



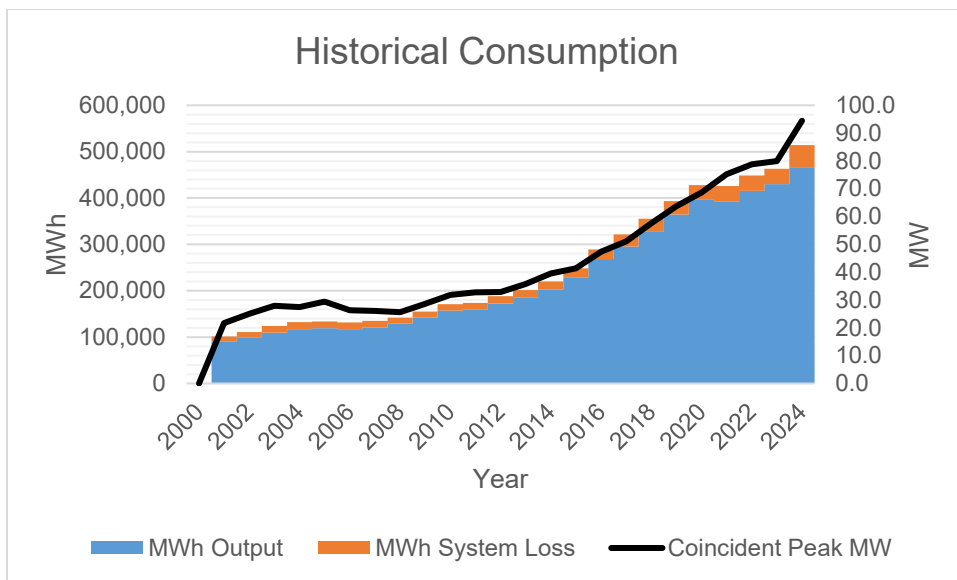
Power Supply Procurement Plan (PSPP) 2025-2034

TARLAC II ELECTRIC COOPERATIVE, INC.
TARELCO II

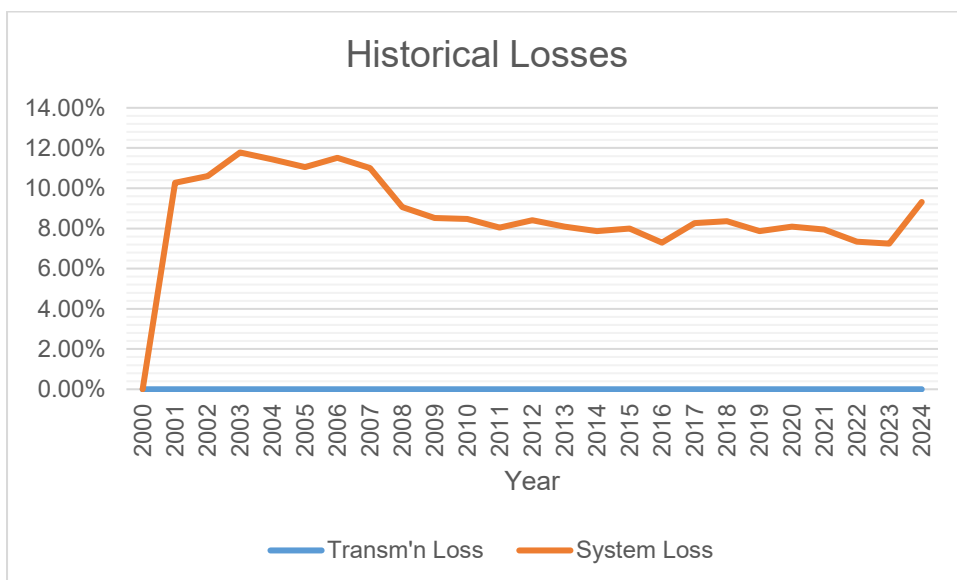
Historical Consumption Data

	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	21.74	100,834	0	100,834	90,710	10,359	53%	0.23%	0.00%	10.27%
2002	25.01	110,636	0	110,636	99,134	11,734	50%	0.21%	0.00%	10.61%
2003	27.91	124,120	0	124,120	109,789	14,619	51%	0.23%	0.00%	11.78%
2004	27.50	131,959	0	131,959	117,135	15,090	55%	0.20%	0.00%	11.44%
2005	29.43	133,359	0	133,359	118,902	14,744	52%	0.21%	0.00%	11.06%
2006	26.27	131,740	0	131,740	116,826	15,174	57%	0.20%	0.00%	11.52%
2007	26.13	135,063	0	135,063	120,468	14,862	59%	0.20%	0.00%	11.00%
2008	25.67	141,580	0	141,580	129,059	12,828	63%	0.22%	0.00%	9.06%
2009	28.59	154,845	12,347	154,845	141,979	13,197	62%	0.21%	0.00%	8.52%
2010	31.84	170,996	22,460	170,996	156,881	14,488	61%	0.22%	0.00%	8.47%
2011	32.73	173,380	22,448	173,380	159,798	13,954	60%	0.21%	0.00%	8.05%
2012	32.90	187,620	28,245	187,620	172,259	15,763	65%	0.21%	0.00%	8.40%
2013	35.75	200,980	141,727	200,980	185,164	16,258	64%	0.22%	0.00%	8.09%
2014	39.58	217,880	66,451	217,880	203,034	17,136	63%	1.05%	0.00%	7.86%
2015	41.39	242,006	14,176	242,006	229,091	19,356	67%	2.66%	0.00%	8.00%
2016	47.39	284,746	10,642	284,746	268,544	20,769	69%	1.60%	0.00%	7.29%
2017	51.03	309,816	45,098	309,816	295,608	25,622	69%	3.68%	0.00%	8.27%
2018	57.65	338,756	73,524	338,756	327,219	28,302	67%	4.95%	0.00%	8.35%
2019	63.73	373,941	71,939	373,941	364,324	29,413	67%	5.29%	0.00%	7.87%
2020	68.63	394,348	42,901	394,348	396,330	31,884	66%	8.59%	0.00%	8.09%
2021	75.21	425,981	65,484	425,981	392,138	33,843	65%	0.00%	0.00%	7.94%
2022	78.78	448,700	18,177	448,700	415,766	32,934	65%	0.00%	0.00%	7.34%
2023	79.98	463,267	81,676	463,267	429,676	33,591	66%	0.00%	0.00%	7.25%
2024	94.47	514,509	124,354	514,509	466,619	47,890	62%	0.00%	0.00%	9.31%

The Peak Demand increased from 79.98 MW in year 2023 to 94.47 MW in year 2024, at a rate of 18.11% attributable to the additional load and increase in demand of MCOs. MWh Offtake increased from 463,267 MWh in year 2023 to 514,509 MWh in year 2024 at a rate of 11.06% attributable to additional load and increase in consumption. Within the same period, Load Factor ranged from 66% to 62%.



MWh Output increased from year 2023 to year 2024 at a rate of 8.60%; while MWh System Loss increased at a rate of 42.57% within the same period.

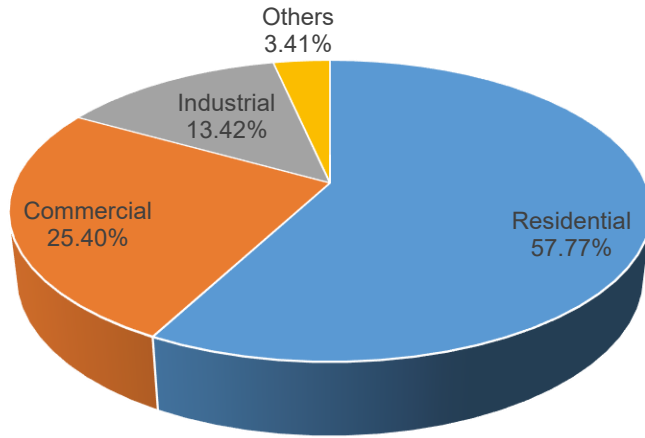


Historically, System Loss ranged from 7.87% to 9.31% from year 2019 to 2024. System Loss peaked at 9.31% on year 2024 due to overloaded distribution feeder lines which included resistive losses of 13.2 kV feeder; resistive losses in windings and the core losses of service transformer; resistive losses in low tension line, kilowatt hour meter loss and resistive losses in service cable.

