

Power Supply Procurement Plan 2025



Iligan Light & Power, Inc.

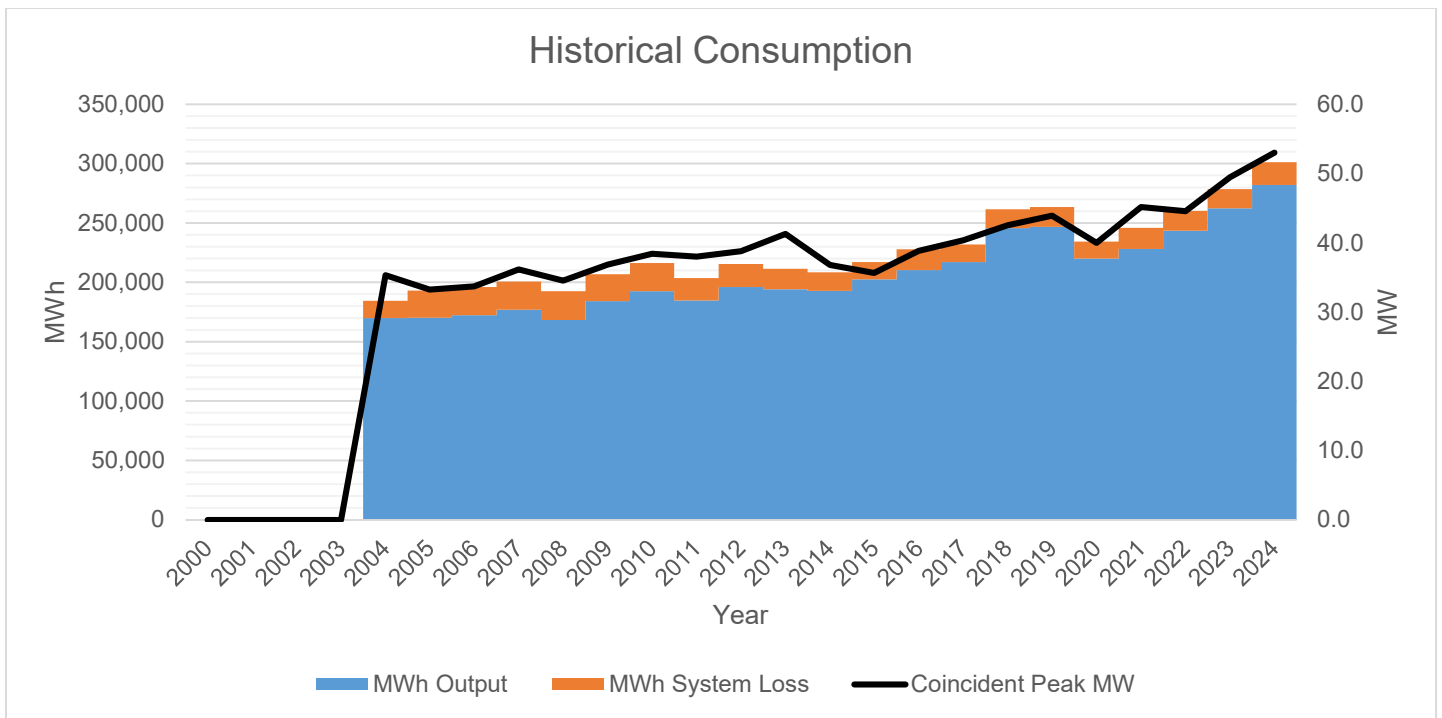
February 21, 2025

Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2004	35.30	184,372	-	184,372	169,755	14,617	60%	0.00%	0.00%	7.93%
2005	33.25	193,158	-	193,158	170,076	23,082	66%	0.00%	0.00%	11.95%
2006	33.68	195,905	-	195,905	172,436	23,469	66%	0.00%	0.00%	11.98%
2007	36.14	200,622	-	200,622	176,792	23,830	63%	0.00%	0.00%	11.88%
2008	34.55	192,510	-	192,510	168,267	24,243	64%	0.00%	0.00%	12.59%
2009	36.86	206,879	-	206,879	184,293	22,586	64%	0.00%	0.00%	10.92%
2010	38.43	216,333	-	216,333	192,565	23,768	64%	0.00%	0.00%	10.99%
2011	37.99	203,518	-	203,518	184,679	18,839	61%	0.00%	0.00%	9.26%
2012	38.78	215,499	-	215,499	196,044	19,455	63%	0.00%	0.00%	9.03%
2013	41.26	211,915	-	211,315	194,140	17,175	58%	0.00%	0.28%	8.13%
2014	36.78	210,081	-	208,460	192,721	15,739	65%	0.00%	0.77%	7.55%
2015	35.64	216,437	-	217,065	202,593	14,472	70%	0.00%	-0.29%	6.67%
2016	38.81	225,872	-	227,730	210,216	17,514	67%	0.00%	-0.82%	7.69%
2017	40.37	228,384	-	231,782	216,996	14,786	66%	0.00%	-1.49%	6.38%
2018	42.54	261,862	-	261,542	245,752	15,790	70%	0.00%	0.12%	6.04%
2019	43.90	262,188	-	263,438	246,680	16,759	68%	0.00%	-0.48%	6.36%
2020	39.98	236,096	-	234,231	219,935	14,296	67%	0.00%	0.79%	6.10%
2021	45.15	248,209	-	245,914	228,062	17,853	62%	0.00%	0.92%	7.26%
2022	44.57	261,561	-	260,222	243,586	16,636	67%	0.00%	0.51%	6.39%
2023	49.44	280,236	26,424	278,423	262,364	16,059	64%	0.00%	0.65%	5.77%
2024	53.06	301,533	74,773	301,152	282,150	19,002	65%	0.00%	0.13%	6.31%

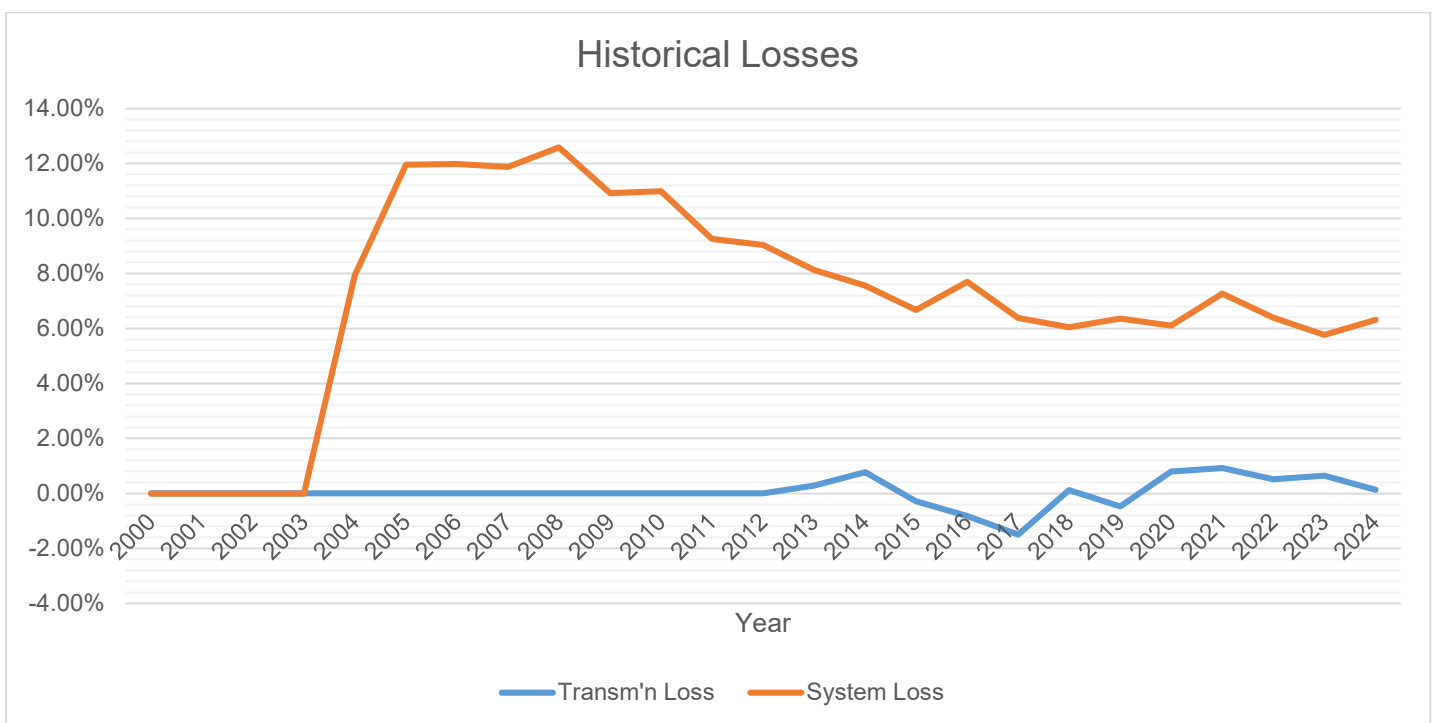
Peak Demand increased from 49.44 MW in year 2023 to 53.06 MW in year 2024 at a rate of 7.32% due to higher energy utilization during peak hours usually from 1PM to 3PM. MWh Offtake increased from 280,236 MWh in year 2023 to 301,533 MWh in year 2024 at a rate of 7.60% due to the same reason. Within the same period, Load Factor ranged from 64% to 65%.

Note that historical consumption data presented in the table above includes only the data for the captive consumers. Wheeling data, specifically for RCMI and PFC, has been excluded, as both wheeling customers have yet to migrate into Retail Market.



MWh Output increased from year 2023 to year 2024 at a rate of 7.54%, while MWh System Loss increased at a rate of 18.33% within the same period. In terms of System Loss Rate, it increased by 9.36% from 5.77% in 2023 to 6.31% in 2024.

No available data for the years 2000 to 2003, as ILPI's data retention for PSPP and DDP purposes began only in 2004.



