NUEVA ECIJA II ELECTRIC
COOPERATIVE, INC.–Area 2
Maharlika Highway, Diversion
San Leonardo, Nueva Ecija
Telefax No.: 044 – 940 - 9040
e-mail: neecoii_area2@yahoo.com

NEECO II – Area 2

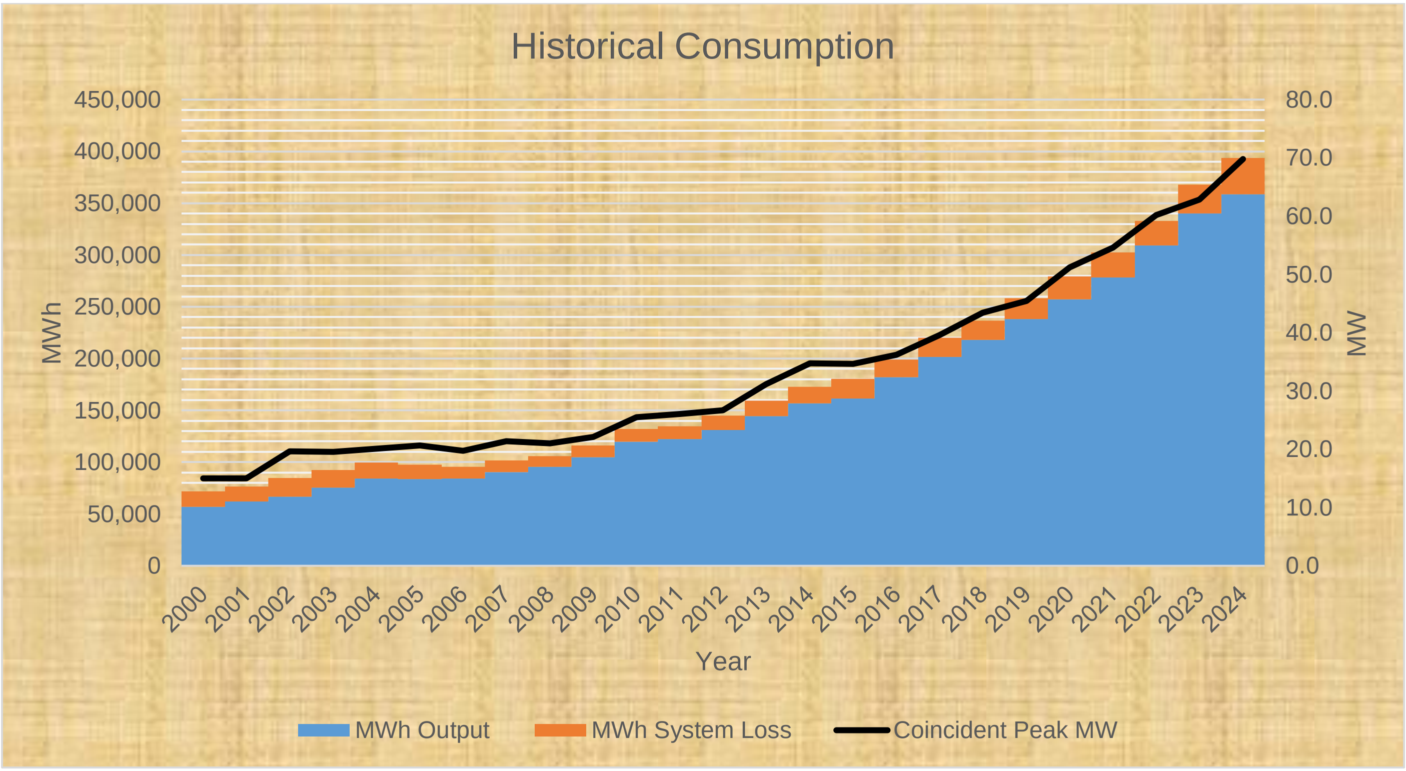
Power Supply Procurement Plan 2025

Grid

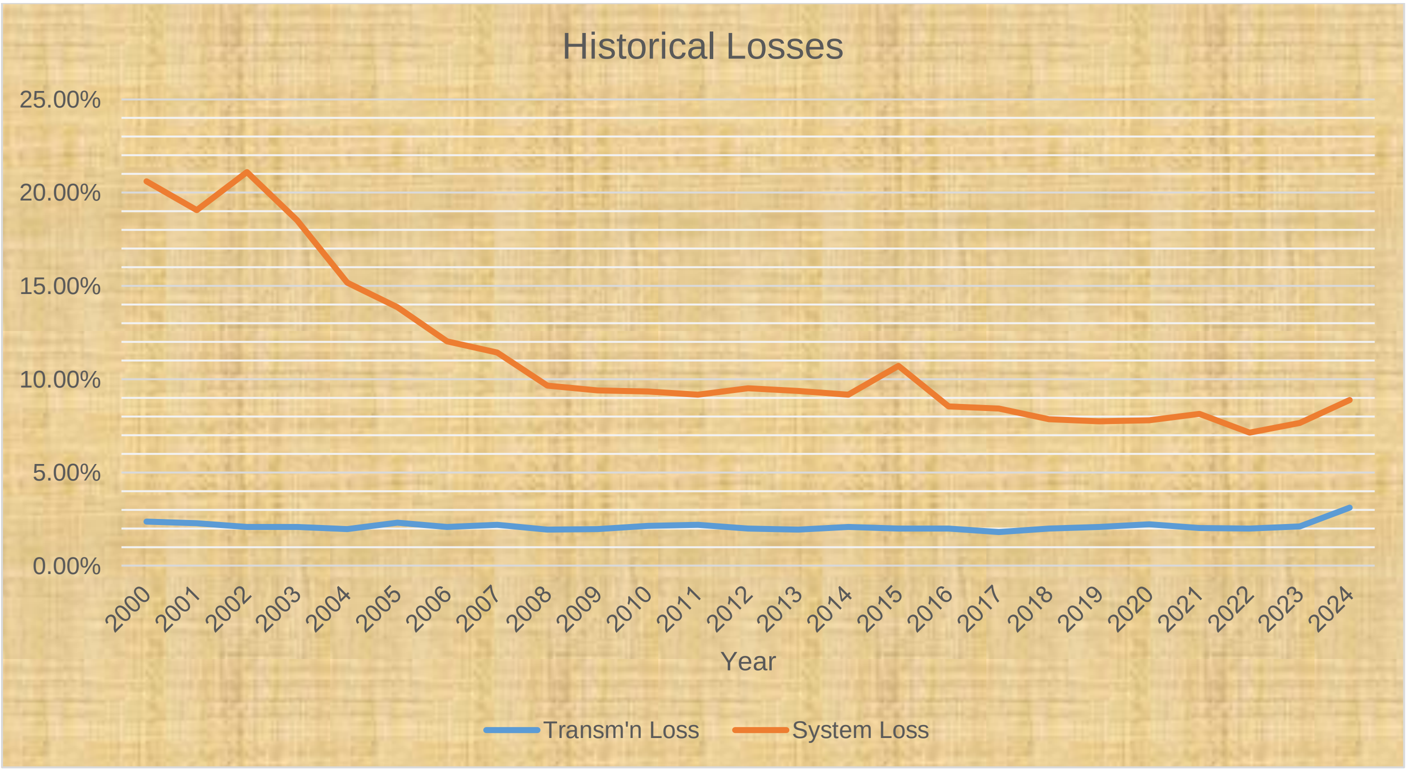
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Transm'n Loss	System Loss
2000	15.00	73,486	0	71,747	56,951	14,796	55%	2.37%	20.62%
2001	15.00	78,302	0	76,524	61,934	14,590	58%	2.27%	19.07%
2002	19.60	86,489	0	84,693	66,819	17,874	49%	2.08%	21.10%
2003	19.52	94,584	0	92,623	75,480	17,143	54%	2.07%	18.51%
2004	20.05	101,515	0	99,528	84,425	15,103	57%	1.96%	15.17%
2005	20.67	99,644	0	97,353	83,862	13,491	54%	2.30%	13.86%
2006	19.72	97,514	0	95,489	83,996	11,493	55%	2.08%	12.04%
2007	21.41	104,172	0	101,887	90,234	11,653	54%	2.19%	11.44%
2008	20.97	107,654	0	105,569	95,369	10,200	57%	1.94%	9.66%
2009	22.12	118,184	0	115,870	104,996	10,874	60%	1.96%	9.38%
2010	25.48	134,690	0	131,839	119,541	12,298	59%	2.12%	9.33%
2011	26.00	137,604	0	134,584	122,249	12,335	59%	2.19%	9.17%
2012	26.66	147,626	0	144,704	130,958	13,746	62%	1.98%	9.50%
2013	31.19	162,724	0	159,590	144,636	14,954	58%	1.93%	9.37%
2014	34.78	176,262	0	172,582	156,751	15,832	57%	2.09%	9.17%
2015	34.66	184,198	52,590	180,512	161,201	19,311	59%	2.00%	10.70%
2016	36.22	202,817	66,072	198,812	181,856	16,956	63%	1.97%	8.53%
2017	39.58	223,911	26,508	219,879	201,366	18,513	63%	1.80%	8.42%
2018	43.42	241,623	771	236,819	218,239	18,580	62%	1.99%	7.85%
2019	45.49	263,647	22,225	258,213	238,256	19,956	65%	2.06%	7.73%
2020	51.22	285,553	-5,992	279,206	257,408	21,798	62%	2.22%	7.81%
2021	54.56	308,971	-11,491	302,742	278,145	24,597	63%	2.02%	8.12%
2022	60.17	339,413	20,137	332,696	308,967	23,728	63%	1.98%	7.13%
2023	62.87	376,085	74,565	368,129	339,983	28,146	67%	2.12%	7.65%
2024	69.80	406,163	151,962	393,533	358,528	35,005	64%	3.11%	8.89%

