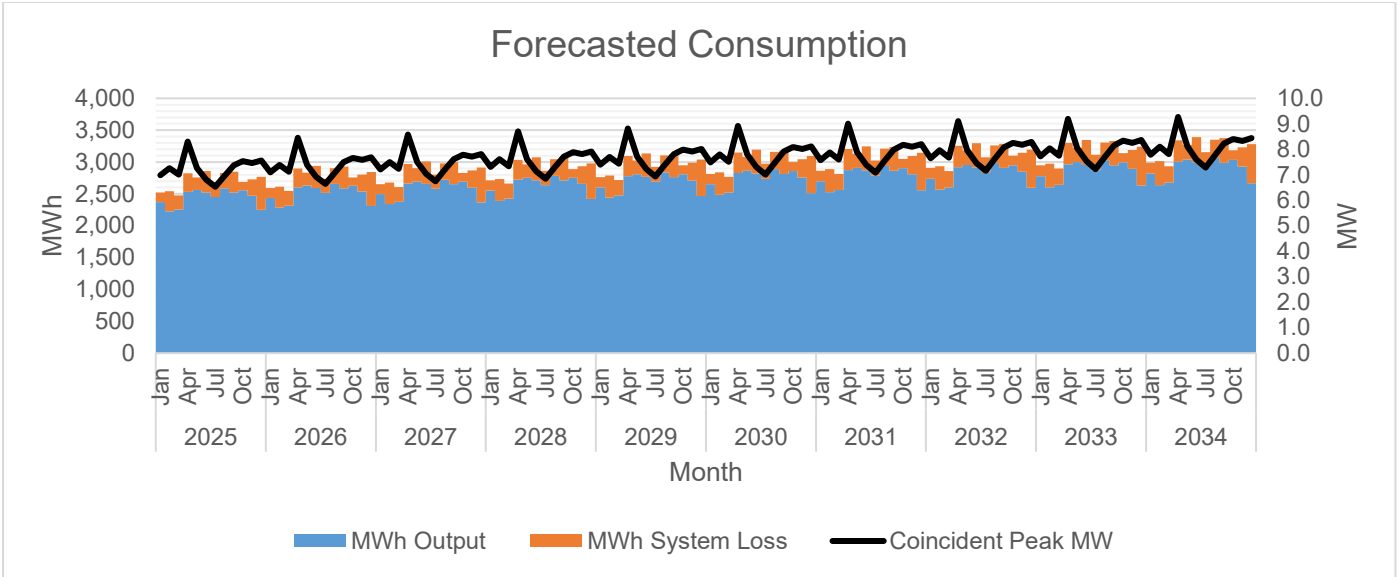
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Nov	2,781	2,469	258	1.92%	9.46%
	Dec	2,827	2,249	521	2.02%	18.80%
2026	Jan	2,641	2,438	152	1.92%	5.88%
	Feb	2,667	2,285	327	2.05%	12.51%
	Mar	2,604	2,317	229	2.22%	8.99%
	Apr	2,964	2,600	299	2.20%	10.30%
	May	2,896	2,630	204	2.13%	7.19%
	Jun	3,000	2,593	346	2.05%	11.76%
	Jul	2,793	2,519	219	1.99%	8.00%
	Aug	2,964	2,656	250	1.93%	8.61%
	Sep	2,984	2,589	338	1.89%	11.56%
	Oct	2,814	2,627	134	1.91%	4.84%
	Nov	2,855	2,537	265	1.87%	9.44%
	Dec	2,902	2,310	535	1.97%	18.79%
2027	Jan	2,704	2,498	156	1.88%	5.87%
	Feb	2,730	2,341	334	2.00%	12.49%
	Mar	2,666	2,374	234	2.16%	8.97%
	Apr	3,034	2,664	305	2.15%	10.29%
	May	2,965	2,695	208	2.08%	7.17%
	Jun	3,071	2,656	354	2.00%	11.75%
	Jul	2,860	2,580	224	1.94%	7.98%
	Aug	3,034	2,721	256	1.89%	8.59%
	Sep	3,055	2,652	346	1.85%	11.55%
	Oct	2,881	2,691	136	1.86%	4.82%
	Nov	2,923	2,599	271	1.83%	9.43%
	Dec	2,971	2,367	547	1.92%	18.78%
2028	Jan	2,762	2,553	159	1.84%	5.85%
	Feb	2,789	2,393	341	1.96%	12.48%
	Mar	2,723	2,426	239	2.12%	8.96%
	Apr	3,100	2,723	312	2.10%	10.27%
	May	3,028	2,754	212	2.04%	7.16%
	Jun	3,137	2,715	361	1.96%	11.73%
	Jul	2,921	2,637	228	1.90%	7.97%
	Aug	3,100	2,781	261	1.85%	8.58%
	Sep	3,120	2,711	353	1.81%	11.53%
	Oct	2,943	2,751	139	1.82%	4.80%
	Nov	2,986	2,657	276	1.79%	9.41%
	Dec	3,035	2,419	559	1.88%	18.76%
2029	Jan	2,816	2,604	161	1.80%	5.84%
	Feb	2,843	2,441	348	1.92%	12.47%
	Mar	2,776	2,475	243	2.08%	8.94%
	Apr	3,160	2,777	317	2.06%	10.26%
	May	3,087	2,810	216	2.00%	7.14%
	Jun	3,199	2,770	368	1.92%	11.72%
	Jul	2,978	2,690	232	1.87%	7.95%
	Aug	3,160	2,837	266	1.81%	8.56%
	Sep	3,181	2,765	360	1.77%	11.52%
	Oct	3,001	2,806	141	1.79%	4.79%

