



LEYECO II

POWER SUPPLY

PROCUREMENT

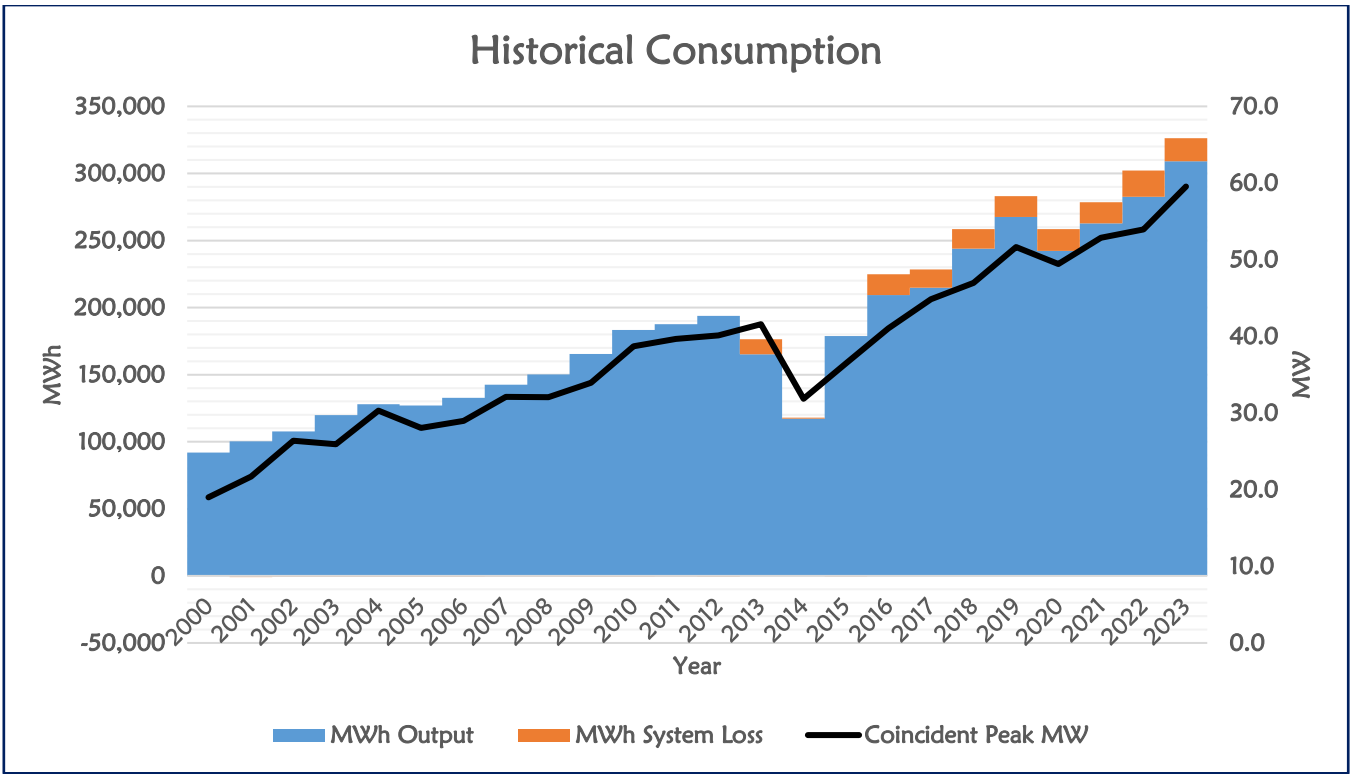
PLAN (PSPP)

2024

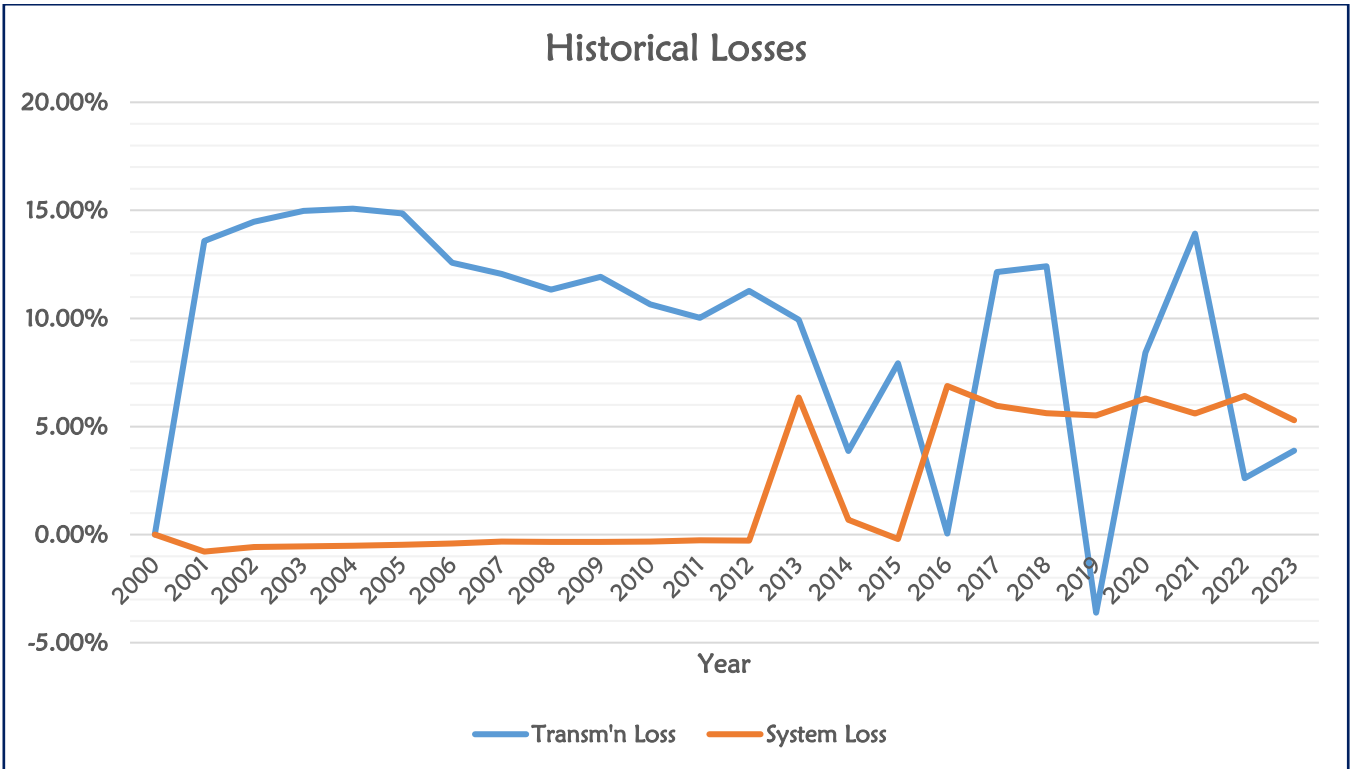
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	19.00	113,079	0	113,079	91,863	0	68%	-18.76%	0.00%	0.00%
2001	21.72	115,121	0	99,490	100,274	-784	52%	0.00%	13.58%	-0.79%
2002	26.38	125,329	0	107,188	107,798	-610	46%	0.00%	14.47%	-0.57%
2003	25.93	140,066	0	119,091	119,735	-644	52%	0.00%	14.98%	-0.54%
2004	30.29	149,901	0	127,294	127,953	-659	48%	0.00%	15.08%	-0.52%
2005	28.06	148,389	0	126,344	126,947	-602	51%	0.00%	14.86%	-0.48%
2006	28.99	151,211	0	132,199	132,748	-549	52%	0.00%	12.57%	-0.42%
2007	32.12	161,639	0	142,135	142,590	-455	51%	0.00%	12.07%	-0.32%
2008	32.08	168,716	0	149,594	150,106	-512	53%	0.00%	11.33%	-0.34%
2009	33.94	187,166	0	164,848	165,403	-555	55%	0.00%	11.92%	-0.34%
2010	38.72	204,392	0	182,624	183,212	-588	54%	0.00%	10.65%	-0.32%
2011	39.68	207,945	0	187,078	187,582	-504	54%	0.00%	10.03%	-0.27%
2012	40.11	217,867	0	193,295	193,840	-545	55%	0.00%	11.28%	-0.28%
2013	41.59	195,771	0	176,319	165,143	11,176	48%	0.00%	9.94%	6.34%
2014	31.86	122,675	0	117,923	117,109	814	42%	0.00%	3.87%	0.69%
2015	36.49	193,885	0	178,515	178,867	-352	56%	0.00%	7.93%	-0.20%
2016	41.06	224,849	0	224,756	209,304	15,452	62%	0.00%	0.04%	6.88%
2017	44.84	260,147	17,405	228,527	214,922	13,605	58%	0.00%	12.15%	5.95%
2018	46.97	295,182	24,211	258,515	243,978	14,538	63%	0.00%	12.42%	5.62%
2019	51.63	273,282	30,675	283,156	267,537	15,619	63%	0.00%	-3.61%	5.52%
2020	49.45	282,288	34,573	258,515	242,220	16,295	60%	0.00%	8.42%	6.30%
2021	52.87	323,527	31,686	278,497	262,882	15,615	60%	0.00%	13.92%	5.61%
2022	53.93	310,160	7,404	302,068	282,701	19,366	64%	0.00%	2.61%	6.41%
2023	59.54	339,443	48,732	326,279	309,014	17,266	63%	0.00%	3.88%	5.29%