Factors that contributed to the negative values in non-technical losses are:

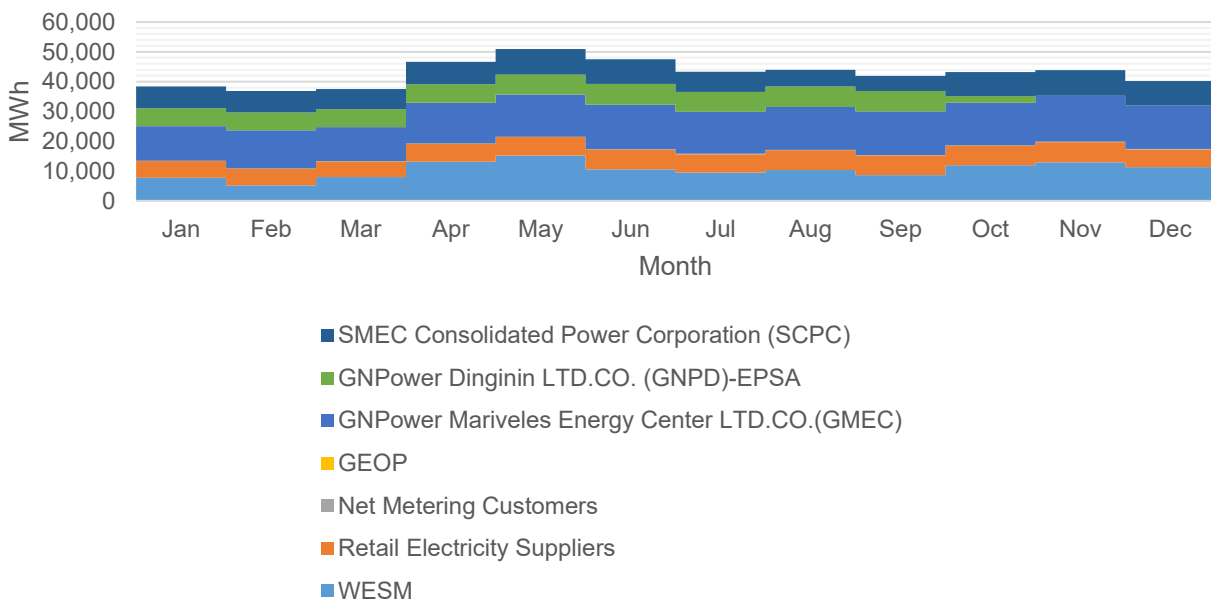
1. Direct tapping on the EC's lines due to damaged meter;
2. Newly Connected Meters (New Connections) are billed on the following/next billing period. This practice is also applied to meters of sole users;
3. Adjustments on billing;
4. Reading schedules of special accounts such as Commercial and Industrial (conducted from the 26th day of the month up to the 7th day of the following month). NGCP reading, on the other hand, falls on the 26th day of the present month.

Previous Year's Shares of Energy Sales

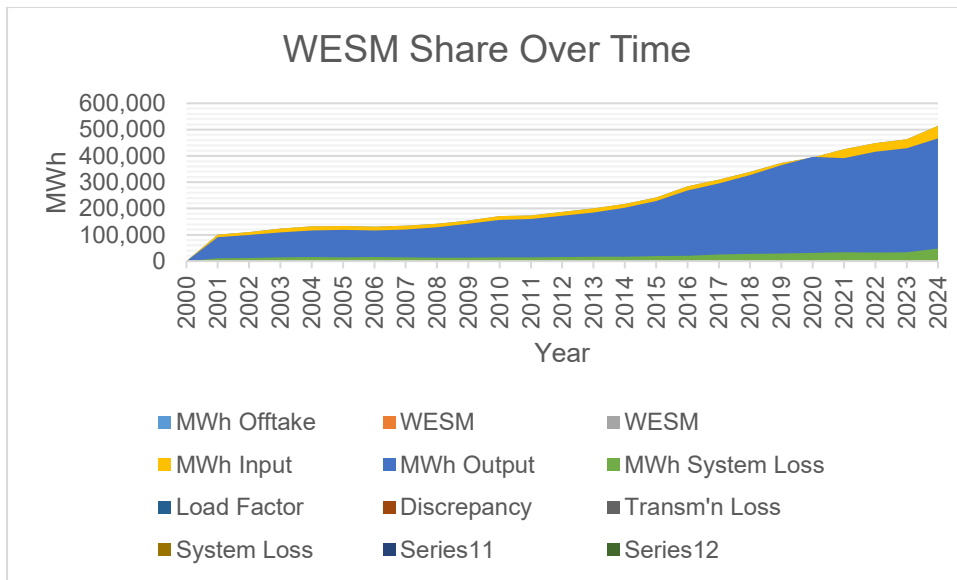


Residential customers represent the largest portion of energy sales at 57.77% which primarily attributed to the high number of connections in this sector. In comparison, other customer categories, such as public buildings and streetlights, contribute only 3.41% to energy sales due to their relatively low number of connections. Commercial customers account for 25.40% of energy sales, while industrial customers make up 13.42%. As such, residential customers are the majority end users of Tarelco II's services.

MWh Offtake for Last Historical Year



For the year 2024, the total MWh Offtake is 514,501 as compared to 463,267 for the year 2023 with an increase of 51,242 or 11.06%. The highest monthly offtake in year 2024 was recorded in May, reaching 50,946.82 MWh. The Power Supply Agreements (PSAs) with GNPowder Mariveles Energy Center Ltd. Co. (GMEC); SMC Consolidated Power Corporation (SCPC); and GNPowder Dinginin Ltd. Co. (GNPD) collectively accounted for the majority of the total MWh offtake.



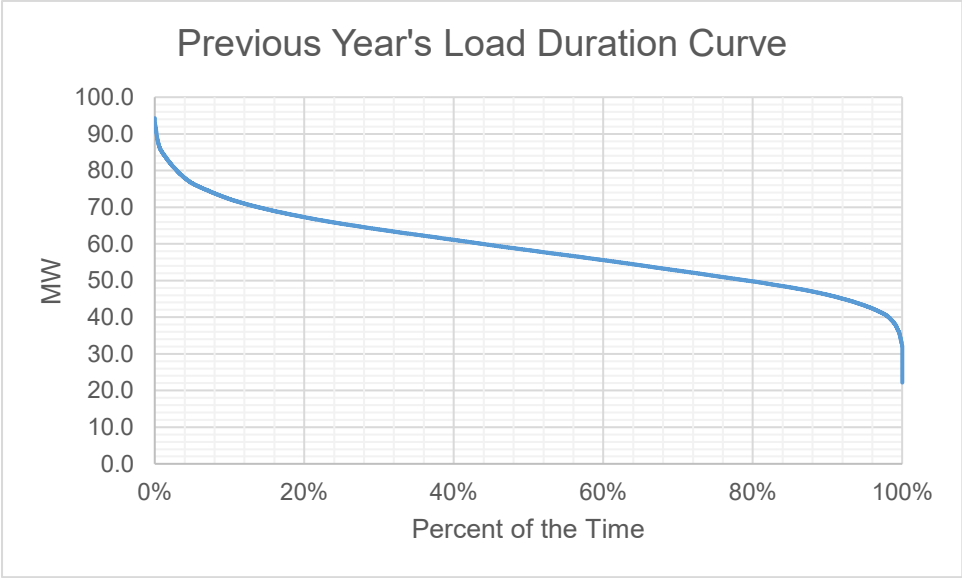
WESM offtake increased significantly from 81,676 MWh in year 2023 to 124,354 MWh in year 2024, reflecting a growth rate of 52%. The increase in WESM power purchases was driven by the continuous rise in demand within the franchise area.

The planned 10 MW power supply from the Bunker Fuel Power Plant was not pursued due to the disapproval of its application by the ERC (with pending Motion for Reconsideration). The expected aggregation with the 10 MW supply also faced unforeseen delays. Meanwhile the (2)- 5 MW solar plant was scheduled to be fully operational in year 2024; however, the processing of its application with the ERC was delayed as well.