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Nov	3,045	2,710	281	1.76%	9.40%
	Dec	3,094	2,468	570	1.85%	18.75%
2030	Jan	2,866	2,652	164	1.77%	5.82%
	Feb	2,894	2,486	354	1.89%	12.45%
	Mar	2,825	2,520	247	2.04%	8.93%
	Apr	3,216	2,828	323	2.03%	10.24%
	May	3,142	2,861	219	1.96%	7.12%
	Jun	3,256	2,820	374	1.88%	11.70%
	Jul	3,031	2,740	236	1.83%	7.94%
	Aug	3,216	2,889	270	1.78%	8.55%
	Sep	3,238	2,816	366	1.74%	11.50%
	Oct	3,054	2,857	143	1.76%	4.77%
	Nov	3,099	2,760	286	1.73%	9.38%
	Dec	3,150	2,513	579	1.81%	18.74%
2031	Jan	2,913	2,696	166	1.74%	5.81%
	Feb	2,941	2,528	359	1.86%	12.44%
	Mar	2,871	2,563	251	2.01%	8.91%
	Apr	3,269	2,876	328	1.99%	10.23%
	May	3,194	2,909	223	1.93%	7.11%
	Jun	3,309	2,868	380	1.85%	11.69%
	Jul	3,081	2,786	240	1.80%	7.92%
	Aug	3,269	2,938	274	1.75%	8.53%
	Sep	3,291	2,863	372	1.71%	11.49%
	Oct	3,104	2,906	145	1.73%	4.76%
	Nov	3,150	2,806	290	1.70%	9.37%
	Dec	3,201	2,556	589	1.78%	18.72%
2032	Jan	2,958	2,739	168	1.72%	5.79%
	Feb	2,986	2,567	364	1.83%	12.42%
	Mar	2,915	2,603	254	1.98%	8.90%
	Apr	3,318	2,921	332	1.97%	10.21%
	May	3,242	2,955	226	1.90%	7.09%
	Jun	3,359	2,913	385	1.83%	11.68%
	Jul	3,128	2,829	243	1.78%	7.91%
	Aug	3,319	2,984	278	1.73%	8.52%
	Sep	3,341	2,908	377	1.69%	11.47%
	Oct	3,152	2,951	147	1.70%	4.74%
	Nov	3,198	2,850	294	1.67%	9.35%
	Dec	3,250	2,595	597	1.76%	18.71%
2033	Jan	2,999	2,778	170	1.69%	5.76%
	Feb	3,028	2,605	369	1.80%	12.40%
	Mar	2,956	2,641	257	1.95%	8.87%
	Apr	3,365	2,963	336	1.94%	10.19%
	May	3,287	2,998	228	1.88%	7.07%
	Jun	3,406	2,955	390	1.80%	11.65%
	Jul	3,172	2,871	246	1.75%	7.88%
	Aug	3,365	3,027	281	1.70%	8.49%
	Sep	3,388	2,950	381	1.67%	11.45%
	Oct	3,196	2,994	148	1.68%	4.71%