In the past five (5) years, Peak Demand increased from 51.63 MW in 2019 to 59.54 MW in 2023 at an average rate of 3.78% due to the continuing growth and establishment of commercial industries within LEYECO II's coverage area. MWh Offtake increased from 273,282 MWh in 2019 to 339,443 MWh in 2023 at an average annual rate of 5.80% due to the significant number of new connections, wherein a large number of new connections is owed to resettlement areas, a considerable number have been established in the municipalities and city within LEYECO II coverage area. Within the same period, Load Factor ranged from 60% to 64%. It can be noted however, that the upward trend in consumption was interrupted in the year 2020, such change is due to the Covid-19 pandemic which forced commercial establishments to halt operations or at the very least reduce the amount of operation from working hours to operating hour.

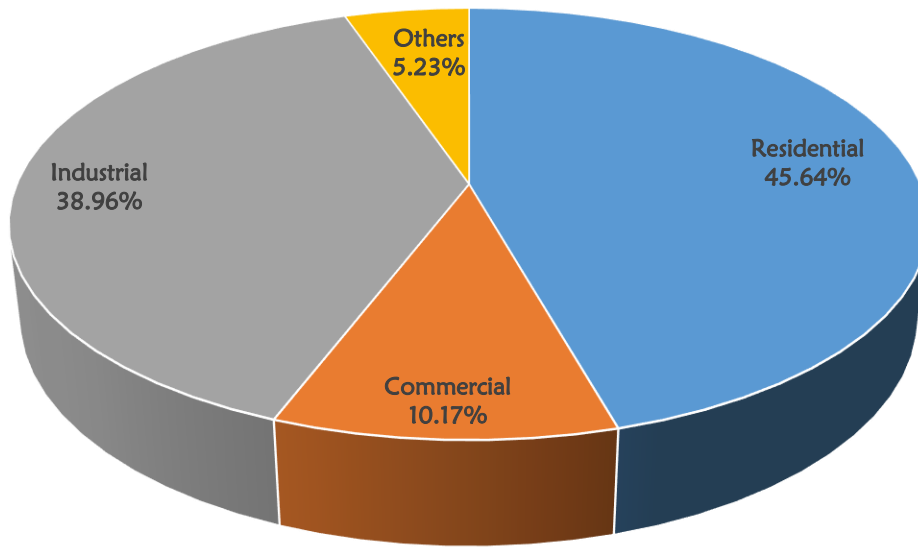


MWh Output increased from year 2019 to year 2023 at a rate of 15.50%, while MWh System Loss decreased at a rate of -8.00% within the same period.



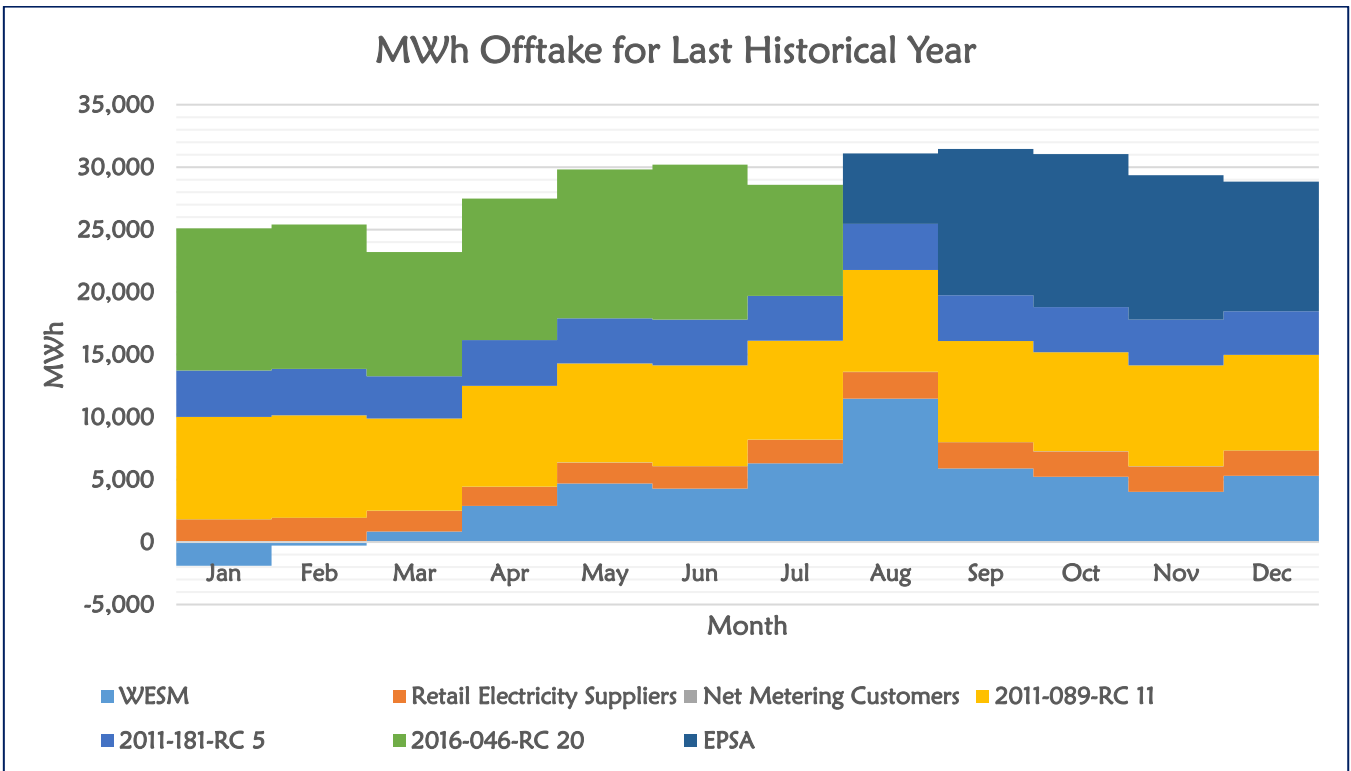
Looking at the 5-year trend (2019-2023), the highest System Loss was in the year 2022 at 6.41% which was the result of the return from pandemic days to regular operations of most institutions. System Loss for the 5-year period ranged between 4.42% to 6.41%, with the year 2023 having the lowest system loss.