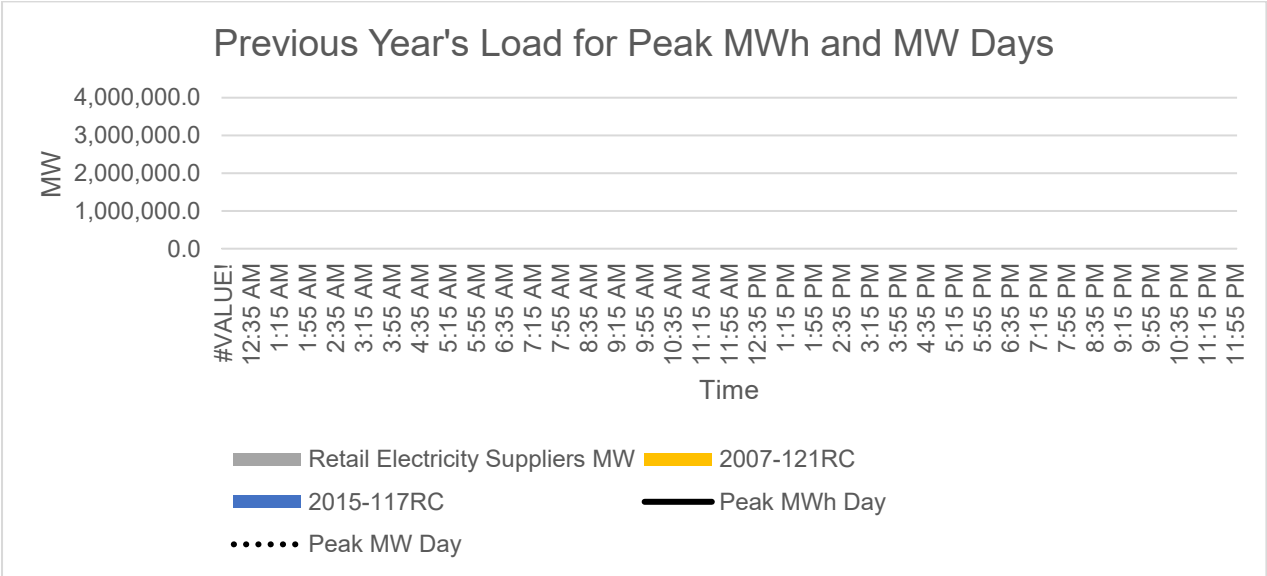
The share of WESM in the total Offtake for year 2023 is 17.63% and 24% for year 2024.

For MWh input, the same value of MWh offtake was encoded in the MWh input as there were no data source and no metering device to measure the MWh transmission loss which is to be subtracted from MWh offtake. Request was made with NGCP for the MWh transmission loss data; however, only the total value of transmission loss for Luzon was provided, and NGCP has no other means to segregate the data applied only to TARELCO II.

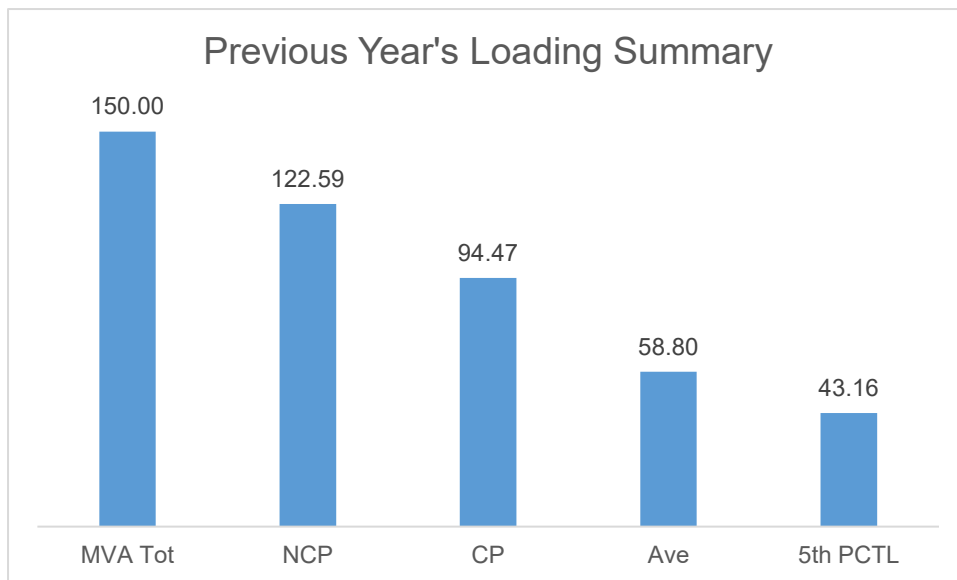
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 22.16 MW and the maximum load is 94.47 MW for the last historical year.



Peak demand of 94.47MW occurred at 02:50 pm on May 13, 2024 due to high temperature. As shown in the Load Curves, the available supply is lower than the Peak Demand.



The Non-Coincident Peak Demand is 122.59 MW, representing approximately 82% of the total substation capacity of 150 MVA, and corresponding to a power factor of 82%. The Load Factor, which is the ratio between the Average Load 58.80MW and the Non-Coincident Peak Demand, is 47.96%. Additionally, the fifth percentile load, a safe estimate of the true minimum load, is 43.16MW, representing 35.19% of the Non-Coincident Peak Demand.

Metering Point	NGCP Substation Point (MVA)	Substation Peak MW
Metering I Sta. Rosa, Concepcion Tarlac to Zaragoza Nueva Ecija Subtransmission Line	80	76.61
Metering II Sta. Rosa, Concepcion to Bamban, Tarlac Subtransmission Line	70	45.98

Table 5.0 shows the remaining months of each substations to reach the 70% loading and it also indicates that the EC should start planning for the solutions. There are six (6) substations namely Jefmin, Dolores, O'Donnell, Rizal, Dapdap and Anupul are considered in the next 2026-2028 planning horizon.

Table 5.0 Substation maximum capacity

Transformer	Max MVA	Months to Reach 70%
Zaragoza S/S	12.50	76
Rizal S/S	12.50	53
Sto. Rosario S/S	25.00	77
Jefmin S/S	25.00	29
San Nicolas Balas S/S	25.00	N/A
Dolores S/S	37.50	52
O'Donnell S/S	12.50	3
Dapdap S/S	12.50	41
Anupul S/S	25.00	28

In accordance with ERC Resolution No. 20, Series of 2011, the timelines for filing Multi-Year Capital Expenditure (CAPEX) applications for the TGP Entrant Group specifically for Electric Cooperatives (ECs) under RSEC-WR, including TARELCO II as a First Entrant, are outlined as follows:

Table 5.1 - Timelines for filing Multi-Year CAPEX

Entrant Group	Regulatory Period CAPEX Filing	CAPEX Plan Coverage
1	April 2022	2023-2025
2	April 2023	2024-2026
3	April 2024	2025-2027
1	April 2025	2026-2028
2	April 2026	2027-2029
3	April 2027	2028-2030

The issues stated above will be solved by the following solutions:

1. EC is taking the opportunity to include O'Donnell Substation in the next 2025 regulatory period CAPEX filling as shown in the table 5.1 by including the upgrade of existing 10 MVA to 20 MVA power transformer project and also;
2. The remaining five (5) Substations namely Jefmin, Dolores, Rizal, Dapdap and Anupul will be solved by substation level load balancing thru redistributing electrical load across different feeder lines.