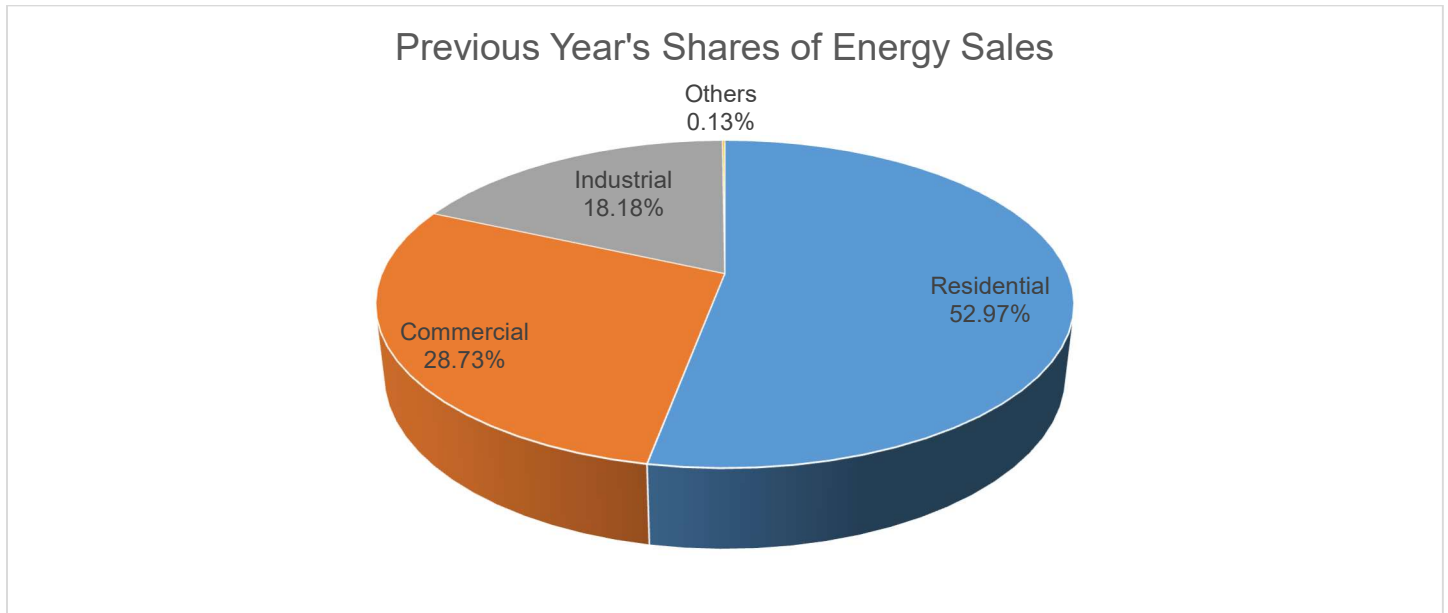
Historically, Transmission Loss ranged from -1.49% to 0.92% while System Loss ranged from 5.77% to 12.59%. Transmission Loss peaked at 0.92% on year 2021. System Loss peaked at 12.59% on year 2008 because of pilferage, electromechanical meters, undersized conductors and load centering issues.

From 2004 to 2012, Transmission Loss was recorded at 0.00% because, during this period, PSALM's energy delivery was measured at NGCP's metering points, which are also the basis for MWh input. PSALM was ILPI's sole Bilateral Power Supplier at the time. The negative Transmission Losses observed between 2015 and 2017 and again in 2019 can be attributed to free energy generated during the commissioning of ILPI's bilateral power suppliers and other grid-connected power generators that were commissioned around the same period.

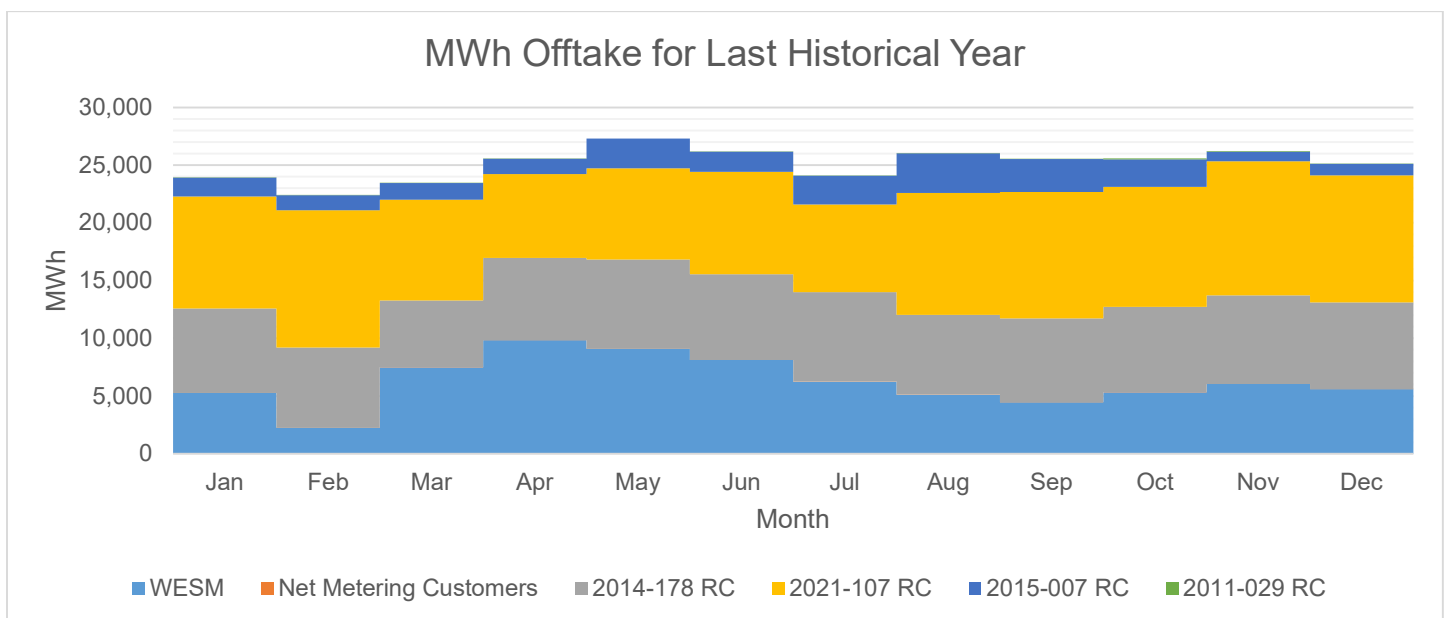
The occurrence of negative Non-Technical Loss in multiple months can be attributed to limitations in our simulation methodologies. Specifically, Feeder Technical Losses are simulated using kWh inputs derived from customer billing data. Any changes in the scheduled meter reading for a particular area or zone can alter the number of billing days for customers, affecting the accuracy of energy consumption data used in Feeder Technical Loss simulations. Since Non-Technical Loss is calculated as a residual value, the aforesaid variations can sometimes result in negative figures.

ILPI continuously implements projects and programs aimed to reduce the System Loss to the level below the cap set by the ERC.

No available data for the years 2000 to 2003, as ILPI's data retention for PSPP and DDP purposes began only in 2004.



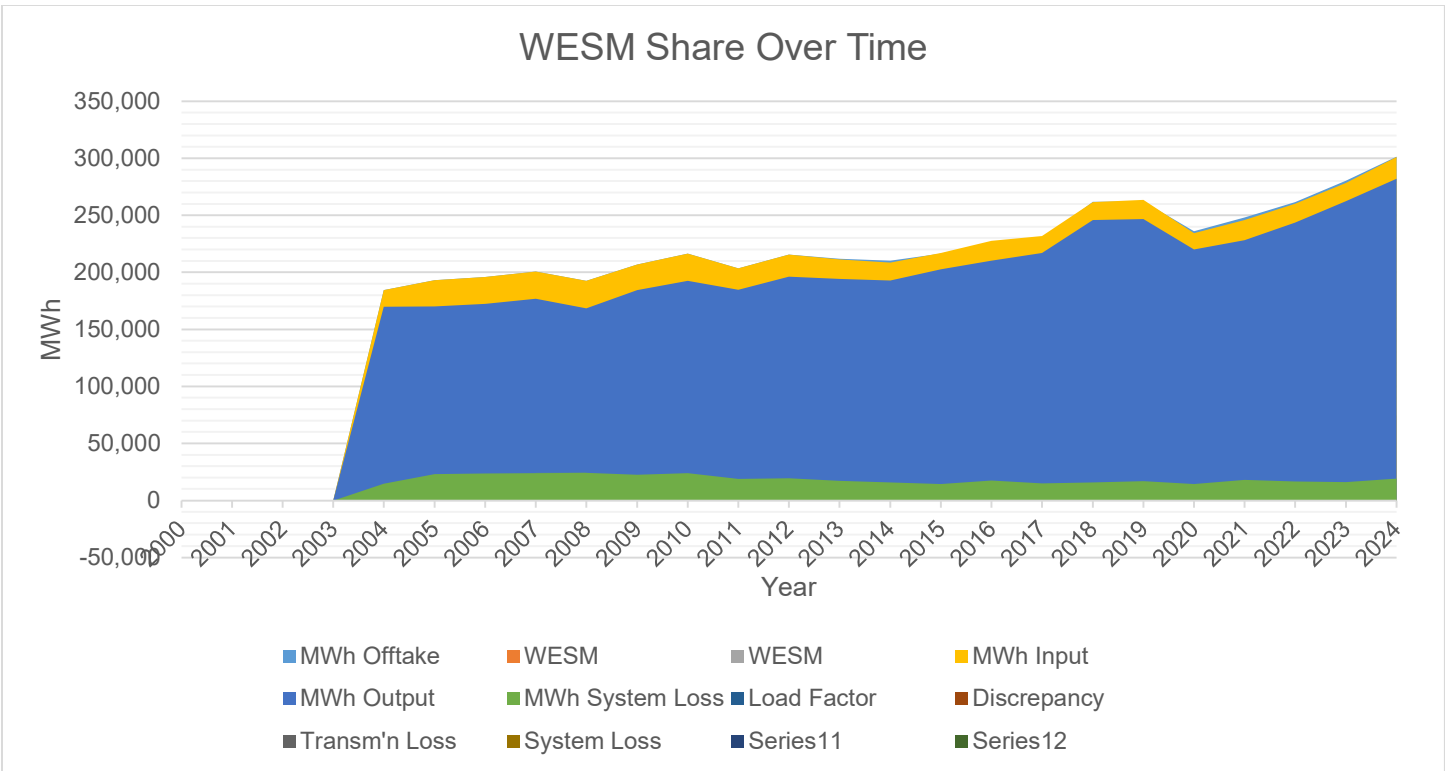
Residential customers account for the bulk of energy sales at 52.97% due to the high number of connections. In contrast, Industrial customers accounted for only 18.18% of energy sales due to the low number of connections.