Previous Year's Shares of Energy Sales

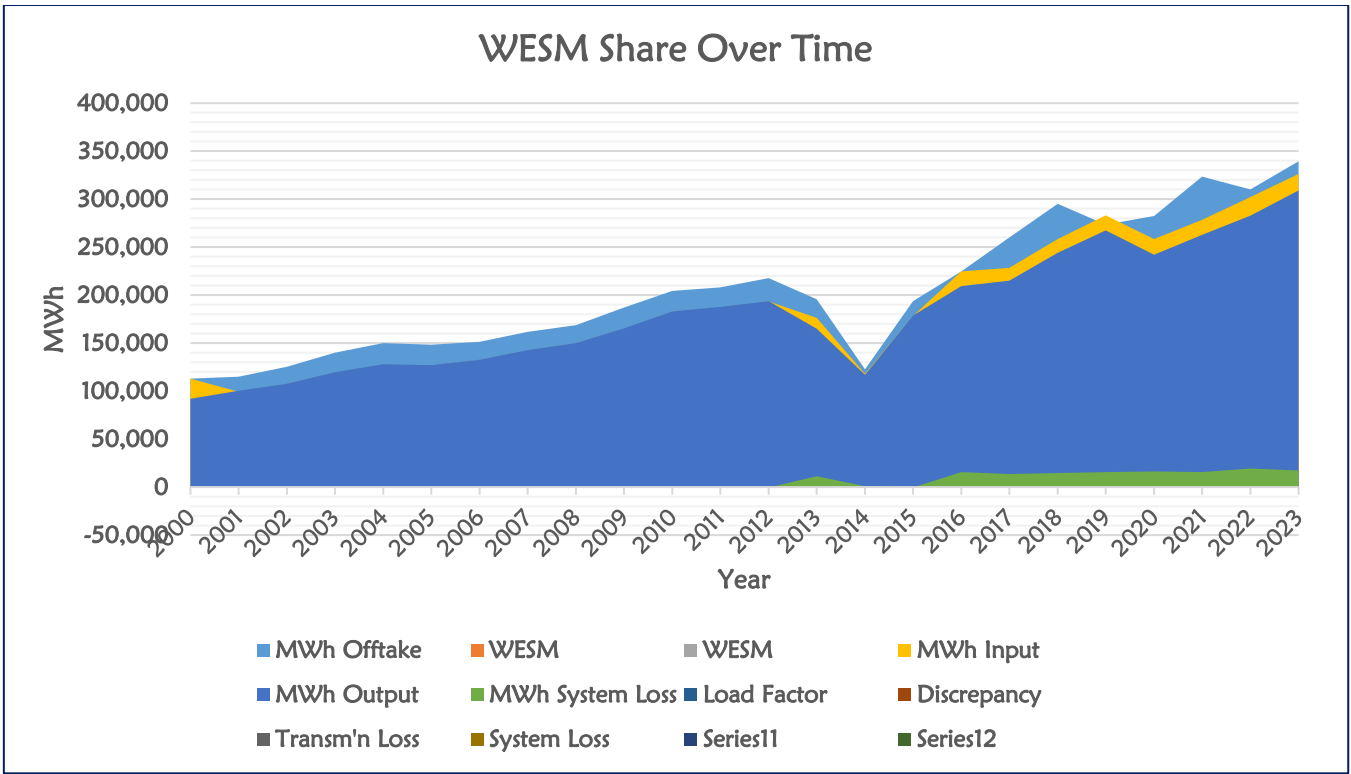


Residential customers account for the bulk of energy sales at 45.64% due to the high number of connections. In contrast, other classifications of customers accounted for only 5.23% of energy sales due to the low number of connections.

MWh Offtake for Last Historical Year

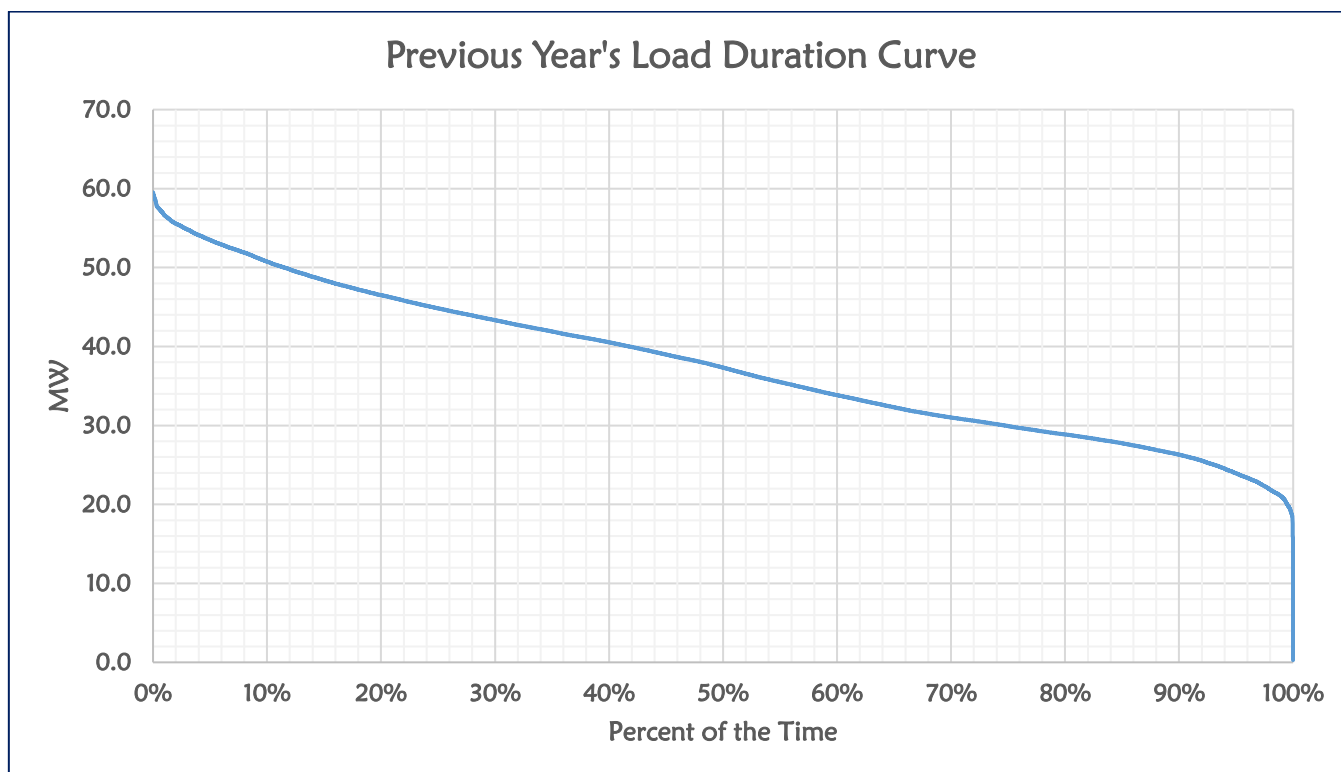


For 2023, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with GNPD (2016-046-RC) at 20 MW accounts for the bulk of MWh Offtake.