Forecasted Consumption Data

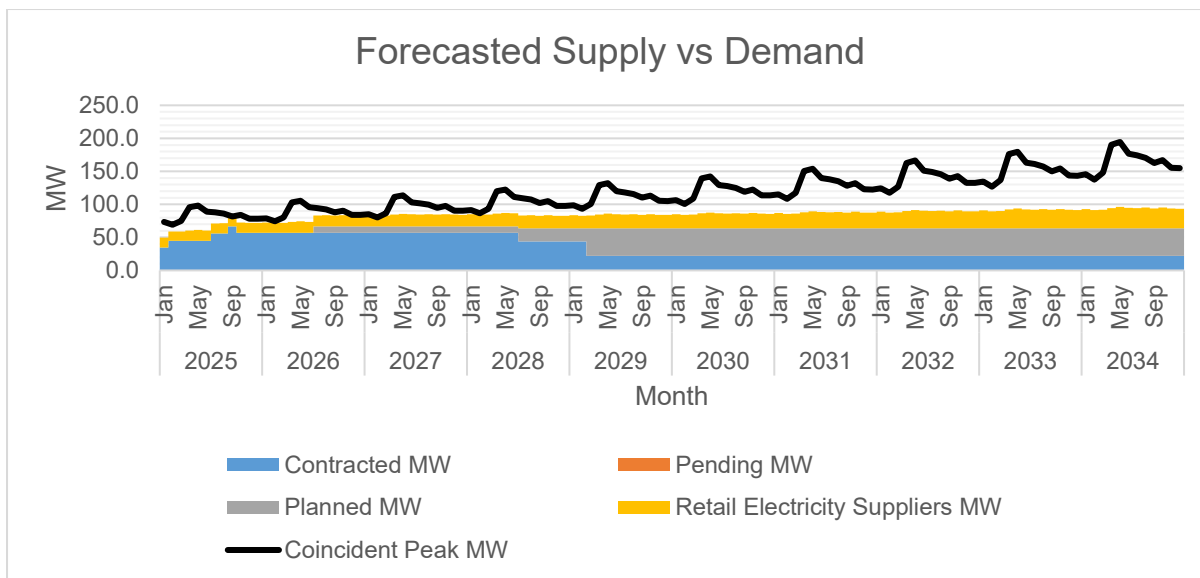
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2025	Jan	73.37	34.91	0.00	0.000	14.61	59%	59%	-23.84
	Feb	69.22	44.91	0.00	0.000	13.91	81%	81%	-10.39
	Mar	74.79	44.91	0.00	0.000	14.19	74%	74%	-15.70
	Apr	96.01	44.91	0.00	0.000	15.39	56%	56%	-35.71
	May	98.09	44.91	0.00	0.000	16.24	55%	55%	-36.93
	Jun	89.06	44.91	0.00	0.000	15.58	61%	61%	-28.57
	Jul	87.80	55.91	0.00	0.000	15.20	77%	77%	-16.69
	Aug	85.91	55.91	0.00	0.000	15.67	80%	80%	-14.33
	Sep	81.89	66.91	0.00	0.000	15.12	100%	100%	0.14
	Oct	84.23	56.91	0.00	0.000	15.78	83%	83%	-11.54
	Nov	78.29	56.91	0.00	0.000	15.15	90%	90%	-6.23
	Dec	78.17	56.91	0.00	0.000	14.89	90%	90%	-6.37
2026	Jan	78.92	56.91	0.00	0.000	15.72	90%	90%	-6.29
	Feb	74.45	56.91	0.00	0.000	14.96	96%	96%	-2.58
	Mar	80.46	56.91	0.00	0.000	15.26	87%	87%	-8.29
	Apr	103.28	56.91	0.00	0.000	16.56	66%	66%	-29.81
	May	105.51	56.91	0.00	0.000	17.47	65%	65%	-31.13
	Jun	95.81	56.91	0.00	0.000	16.76	72%	72%	-22.13
	Jul	94.45	56.91	0.00	10.000	16.35	73%	86%	-11.18
	Aug	92.42	56.91	0.00	10.000	16.86	75%	89%	-8.65
	Sep	88.09	56.91	0.00	10.000	16.26	79%	93%	-4.91
	Oct	90.60	56.91	0.00	10.000	16.97	77%	91%	-6.72
	Nov	84.22	56.91	0.00	10.000	16.29	84%	99%	-1.01
	Dec	84.09	56.91	0.00	10.000	16.02	84%	98%	-1.16
2027	Jan	84.96	56.91	0.00	10.000	16.92	84%	98%	-1.13
	Feb	80.15	56.91	0.00	10.000	16.11	89%	104%	2.87
	Mar	86.61	56.91	0.00	10.000	16.43	81%	95%	-3.28
	Apr	111.18	56.91	0.00	10.000	17.82	61%	72%	-26.45

	May	113.59	56.91	0.00	10.000	18.81	60%	71%	-27.87
	Jun	103.14	56.91	0.00	10.000	18.05	67%	79%	-18.18
	Jul	101.68	56.91	0.00	10.000	17.61	68%	80%	-17.16
	Aug	99.49	56.91	0.00	10.000	18.15	70%	82%	-14.44
	Sep	94.83	56.91	0.00	10.000	17.51	74%	87%	-10.41
	Oct	97.54	56.91	0.00	10.000	18.27	72%	84%	-12.36
	Nov	90.66	56.91	0.00	10.000	17.54	78%	92%	-6.21
	Dec	90.53	56.91	0.00	10.000	17.25	78%	91%	-6.37
2028	Jan	91.55	56.91	0.00	10.000	18.23	78%	91%	-6.40
	Feb	86.37	56.91	0.00	10.000	17.36	82%	97%	-2.10
	Mar	93.33	56.91	0.00	10.000	17.70	75%	88%	-8.72
	Apr	119.80	56.91	0.00	10.000	19.21	57%	67%	-33.68
	May	122.39	56.91	0.00	10.000	20.27	56%	66%	-35.21
	Jun	111.14	56.91	0.00	10.000	19.44	62%	73%	-24.78
	Jul	109.56	44.00	0.00	20.000	18.97	49%	71%	-26.59
	Aug	107.20	44.00	0.00	20.000	19.55	50%	73%	-23.65
	Sep	102.18	44.00	0.00	20.000	18.87	53%	77%	-19.32
	Oct	105.10	44.00	0.00	20.000	19.69	52%	75%	-21.41
	Nov	97.69	44.00	0.00	20.000	18.90	56%	81%	-14.79
	Dec	97.55	44.00	0.00	20.000	18.58	56%	81%	-14.96
2029	Jan	98.73	44.00	0.00	20.000	19.66	56%	81%	-15.07
	Feb	93.15	44.00	0.00	20.000	18.72	59%	86%	-10.42
	Mar	100.65	22.00	0.00	42.000	19.09	27%	78%	-17.56
	Apr	129.20	22.00	0.00	42.000	20.71	20%	59%	-44.49
	May	132.00	22.00	0.00	42.000	21.86	20%	58%	-46.14
	Jun	119.86	22.00	0.00	42.000	20.97	22%	65%	-34.89
	Jul	118.16	22.00	0.00	42.000	20.46	23%	66%	-33.70
	Aug	115.62	22.00	0.00	42.000	21.09	23%	68%	-30.53
	Sep	110.20	22.00	0.00	42.000	20.35	24%	71%	-25.85
	Oct	113.35	22.00	0.00	42.000	21.23	24%	69%	-28.12
	Nov	105.36	22.00	0.00	42.000	20.38	26%	75%	-20.97
	Dec	105.20	22.00	0.00	42.000	20.04	26%	75%	-21.16
2030	Jan	106.57	22.00	0.00	42.000	21.22	26%	75%	-21.34