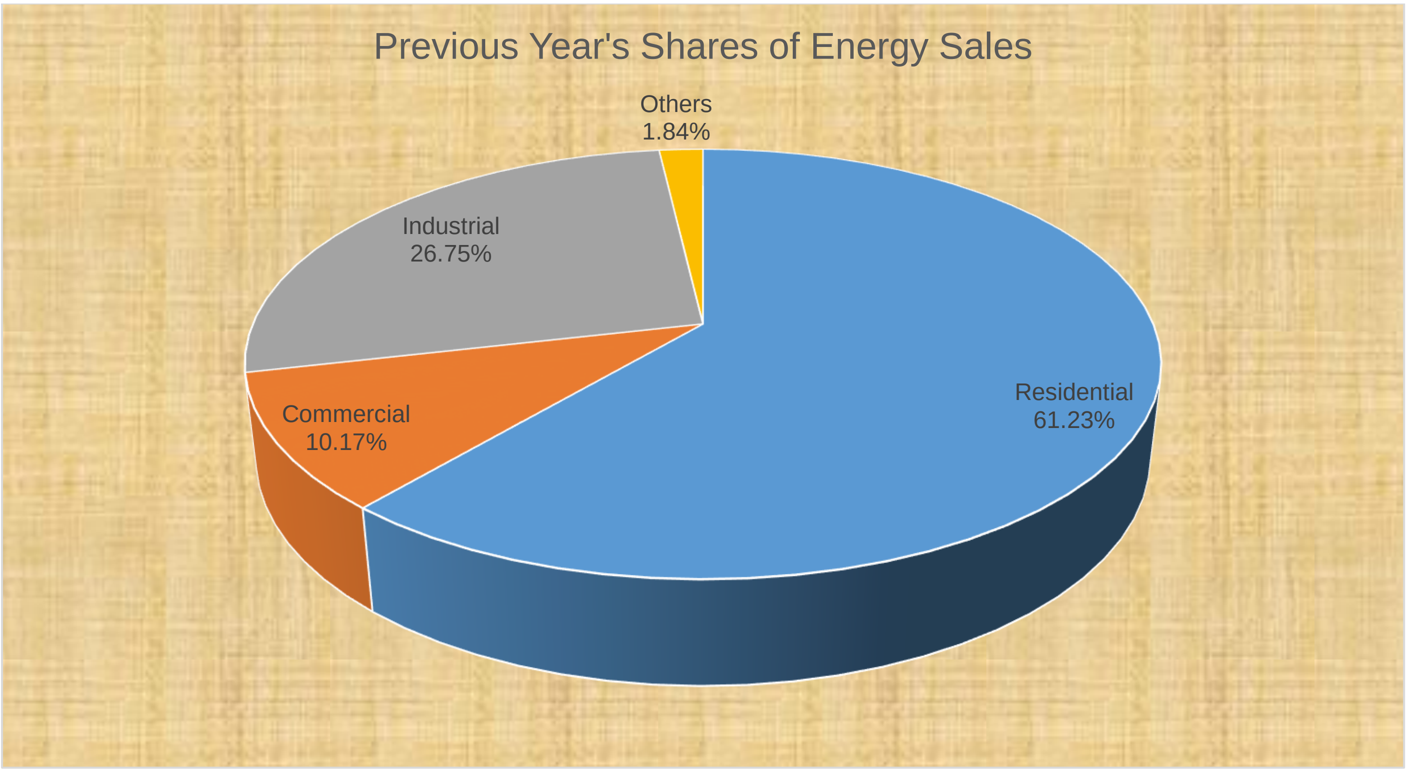
Peak Demand increased from 62.87MW in 2023 to 69.80 MW in 2024 at a rate of 11.03% due to the increase of Residential and Industrial Loads. MWh Offtake increased from 376,084 MWh in 2023 to 406,163 MWh in 2024 at a rate of 8.00% due to increase of consumption of every consumers. Within the same period, Load Factor ranged from 67% to 64%. The demand deficit in our load profile is based on projected base load requirements, which are designed to limit our exposure to WESM to just 3-6 hours a day. This is due to the volatility of WESM prices, and we cannot risk prolonged exposure to them. The negative values in WESM indicate periods when we are selling excess energy to the market. This occurs because the difference between our off-peak and peak months is substantial. Specifically, when large consumers reduce or stop operations during off-peak months, along with lower energy consumption from residential users during colder weather and holiday seasons. However, when considering the entire year, the months with exposure to WESM still outweigh the months when the cooperative is selling excess energy to the market.



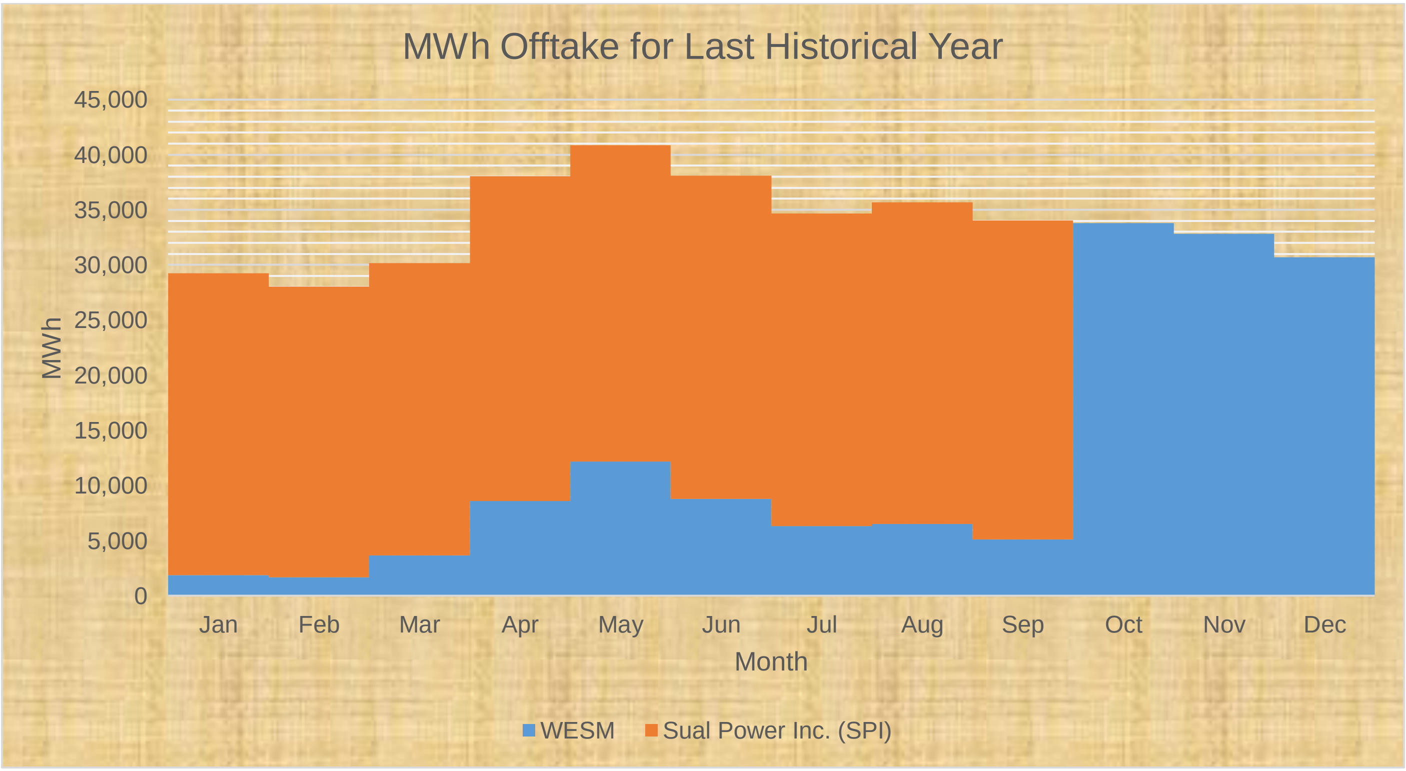
Higher demand in electricity will result into higher MWh input, as the population of electricity customer increases the progression of MWh input will always follow. As load increases the technical and non-technical loss also varies. MWh Output increased from year 2000 to year 2024 at a rate of 7.97%, while MWh System Loss increased at a rate of 3.65% within the same period.



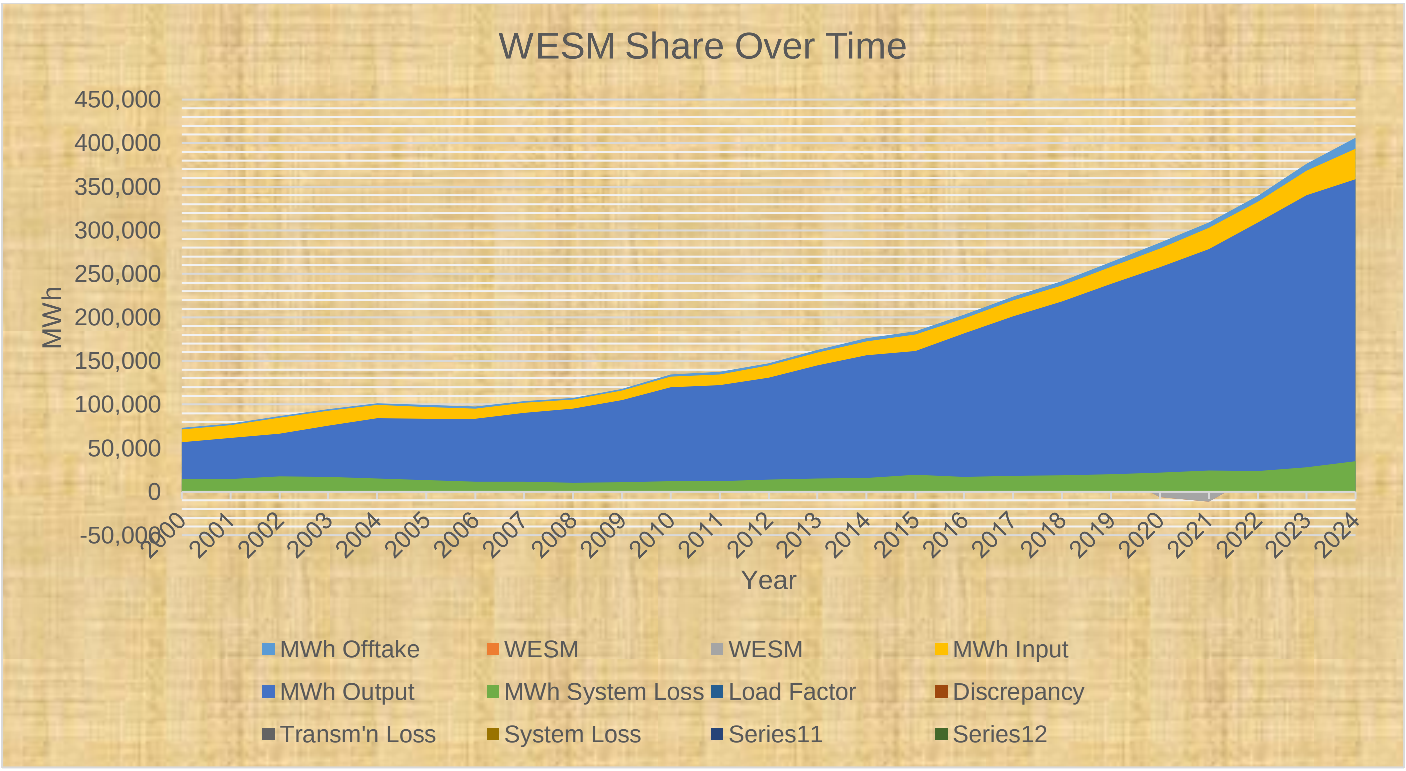
Historically, Transmission Loss ranged from 2.37% to 3.11% while System Loss ranged from 20.62% to 8.89% from the year 2000 to 2024. System Loss peaked at 21.10% on year 2002 because meter pilferage is out of control at that time.