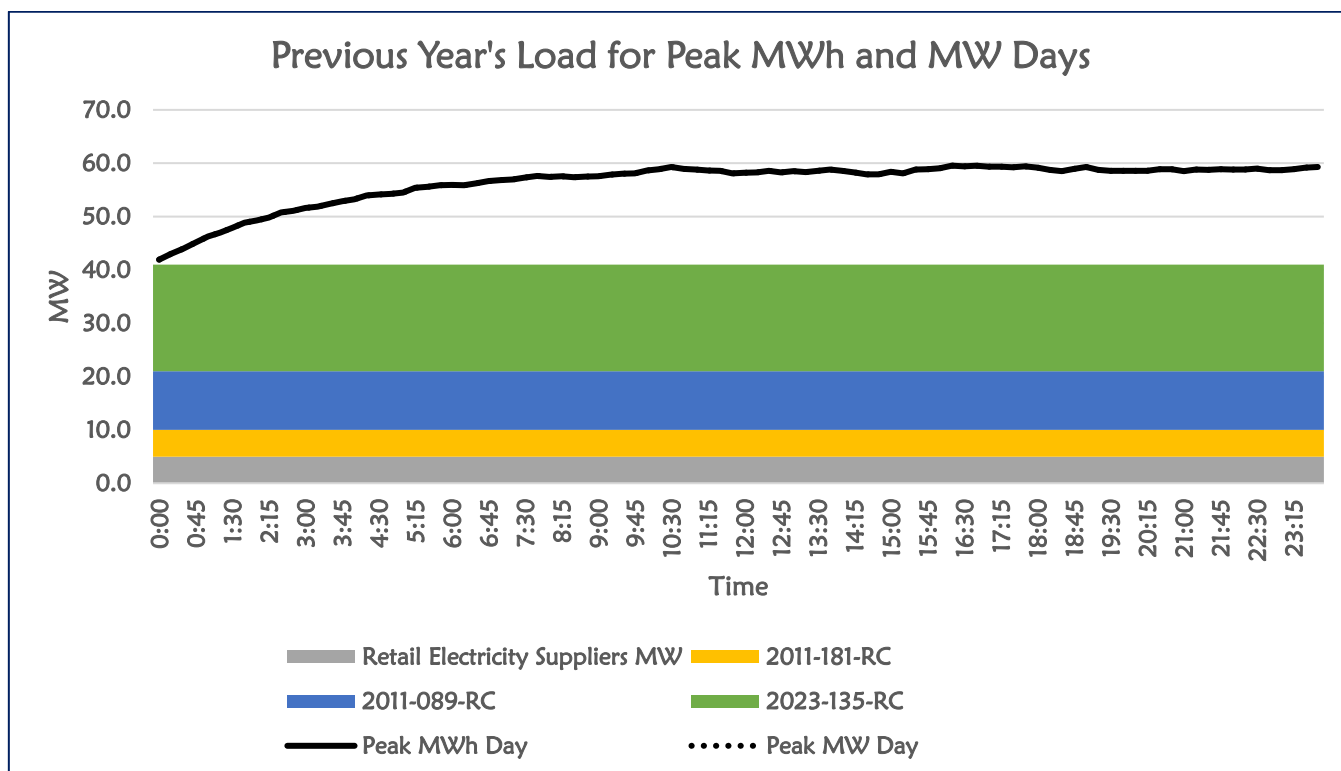


WESM Offtake increased from 30,675.39 MWh in 2019 to 48,731.54 MWh in 2023 due to the termination of the GNPD PPSA as affected by the Alyansa case. The share of WESM in the total Offtake ranged from 2.39% to 14.36% for the same period. Negative WESM transactions indicate that the EC made a sellback to the market during the billing period.

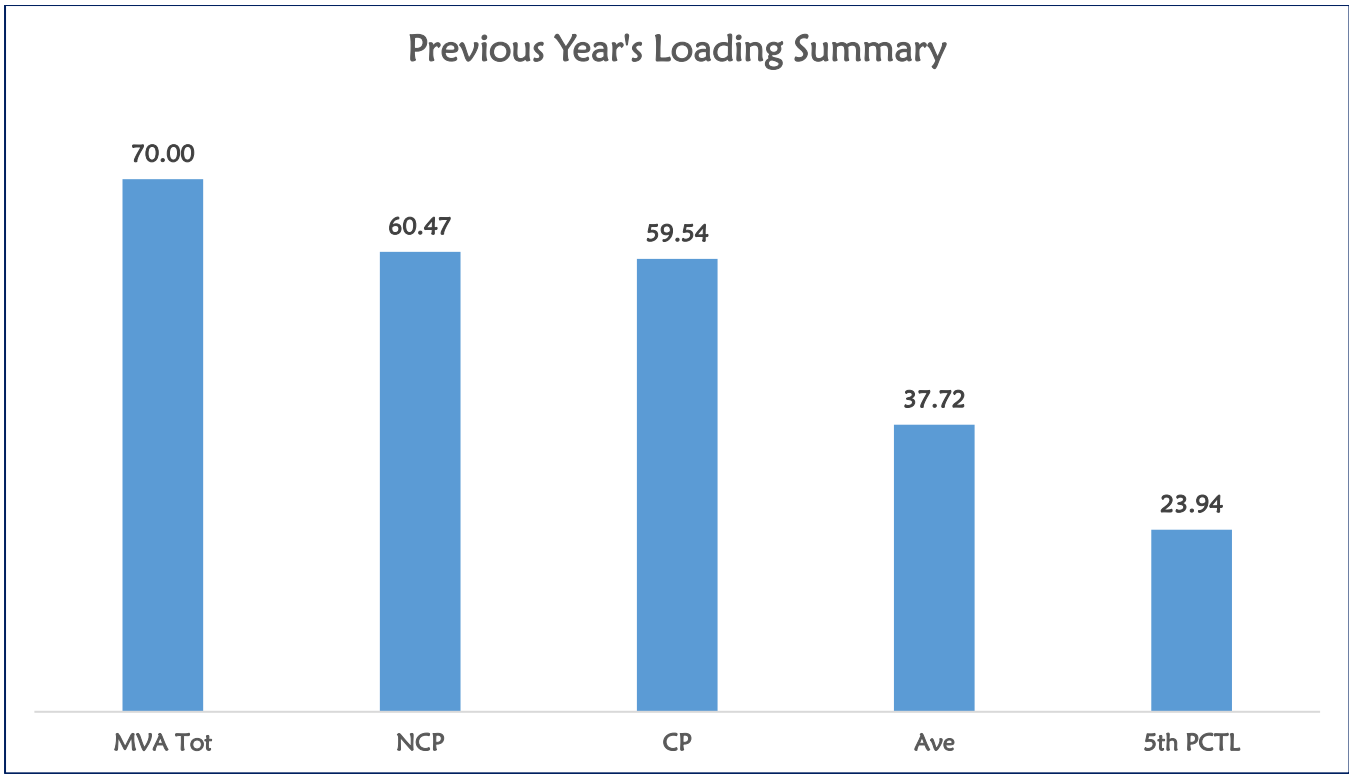
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 0 MW and the maximum load is 59.54 MW for the last historical year.



Peak MW occurred on August 8, 2023 at around 1:45 PM due to several school activities being held at the same time. Peak daily MWh occurred on August 8, 2023 for the same reason. As shown in the Load Curves, the available supply is lower than the Peak Demand.



The Non-coincident Peak Demand is 60.47 MW, which is around 86.38% of the total substation capacity of 70 MVA at a power factor of 96.87%. The load factor or the ratio between the Average Load of 38.00 MW and the Non-coincident Peak Demand is 63.76%. A safe estimate of the true minimum load is the fifth percentile load of 23.94 MW which is 39.60% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Sagkahan S/S	30	22.808
Campetic S/S	20	18.620
Abucay S/S	20	19.041

Two substations are now loaded above 70% namely, MF3MBABLEY202 (Campetic Substation) and MF3MBABLEY203 (Abucay Substation). This loading problem will be solved by constructing a new substation come 2024.