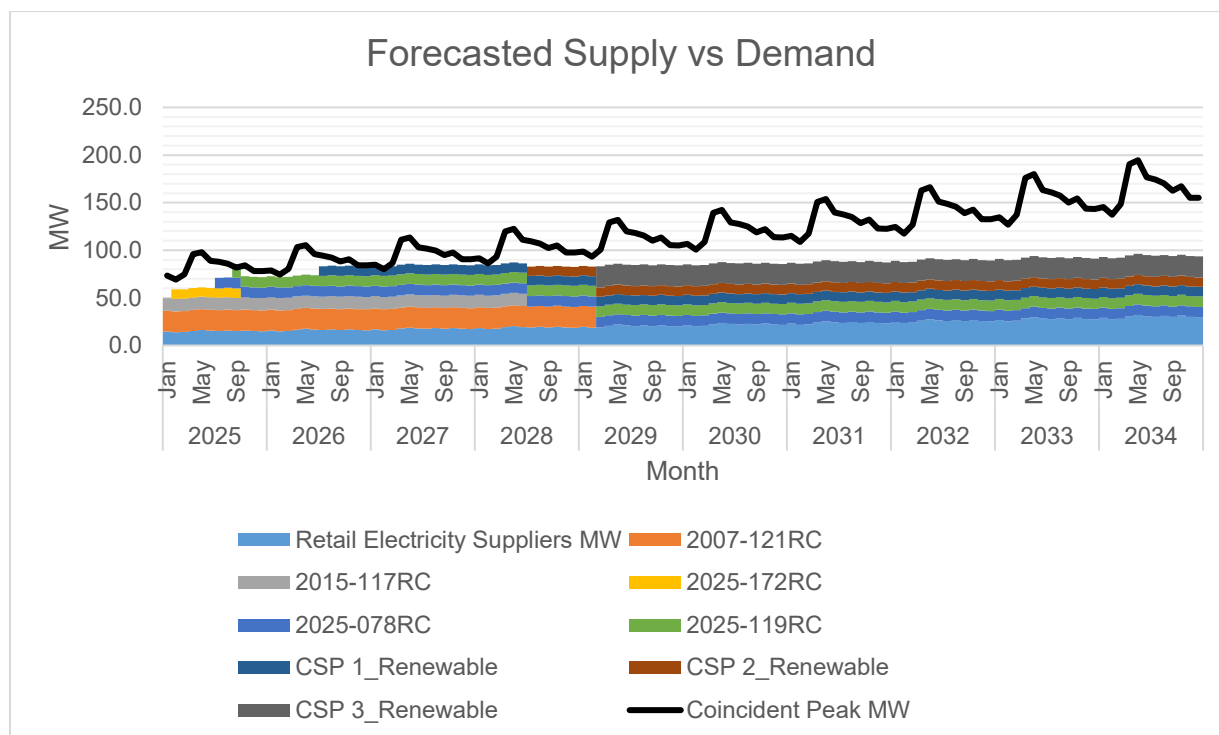
	Feb	100.54	22.00	0.00	42.000	20.21	27%	80%	-16.33
	Mar	108.64	22.00	0.00	42.000	20.60	25%	73%	-24.04
	Apr	139.46	22.00	0.00	42.000	22.36	19%	55%	-53.10
	May	142.47	22.00	0.00	42.000	23.59	19%	54%	-54.88
	Jun	129.37	22.00	0.00	42.000	22.64	21%	60%	-42.73
	Jul	127.54	22.00	0.00	42.000	22.08	21%	61%	-41.45
	Aug	124.79	22.00	0.00	42.000	22.76	22%	63%	-38.03
	Sep	118.95	22.00	0.00	42.000	21.96	23%	66%	-32.99
	Oct	122.35	22.00	0.00	42.000	22.92	22%	64%	-35.43
	Nov	113.72	22.00	0.00	42.000	22.00	24%	70%	-27.72
	Dec	113.55	22.00	0.00	42.000	21.63	24%	70%	-27.92
2031	Jan	115.11	22.00	0.00	42.000	22.93	24%	69%	-28.18
	Feb	108.60	22.00	0.00	42.000	21.83	25%	74%	-22.77
	Mar	117.35	22.00	0.00	42.000	22.26	23%	67%	-31.09
	Apr	150.64	22.00	0.00	42.000	24.15	17%	51%	-62.49
	May	153.90	22.00	0.00	42.000	25.48	17%	50%	-64.41
	Jun	139.74	22.00	0.00	42.000	24.45	19%	56%	-51.29
	Jul	137.76	22.00	0.00	42.000	23.85	19%	56%	-49.91
	Aug	134.80	22.00	0.00	42.000	24.59	20%	58%	-46.21
	Sep	128.48	22.00	0.00	42.000	23.72	21%	61%	-40.76
	Oct	132.15	22.00	0.00	42.000	24.76	20%	60%	-43.40
	Nov	122.84	22.00	0.00	42.000	23.77	22%	65%	-35.07
	Dec	122.65	22.00	0.00	42.000	23.37	22%	64%	-35.29
2032	Jan	124.41	22.00	0.00	42.000	24.78	22%	64%	-35.63
	Feb	117.38	22.00	0.00	42.000	23.59	23%	68%	-29.79
	Mar	126.84	22.00	0.00	42.000	24.06	21%	62%	-38.78
	Apr	162.81	22.00	0.00	42.000	26.10	16%	47%	-72.71
	May	166.33	22.00	0.00	42.000	27.54	16%	46%	-74.79
	Jun	151.04	22.00	0.00	42.000	26.43	18%	51%	-60.61
	Jul	148.90	22.00	0.00	42.000	25.78	18%	52%	-59.11
	Aug	145.69	22.00	0.00	42.000	26.57	18%	54%	-55.12
	Sep	138.87	22.00	0.00	42.000	25.64	19%	57%	-49.23
	Oct	142.84	22.00	0.00	42.000	26.76	19%	55%	-52.08

	Nov	132.76	22.00	0.00	42.000	25.69	21%	60%	-43.08
	Dec	132.57	22.00	0.00	42.000	25.26	21%	60%	-43.31
2033	Jan	134.53	22.00	0.00	42.000	26.79	20%	59%	-43.74
	Feb	126.92	22.00	0.00	42.000	25.51	22%	63%	-37.41
	Mar	137.15	22.00	0.00	42.000	26.01	20%	58%	-47.14
	Apr	176.06	22.00	0.00	42.000	28.23	15%	43%	-83.83
	May	179.86	22.00	0.00	42.000	29.79	15%	43%	-86.08
	Jun	163.32	22.00	0.00	42.000	28.58	16%	47%	-70.75
	Jul	161.01	22.00	0.00	42.000	27.88	17%	48%	-69.13
	Aug	157.55	22.00	0.00	42.000	28.73	17%	50%	-64.81
	Sep	150.17	22.00	0.00	42.000	27.73	18%	52%	-58.44
	Oct	154.45	22.00	0.00	42.000	28.93	18%	51%	-61.52
	Nov	143.56	22.00	0.00	42.000	27.78	19%	55%	-51.79
	Dec	143.35	22.00	0.00	42.000	27.31	19%	55%	-52.04
2034	Jan	145.52	22.00	0.00	42.000	28.98	19%	55%	-52.54
	Feb	137.29	22.00	0.00	42.000	27.59	20%	58%	-45.70
	Mar	148.36	22.00	0.00	42.000	28.14	18%	53%	-56.22
	Apr	190.44	22.00	0.00	42.000	30.53	14%	40%	-95.91
	May	194.56	22.00	0.00	42.000	32.22	14%	39%	-98.34
	Jun	176.66	22.00	0.00	42.000	30.91	15%	44%	-81.75
	Jul	174.16	22.00	0.00	42.000	30.16	15%	44%	-80.00
	Aug	170.41	22.00	0.00	42.000	31.08	16%	46%	-75.33
	Sep	162.43	22.00	0.00	42.000	29.99	17%	48%	-68.44
	Oct	167.07	22.00	0.00	42.000	31.30	16%	47%	-71.77
	Nov	155.29	22.00	0.00	42.000	30.05	18%	51%	-61.25
	Dec	155.06	22.00	0.00	42.000	29.54	18%	51%	-61.52

The Peak Demand was forecasted using the NEA calculator and is assumed to occur in May, based on historical data. This is attributed to high electricity consumption during academic breaks and the continuous operation of commercial and industrial establishments. Conversely, Monthly Peak Demand is expected to be at its lowest in February 2025 due to colder weather. Overall, Peak Demand is projected to grow at an average annual rate of 7.91%.



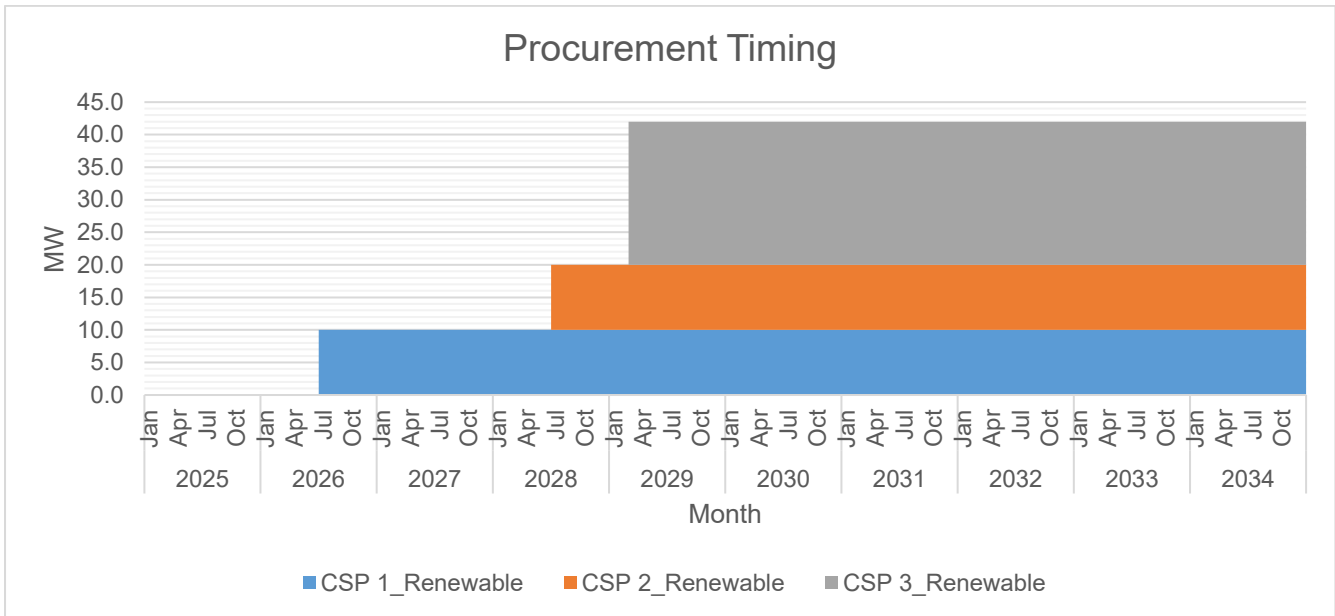
The planned supply is generally below the forecasted demand, particularly during the peak months from March to July. During the summer season, 92.5% of the EC's consumers, primarily residential customers, spend most of their time at home, utilizing their electric appliances, which lead to higher electricity demand.