Residential customers account for the bulk of energy sales at 61.23% due to the high number of connections. In contrast, other customers like special lights and street lights accounted for only 1.84% of energy sales due to the low number of connections. While high voltage customers which is commercial and industrial are account for 10.17% and 26.75% each respectively.

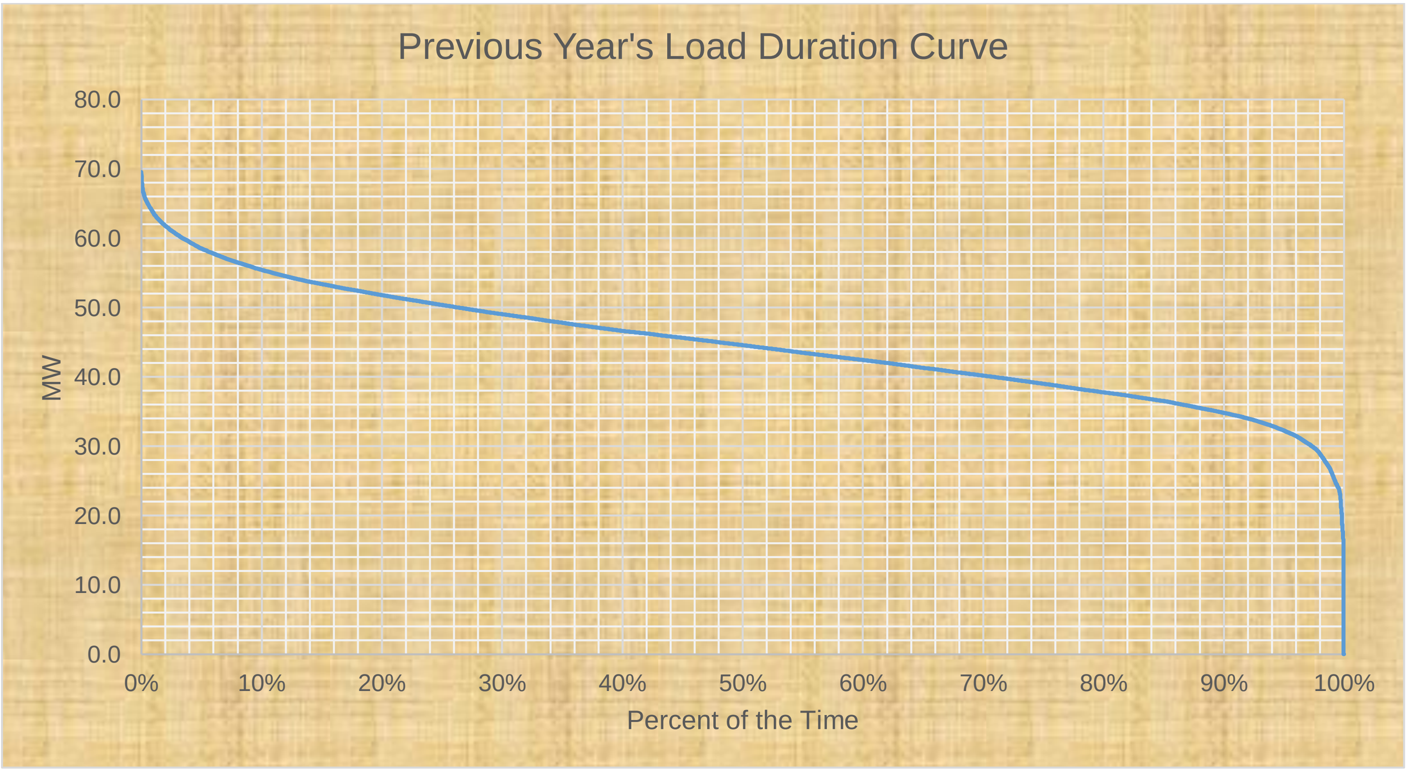


For Sual Power Inc. (EPSA), the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with SPI accounts for the bulk of MWh Offtake. It can be seen that SPI supplied energy from January 2024 to September 2024. From October 2024 onwards, our MWh offtake came from WESM as our EPSA contract ended.

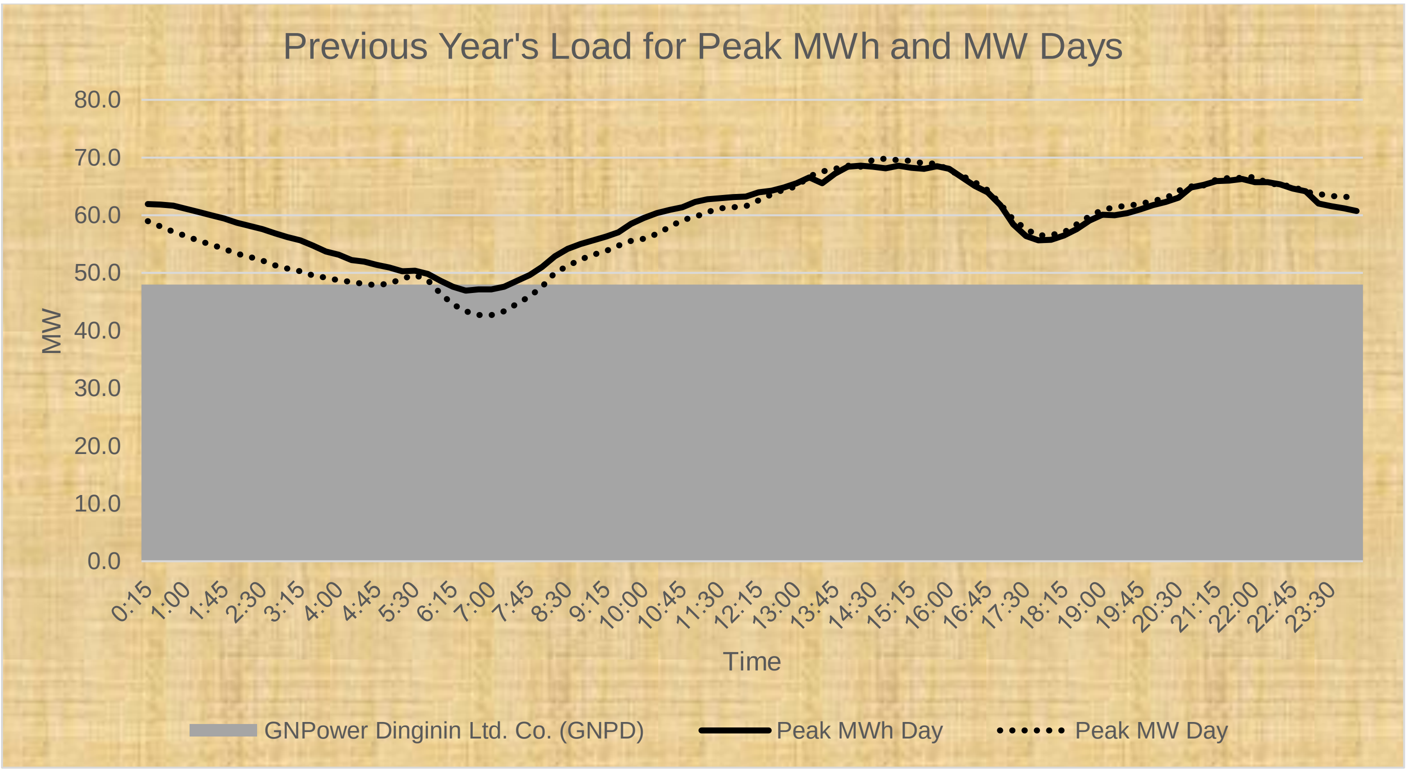


The WESM MWh offtake has been increasing annually from 2000 to 2024 due to the growing number of consumers and the rising demand. However, the increase in WESM exposure can be minimized by accurately forecasting the incoming demand.