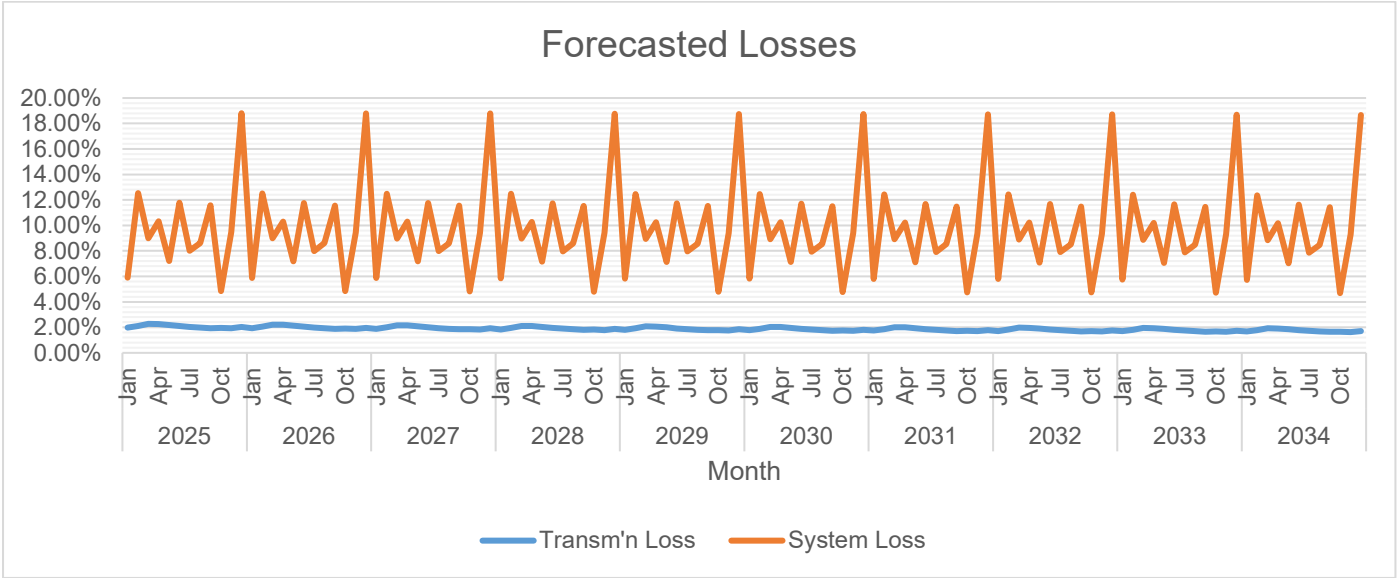
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Nov	3,242	2,892	297	1.65%	9.32%
	Dec	3,295	2,633	605	1.73%	18.69%
2034	Jan	3,038	2,816	171	1.67%	5.73%
	Feb	3,067	2,640	373	1.78%	12.37%
	Mar	2,994	2,677	260	1.93%	8.84%
	Apr	3,408	3,003	340	1.91%	10.16%
	May	3,330	3,038	230	1.85%	7.04%
	Jun	3,450	2,995	394	1.78%	11.62%
	Jul	3,213	2,909	248	1.73%	7.85%
	Aug	3,409	3,068	284	1.68%	8.46%
	Sep	3,432	2,990	386	1.64%	11.42%
	Oct	3,237	3,034	149	1.66%	4.68%
	Nov	3,285	2,931	300	1.63%	9.30%
	Dec	3,338	2,669	612	1.71%	18.66%