For MEGC with ERC Case No. 2011-029, the total Offtake for the last historical year is lower than the quantity stipulated in the PSA. The PSA PSALM with ERC Case No. 2021-107 RC with accounts for the bulk of MWh Offtake.

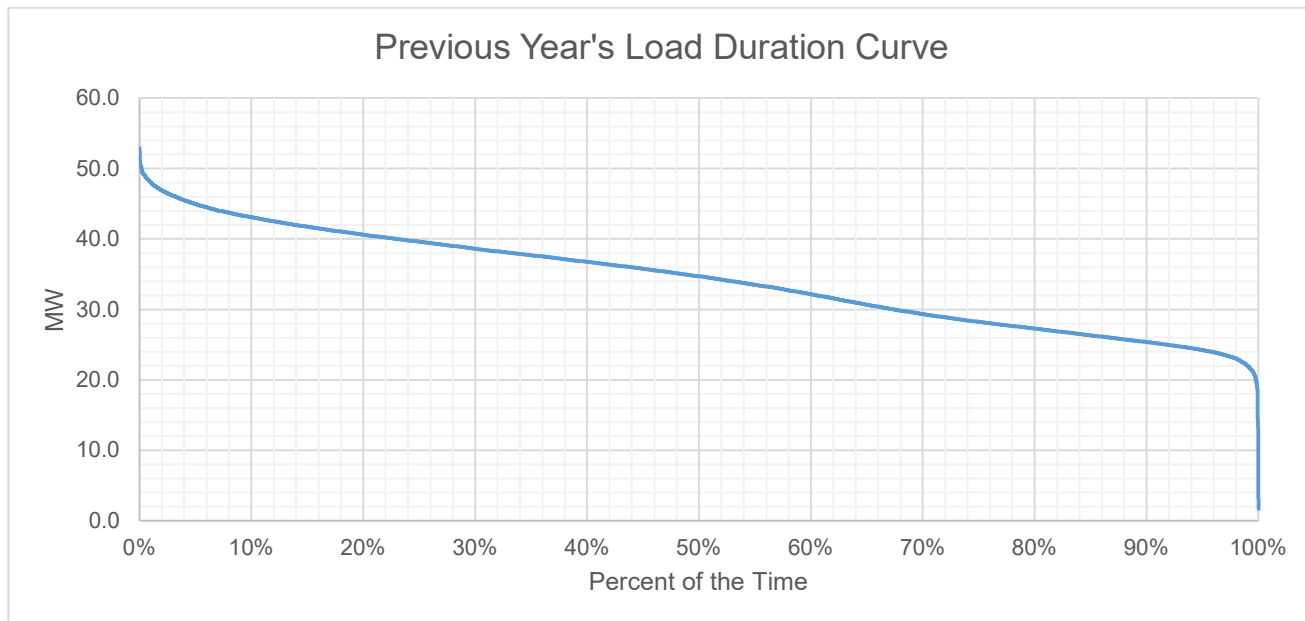
For the year 2024, total Offtake is lower than the total bilateral/PSA quantities considering that ILPI took advantage of cheaper prices at the WESM during certain intervals in accordance with the merit order of dispatch.

WESM Share Over Time

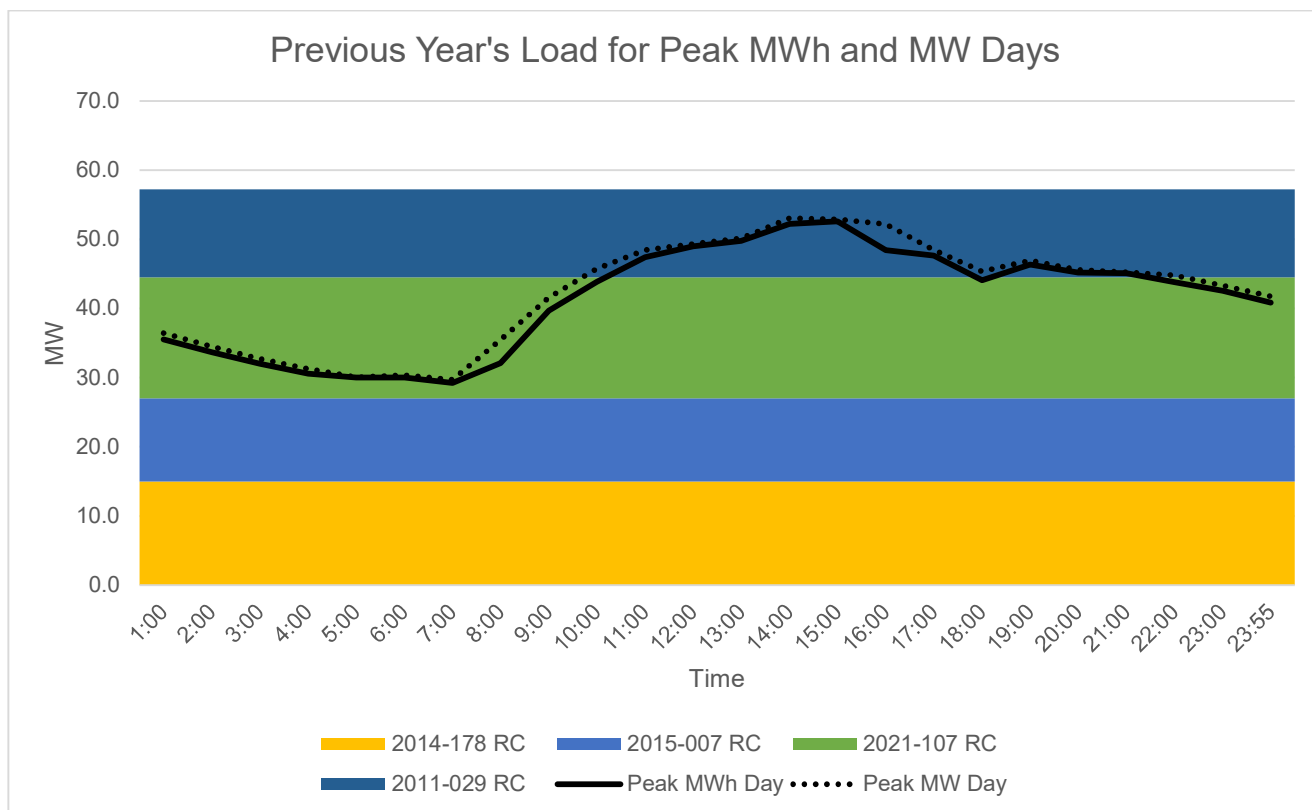


WESM Offtake increased from 26,424 MWh in year 2023 to 74,773 MWh in year 2024 at a rate of 182.97% due to WESM purchases during off peak hours, consistent to our merit order table. The share of WESM in the total Offtake ranged from 9.43% to 24.80%. The net WESM transaction is negative for the billing month of February 2023 due to the availability of excess capacity from PSALM Plants. ILPI was able to take advantage of the available excess capacity and sell it to the market during peak hours, where the market prices are usually much higher than the PSALM TOU rate.

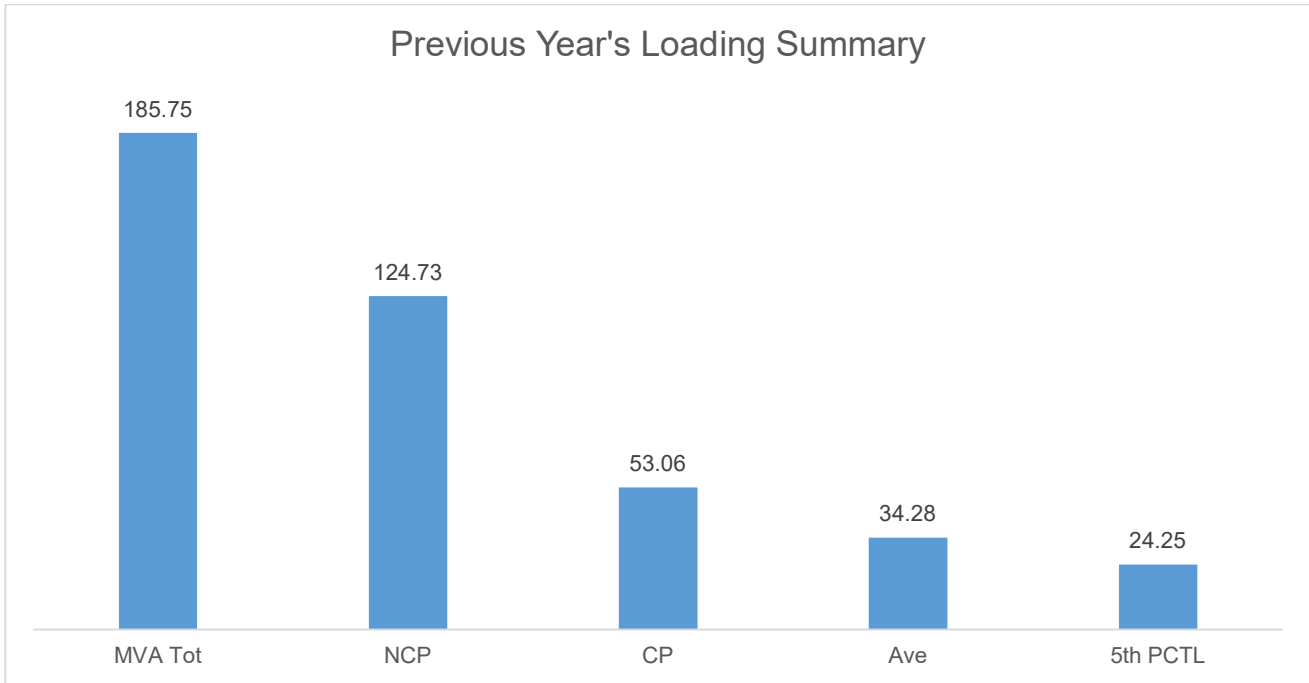
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 20 MW and the maximum load is 53.06 MW for the last historical year.



Peak MW occurred on 14:00 due to all commercial and industrial loads were operating at its peak during this time. Peak daily MWh occurred on 14:00 for the same reason. As shown in the Load Curve, the available supply is higher than the Peak Demand.