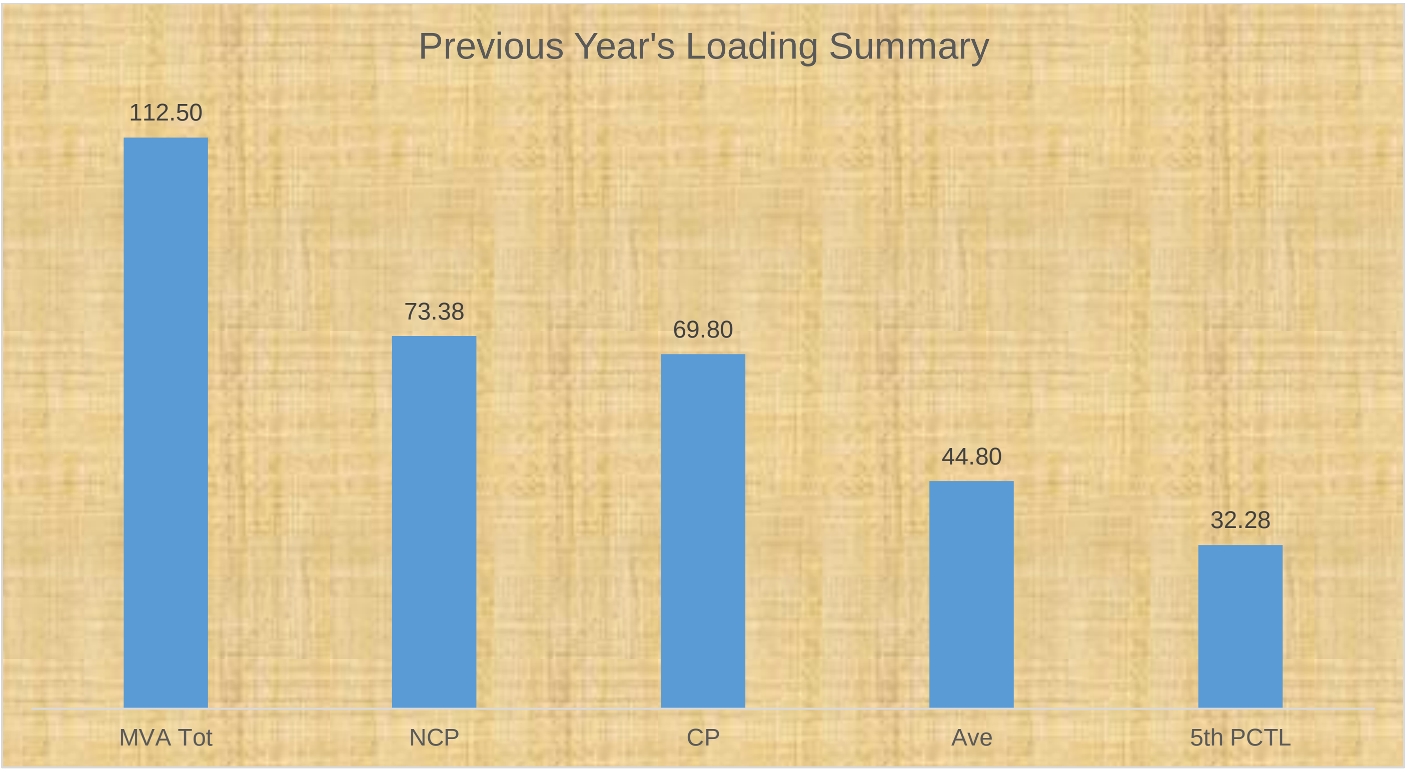
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 24.106 MW not considering the interruption and the maximum load is 69.799 MW for the last historical year.



Peak MW occurred on 2:45PM due to most of our customers is residential customer and mostly at home during that time. Peak daily MWh occurred on 3:00PM for it is the balance hour for residential and high voltage consumers. As shown in the Load Curves, the available supply is lower than the Peak Demand.



The Non-coincident Peak Demand is 73.38 MW, which is around 66.56% of the total substation maximum capacity of 112.5 MVA at a power factor of 98. The load factor or the ratio between the Average Load of 44.80 MW and the Coincident Peak Demand is 63.31%. A safe estimate of the true minimum load is the fifth percentile load of 32.28 MW which is 43.99% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Bongabon SS	25	14.755
Gen. Natividad SS	12.5	10.118
San Leonardo SS	25	12.662
Peñaranda SS	12.5	11.045
Gabaldon SS	12.5	6.868
Santa Rosa SS	25	17.934

The substations operating at over 70% capacity are Peñaranda Substation and Gen. Natividad Substation. To address this loading issue, we plan to upgrade Peñaranda Substation from 12.5 MVA to 25 MVA and install a new 30 MVA substation in Palayan City to help accommodate part of the load currently handled by Gen. Natividad Substation.

Forecasted Consumption Data

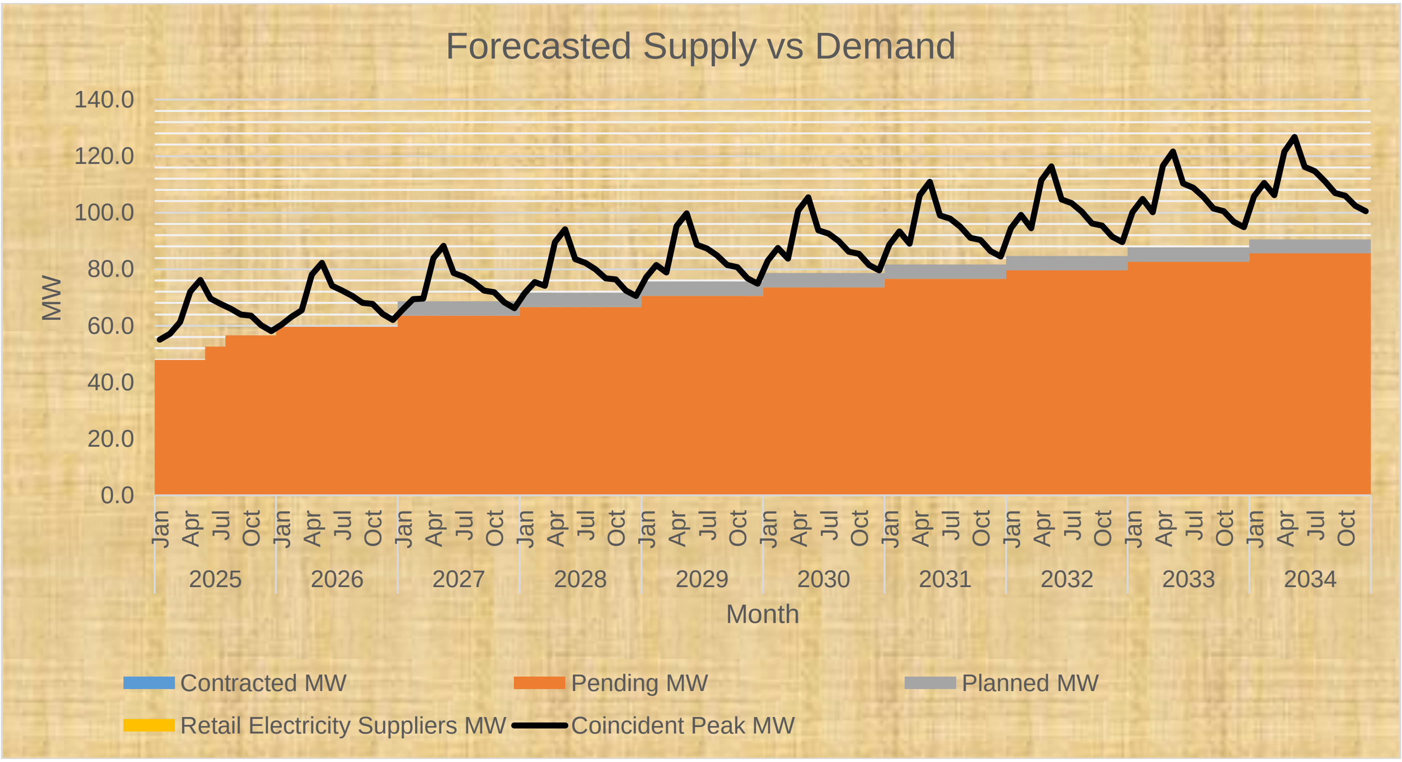
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2025	Jan	55.07	0	48	0		0%	87%	-7.07
	Feb	57.18	0	48	0		0%	84%	-9.18
	Mar	61.28	0	48	0		0%	78%	-13.28
	Apr	72.09	0	48	0		0%	67%	-24.09
	May	76.22	0	48	0		0%	63%	-28.22
	Jun	69.53	0	53	0		0%	76%	-16.93
	Jul	67.78	0	53	0		0%	78%	-15.18
	Aug	65.95	0	57	0		0%	86%	-9.35
	Sep	63.86	0	57	0		0%	89%	-7.26
	Oct	63.59	0	57	0		0%	89%	-6.99
	Nov	60.20	0	57	0		0%	94%	-3.60
	Dec	58.17	0	57	0		0%	97%	-1.57
2026	Jan	60.38	0	60	0		0%	99%	-0.78
	Feb	63.27	0	60	0		0%	94%	-3.67
	Mar	65.39	0	60	0		0%	91%	-5.79
	Apr	77.99	0	60	0		0%	76%	-18.39
	May	82.23	0	60	0		0%	72%	-22.63
	Jun	74.02	0	60	0		0%	81%	-14.42
	Jul	72.47	0	60	0		0%	82%	-12.87
	Aug	70.53	0	60	0		0%	84%	-10.93
	Sep	68.05	0	60	0		0%	88%	-8.45
	Oct	67.70	0	60	0		0%	88%	-8.10
	Nov	64.11	0	60	0		0%	93%	-4.51
	Dec	62.12	0	60	0		0%	96%	-2.52
2027	Jan	65.87	0	64	5		0%	104%	2.73
	Feb	69.39	0	64	5		0%	99%	-0.79
	Mar	69.67	0	64	5		0%	98%	-1.07
	Apr	83.82	0	64	5		0%	82%	-15.22
	May	88.18	0	64	5		0%	78%	-19.58
	Jun	78.69	0	64	5		0%	87%	-10.09