MWh Offtake was forecasted using Cubic Logarithmic with Smoothing: $Y = a \ln(t)^3 + dt^{-1} + e$. The assumed load factor is 54%.

Overall System Loss was calculated through the percentage of the difference between mwh purchased and mwh sales over mwh purchased. The coop has no software yet for the load flow study however the software was prioritized to be procured.



MWh Output was expected to grow at a rate of 1.92% annually.



Transmission Loss is expected to range from 1.63% to 2.28% while System Loss is expected to range from 4.68% to 18.80%.

Power Supply

Power Supply Agreements - Contracted

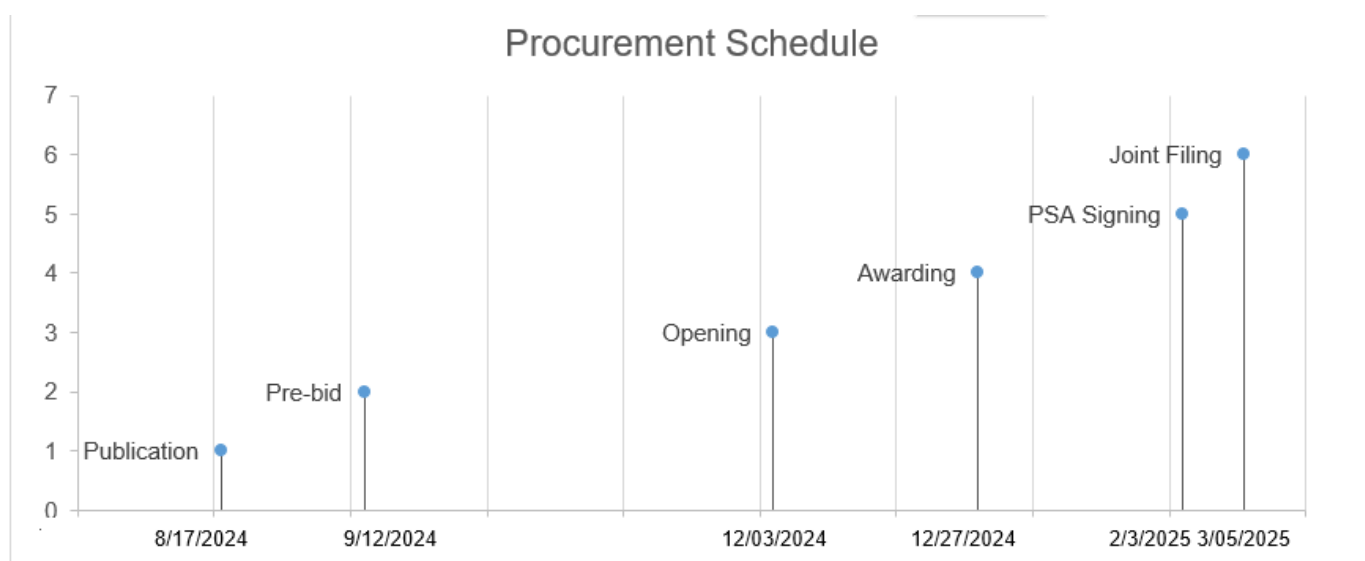
As of January 2025, there were no contracted power supply agreements, MOPRECO sourced its 100% power supply requirement to the Wholesale Electricity Spot Market (WESM)