The Non-coincident Peak Demand is 124.73 MW, which is around 67.15% of the total substation capacity of 185.75 MVA at a power factor of 1.0. The load factor or the ratio between the Average Load of 34.28 MW and the Non-coincident Peak Demand is 27.48%. A safe estimate of the true minimum load is the fifth percentile load of 24.25 MW which is 19.44% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
M1 Overton	10	6.509
M3 Puga-an	63	49.876
M4 Acmac	25	6.285
M5 Dalipuga	63	37.309
MEGC	12.75	12.750
PSPEI	12	12.000

The substations loaded at above 70% are M3 Puga-an, MEGC and PSPEI. The higher loading at M3 Puga-an (79.17%) was due to load transfer during NGCP's scheduled power service interruption, which affected three of ILPI's metering points: M1 Overton, M4 Acmac, and M5 Dalipuga. Substations owned by embedded generators, such as MEGC and PSPEI, were designed to operate at maximum capacity. In 2024, both MEGC and PSPEI Power Plants conducted Generating Unit Capability Tests (GUCT) as part of their Certificate of Compliance (COC) renewal with the ERC. Additionally, PSPEI provided backup power to ILPI through a third-party power supplier during its plant shutdown.

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	71.95	24.17	17.50	0.000	30.28	58%	100%	0.00
	Feb	72.04	24.25	17.50	0.000	30.29	58%	100%	0.00
	Mar	73.73	25.79	17.50	0.000	30.44	60%	100%	0.00
	Apr	78.44	30.07	17.50	0.000	30.87	63%	100%	0.00
	May	82.06	33.36	17.50	0.000	31.20	66%	100%	0.00
	Jun	80.27	31.73	17.50	0.000	31.04	64%	100%	0.00
	Jul	77.57	29.27	17.50	0.000	30.80	63%	100%	0.00
	Aug	78.79	30.39	17.50	0.000	30.90	63%	100%	0.00
	Sep	78.60	30.21	17.50	0.000	30.89	63%	100%	0.00
	Oct	78.35	29.99	17.50	0.000	30.86	63%	100%	0.00
	Nov	78.50	30.12	17.50	0.000	30.88	63%	100%	0.00
	Dec	78.26	29.91	17.50	0.000	30.85	63%	100%	0.00
2026	Jan	73.86	23.86	0.00	17.500	32.50	58%	100%	0.00
	Feb	73.96	23.94	0.00	17.500	32.52	58%	100%	0.00
	Mar	75.72	25.46	0.00	17.500	32.76	59%	100%	0.00
	Apr	80.62	29.71	0.00	17.500	33.41	63%	100%	0.00
	May	84.40	32.98	0.00	17.500	33.92	65%	100%	0.00
	Jun	82.53	31.36	0.00	17.500	33.67	64%	100%	0.00
	Jul	79.71	28.92	0.00	17.500	33.29	62%	100%	0.00
	Aug	80.99	30.03	0.00	17.500	33.46	63%	100%	0.00
	Sep	80.79	29.85	0.00	17.500	33.44	63%	100%	0.00
	Oct	80.53	29.63	0.00	17.500	33.40	63%	100%	0.00
	Nov	80.68	29.76	0.00	17.500	33.42	63%	100%	0.00
	Dec	80.44	29.55	0.00	17.500	33.39	63%	100%	0.00
2027	Jan	80.18	27.85	0.00	17.500	34.83	61%	100%	0.00
	Feb	80.29	27.94	0.00	17.500	34.85	61%	100%	0.00

	Mar	82.28	29.62	0.00	17.500	35.16	63%	100%	0.00
	Apr	87.84	33.50	0.00	17.500	36.07	65%	99%	-0.77
	May	92.11	33.50	0.00	17.500	36.75	61%	92%	-4.36
	Jun	89.99	33.50	0.00	17.500	36.41	63%	95%	-2.58
	Jul	86.81	33.41	0.00	17.500	35.90	66%	100%	0.00
	Aug	88.25	33.50	0.00	17.500	36.13	64%	98%	-1.12
	Sep	88.02	33.50	0.00	17.500	36.09	65%	98%	-0.93
	Oct	87.73	33.50	0.00	17.500	36.05	65%	99%	-0.68
	Nov	87.90	33.50	0.00	17.500	36.07	65%	98%	-0.83
	Dec	87.63	33.50	0.00	17.500	36.03	65%	99%	-0.60
2028	Jan	82.25	29.74	0.00	17.500	35.01	63%	100%	0.00
	Feb	82.37	29.83	0.00	17.500	35.04	63%	100%	0.00
	Mar	84.44	31.58	0.00	17.500	35.36	64%	100%	0.00
	Apr	90.20	33.50	0.00	17.500	36.27	62%	95%	-2.93
	May	94.64	39.75	0.00	17.500	36.98	69%	99%	-0.41
	Jun	92.44	38.31	0.00	17.500	36.63	69%	100%	0.00
	Jul	89.13	33.50	0.00	17.500	36.10	63%	96%	-2.03
	Aug	90.63	33.50	0.00	17.500	36.34	62%	94%	-3.29
	Sep	90.40	33.50	0.00	17.500	36.31	62%	94%	-3.09
	Oct	90.09	33.50	0.00	17.500	36.26	62%	95%	-2.83
	Nov	90.27	33.50	0.00	17.500	36.28	62%	94%	-2.99
	Dec	89.99	33.50	0.00	17.500	36.24	62%	95%	-2.75
2029	Jan	84.42	31.71	0.00	17.500	35.21	64%	100%	0.00
	Feb	84.54	31.81	0.00	17.500	35.23	65%	100%	0.00
	Mar	86.69	33.50	0.00	17.500	35.56	66%	100%	-0.13
	Apr	92.68	38.68	0.00	17.500	36.50	69%	100%	0.00
	May	97.28	39.75	0.00	17.500	37.21	66%	95%	-2.82
	Jun	95.00	39.75	0.00	17.500	36.86	68%	98%	-0.89
	Jul	91.56	33.50	0.00	17.500	36.32	61%	92%	-4.24
	Aug	93.12	39.06	0.00	17.500	36.56	69%	100%	0.00
	Sep	92.88	38.85	0.00	17.500	36.53	69%	100%	0.00

	Oct	92.56	38.58	0.00	17.500	36.48	69%	100%	0.00
	Nov	92.75	38.74	0.00	17.500	36.51	69%	100%	0.00
	Dec	92.45	38.49	0.00	17.500	36.46	69%	100%	0.00
2030	Jan	86.68	27.00	0.00	24.000	35.41	53%	99%	-0.27
	Feb	86.80	27.00	0.00	24.000	35.42	53%	99%	-0.38
	Mar	89.03	27.00	0.00	24.000	35.76	51%	96%	-2.27
	Apr	95.25	27.00	0.00	30.250	36.72	46%	98%	-1.28
	May	100.04	27.00	0.00	30.250	37.46	43%	91%	-5.33
	Jun	97.66	27.00	0.00	30.250	37.09	45%	95%	-3.32
	Jul	94.10	27.00	0.00	30.250	36.55	47%	99%	-0.30
	Aug	95.72	27.00	0.00	30.250	36.80	46%	97%	-1.67
	Sep	95.46	27.00	0.00	30.250	36.75	46%	98%	-1.46
	Oct	95.13	27.00	0.00	30.250	36.70	46%	98%	-1.18
	Nov	95.33	27.00	0.00	30.250	36.73	46%	98%	-1.35
	Dec	95.02	27.00	0.00	30.250	36.69	46%	98%	-1.08
2031	Jan	89.03	27.00	0.00	24.000	35.61	51%	95%	-2.42
	Feb	89.15	27.00	0.00	24.000	35.62	50%	95%	-2.53
	Mar	91.47	27.00	0.00	28.500	35.97	49%	100%	0.00
	Apr	97.93	27.00	0.00	30.250	36.95	44%	94%	-3.73
	May	102.90	27.00	0.00	30.250	37.70	41%	88%	-7.95
	Jun	100.44	27.00	0.00	30.250	37.33	43%	91%	-5.86
	Jul	96.73	27.00	0.00	30.250	36.77	45%	95%	-2.71
	Aug	98.42	27.00	0.00	30.250	37.03	44%	93%	-4.14
	Sep	98.15	27.00	0.00	30.250	36.98	44%	94%	-3.92
	Oct	97.81	27.00	0.00	30.250	36.94	44%	94%	-3.62
	Nov	98.01	27.00	0.00	30.250	36.96	44%	94%	-3.80
	Dec	97.69	27.00	0.00	30.250	36.91	44%	94%	-3.53
2032	Jan	91.47	27.00	0.00	28.650	35.82	49%	100%	0.00
	Feb	91.60	27.00	0.00	28.760	35.84	48%	100%	0.00
	Mar	94.01	27.00	0.00	30.250	36.20	47%	99%	-0.56
	Apr	100.72	27.00	0.00	30.250	37.19	42%	90%	-6.28

	May	105.88	27.00	0.00	30.250	37.95	40%	84%	-10.68
	Jun	103.32	27.00	0.00	30.250	37.58	41%	87%	-8.49
	Jul	99.47	27.00	0.00	30.250	37.00	43%	92%	-5.22
	Aug	101.22	27.00	0.00	30.250	37.26	42%	90%	-6.71
	Sep	100.94	27.00	0.00	30.250	37.22	42%	90%	-6.47
	Oct	100.59	27.00	0.00	30.250	37.17	43%	90%	-6.17
	Nov	100.80	27.00	0.00	30.250	37.20	42%	90%	-6.35
	Dec	100.47	27.00	0.00	30.250	37.16	43%	90%	-6.06
2033	Jan	93.58	27.00	0.00	30.250	35.96	47%	99%	-0.37
	Feb	93.72	27.00	0.00	30.250	35.99	47%	99%	-0.48
	Mar	96.21	27.00	0.00	30.250	36.35	45%	96%	-2.61
	Apr	103.14	27.00	0.00	30.250	37.37	41%	87%	-8.52
	May	108.47	27.00	0.00	30.250	38.15	38%	81%	-13.07
	Jun	105.82	27.00	0.00	30.250	37.75	40%	84%	-10.82
	Jul	101.85	27.00	0.00	30.250	37.18	42%	89%	-7.42
	Aug	103.65	27.00	0.00	30.250	37.44	41%	86%	-8.96
	Sep	103.37	27.00	0.00	30.250	37.40	41%	87%	-8.72
	Oct	103.00	27.00	0.00	30.250	37.34	41%	87%	-8.41
	Nov	103.22	27.00	0.00	30.250	37.38	41%	87%	-8.59
	Dec	102.88	27.00	0.00	30.250	37.33	41%	87%	-8.30
2034	Jan	96.19	27.00	0.00	30.250	36.19	45%	95%	-2.75
	Feb	96.33	27.00	0.00	30.250	36.20	45%	95%	-2.88
	Mar	98.91	27.00	0.00	30.250	36.57	43%	92%	-5.09
	Apr	106.11	27.00	0.00	30.250	37.61	39%	84%	-11.25
	May	111.65	27.00	0.00	30.250	38.41	37%	78%	-15.99
	Jun	108.90	27.00	0.00	30.250	38.01	38%	81%	-13.64
	Jul	104.77	27.00	0.00	30.250	37.41	40%	85%	-10.11
	Aug	106.65	27.00	0.00	30.250	37.69	39%	83%	-11.71
	Sep	106.35	27.00	0.00	30.250	37.64	39%	83%	-11.46
	Oct	105.97	27.00	0.00	30.250	37.59	39%	84%	-11.13
	Nov	106.20	27.00	0.00	30.250	37.63	39%	83%	-11.32