	Jul	77.29	0	64	5		0%	89%	-8.69
	Aug	75.23	0	64	5		0%	91%	-6.63
	Sep	72.36	0	64	5		0%	95%	-3.76
	Oct	71.93	0	64	5		0%	95%	-3.33
	Nov	68.18	0	64	5		0%	101%	0.42
	Dec	66.21	0	64	5		0%	104%	2.39
2028	Jan	71.48	0	67	5		0%	100%	0.12
	Feb	75.49	0	67	5		0%	95%	-3.89
	Mar	74.15	0	67	5		0%	97%	-2.55
	Apr	89.56	0	67	5		0%	80%	-17.96
	May	94.04	0	67	5		0%	76%	-22.44
	Jun	83.53	0	67	5		0%	86%	-11.93
	Jul	82.24	0	67	5		0%	87%	-10.64
	Aug	80.03	0	67	5		0%	89%	-8.43
	Sep	76.80	0	67	5		0%	93%	-5.20
	Oct	76.29	0	67	5		0%	94%	-4.69
	Nov	72.41	0	67	5		0%	99%	-0.81
	Dec	70.47	0	67	5		0%	102%	1.13
2029	Jan	77.16	0	71	5		0%	98%	-1.56
	Feb	81.53	0	71	5		0%	93%	-5.93
	Mar	78.85	0	71	5		0%	96%	-3.25
	Apr	95.19	0	71	5		0%	79%	-19.59
	May	99.79	0	71	5		0%	76%	-24.19
	Jun	88.54	0	71	5		0%	85%	-12.94
	Jul	87.31	0	71	5		0%	87%	-11.71
	Aug	84.94	0	71	5		0%	89%	-9.34
	Sep	81.38	0	71	5		0%	93%	-5.78
	Oct	80.80	0	71	5		0%	94%	-5.20
	Nov	76.83	0	71	5		0%	98%	-1.23
	Dec	74.92	0	71	5		0%	101%	0.68
2030	Jan	82.89	0	74	5		0%	95%	-4.29
	Feb	87.50	0	74	5		0%	90%	-8.90
	Mar	83.78	0	74	5		0%	94%	-5.18
	Apr	100.71	0	74	5		0%	78%	-22.11
	May	105.42	0	74	5		0%	75%	-26.82
	Jun	93.72	0	74	5		0%	84%	-15.12

	Jul	92.51	0	74	5		0%	85%	-13.91
	Aug	89.96	0	74	5		0%	87%	-11.36
	Sep	86.12	0	74	5		0%	91%	-7.52
	Oct	85.47	0	74	5		0%	92%	-6.87
	Nov	81.45	0	74	5		0%	96%	-2.85
	Dec	79.56	0	74	5		0%	99%	-0.96
2031	Jan	88.64	0	77	5		0%	92%	-7.04
	Feb	93.38	0	77	5		0%	87%	-11.78
	Mar	88.97	0	77	5		0%	92%	-7.37
	Apr	106.10	0	77	5		0%	77%	-24.50
	May	110.93	0	77	5		0%	74%	-29.33
	Jun	99.07	0	77	5		0%	82%	-17.47
	Jul	97.83	0	77	5		0%	83%	-16.23
	Aug	95.08	0	77	5		0%	86%	-13.48
	Sep	91.04	0	77	5		0%	90%	-9.44
	Oct	90.32	0	77	5		0%	90%	-8.72
	Nov	86.30	0	77	5		0%	95%	-4.70
	Dec	84.41	0	77	5		0%	97%	-2.81
2032	Jan	94.40	0	80	5		0%	90%	-9.80
	Feb	99.15	0	80	5		0%	85%	-14.55
	Mar	94.43	0	80	5		0%	90%	-9.83
	Apr	111.38	0	80	5		0%	76%	-26.78
	May	116.32	0	80	5		0%	73%	-31.72
	Jun	104.59	0	80	5		0%	81%	-19.99
	Jul	103.28	0	80	5		0%	82%	-18.68
	Aug	100.32	0	80	5		0%	84%	-15.72
	Sep	96.13	0	80	5		0%	88%	-11.53
	Oct	95.36	0	80	5		0%	89%	-10.76
	Nov	91.37	0	80	5		0%	93%	-6.77
	Dec	89.50	0	80	5		0%	95%	-4.90
2033	Jan	100.14	0	83	5		0%	87%	-12.54
	Feb	104.83	0	83	5		0%	84%	-17.23
	Mar	100.18	0	83	5		0%	87%	-12.58
	Apr	116.54	0	83	5		0%	75%	-28.94
	May	121.59	0	83	5		0%	72%	-33.99
	Jun	110.28	0	83	5		0%	79%	-22.68

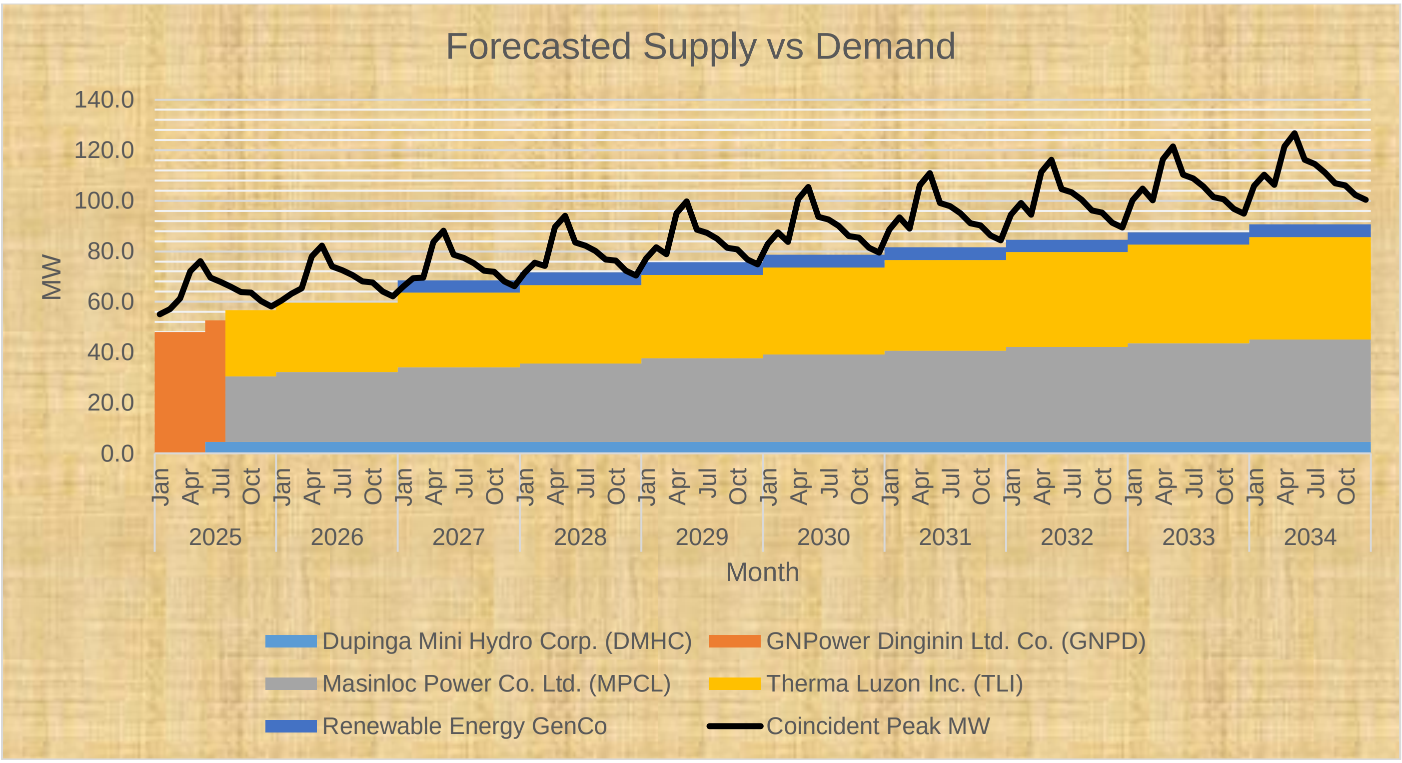
	Jul	108.86	0	83	5		0%	80%	-21.26
	Aug	105.67	0	83	5		0%	83%	-18.07
	Sep	101.42	0	83	5		0%	86%	-13.82
	Oct	100.60	0	83	5		0%	87%	-13.00
	Nov	96.71	0	83	5		0%	91%	-9.11
	Dec	94.84	0	83	5		0%	92%	-7.24
2034	Jan	105.88	0	86	5		0%	86%	-15.28
	Feb	110.40	0	86	5		0%	82%	-19.80
	Mar	106.25	0	86	5		0%	85%	-15.65
	Apr	121.58	0	86	5		0%	75%	-30.98
	May	126.74	0	86	5		0%	71%	-36.14
	Jun	116.14	0	86	5		0%	78%	-25.54
	Jul	114.56	0	86	5		0%	79%	-23.96
	Aug	111.12	0	86	5		0%	82%	-20.52
	Sep	106.92	0	86	5		0%	85%	-16.32
	Oct	106.05	0	86	5		0%	85%	-15.45
	Nov	102.31	0	86	5		0%	89%	-11.71
	Dec	100.44	0	86	5		0%	90%	-9.84

The Peak Demand was forecasted using regression models, primarily the quadratic logarithmic trend, with the assumption that it will occur in May due to the summer season, when electricity usage tends to be higher. Peak Demand is lowest in February, as it falls during the lean months, when people typically spend more during the holiday season. Overall, Peak Demand is expected to grow at an annual rate of 7.89%.



The planned demand (MW) procurement is lower than our maximum demand, primarily due to the significant gap between our average demand and peak demand, particularly during the peak months (May and June). This is because the majority of our consumers are residential customers. When high-voltage consumers are operational, their demand often causes spikes, but these spikes are short-lived, as their operating hours are not full-day. As a result, we focus more on average demand when planning for the procurement of required demand (MW) over the next 15 years. For peak demand, which occurs during brief periods, we prefer to maximize WESM supply.

Regarding future supply, the NEA has led the Competitive Selection Process (CSP) for Luzon Electric Cooperatives, known as the Luzon Electric Cooperatives Competitive Selection Process Aggregation (LECA CSP Aggregation). This process will secure supply starting in 2025 and provide energy for the next 15 years, ensuring that the projected energy (MWh) requirements for our MCOs are met until 2040.



For the current supply, GNPower Dinginin Ltd. Co. (GNPD) will provide energy from December 28, 2024, to July 25, 2025, under an Emergency Power Supply Agreement with a contract capacity of 48 MW. This will be followed by Renewable Supplier Dupinga Mini Hydro Corp. (DMHC), with a 4.6 MW contract capacity, committed to supplying energy from May 26, 2025, to May 25, 2050, under a 25-year contract. Additionally, the Incremental Baseload supply of 52 MW will begin on July 26, 2025, and continue until July 25, 2040. This MWh supply is adequate to meet our customers' needs, although it may not fully align with our forecasted demand requirements through 2034. As indicated in our submitted PSPP 2025 on the Forc sheet, we project negative values in WESM each year, which suggests that we will have surplus energy to sell to the market. Alternatively, we may choose not to sell if market prices are low by not declaring full capacity. Therefore, our demand procurement is more than sufficient to meet the requirements of our MCOs, allowing us to avoid over-contracting, which could result in higher capacity fees that would be passed on to our Member Consumer Owners (MCOs).