The chart above illustrates the difference between and among the forecasted demand, existing and proposed power supply.

The existing contracted power supply amounts to 66.91 MW; while the proposed planned supply totals 42 MW. The largest component of the existing supply is 22 MW from GNPowder Mariveles Coal Plant Ltd. Co. (ERC Case No. 2007-121 RC), followed by 12.911 MW from SMC Consolidated Power Corporation (ERC Case No. 2015-117 RC), 11 MW from Therma Luzon, Inc. (TLI), and 11 MW from Masinloc Power Partners Company, Ltd. The 10 MW supply from Southwest Luzon Power Generation Corporation which expired on September 25, 2025.

As part of the Electric Cooperative's (EC) plan, there is a proposal for a two (2) - 10 MW and 22 MW baseload supply, preferably from a renewable energy source, if feasible.

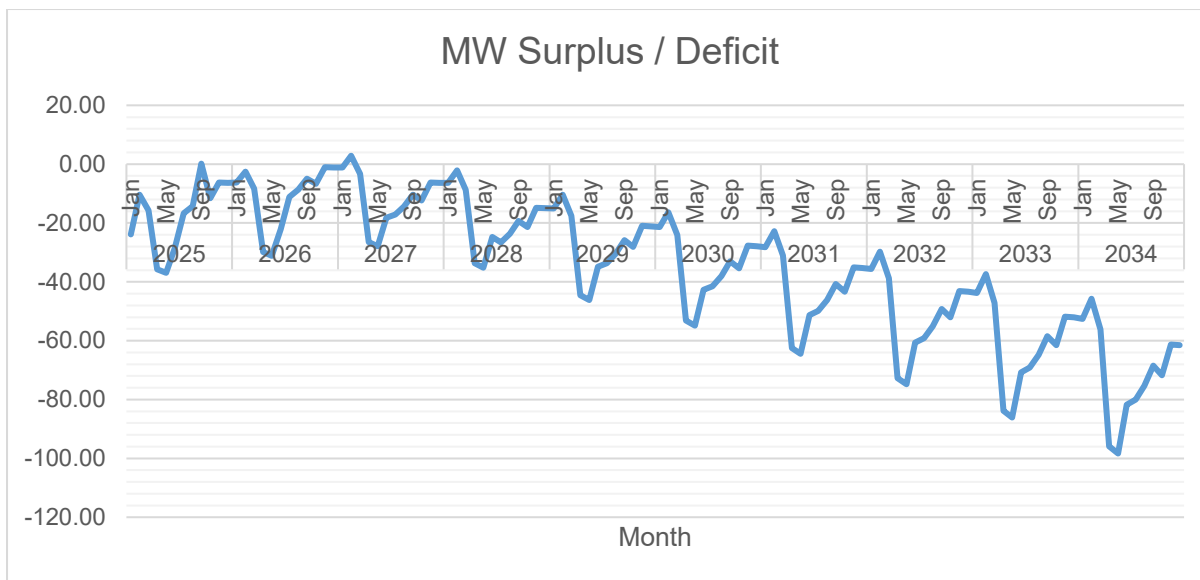


To address the anticipated shortage in power supply, the Management plans to execute new contracts with potential power suppliers upon completion of the required Competitive Selection Process (CSP), preferably from renewable energy sources. The proposed contracts are as follows:

- 10 MW baseload, with an expected delivery date of June 26, 2026;
- 10 MW baseload, with an expected delivery date of June 26, 2028; and
- 22 MW baseload supply, with an expected delivery date of February 26, 2029.



Currently, there is under-contracting of the power supply based on the graph; however, all deficit supply will be purchased from the WESM. The highest target contracting level is 104% which is expected to occur on February 2026. The lowest target contracting level is 39% which is expected to occur on May 2034.



The highest Surplus is 2.87MW which is expected to occur during the month of February 2027. The highest deficit is -98.34 MW which is expected to occur during the month of May 2034.

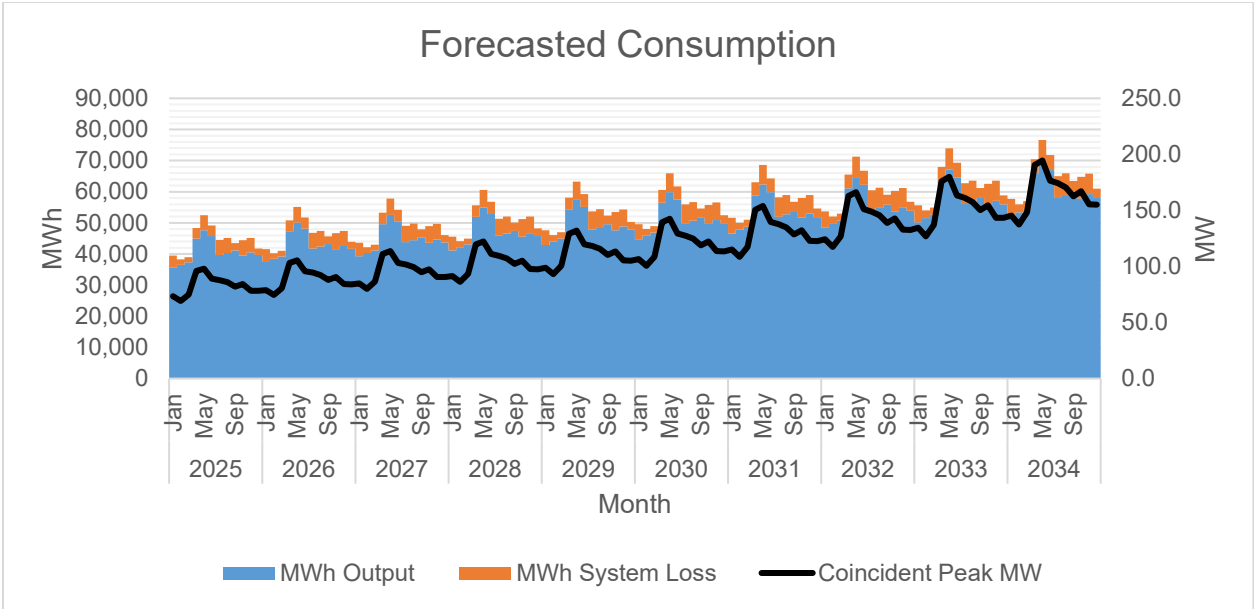
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	39,539	35,618	3,921	0.00%	9.92%
	Feb	38,287	36,554	1,733	0.00%	4.53%
	Mar	39,005	37,319	1,686	0.00%	4.32%
	Apr	48,292	44,976	3,316	0.00%	6.87%
	May	52,491	47,640	4,851	0.00%	9.24%
	Jun	49,191	45,781	3,409	0.00%	6.93%
	Jul	44,555	39,723	4,832	0.00%	10.85%
	Aug	45,152	40,342	4,810	0.00%	10.65%
	Sep	43,468	41,123	2,345	0.00%	5.39%
	Oct	44,411	39,531	4,880	0.00%	10.99%
	Nov	45,106	40,512	4,594	0.00%	10.18%
	Dec	41,786	39,675	2,111	0.00%	5.05%
2026	Jan	41,555	37,444	4,112	0.00%	9.90%
	Feb	40,246	38,428	1,818	0.00%	4.52%
	Mar	41,000	39,232	1,768	0.00%	4.31%
	Apr	50,759	47,281	3,478	0.00%	6.85%
	May	55,170	50,082	5,088	0.00%	9.22%
	Jun	51,703	48,128	3,575	0.00%	6.92%
	Jul	46,827	41,759	5,068	0.00%	10.82%
	Aug	47,454	42,410	5,044	0.00%	10.63%
	Sep	45,690	43,231	2,459	0.00%	5.38%
	Oct	46,675	41,557	5,118	0.00%	10.97%
	Nov	47,406	42,588	4,818	0.00%	10.16%
	Dec	43,922	41,708	2,214	0.00%	5.04%
2027	Jan	43,572	39,269	4,303	0.00%	9.88%
	Feb	42,204	40,302	1,902	0.00%	4.51%
	Mar	42,995	41,145	1,851	0.00%	4.30%
	Apr	53,226	49,586	3,639	0.00%	6.84%
	May	57,848	52,524	5,324	0.00%	9.20%