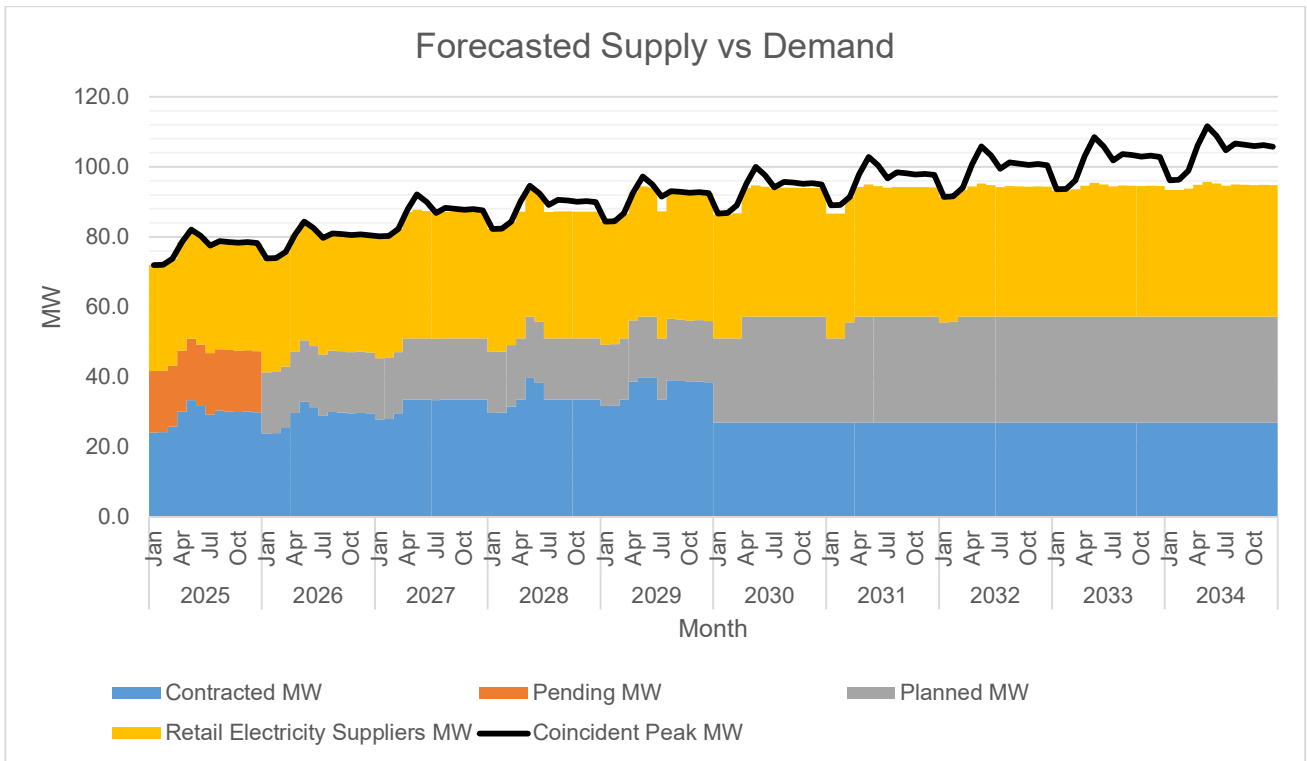
	Dec	105.84	27.00	0.00	30.250	37.57	40%	84%	-11.02
--	-----	--------	-------	------	--------	-------	-----	-----	--------

The Peak Demand was derived from a 10-year Energy (MWh Input) forecast utilizing the Load Factor of the recent historical year 2024. Using the energy consumption profile in the year 2024, the forecasted annual values are then converted into monthly data. The Annual Peak Demand is assumed to occur in every month of May. Monthly Peak Demand is at its lowest on the month of January, consistent with the recent historical year. In general, Peak Demand is expected to grow at an average rate of 3.50% for the next 10 years.

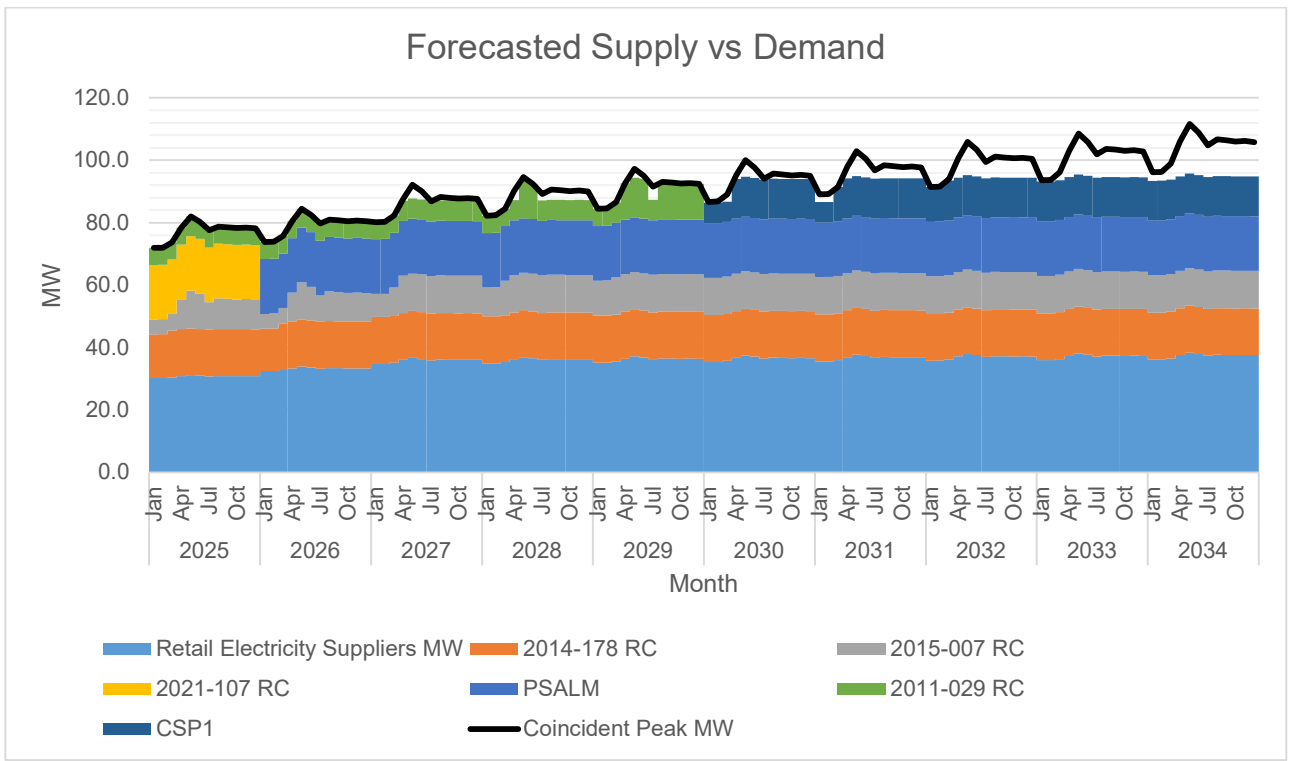
The forecasted export energy for Self-Generation Facilities (SGF) is set to zero or left blank in the PSPP excel template. This is because ILPI has no company-owned SGF and the only registered customer-owned SGF (Robinson's Mall Solar Rooftop @ 1.448 MWp) will not be exporting energy to ILPI's distribution network.

Two existing wheeling customers, namely Pilmico Foods Corporation (PFC) and Republic Cement Mindanao, Inc. (RCMI), are assumed to be automatically included in the Switched Contestable/Retail Customers starting January 2025. It is also assumed that 50% of the qualified captive customers will migrate into retail market in the year 2025. In the succeeding two years, all remaining qualified captive customers are assumed to migrate into retail market.

In the planning horizon, ILPI intends to source substantial portion of its energy requirements from the WESM, particularly during off-peak hours (12AM to 9AM and 11PM to 12AM). This strategy is based on the 2024 average off-peak WESM price of 2.96 Peso/kWh, which at the cheapest in comparison to the other bilateral power suppliers, thus explains the projected increase in ILPI's WESM Offtake.