Forecasted Consumption Data

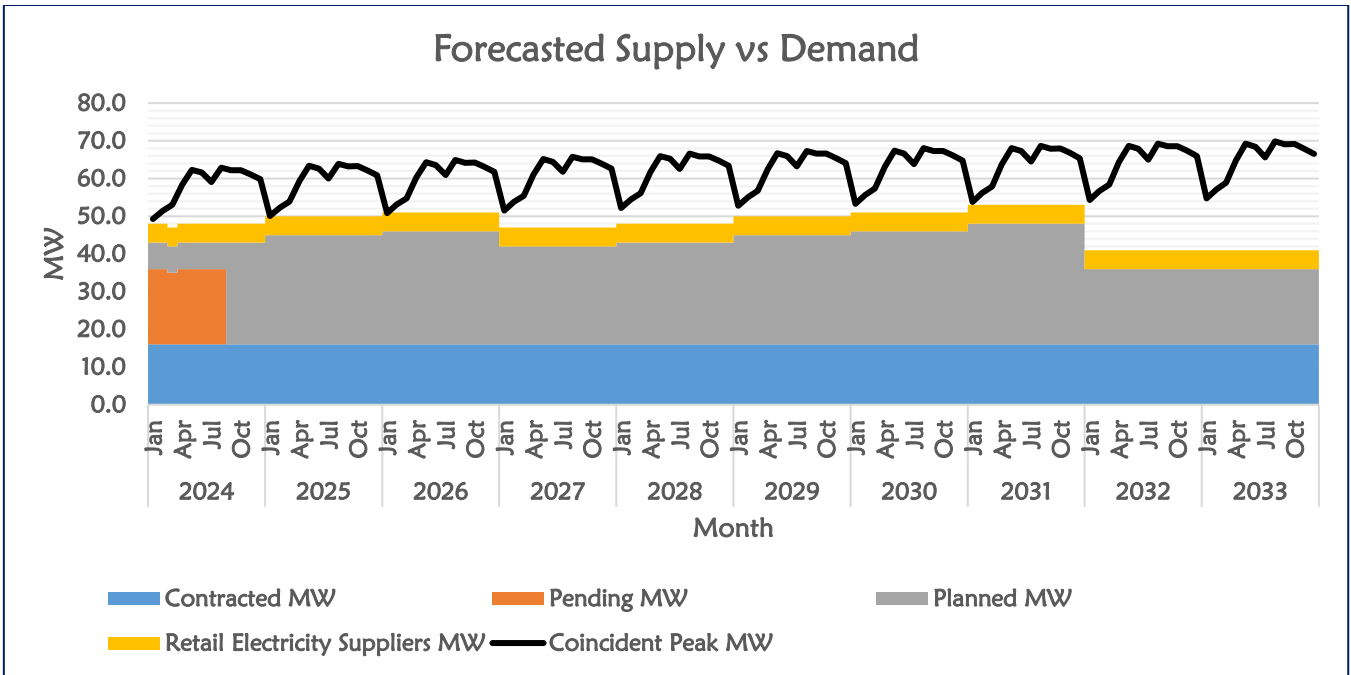
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2024	Jan	49.27	16.00	20.00	7.000	5.00	36%	97%	-1.27
	Feb	51.44	16.00	20.00	7.000	5.00	34%	93%	-3.44
	Mar	52.99	16.00	19.00	7.000	5.00	33%	88%	-5.99
	Apr	58.36	16.00	20.00	7.000	5.00	30%	81%	-10.36
	May	62.31	16.00	20.00	7.000	5.00	28%	75%	-14.31
	Jun	61.61	16.00	20.00	7.000	5.00	28%	76%	-13.61
	Jul	59.03	16.00	20.00	7.000	5.00	30%	80%	-11.03
	Aug	62.89	16.00	20.00	7.000	5.00	28%	74%	-14.89
	Sep	62.21	16.00	0.00	27.000	5.00	28%	75%	-14.21
	Oct	62.23	16.00	0.00	27.000	5.00	28%	75%	-14.23
	Nov	61.13	16.00	0.00	27.000	5.00	29%	77%	-13.13
	Dec	59.87	16.00	0.00	27.000	5.00	29%	78%	-11.87
2025	Jan	50.10	16.00	0.00	29.000	5.00	35%	100%	-0.10
	Feb	52.30	16.00	0.00	29.000	5.00	34%	95%	-2.30
	Mar	53.89	16.00	0.00	29.000	5.00	33%	92%	-3.89
	Apr	59.34	16.00	0.00	29.000	5.00	29%	83%	-9.34
	May	63.36	16.00	0.00	29.000	5.00	27%	77%	-13.36
	Jun	62.65	16.00	0.00	29.000	5.00	28%	78%	-12.65
	Jul	60.03	16.00	0.00	29.000	5.00	29%	82%	-10.03
	Aug	63.95	16.00	0.00	29.000	5.00	27%	76%	-13.95
	Sep	63.25	16.00	0.00	29.000	5.00	27%	77%	-13.25
	Oct	63.28	16.00	0.00	29.000	5.00	27%	77%	-13.28
	Nov	62.16	16.00	0.00	29.000	5.00	28%	79%	-12.16
	Dec	60.88	16.00	0.00	29.000	5.00	29%	81%	-10.88
2026	Jan	50.86	16.00	0.00	30.000	5.00	35%	100%	0.14
	Feb	53.09	16.00	0.00	30.000	5.00	33%	96%	-2.09
	Mar	54.70	16.00	0.00	30.000	5.00	32%	93%	-3.70
	Apr	60.23	16.00	0.00	30.000	5.00	29%	83%	-9.23
	May	64.31	16.00	0.00	30.000	5.00	27%	78%	-13.31

	Jun	63.59	16.00	0.00	30.000	5.00	27%	79%	-12.59
	Jul	60.93	16.00	0.00	30.000	5.00	29%	82%	-9.93
	Aug	64.91	16.00	0.00	30.000	5.00	27%	77%	-13.91
	Sep	64.20	16.00	0.00	30.000	5.00	27%	78%	-13.20
	Oct	64.23	16.00	0.00	30.000	5.00	27%	78%	-13.23
	Nov	63.09	16.00	0.00	30.000	5.00	28%	79%	-12.09
	Dec	61.79	16.00	0.00	30.000	5.00	28%	81%	-10.79
2027	Jan	51.54	16.00	0.00	26.000	5.00	34%	90%	-4.54
	Feb	53.81	16.00	0.00	26.000	5.00	33%	86%	-6.81
	Mar	55.43	16.00	0.00	26.000	5.00	32%	83%	-8.43
	Apr	61.04	16.00	0.00	26.000	5.00	29%	75%	-14.04
	May	65.18	16.00	0.00	26.000	5.00	27%	70%	-18.18
	Jun	64.45	16.00	0.00	26.000	5.00	27%	71%	-17.45
	Jul	61.75	16.00	0.00	26.000	5.00	28%	74%	-14.75
	Aug	65.78	16.00	0.00	26.000	5.00	26%	69%	-18.78
	Sep	65.07	16.00	0.00	26.000	5.00	27%	70%	-18.07
	Oct	65.10	16.00	0.00	26.000	5.00	27%	70%	-18.10
	Nov	63.95	16.00	0.00	26.000	5.00	27%	71%	-16.95
	Dec	62.62	16.00	0.00	26.000	5.00	28%	73%	-15.62
2028	Jan	52.17	16.00	0.00	27.000	5.00	34%	91%	-4.17
	Feb	54.46	16.00	0.00	27.000	5.00	32%	87%	-6.46
	Mar	56.11	16.00	0.00	27.000	5.00	31%	84%	-8.11
	Apr	61.79	16.00	0.00	27.000	5.00	28%	76%	-13.79
	May	65.98	16.00	0.00	27.000	5.00	26%	71%	-17.98
	Jun	65.24	16.00	0.00	27.000	5.00	27%	71%	-17.24
	Jul	62.51	16.00	0.00	27.000	5.00	28%	75%	-14.51
	Aug	66.59	16.00	0.00	27.000	5.00	26%	70%	-18.59
	Sep	65.87	16.00	0.00	27.000	5.00	26%	71%	-17.87
	Oct	65.89	16.00	0.00	27.000	5.00	26%	71%	-17.89
	Nov	64.73	16.00	0.00	27.000	5.00	27%	72%	-16.73
	Dec	63.39	16.00	0.00	27.000	5.00	27%	74%	-15.39
2029	Jan	52.76	16.00	0.00	29.000	5.00	34%	94%	-2.76
	Feb	55.07	16.00	0.00	29.000	5.00	32%	90%	-5.07
	Mar	56.74	16.00	0.00	29.000	5.00	31%	87%	-6.74
	Apr	62.48	16.00	0.00	29.000	5.00	28%	78%	-12.48