There will be no procurement timing needed, as the projected demand and energy requirements have already been allocated through the ongoing LECA CSP Aggregation, with NEECO II - Area 2 committing to a 15-year baseload supply.

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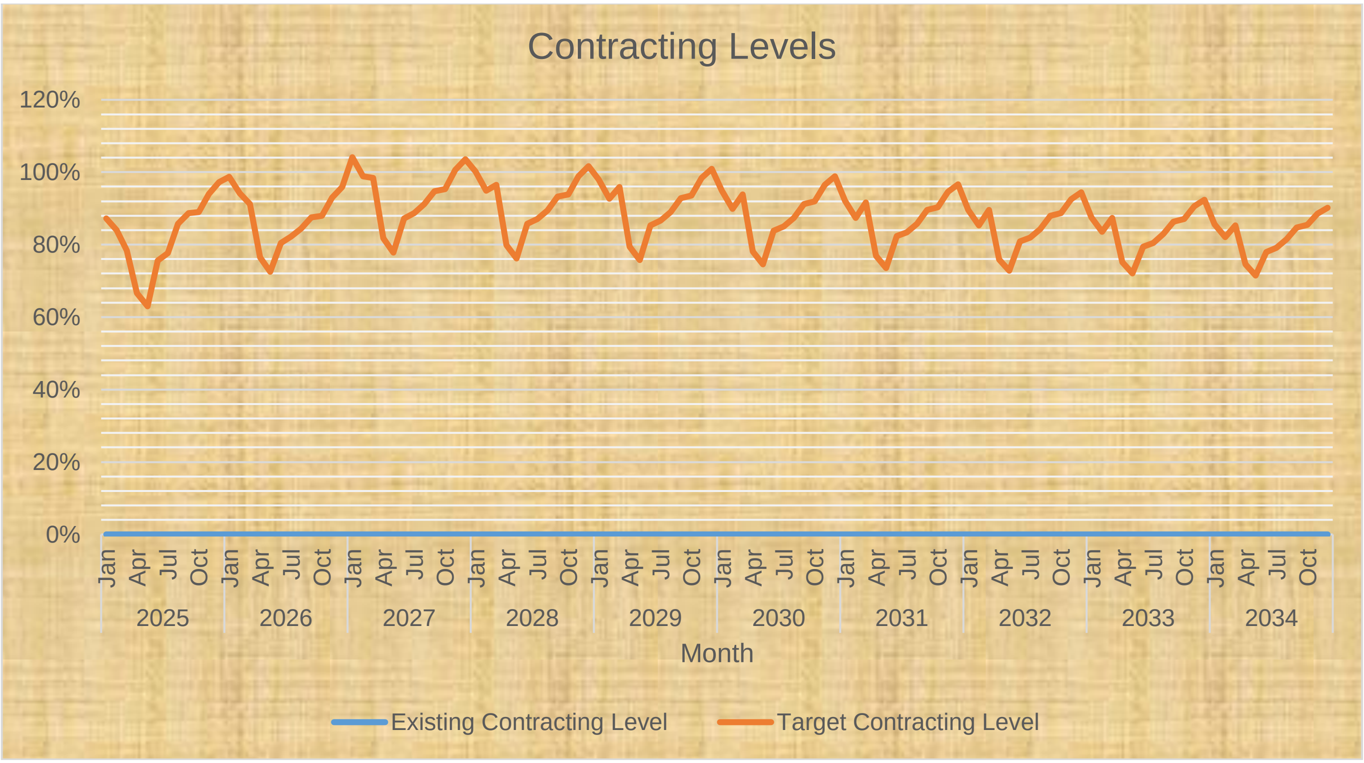
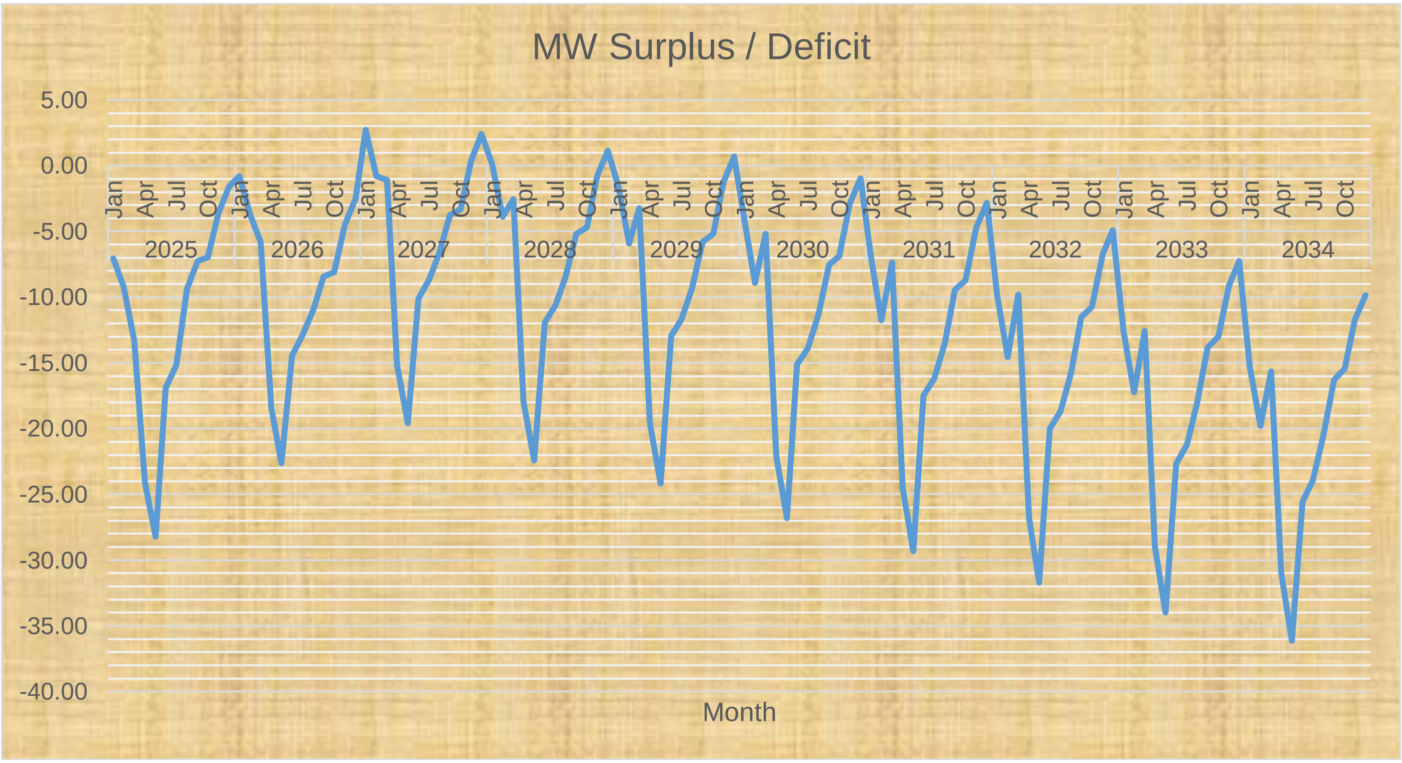


Currently, there is under-contracting by 37% in terms of demand requirement, for the reason that our EPSA is currently on the Pre-filling stage. The highest target contracting level is 104% which is expected to occur on January 2027 while the lowest target contracting level is 63% which is expected to occur on May 2025.