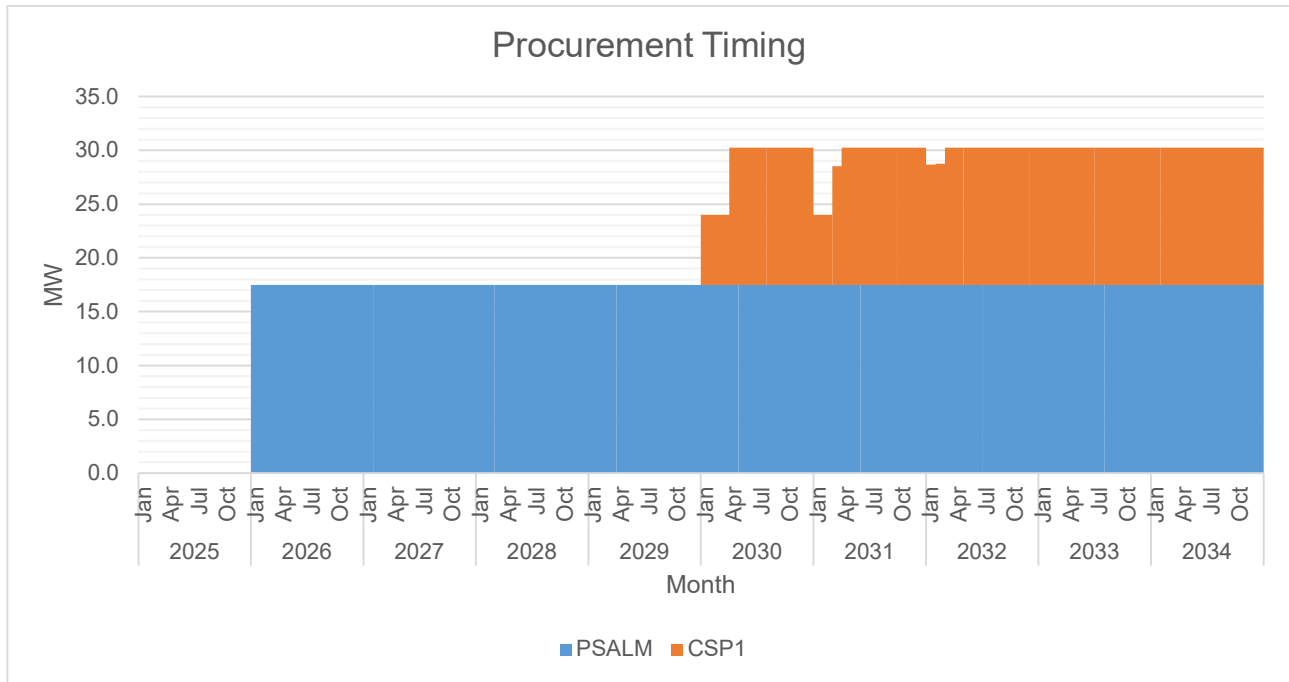
The available supply is generally below the Peak Demand. One of the main reasons is the reduction of PSALM's capacity allocation from 25 MW down to 17.5 MW (firm).



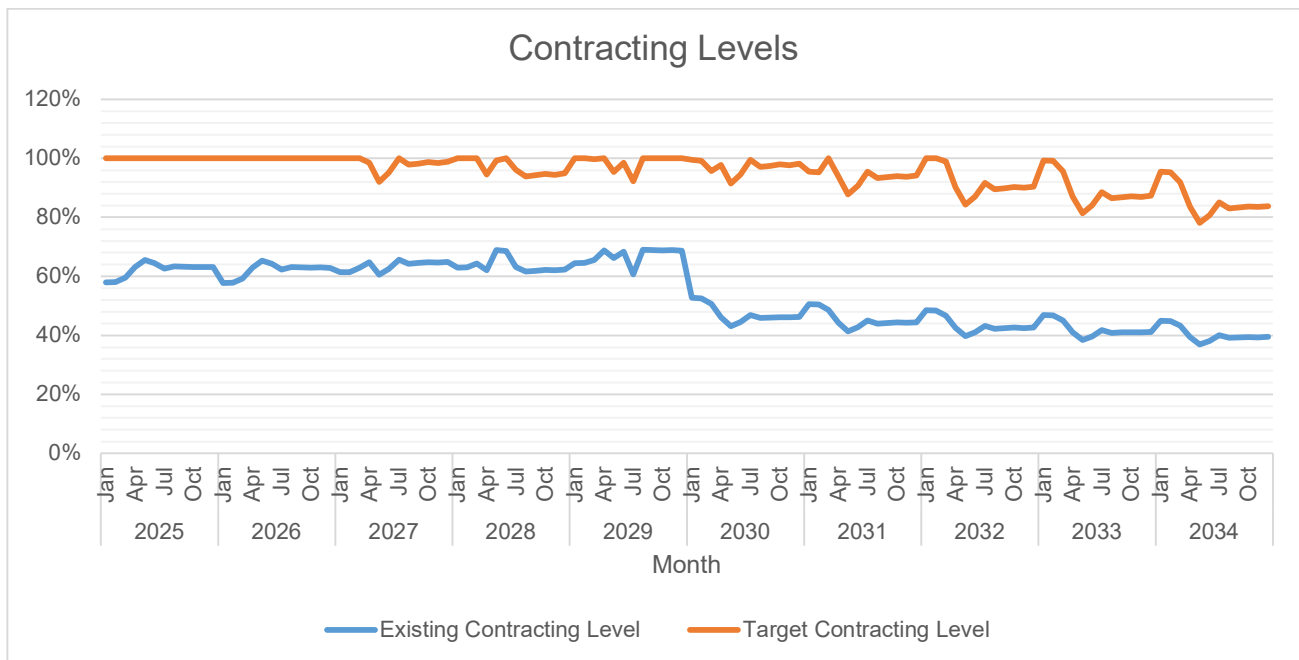
Of the available supply, the largest is 17.5 MW from PSALM. This is followed by 15 MW from SEC with ERC Case No. 2014-178 RC.

ILPI plans to address the forecasted shortage of supply with the combination of the following:

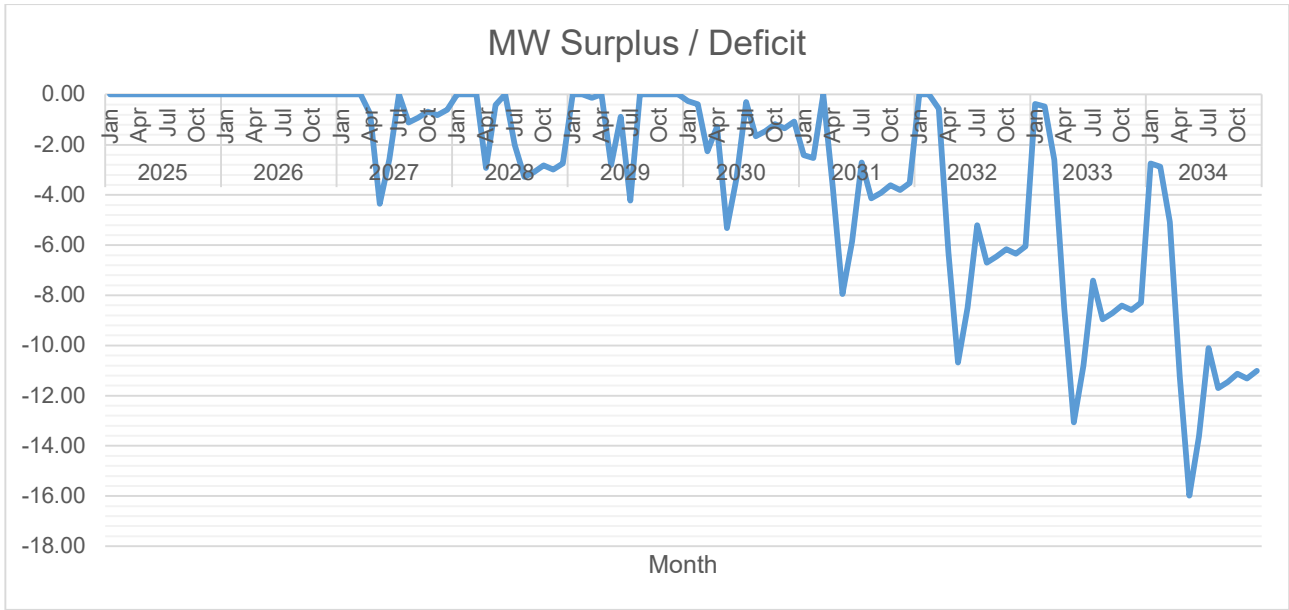
1. WESM
2. CSP1



The first wave of supply procurement will be for 17.5 MW planned to be available by the month of January 2026. This will be followed by January 2030.



Currently, there is under-contacting by 58% due to pending ERC’s approval of PSALM-ILPI CSEE extension for two years. The highest target contracting level is 100% which is expected to occur on January 2025 to April 2027. The lowest target contracting level is 78% which is expected to occur on May 2034.



Currently, there is under-contacting by 17.5 MW. The highest deficit is 15.99 MW which is expected to occur on the month of May 2034. The lowest deficit is 0.13 MW which is expected to occur on the month of March 2029.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	35,335	33,732	1,557	0.13%	4.41%
	Feb	34,845	33,323	1,477	0.13%	4.25%
	Mar	36,103	34,495	1,562	0.13%	4.33%
	Apr	37,457	35,710	1,698	0.13%	4.54%
	May	40,204	38,387	1,765	0.13%	4.40%
	Jun	37,377	35,745	1,583	0.13%	4.24%
	Jul	33,780	32,211	1,525	0.13%	4.52%
	Aug	39,424	37,672	1,700	0.13%	4.32%
	Sep	38,630	36,901	1,679	0.13%	4.35%
	Oct	38,066	36,360	1,657	0.13%	4.36%
	Nov	39,250	37,482	1,717	0.13%	4.38%
	Dec	38,137	36,475	1,612	0.13%	4.23%
2026	Jan	36,377	34,726	1,603	0.13%	4.41%
	Feb	35,873	34,305	1,521	0.13%	4.25%
	Mar	37,168	35,512	1,608	0.13%	4.33%
	Apr	38,562	36,764	1,748	0.13%	4.54%
	May	41,390	39,519	1,817	0.13%	4.40%
	Jun	38,480	36,799	1,630	0.13%	4.24%
	Jul	34,776	33,161	1,570	0.13%	4.52%
	Aug	40,587	38,783	1,750	0.13%	4.32%
	Sep	39,769	37,989	1,728	0.13%	4.35%
	Oct	39,189	37,432	1,706	0.13%	4.36%
	Nov	40,408	38,587	1,768	0.13%	4.38%
	Dec	39,262	37,551	1,660	0.13%	4.23%