	Jun	54,216	50,475	3,742	0.00%	6.90%
	Jul	49,099	43,795	5,304	0.00%	10.80%
	Aug	49,757	44,478	5,279	0.00%	10.61%
	Sep	47,912	45,339	2,573	0.00%	5.37%
	Oct	48,939	43,583	5,356	0.00%	10.94%
	Nov	49,707	44,665	5,042	0.00%	10.14%
	Dec	46,059	43,742	2,317	0.00%	5.03%
2028	Jan	45,589	41,095	4,494	0.00%	9.86%
	Feb	44,162	42,175	1,987	0.00%	4.50%
	Mar	44,990	43,057	1,933	0.00%	4.30%
	Apr	55,693	51,892	3,801	0.00%	6.83%
	May	60,527	54,966	5,561	0.00%	9.19%
	Jun	56,729	52,821	3,908	0.00%	6.89%
	Jul	51,370	45,831	5,539	0.00%	10.78%
	Aug	52,059	46,546	5,513	0.00%	10.59%
	Sep	50,134	47,447	2,688	0.00%	5.36%
	Oct	51,204	45,609	5,594	0.00%	10.93%
	Nov	52,007	46,741	5,266	0.00%	10.13%
	Dec	48,195	45,776	2,420	0.00%	5.02%
2029	Jan	47,606	42,920	4,685	0.00%	9.84%
	Feb	46,120	44,049	2,071	0.00%	4.49%
	Mar	46,985	44,970	2,015	0.00%	4.29%
	Apr	58,160	54,197	3,963	0.00%	6.81%
	May	63,205	57,408	5,797	0.00%	9.17%
	Jun	59,242	55,168	4,074	0.00%	6.88%
	Jul	53,642	47,867	5,775	0.00%	10.77%
	Aug	54,361	48,614	5,748	0.00%	10.57%
	Sep	52,357	49,555	2,802	0.00%	5.35%
	Oct	53,468	47,636	5,832	0.00%	10.91%
	Nov	54,308	48,818	5,490	0.00%	10.11%
	Dec	50,332	47,809	2,523	0.00%	5.01%
2030	Jan	49,623	44,746	4,877	0.00%	9.83%
	Feb	48,078	45,922	2,156	0.00%	4.48%
	Mar	48,980	46,883	2,097	0.00%	4.28%
	Apr	60,627	56,502	4,124	0.00%	6.80%
	May	65,883	59,850	6,034	0.00%	9.16%
	Jun	61,755	57,514	4,240	0.00%	6.87%
	Jul	55,914	49,903	6,011	0.00%	10.75%
	Aug	56,664	50,681	5,982	0.00%	10.56%
	Sep	54,579	51,662	2,916	0.00%	5.34%
	Oct	55,732	49,662	6,070	0.00%	10.89%
	Nov	56,608	50,894	5,714	0.00%	10.09%
	Dec	52,468	49,843	2,626	0.00%	5.00%
2031	Jan	51,640	46,572	5,068	0.00%	9.81%
	Feb	50,036	47,796	2,240	0.00%	4.48%
	Mar	50,975	48,796	2,180	0.00%	4.28%
	Apr	63,094	58,807	4,286	0.00%	6.79%
	May	68,562	62,292	6,270	0.00%	9.15%
	Jun	64,267	59,861	4,407	0.00%	6.86%

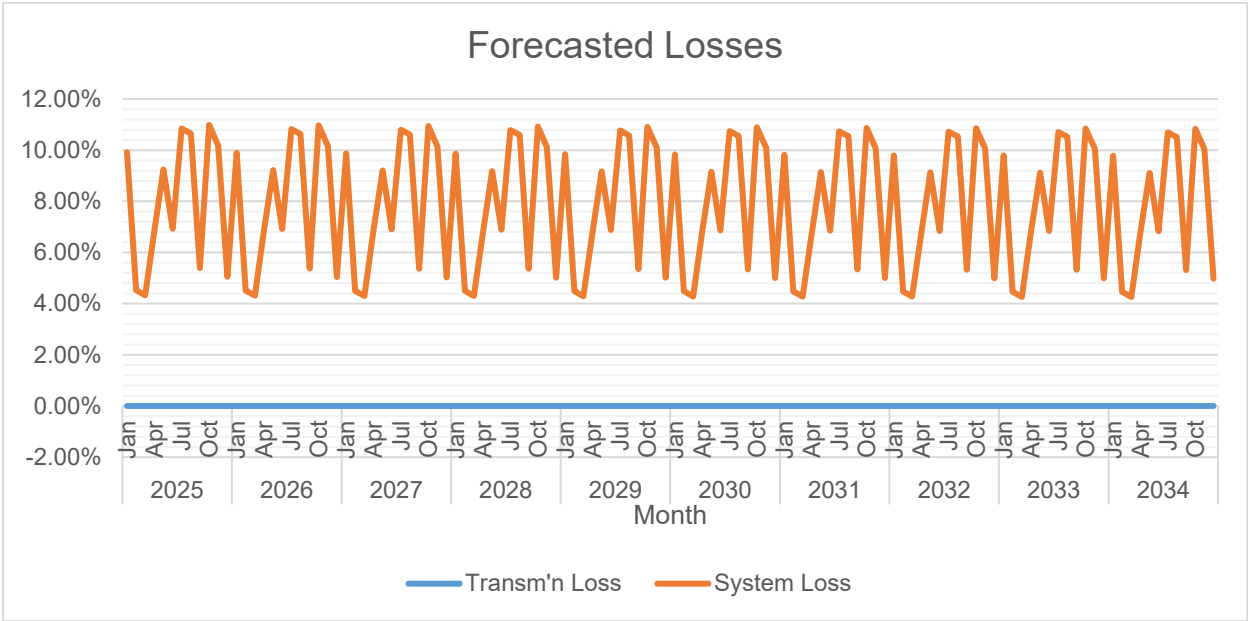
	Jul	58,185	51,939	6,246	0.00%	10.74%
	Aug	58,966	52,749	6,217	0.00%	10.54%
	Sep	56,801	53,770	3,031	0.00%	5.34%
	Oct	57,996	51,688	6,308	0.00%	10.88%
	Nov	58,909	52,971	5,938	0.00%	10.08%
	Dec	54,605	51,876	2,728	0.00%	5.00%
2032	Jan	53,656	48,397	5,259	0.00%	9.80%
	Feb	51,995	49,670	2,325	0.00%	4.47%
	Mar	52,970	50,709	2,262	0.00%	4.27%
	Apr	65,561	61,113	4,448	0.00%	6.78%
	May	71,240	64,734	6,507	0.00%	9.13%
	Jun	66,780	62,208	4,573	0.00%	6.85%
	Jul	60,457	53,975	6,482	0.00%	10.72%
	Aug	61,268	54,817	6,451	0.00%	10.53%
	Sep	59,023	55,878	3,145	0.00%	5.33%
	Oct	60,260	53,714	6,546	0.00%	10.86%
	Nov	61,209	55,047	6,162	0.00%	10.07%
	Dec	56,741	53,910	2,831	0.00%	4.99%
2033	Jan	55,673	50,223	5,450	0.00%	9.79%
	Feb	53,953	51,543	2,409	0.00%	4.47%
	Mar	54,966	52,622	2,344	0.00%	4.26%
	Apr	68,028	63,418	4,610	0.00%	6.78%
	May	73,919	67,175	6,743	0.00%	9.12%
	Jun	69,293	64,554	4,739	0.00%	6.84%
	Jul	62,729	56,011	6,718	0.00%	10.71%
	Aug	63,571	56,885	6,686	0.00%	10.52%
	Sep	61,245	57,986	3,259	0.00%	5.32%
	Oct	62,524	55,741	6,784	0.00%	10.85%
	Nov	63,510	57,124	6,386	0.00%	10.05%
	Dec	58,878	55,944	2,934	0.00%	4.98%
2034	Jan	57,690	52,049	5,641	0.00%	9.78%
	Feb	55,911	53,417	2,494	0.00%	4.46%
	Mar	56,961	54,534	2,426	0.00%	4.26%
	Apr	70,495	65,723	4,771	0.00%	6.77%
	May	76,597	69,617	6,980	0.00%	9.11%
	Jun	71,806	66,901	4,905	0.00%	6.83%
	Jul	65,000	58,047	6,953	0.00%	10.70%
	Aug	65,873	58,953	6,920	0.00%	10.51%
	Sep	63,467	60,094	3,374	0.00%	5.32%
	Oct	64,789	57,767	7,022	0.00%	10.84%
	Nov	65,810	59,200	6,610	0.00%	10.04%
	Dec	61,014	57,977	3,037	0.00%	4.98%

The **MWh Offtake** was forecasted using the NEA Calculator, based on historical data.