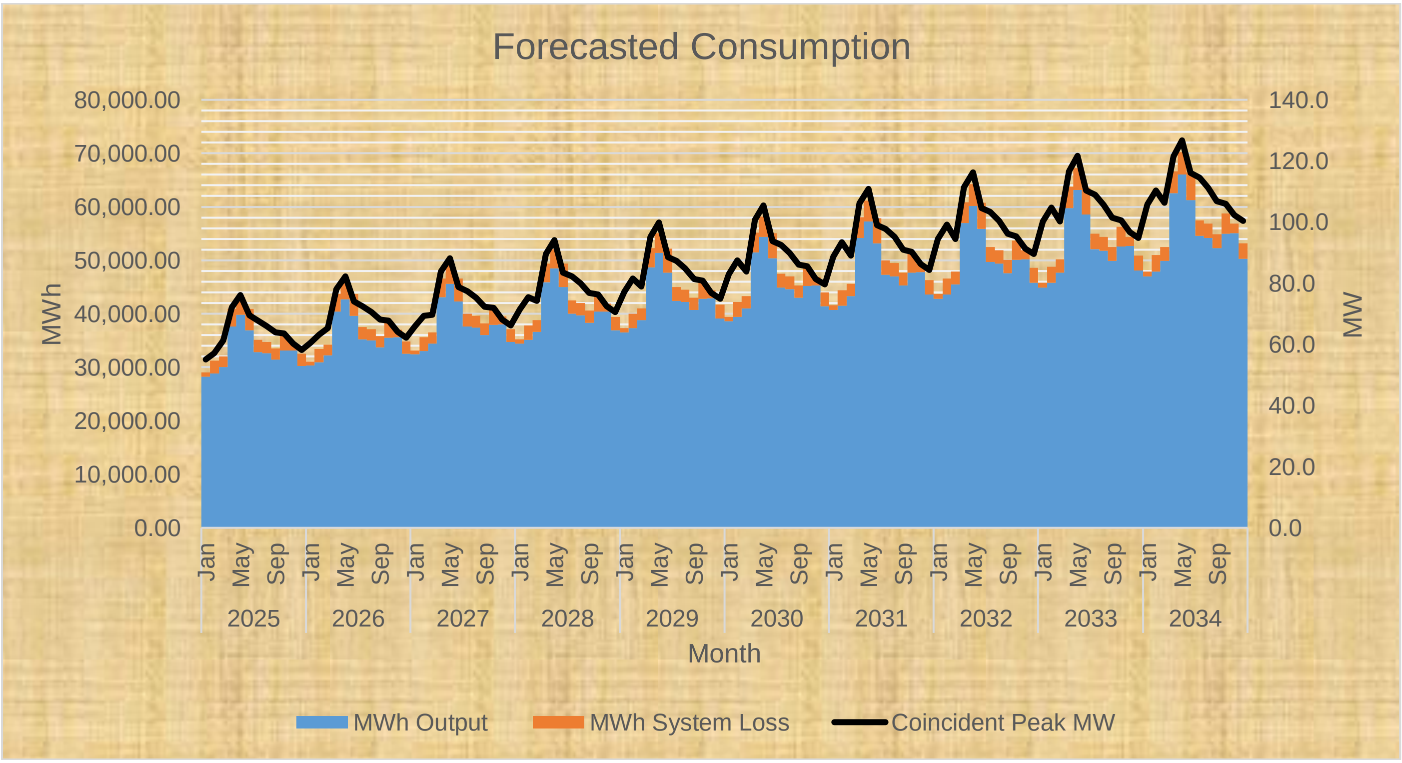
Currently, there is under-contracting by 37% in terms of demand only but in terms of energy requirement there is none. The highest deficit is -36.14 MW which is expected to occur on the month of May 2034. The lowest deficit is 2.73 MW which is expected to occur on the month of January 2027.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	29,626	28,289.51	713	2.10%	2.46%
	Feb	31,946	28,844.47	2,431	2.10%	7.77%
	Mar	32,687	30,045.13	1,980	2.02%	6.18%
	Apr	41,734	37,664.17	3,212	2.05%	7.86%
	May	43,975	39,786.11	3,291	2.04%	7.64%
	Jun	41,795	36,910.35	4,010	2.09%	9.80%
	Jul	35,828	32,835.54	2,273	2.01%	6.47%
	Aug	35,433	32,620.58	2,092	2.03%	6.03%
	Sep	34,214	31,466.47	2,049	2.04%	6.11%
	Oct	36,821	33,116.64	2,961	2.02%	8.21%
	Nov	35,262	33,179.31	1,368	2.03%	3.96%
	Dec	33,245	30,295.33	2,249	2.11%	6.91%
2026	Jan	31,757	30,347.39	736	2.12%	2.37%
	Feb	34,156	30,943.29	2,509	2.06%	7.50%
	Mar	35,005	32,231.92	2,043	2.09%	5.96%
	Apr	44,653	40,404.36	3,315	2.09%	7.58%
	May	47,038	42,680.11	3,396	2.04%	7.37%
	Jun	44,654	39,595.56	4,137	2.06%	9.46%
	Jul	38,375	35,224.91	2,345	2.10%	6.24%
	Aug	37,947	34,994.26	2,159	2.09%	5.81%
	Sep	36,641	33,755.52	2,114	2.10%	5.89%
	Oct	39,379	35,525.99	3,056	2.03%	7.92%
	Nov	37,794	35,592.90	1,411	2.09%	3.81%
	Dec	35,531	32,498.92	2,321	2.00%	6.67%
2027	Jan	33,868	32,412.94	758	2.06%	2.29%
	Feb	36,393	33,050.08	2,585	2.08%	7.25%
	Mar	37,349	34,427.16	2,105	2.19%	5.76%
	Apr	47,563	43,154.86	3,415	2.09%	7.33%
	May	50,128	45,584.86	3,499	2.08%	7.13%
	Jun	47,644	42,290.83	4,263	2.29%	9.16%
	Jul	40,895	37,623.39	2,416	2.09%	6.03%
	Aug	40,407	37,376.96	2,224	1.99%	5.62%
	Sep	39,046	36,053.12	2,179	2.08%	5.70%
	Oct	41,973	37,944.39	3,148	2.10%	7.66%
	Nov	40,356	38,015.48	1,454	2.20%	3.68%
	Dec	37,850	34,710.69	2,391	1.98%	6.45%
2028	Jan	35,970	34,484.20	780	1.96%	2.21%
	Feb	38,589	35,162.81	2,660	1.98%	7.03%
	Mar	39,643	36,628.72	2,166	2.14%	5.58%
	Apr	50,484	45,913.03	3,515	2.09%	7.11%
	May	53,208	48,497.60	3,601	2.08%	6.91%
	Jun	50,329	44,993.60	4,387	1.88%	8.88%
	Jul	43,381	40,028.66	2,486	2.00%	5.85%
	Aug	42,909	39,766.41	2,289	1.99%	5.44%
	Sep	41,419	38,357.08	2,242	1.98%	5.52%
	Oct	44,495	40,369.55	3,240	1.99%	7.43%
	Nov	42,792	40,444.75	1,496	1.99%	3.57%

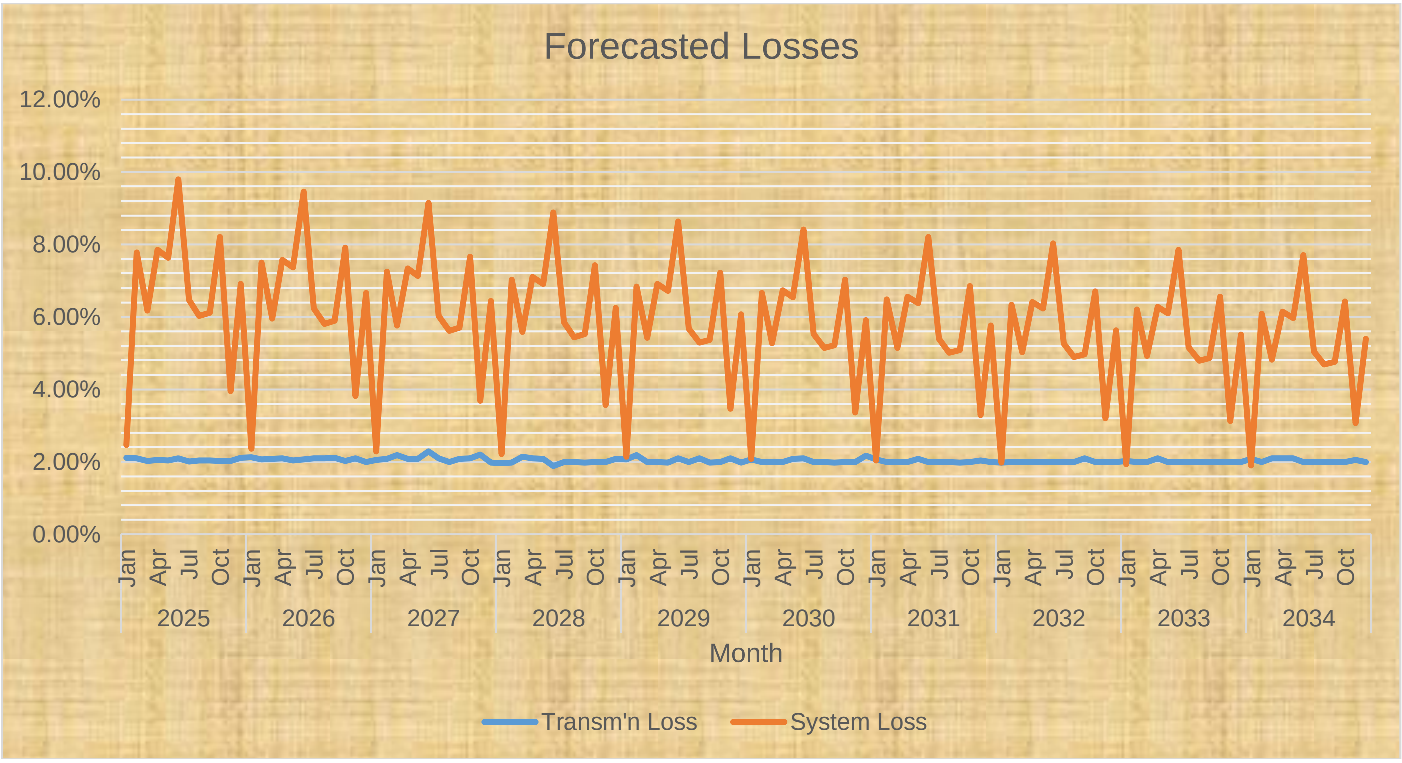
	Dec	40,227	36,928.52	2,461	2.08%	6.25%
2029	Jan	38,150	36,559.83	802	2.07%	2.15%
	Feb	40,911	37,280.09	2,735	2.19%	6.83%
	Mar	41,896	38,835.13	2,227	1.99%	5.42%
	Apr	53,353	48,677.08	3,613	1.99%	6.91%
	May	56,234	51,416.44	3,702	1.98%	6.72%
	Jun	53,327	47,702.11	4,510	2.09%	8.64%
	Jul	45,912	42,439.14	2,556	2.00%	5.68%
	Aug	45,467	42,161.03	2,353	2.09%	5.29%
	Sep	43,841	40,665.92	2,305	1.98%	5.36%
	Oct	47,068	42,799.88	3,331	1.99%	7.22%
	Nov	45,367	42,879.15	1,538	2.09%	3.46%
	Dec	42,524	39,151.00	2,530	1.98%	6.07%
2030	Jan	40,297	38,638.88	824	2.07%	2.09%
	Feb	43,066	39,400.95	2,809	1.99%	6.65%
	Mar	44,215	41,045.35	2,287	2.00%	5.28%
	Apr	56,278	51,445.74	3,711	1.99%	6.73%
	May	59,382	54,340.08	3,802	2.09%	6.54%
	Jun	56,223	50,415.11	4,632	2.09%	8.41%
	Jul	48,444	44,853.72	2,625	1.99%	5.53%
	Aug	47,936	44,559.70	2,417	2.00%	5.15%
	Sep	46,263	42,978.56	2,367	1.98%	5.22%
	Oct	49,647	45,234.26	3,421	2.00%	7.03%
	Nov	47,854	45,317.56	1,580	2.00%	3.37%
	Dec	44,951	41,377.10	2,599	2.17%	5.91%
2031	Jan	42,446	40,720.65	846	2.07%	2.03%
	Feb	45,308	41,524.66	2,882	1.99%	6.49%
	Mar	46,530	43,258.63	2,347	1.99%	5.15%
	Apr	59,208	54,218.08	3,808	2.00%	6.56%
	May	62,475	57,267.52	3,902	2.09%	6.38%
	Jun	59,062	53,131.70	4,754	1.99%	8.21%
	Jul	50,984	47,271.57	2,694	2.00%	5.39%
	Aug	50,447	46,961.62	2,481	1.99%	5.02%
	Sep	48,690	45,294.25	2,429	1.99%	5.09%
	Oct	52,221	47,671.88	3,511	1.99%	6.86%
	Nov	50,411	47,759.17	1,621	2.04%	3.28%
	Dec	47,214	43,606.11	2,667	1.99%	5.76%
2032	Jan	44,551	42,804.63	867	1.97%	1.99%
	Feb	47,551	43,650.69	2,956	1.99%	6.34%
	Mar	48,854	45,474.39	2,407	1.99%	5.03%
	Apr	62,140	56,993.40	3,905	2.00%	6.41%
	May	65,502	60,198.05	4,001	1.99%	6.23%
	Jun	61,961	55,851.19	4,875	1.99%	8.03%
	Jul	53,519	49,692.07	2,763	1.99%	5.27%
	Aug	52,967	49,366.16	2,544	2.00%	4.90%
	Sep	51,177	47,612.40	2,491	2.10%	4.97%
	Oct	54,803	50,112.12	3,600	1.99%	6.70%
	Nov	52,920	50,203.37	1,663	1.99%	3.21%
	Dec	49,559	45,837.46	2,735	1.99%	5.63%
2033	Jan	46,722	44,890.43	888	2.02%	1.94%
	Feb	49,798	45,778.63	3,029	1.99%	6.21%