Power Supply Agreements – Pending

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	Maximum MW	Maximum MWh/yr	PSA Start	PSA End
MPCL	Base	Masinloc Power Company, Ltd.	0.975	8,541	1.5	13,140	3/26/2025	3/25/2039
TLI	Base	Therma Luzon, Inc.	0.975	8,541	1.5	13,140	3/26/2025	3/25/2039

The PSA with MPCL and TLI is under filling process to the ERC as of March 2025. Both PSA was procured through competitive selection process conducted by NEA thru the Luzon Electric Cooperative Aggregation (LECA). It was selected to provide for base load requirements due to the volatility of power supply from the Whole Sale Electricity Spot Market (WESM). The said PSA's were not yet implemented so there were no historical percent of utilization.

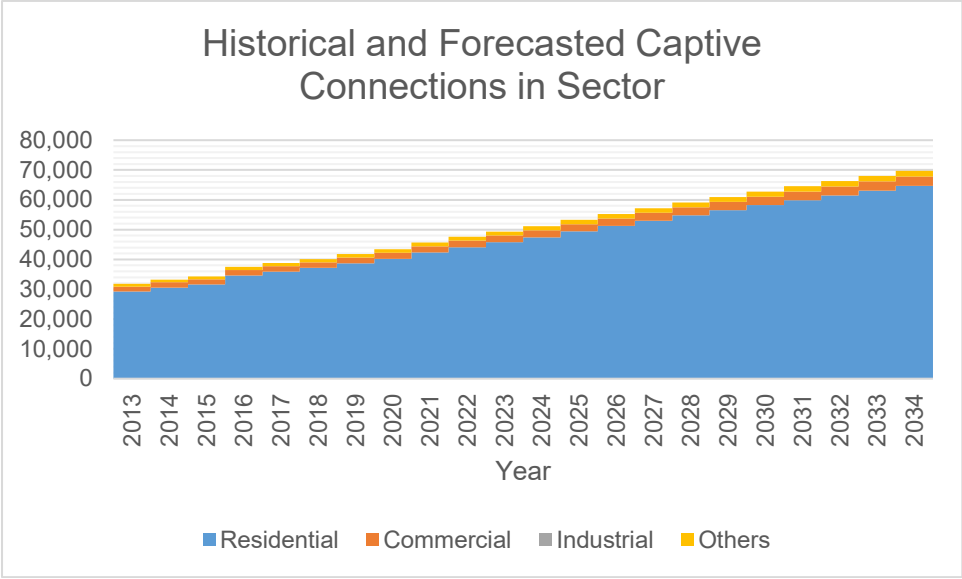
	MPCL & TLI
Type	Base
Minimum MW	2.10
Minimum MWh/yr	18,396
Maximum MW	3
Maximum MWh/yr	26,280
PSA Start	3/26/2025
PSA End	3/25/2039
Publication	8/17/2024
Pre-bid	9/12/2024
Opening	12/03/2024
Awarding	12/27/2024
PSA Signing	02/03/2025
Joint Filing	03/05/2025



For the procurement of 3 MW of supply which is planned to be available on March 26, 2025 the first publication or launch of CSP was on August 17, 2024. Joint filing is still on process as of March 12, 2025, or 150 days later, in accordance with DOE's 2023 CSP Policy.

MOPRECO is a member to the Luzon Electric Cooperative Aggregation for the aggregated base load power supply procurement. The winning bidders on the said aggregation were: Masinloc Power Corporation, Limited (MPCL) and Therma Luzon, Incorporated (TLI) and the PSA's between MOPRECO and the winning bidders were signed on February 03, 2025. The start of delivery of power supply will be as soon as ERC issue the provisional approval of the filled PSA. The contract year will commence upon the date of delivery of the power supply until the contract year of fifteen (15) years is completed.

Captive Customer Connections



The number of residential connections is expected to grow at a rate of 3.15% annually. Said customer class is expected to account for 67.84% of the total consumption.