System Loss was calculated through a Load Flow Study conducted in December 2024 by the Technical Services Department using Synergi Electric software. The study concluded that the distribution system is capable of adequately delivering electricity to customers.



MWh Output is expected to grow at an average rate of 4.31%.



System Loss is expected to range from 4.32% to 10.99% in year 2025.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2007-121RC	Base	GN Power Mariveles Coal Plant Ltd.	22.00	125,268	2/26/2014	2/25/2029
2015-117RC	Base	SMC Consolidated Power Corporation	12.91	45,240	6/26/2018	6/25/2028
2025-172RC	Base	Southwest Luzon Power Generation Corporation	10.00	65,700	1/26/2025	9/25/2025
2025-078RC	Base	Therma Luzon, Inc.	11.00	62,634	6/26/2025	5/25/2040
2025-119RC	Base	Masinloc Power Partners Company, Ltd.	11.00	62,634	8/26/2025	7/25/2040

The PSA with GN Power Mariveles Coal Plant Ltd.(GMCP), filed with ERC under Case No. 2007-121RC, was procured and approved through negotiation. It was selected to provide for base requirements and to increase the contracted base capacity. In year 2024, the average utilization of this PSA was 89% of its contracted capacity.

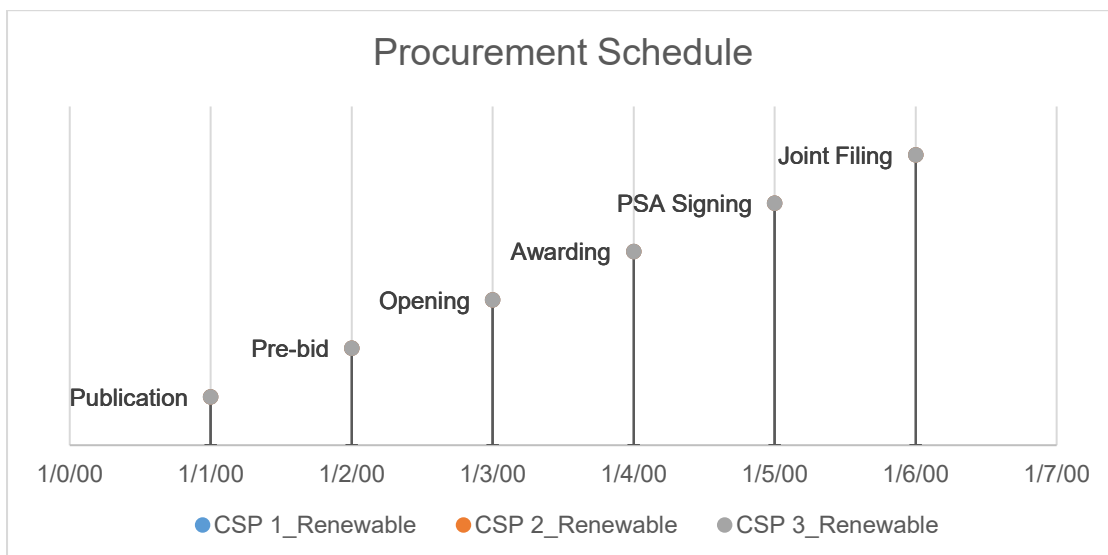
The PSA with SMC Consolidated Power Corporation (SCPC) filed with ERC under Case No. 2015-117 RC was likewise procured and approved through negotiation due to immediate base load requirement. In year 2024, the average utilization of this PSA was 84% of its contracted capacity.

The Supply Agreement with Southwest Luzon Power Generation Corporation filed with ERC under Case No. 2025-172 RC was procured through Emergency Power Supply Agreement (EPSA) to address the immediate base load requirement. It was terminated effective September 25, 2025. This termination coincided with the commencement of TARELCO II's new power supply contracts with THERMA LUZON INC. (TLI) for 11 MW effective July 26, 2025, and MASINLOC POWER CO. LTD (MPCL) for 11 MW effective September 25, 2025.

The PSA with Therma Luzon, Inc. (TLI) filed with ERC under Case No. 2025-078 RC through LECA Aggregation was procured through CSP to address the immediate base load requirement. The Provisional Authority for this PSA was received on May 30, 2025.

The PSA with Masinloc Power Partners Company, Ltd. filed with ERC under Case No. 2025-119RC under LECA Aggregation was procured through CSP due to immediate base load requirement. The Provisional Authority for this PSA was received on July 10, 2025.

	CSP 1_Renewable	CSP 2_Renewable	CSP 3_Renewable
Type	Base	Base	Base
Minimum MW	10.00	10.00	22.00
Maximum MW	10.00	10.00	22.00
Minimum MWh/yr	56,940	56,940	125,268
Maximum MWh/yr	87,600	87,600	192,720
PSA Start	6/26/2026	6/26/2028	2/26/2029
PSA End	6/25/2046	6/25/2048	2/25/2049
Publication	4/06/2026	4/03/2028	12/06/2028
Pre-bid	4/28/2026	4/25/2028	12/28/2028
Opening	5/11/2026	5/8/2028	1/10/2029
Awarding	5/21/2026	5/18/2028	1/22/2029
PSA Signing	6/8/2026	6/5/2028	2/8/2029
Joint Filing	6/23/2026	6/20/2028	2/23/2029

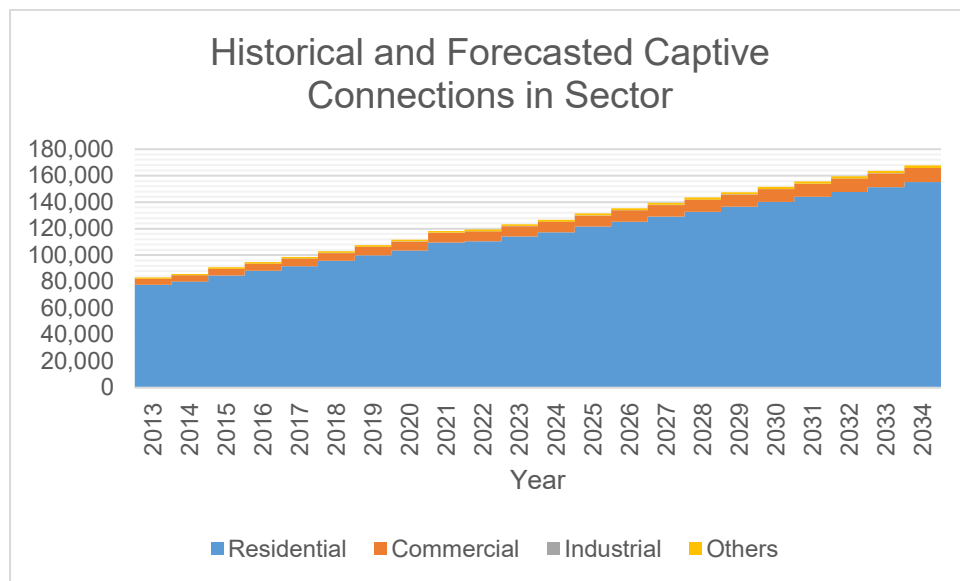


For the procurement of a 10 MW supply under CSP 1 _Renewable planned to be available on June 26, 2026, the first publication or launch of the CSP will be on April 6, 2026. Joint filing is planned on June 6, 2026

For the procurement of a 10 MW supply under CSP 2 _Renewable planned to be available on June 26, 2028, the first publication or launch of the CSP will be on April 3, 2028. Joint filing is planned on June 20, 2028.

For the procurement of a 22 MW supply under CSP 3 – Renewable planned to be available on February 26, 2029, the first publication or launch of the CSP will be on December 6, 2028. Joint filing is planned on February 23, 2029.

Captive Customer Connections



The number of residential connections is projected to grow at an average rate of 5.59% annually from 2025 to 2034. This customer class is anticipated to contribute 57.57% of the total average energy consumption over the same period.