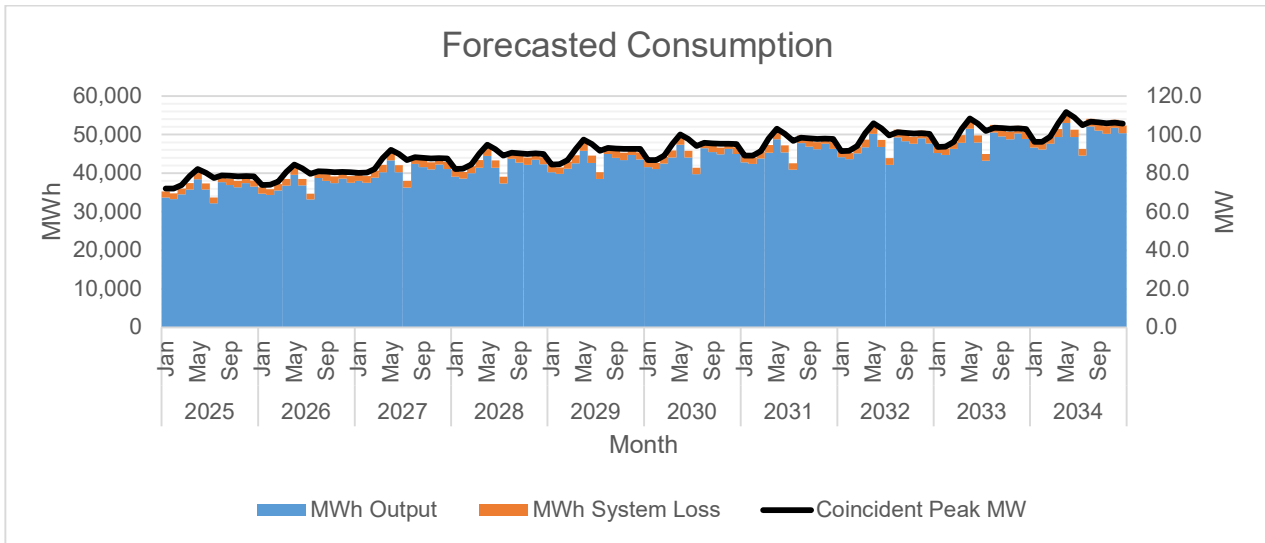
2027	Jan	39,819	38,012	1,755	0.13%	4.41%
	Feb	39,267	37,551	1,665	0.13%	4.25%
	Mar	40,685	38,872	1,760	0.13%	4.33%
	Apr	42,210	40,242	1,913	0.13%	4.54%
	May	45,306	43,258	1,989	0.13%	4.40%
	Jun	42,121	40,281	1,784	0.13%	4.24%
	Jul	38,067	36,299	1,719	0.13%	4.52%
	Aug	44,427	42,453	1,916	0.13%	4.32%
	Sep	43,532	41,584	1,892	0.13%	4.35%
	Oct	42,897	40,974	1,868	0.13%	4.36%
	Nov	44,232	42,239	1,935	0.13%	4.38%
	Dec	42,977	41,104	1,817	0.13%	4.23%
2028	Jan	40,949	39,104	1,792	0.13%	4.38%
	Feb	40,382	38,629	1,700	0.13%	4.22%
	Mar	41,840	39,988	1,797	0.13%	4.30%
	Apr	43,409	41,398	1,955	0.13%	4.51%
	May	46,592	44,500	2,032	0.13%	4.37%
	Jun	43,316	41,438	1,822	0.13%	4.21%
	Jul	39,147	37,341	1,756	0.13%	4.49%
	Aug	45,688	43,672	1,957	0.13%	4.29%
	Sep	44,768	42,778	1,932	0.13%	4.32%
	Oct	44,115	42,150	1,907	0.13%	4.33%
	Nov	45,487	43,451	1,977	0.13%	4.35%
	Dec	44,197	42,284	1,855	0.13%	4.20%
2029	Jan	42,129	40,243	1,831	0.13%	4.35%
	Feb	41,546	39,755	1,737	0.13%	4.19%
	Mar	43,046	41,154	1,836	0.13%	4.27%
	Apr	44,660	42,604	1,998	0.13%	4.48%
	May	47,935	45,797	2,076	0.13%	4.34%
	Jun	44,565	42,646	1,861	0.13%	4.18%
	Jul	40,276	38,429	1,794	0.13%	4.46%
	Aug	47,005	44,945	1,999	0.13%	4.26%
	Sep	46,058	44,024	1,974	0.13%	4.29%
	Oct	45,386	43,378	1,949	0.13%	4.30%
	Nov	46,798	44,718	2,020	0.13%	4.32%
	Dec	45,471	43,517	1,895	0.13%	4.17%
2030	Jan	43,359	41,604	1,699	0.13%	3.92%
	Feb	42,759	41,099	1,604	0.13%	3.76%
	Mar	44,302	42,545	1,699	0.13%	3.84%
	Apr	45,963	44,045	1,858	0.13%	4.05%
	May	49,334	47,346	1,925	0.13%	3.91%
	Jun	45,866	44,087	1,719	0.13%	3.75%
	Jul	41,451	39,729	1,669	0.13%	4.03%
	Aug	48,377	46,465	1,850	0.13%	3.83%
	Sep	47,403	45,513	1,828	0.13%	3.86%
	Oct	46,711	44,845	1,805	0.13%	3.87%
	Nov	48,164	46,230	1,872	0.13%	3.89%

	Dec	46,798	44,988	1,750	0.13%	3.74%
2031	Jan	44,639	42,845	1,735	0.13%	3.89%
	Feb	44,021	42,325	1,638	0.13%	3.73%
	Mar	45,610	43,815	1,736	0.13%	3.81%
	Apr	47,320	45,359	1,899	0.13%	4.02%
	May	50,790	48,758	1,966	0.13%	3.88%
	Jun	47,219	45,403	1,755	0.13%	3.72%
	Jul	42,675	40,914	1,705	0.13%	4.00%
	Aug	49,805	47,851	1,889	0.13%	3.80%
	Sep	48,802	46,871	1,867	0.13%	3.83%
	Oct	48,090	46,183	1,844	0.13%	3.84%
	Nov	49,586	47,609	1,912	0.13%	3.86%
	Dec	48,179	46,330	1,787	0.13%	3.71%
2032	Jan	45,968	44,135	1,773	0.13%	3.86%
	Feb	45,331	43,599	1,673	0.13%	3.70%
	Mar	46,968	45,133	1,774	0.13%	3.78%
	Apr	48,729	46,724	1,941	0.13%	3.99%
	May	52,303	50,226	2,009	0.13%	3.85%
	Jun	48,625	46,769	1,793	0.13%	3.69%
	Jul	43,945	42,146	1,743	0.13%	3.97%
	Aug	51,288	49,291	1,930	0.13%	3.77%
	Sep	50,255	48,282	1,908	0.13%	3.80%
	Oct	49,522	47,573	1,884	0.13%	3.81%
	Nov	51,062	49,042	1,954	0.13%	3.83%
	Dec	49,614	47,724	1,825	0.13%	3.68%
2033	Jan	47,122	45,257	1,804	0.13%	3.83%
	Feb	46,469	44,708	1,701	0.13%	3.67%
	Mar	48,147	46,281	1,804	0.13%	3.75%
	Apr	49,952	47,912	1,975	0.13%	3.96%
	May	53,616	51,503	2,043	0.13%	3.82%
	Jun	49,846	47,958	1,823	0.13%	3.66%
	Jul	45,049	43,217	1,773	0.13%	3.94%
	Aug	52,575	50,544	1,963	0.13%	3.74%
	Sep	51,517	49,509	1,940	0.13%	3.77%
	Oct	50,765	48,783	1,916	0.13%	3.78%
	Nov	52,344	50,289	1,987	0.13%	3.80%
	Dec	50,859	48,938	1,856	0.13%	3.65%
2034	Jan	48,542	46,635	1,843	0.13%	3.80%
	Feb	47,869	46,069	1,738	0.13%	3.64%
	Mar	49,598	47,690	1,843	0.13%	3.72%
	Apr	51,457	49,371	2,019	0.13%	3.93%
	May	55,231	53,071	2,088	0.13%	3.79%
	Jun	51,348	49,419	1,863	0.13%	3.63%
	Jul	46,406	44,533	1,812	0.13%	3.91%
	Aug	54,159	52,083	2,006	0.13%	3.71%
	Sep	53,069	51,017	1,983	0.13%	3.74%
	Oct	52,294	50,268	1,958	0.13%	3.75%

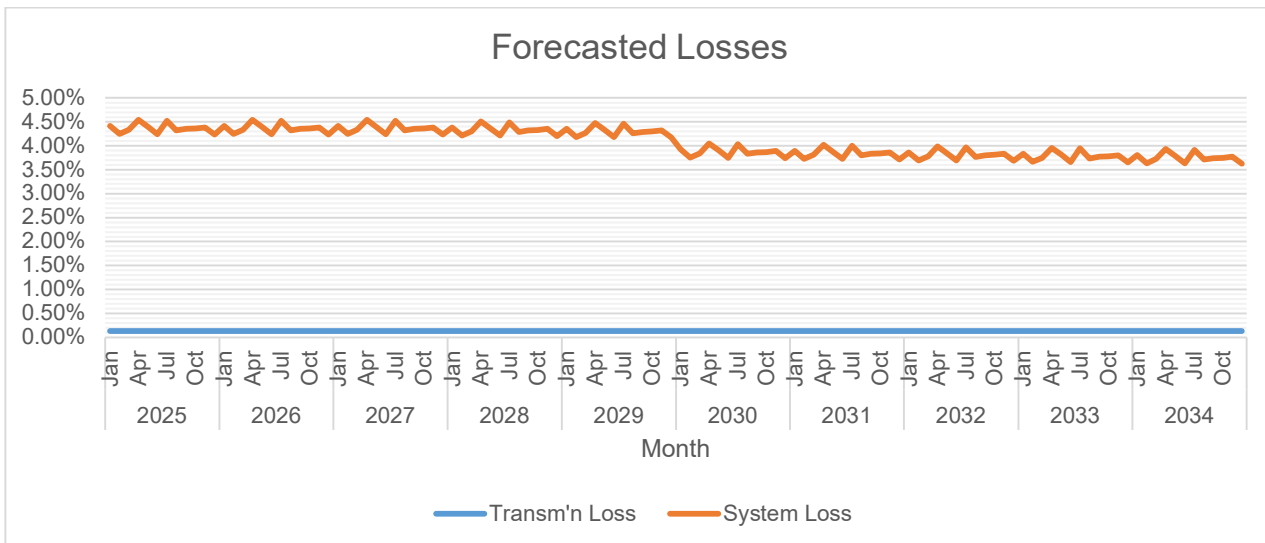
	Nov	53,921	51,820	2,031	0.13%	3.77%
	Dec	52,392	50,428	1,896	0.13%	3.62%

MWh Offtake was forecasted by combining the 10-year forecasted Energy Sales (MWh Sales) and ILPI's 10-year Total System Loss (MWh System Loss). The assumed load factor is 65%, last year's load factor.