	May	66.72	16.00	0.00	29.000	5.00	26%	73%	-16.72
	Jun	65.97	16.00	0.00	29.000	5.00	26%	74%	-15.97
	Jul	63.21	16.00	0.00	29.000	5.00	27%	77%	-13.21
	Aug	67.34	16.00	0.00	29.000	5.00	26%	72%	-17.34
	Sep	66.60	16.00	0.00	29.000	5.00	26%	73%	-16.60
	Oct	66.63	16.00	0.00	29.000	5.00	26%	73%	-16.63
	Nov	65.45	16.00	0.00	29.000	5.00	26%	74%	-15.45
	Dec	64.10	16.00	0.00	29.000	5.00	27%	76%	-14.10
2030	Jan	53.30	16.00	0.00	30.000	5.00	33%	95%	-2.30
	Feb	55.64	16.00	0.00	30.000	5.00	32%	91%	-4.64
	Mar	57.33	16.00	0.00	30.000	5.00	31%	88%	-6.33
	Apr	63.13	16.00	0.00	30.000	5.00	28%	79%	-12.13
	May	67.41	16.00	0.00	30.000	5.00	26%	74%	-16.41
	Jun	66.65	16.00	0.00	30.000	5.00	26%	75%	-15.65
	Jul	63.86	16.00	0.00	30.000	5.00	27%	78%	-12.86
	Aug	68.03	16.00	0.00	30.000	5.00	25%	73%	-17.03
	Sep	67.29	16.00	0.00	30.000	5.00	26%	74%	-16.29
	Oct	67.32	16.00	0.00	30.000	5.00	26%	74%	-16.32
	Nov	66.13	16.00	0.00	30.000	5.00	26%	75%	-15.13
	Dec	64.76	16.00	0.00	30.000	5.00	27%	77%	-13.76
2031	Jan	53.81	16.00	0.00	32.000	5.00	33%	98%	-0.81
	Feb	56.17	16.00	0.00	32.000	5.00	31%	94%	-3.17
	Mar	57.87	16.00	0.00	32.000	5.00	30%	91%	-4.87
	Apr	63.73	16.00	0.00	32.000	5.00	27%	82%	-10.73
	May	68.05	16.00	0.00	32.000	5.00	25%	76%	-15.05
	Jun	67.28	16.00	0.00	32.000	5.00	26%	77%	-14.28
	Jul	64.47	16.00	0.00	32.000	5.00	27%	81%	-11.47
	Aug	68.68	16.00	0.00	32.000	5.00	25%	75%	-15.68
	Sep	67.93	16.00	0.00	32.000	5.00	25%	76%	-14.93
	Oct	67.96	16.00	0.00	32.000	5.00	25%	76%	-14.96
	Nov	66.76	16.00	0.00	32.000	5.00	26%	78%	-13.76
	Dec	65.38	16.00	0.00	32.000	5.00	26%	79%	-12.38
2032	Jan	54.29	16.00	0.00	20.000	5.00	32%	73%	-13.29
	Feb	56.67	16.00	0.00	20.000	5.00	31%	70%	-15.67
	Mar	58.39	16.00	0.00	20.000	5.00	30%	67%	-17.39

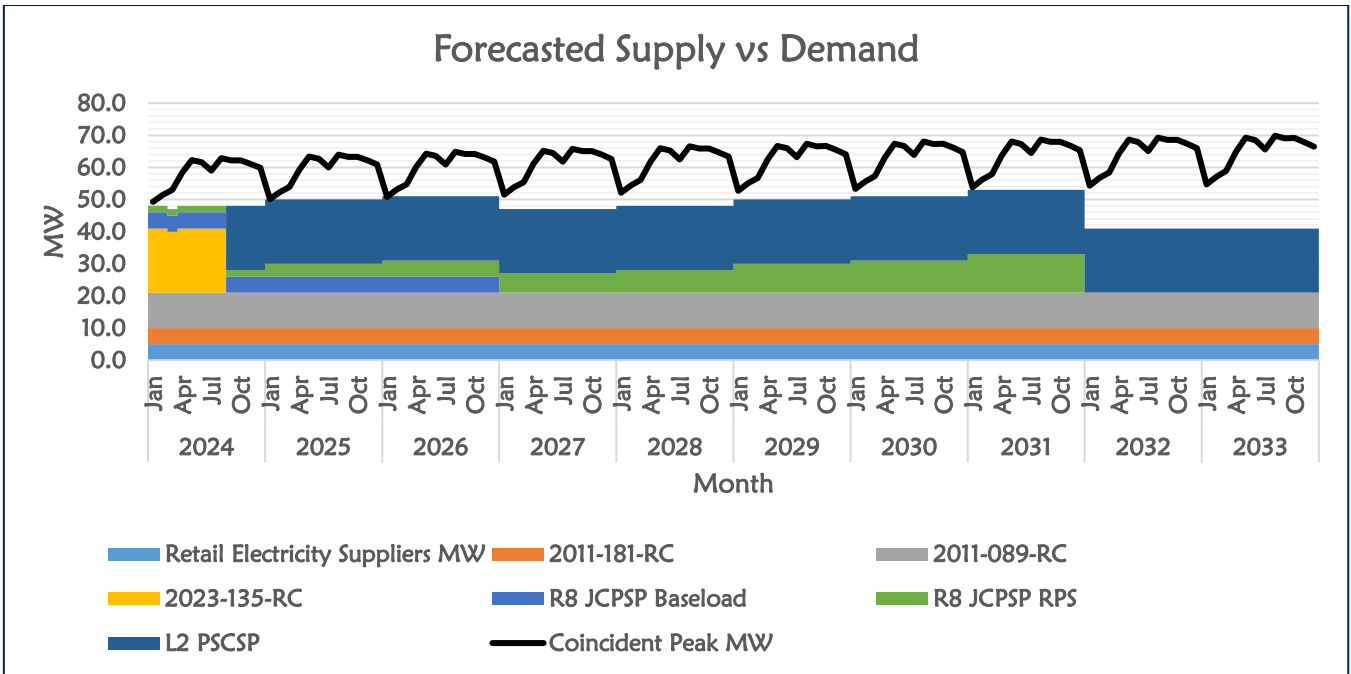
	Apr	64.30	16.00	0.00	20.000	5.00	27%	61%	-23.30
	May	68.66	16.00	0.00	20.000	5.00	25%	57%	-27.66
	Jun	67.88	16.00	0.00	20.000	5.00	25%	57%	-26.88
	Jul	65.04	16.00	0.00	20.000	5.00	27%	60%	-24.04
	Aug	69.29	16.00	0.00	20.000	5.00	25%	56%	-28.29
	Sep	68.54	16.00	0.00	20.000	5.00	25%	57%	-27.54
	Oct	68.57	16.00	0.00	20.000	5.00	25%	57%	-27.57
	Nov	67.35	16.00	0.00	20.000	5.00	26%	58%	-26.35
	Dec	65.96	16.00	0.00	20.000	5.00	26%	59%	-24.96
2033	Jan	54.74	16.00	0.00	20.000	5.00	32%	72%	-13.74
	Feb	57.14	16.00	0.00	20.000	5.00	31%	69%	-16.14
	Mar	58.87	16.00	0.00	20.000	5.00	30%	67%	-17.87
	Apr	64.83	16.00	0.00	20.000	5.00	27%	60%	-23.83
	May	69.23	16.00	0.00	20.000	5.00	25%	56%	-28.23
	Jun	68.45	16.00	0.00	20.000	5.00	25%	57%	-27.45
	Jul	65.58	16.00	0.00	20.000	5.00	26%	59%	-24.58
	Aug	69.86	16.00	0.00	20.000	5.00	25%	56%	-28.86
	Sep	69.11	16.00	0.00	20.000	5.00	25%	56%	-28.11
	Oct	69.14	16.00	0.00	20.000	5.00	25%	56%	-28.14
	Nov	67.91	16.00	0.00	20.000	5.00	25%	57%	-26.91
	Dec	66.51	16.00	0.00	20.000	5.00	26%	59%	-25.51

The Peak Demand was forecasted using logarithmic model ($a + bt^3 + c \log t$) and is assumed to occur on the month of August due to increase in the use of electricity from the start of classes. Monthly Peak Demand is at its lowest on the month of January due to the cold weather. In general, Peak Demand is expected to grow at a rate of 1.44% annually for the first five years and will go down to 1.18% for the next 10 years.