	Mar	51,177	47,692.19	2,466	1.99%	4.92%
	Apr	65,140	59,771.17	4,002	2.10%	6.28%
	May	68,597	63,131.11	4,100	1.99%	6.10%
	Jun	64,863	58,573.07	4,995	2.00%	7.86%
	Jul	56,062	52,114.75	2,831	1.99%	5.15%
	Aug	55,488	51,772.86	2,607	2.00%	4.79%
	Sep	53,552	49,932.58	2,553	1.99%	4.86%
	Oct	57,387	52,554.51	3,689	1.99%	6.56%
	Nov	55,458	52,649.70	1,704	1.99%	3.13%
	Dec	51,910	48,070.73	2,802	2.00%	5.51%
2034	Jan	48,906	46,977.73	910	2.08%	1.90%
	Feb	52,044	47,908.14	3,102	1.99%	6.08%
	Mar	53,560	49,911.68	2,526	2.10%	4.82%
	Apr	68,072	62,550.97	4,098	2.09%	6.15%
	May	71,767	66,066.28	4,199	2.09%	5.98%
	Jun	67,766	61,296.94	5,115	2.00%	7.70%
	Jul	58,606	54,539.24	2,899	1.99%	5.05%
	Aug	58,010	54,181.36	2,669	2.00%	4.70%
	Sep	55,983	52,254.44	2,614	1.99%	4.76%
	Oct	59,973	54,998.69	3,778	1.99%	6.43%
	Nov	58,034	55,097.79	1,745	2.05%	3.07%
	Dec	54,256	50,305.60	2,869	1.99%	5.40%

MWh Offtake was forecasted using Cubic Logarithmic Trend. The assumed load factor is 63.72%. System Loss was calculated through a Load Flow Study conducted on NEECO II Area 2 by Technical Services Personnel using Synergi software. Based on the same study, the Distribution System can adequately convey electricity to customers



MWh Output was expected to grow at a rate of 6.78% annually.



Transmission Loss is expected to range from around 1.88% to 2.29% while System Loss is expected to range from 9.80% to 1.90%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
Dupinga Mini Hydro Corp. (DMHC)	Base	Other	0.00	0	5/26/2025	5/25/2050
GNPower Dinginin Ltd. Co. (GNPD) - EPSA	Base	GN Power Dinginin	31.20	273,312	12/28/2024	7/25/2025
Masinloc Power Co. Ltd. (MPCL) - LECA CSP	Base	Masinloc Power Partners Company, Ltd.	16.90	148,044	7/26/2025	7/25/2040
Therma Luzon Inc. (TLI) - LECA CSP	Base	Therma Luzon, Inc.	16.90	148,044	7/26/2025	7/25/2040

The PSA with Dupinga Mini Hydro Corporation (DMHC) filed with ERC under Case No. 2024-047 RC will supply energy starting on May 26, 2025. It was selected to provide for Baseload requirement for the Cooperative. Outages of the plant do not led to unserved energy because it is an embedded generator and the main supply can always fill the required energy. The overall monthly charge under the PSA ranged from 5.8298 P/kWh to 6.0650 P/KWh in the same period.

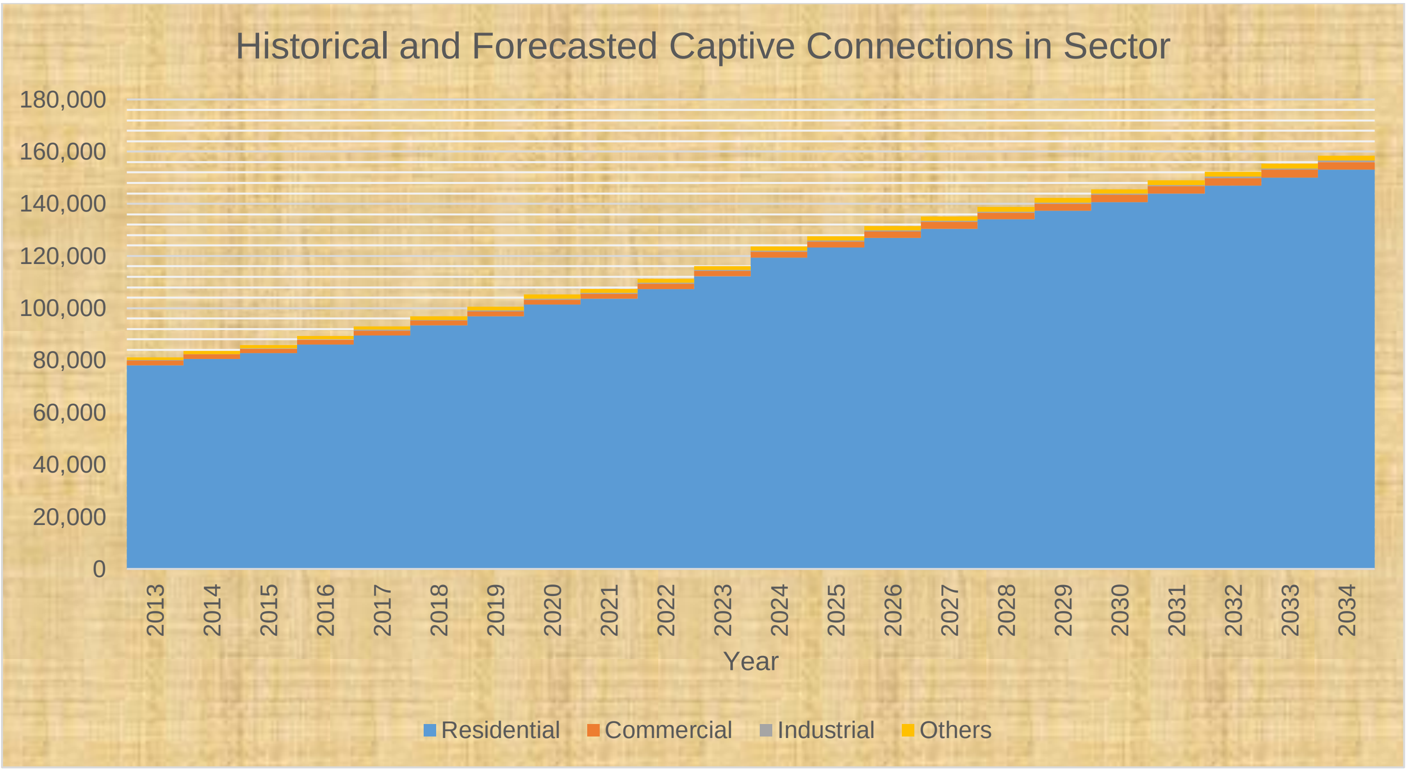
The EPSA with GNPower Dinginin Ltd. Co. (GNPD) was secured through best efforts by requesting various suppliers to submit their best offers for our baseload requirement, and they offered to supply from December 28, 2024, to July 25, 2025.

The PSA with Masinloc Power Co. Ltd. (MPCL) was procured through the LECA CSP Aggregation, led by NEA. It was selected to meet the baseload requirements of the Cooperative. This agreement will supply energy for 15 years starting from July 26, 2025, to July 25, 2040, with the Incremental Baseload of 26MW to 81MW. The PSA is still ongoing, as the process of finalizing long-term PSAs with the winning bidders is underway. We will soon proceed with the pre-filing of these agreements with the ERC.

The PSA with Therma Luzon Inc. (TLI) was procured through the LECA CSP Aggregation, led by NEA. It was selected to meet the baseload requirements of the Cooperative. This agreement will supply energy for 15 years starting from July 26, 2025, to July 25, 2040, with the Incremental Baseload of 26MW to 81MW. The PSA is still ongoing, as the process of finalizing long-term PSAs with the winning bidders is underway. We will soon proceed with the pre-filing of these agreements with the ERC.

There will be no Competitive Selection Process or procurement this time, as the projected demand and energy are fully allocated to the LECA CSP Aggregation, which covers the 15-year baseload for the Cooperative.

Captive Customer Connections



The number of Residential connections is expected to grow at an average rate of 2.52% annually. Said customer class is expected to account for 61.23% of the total consumption.

The number of Commercial connections is expected to grow at an average rate of 2.52% annually. Said customer class is expected to account for 10.17% of the total consumption.

The number of Industrial connections is expected to grow at an average rate of 2.51% annually. Said customer class is expected to account for 26.75% of the total consumption.

The number of Others connections is expected to grow at an average rate of 2.51% annually. Said customer class is expected to account for 1.84% of the total consumption.