System Loss was determined using metered quantities. For segregated system loss, the feeder technical loss was simulated monthly through a Load Flow Study using Synergi software, while the substation and sub-transmission losses were determined based on metered quantities. The non-technical loss was calculated as the residual after subtracting the feeder technical, substation, and sub-transmission losses from the total system loss. Based on the same study, the Distribution System can adequately convey electricity to consumers.



MWh Output is expected to grow at an average rate of 3.68% for the next 10 years.



Transmission Loss is expected to be 0.13% while System Loss is expected to range from 3.62% to 4.54%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	Maximum MW	Maximum MWh/yr	PSA Start	PSA End
2014-178 RC	Base	Sarangani Energy Corporation	6.00	52,560	15.00	131,400	4/26/2016	4/25/2041
2015-007 RC	Base	Power Source Philippines Energy, Inc.	0.00	0	12.00	94,608	1/1/2019	1/1/2044
2011-029 RC	Peaking	Mapalad Energy Generation Corporation	0.00	0	12.75	51,255	12/26/2014	12/25/2029

The **PSA with Sarangani Energy Corporation (SEC) filed with ERC under Case No. 2014-178 RC** was procured through Bilateral Contracting. It was selected to provide for base requirements. In the recent historical year, the utilization of the PSA is 66.1%. The overall monthly charge at 100% load factor under the PSA ranged from 7.5938 P/kWh to 7.9560P/kWh in the same period. Low utilization of SEC supply is attributable to ILPI's dispatch strategy taking advantage of the much lower WESM prices during off-peak intervals.

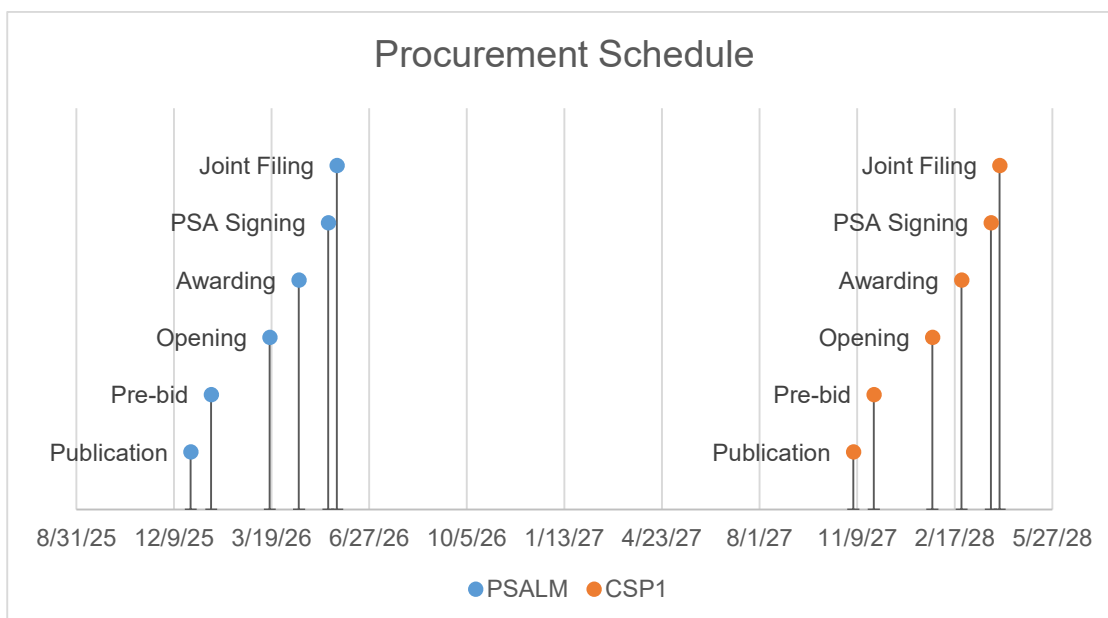
The **PSA with PowerSource Philippines Energy, Inc. (PSPEI) filed with ERC under Case No. 2015-007 RC** was procured through Bilateral Contracting. It was selected to provide for base requirements. In the recent historical year, the utilization of the PSA is both from the Physical Plant and from the Third Party Provider. The overall monthly charge at 100% load factor under the PSA ranged from 7.3996 P/kWh to 9.2700 P/KWh in the same period where the Third Party Provider variable rate is at 4.7000 P/kWh zero-VAT rated.

The **PSA with Mapalad Energy Generating Corporation (MEGC) filed with ERC under Case No. 2011-029 RC** was procured through Bilateral Contracting. It was selected to provide for peaking requirements. In the recent historical year, the utilization of the PSA is for Heat-Run scheduled twice a month and for supply augmentation during load transfer period. The overall monthly charge at 100% load factor under the PSA ranged from 12.8460 P/kWh to 13.0954 P/KWh in the same period.

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	Maximum MW	Maximum MWh/yr	PSA Start	PSA End
2021-107 RC	Intermediate	Power Sector Assets and Liabilities Management Corporation	-	123,431	17.50	124,919	12/26/2024	12/25/2025

The PSA with Power Sector Assets and Liabilities Management Corporation filed with ERC under Case No. 2021-107 RC was procured through the extension of the 2021 – 2023 CSEE. It was selected to provide for intermediate requirements due to its lower prices. Historically, the utilization of the PSA is 108.89% monthly average. The actual billed overall monthly charge under the PSA ranged from 2.6329 P/kWh to 3.0181 P/KWh in the same period.

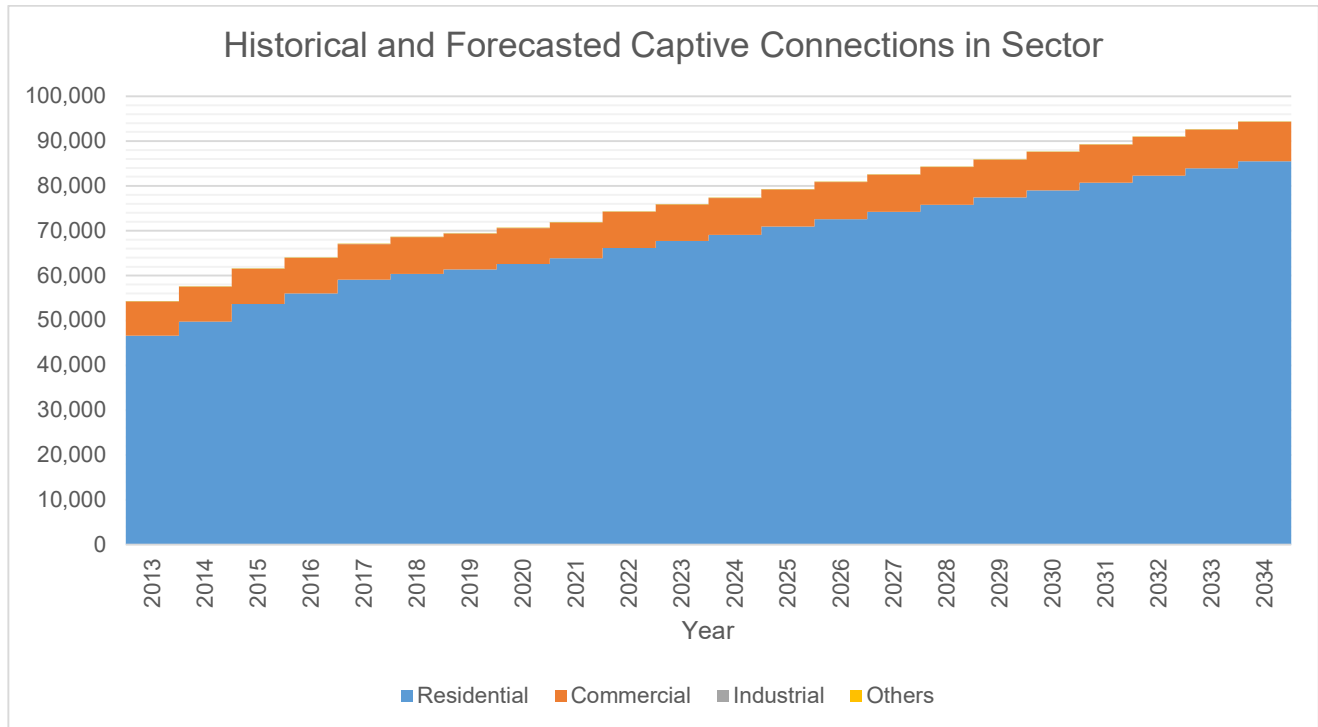
	PSALM	CSP1
Type	Intermediate	Peaking
Minimum MW	-	0.00
Minimum MWh/yr	123,431	0.00
Maximum MW	17.50	12.75
Maximum MWh/yr	124,919	-
PSA Start	12/26/2025	12/26/2029
PSA End	12/25/2034	12/25/2039
Publication	12/26/2025	11/5/2027
Pre-bid	1/16/2026	11/26/2027
Opening	3/17/2026	1/25/2028
Awarding	4/16/2026	2/24/2028
PSA Signing	5/16/2026	3/25/2028
Joint Filing	5/25/2026	4/3/2028



It is assumed that PSALM will continue to supply ILPI within the planning horizon. Hence, ILPI will continue its CSEE with PSALM or its successor until 2034. More so, that AGUS 5, 6, and 7 Hydropower Plants (with a combined dependable capacity of 279 MW) are located in Iligan City and the political leadership would continue to push for allocation that it believes the city is entitled to.

For the procurement of peaking type supply which is planned to be available on December 2029, the first publication or launch of CSP will be on November 5, 2027. Joint filing is planned on April 3, 2028, or 150 days later, in accordance with DOE's 2023 CSP Policy. ILPI will be needing any embedded technology that can readily supply its peaking requirements and to augment the capacity limitation of ILPI Metering 5 during load transfer period. ILPI intended not to specify the maximum annual energy of CSP1, as shown in the table above, due to the variability of load factor during peak hours.

Captive Customer Connections



The number of residential connections is expected to grow at an average rate of 2.16% for the next 10 years. Said customer class is expected to account for 57.32% of the total consumption.