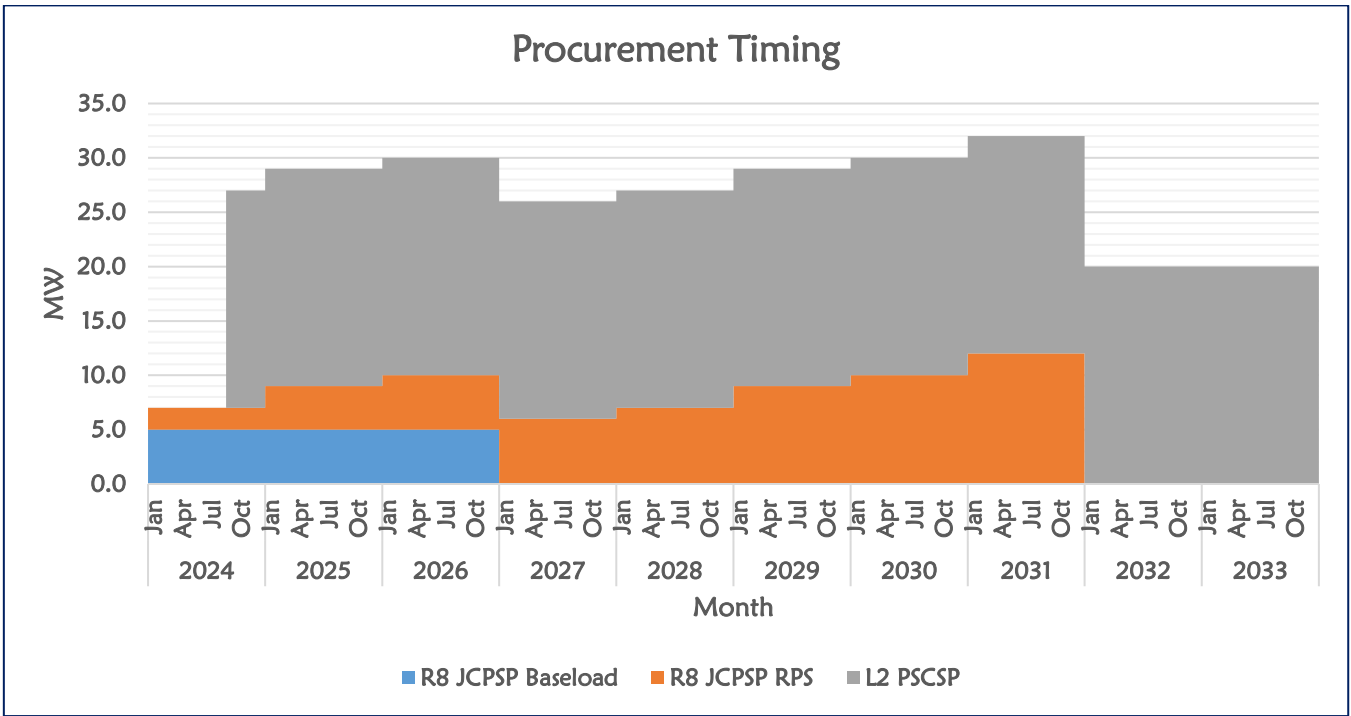
The available supply is generally below the Peak Demand. This is because LEYECO II made sure that there will be no over-contracting as this is detrimental to the goal of supplying power at low electricity rates in the region.

As can be seen on August 2024, there seems to be an abrupt increase in the Planned MW. However, this is not so. There is an overlapping of the existing EPSA Contract which will end on August 11, 2024 with the planned new baseload CSP starting on the same billing period on August 12, 2024.

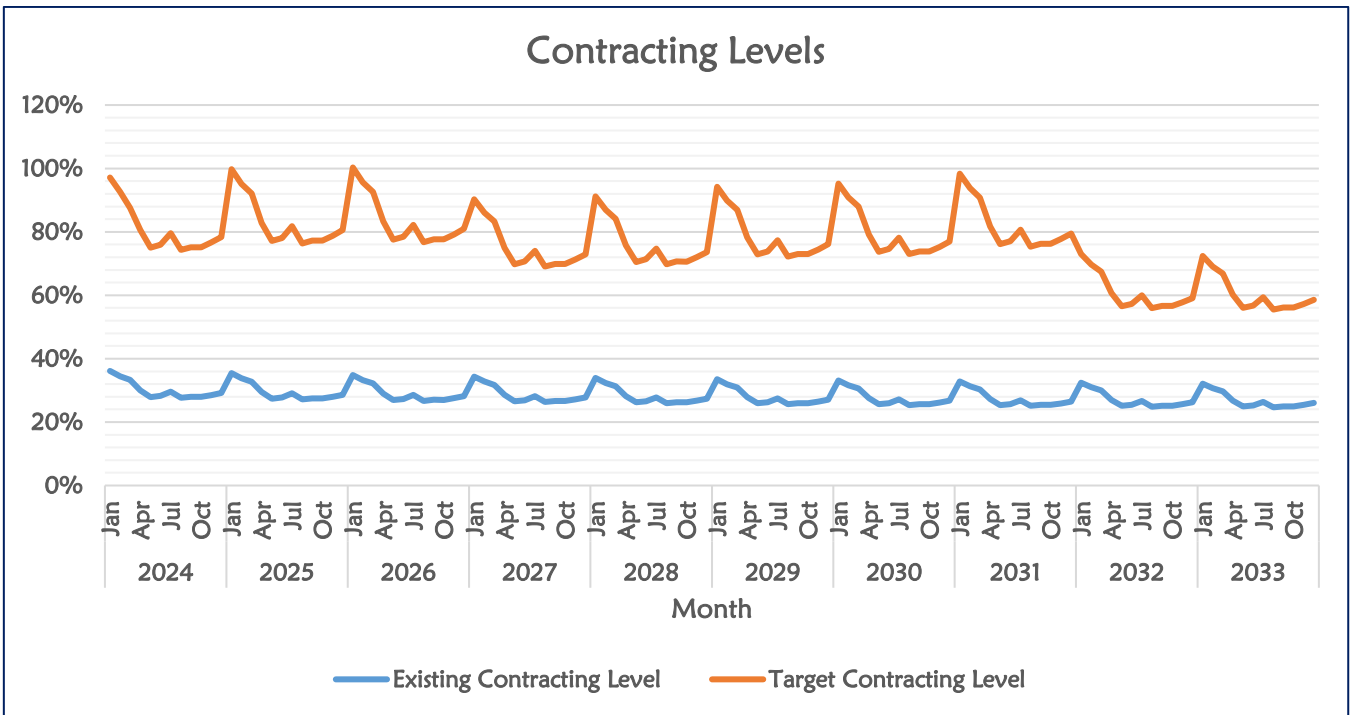


Of the available supply, the largest is 20MW from 2016-046-RC or the PPSA with GNPD. This is followed by 11MW and 5MW from 2011-089-RC and 2011-181-RC, both from GCGI. However, since the GNPD PPSA was terminated by the ERC on July 18, 2023, LEYECO II will be procuring a new source of power supply for its capacity requirements to replace the GNPD PPSA.

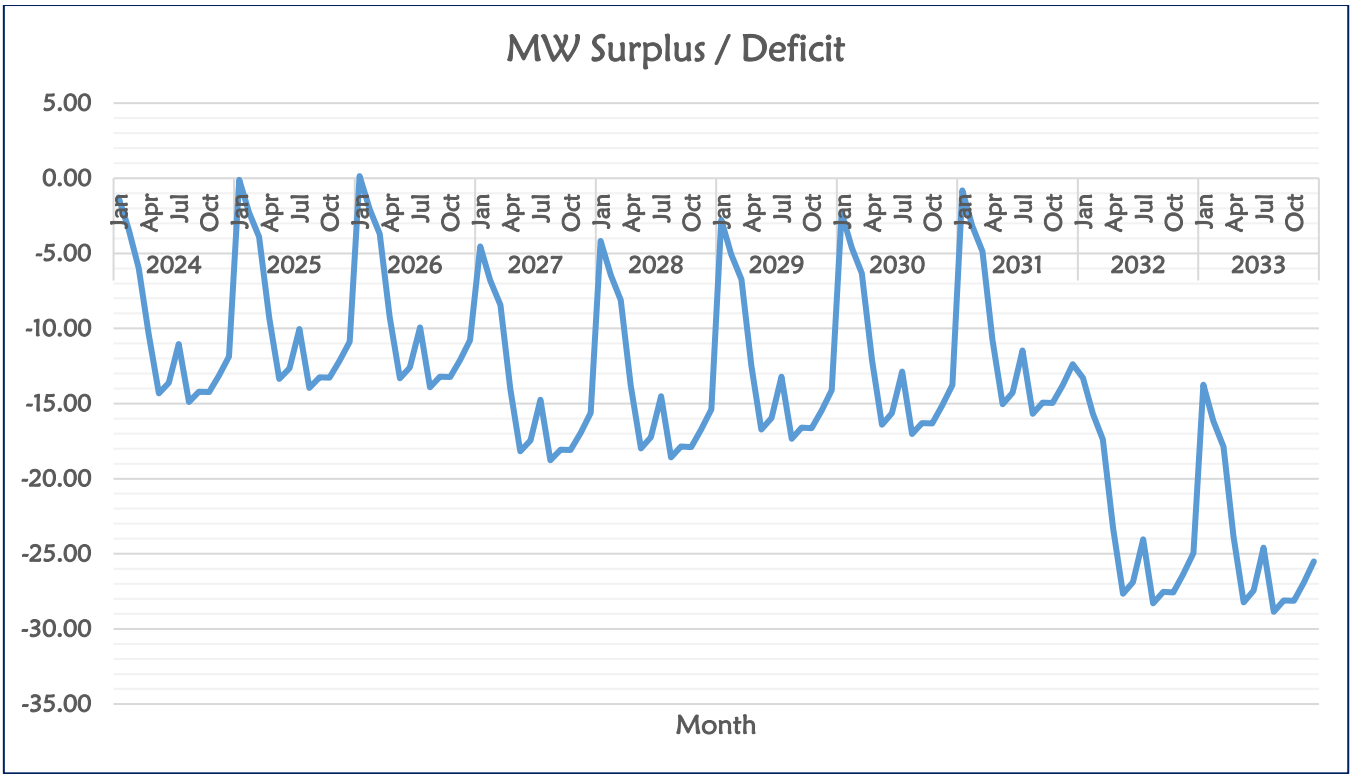
The graph shows that the LEYECO II CSP – Baseload will be overlapping with the existing EPSA with FDCUI since the EPSA will be terminated and the baseload commenced on the same billing period.



The first wave of supply procurement will be for 5MW short-term base load planned to be available by the month of December along with renewable energy. Simultaneously, RPS requirements of the EC will also be procured to meet regulatory standards.



Currently, there is under-contracting by 11%. The highest target contracting level is 106% which is expected to occur on 2026. This is due to the very low demand requirement on the month of February while the RPS requirements are being met, whereby an increase in the planned RPS PSA was just made for an additional 1MW at a time where the demand is very low. The lowest target contracting level is 57% which is expected to occur on 2023. LEYECO II is serious in its PSA contracting because of the past experiences it had with other power suppliers. Hence, together with the R8 ECs, power supply contracting is taken with utmost diligence and consideration.



Currently, there is under-contacting by 5MW. The highest surplus is 2.85 MW which is expected to occur on the month of February considering the weather conditions and transaction levels experienced in this month. The lowest deficit is -26.30 MW which is expected to occur on the month of August in 2032 where the peak demand occurs in the past years. This is attributed to the expiration of the PSAs with most of the power suppliers, leaving only the long-term power supply with GCCI and the planned 20MW PSA.

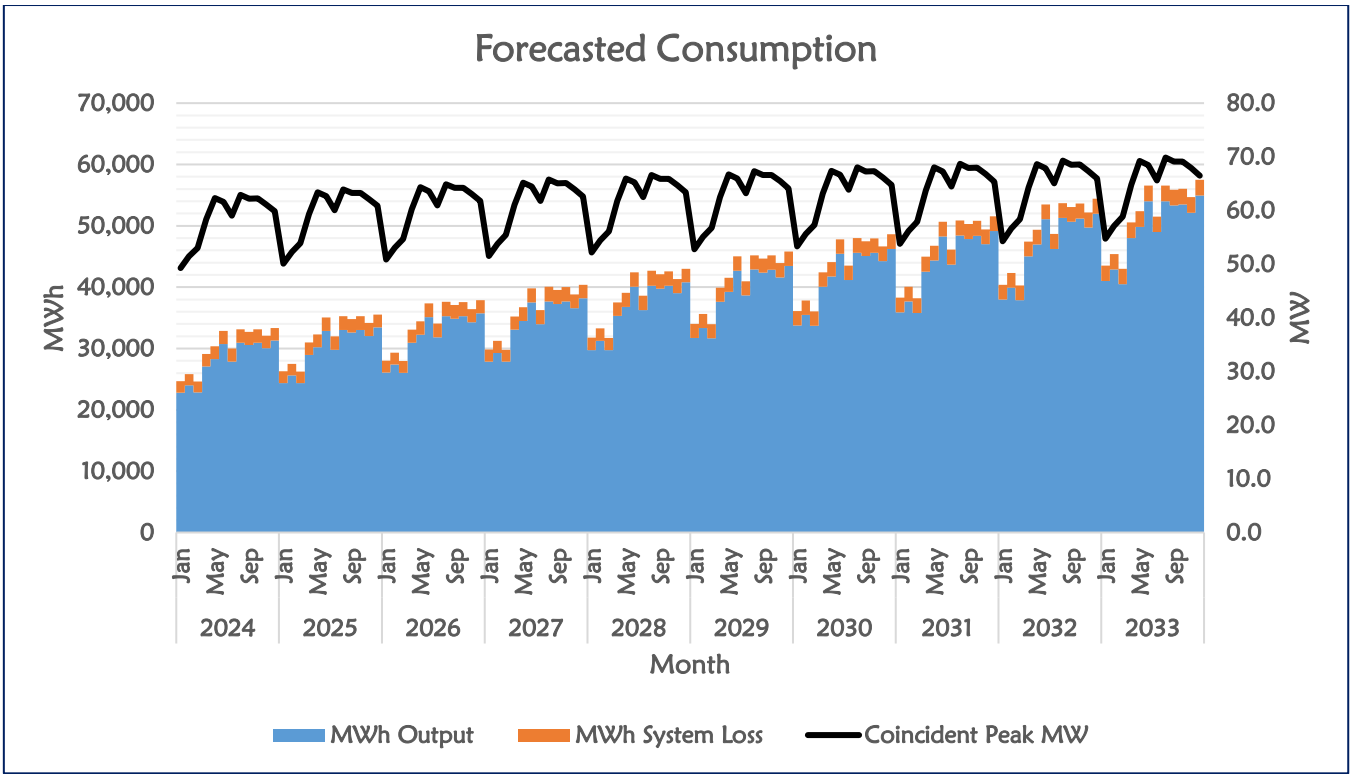
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2024	Jan	25,390	22,819	1,851	2.84%	7.50%
	Feb	26,233	23,986	1,828	1.60%	7.08%
	Mar	24,930	22,826	1,811	1.17%	7.35%
	Apr	29,889	27,091	2,025	2.59%	6.96%
	May	31,261	28,258	2,079	2.96%	6.85%
	Jun	32,937	30,753	2,140	0.13%	6.50%
	Jul	30,661	27,872	2,137	2.12%	7.12%
	Aug	34,021	30,912	2,225	2.60%	6.71%
	Sep	33,517	30,547	2,142	2.47%	6.55%
	Oct	34,039	30,946	2,173	2.70%	6.56%
	Nov	34,452	30,029	2,070	6.83%	6.45%
	Dec	34,268	31,317	2,031	2.68%	6.09%
2025	Jan	26,598	24,381	1,897	1.20%	7.22%
	Feb	27,918	25,625	1,873	1.50%	6.81%
	Mar	26,656	24,378	1,856	1.59%	7.08%
	Apr	31,451	28,939	2,075	1.39%	6.69%
	May	33,579	30,182	2,131	3.77%	6.59%
	Jun	35,923	32,846	2,192	2.46%	6.26%
	Jul	33,165	29,765	2,190	3.65%	6.85%
	Aug	36,173	33,010	2,280	2.44%	6.46%
	Sep	35,385	32,619	2,195	1.62%	6.30%
	Oct	36,181	33,034	2,227	2.54%	6.32%
	Nov	34,876	32,058	2,121	2.00%	6.21%
	Dec	36,148	33,447	2,081	1.72%	5.86%
2026	Jan	28,431	26,069	1,942	1.48%	6.93%
	Feb	30,176	27,396	1,918	2.86%	6.54%

	Mar	28,439	26,054	1,900	1.70%	6.80%
	Apr	33,182	30,936	2,124	0.37%	6.43%
	May	35,363	32,262	2,181	2.60%	6.33%
	Jun	38,236	35,108	2,244	2.31%	6.01%
	Jul	34,464	31,811	2,242	1.19%	6.58%
	Aug	37,995	35,277	2,333	1.01%	6.20%
	Sep	37,988	34,858	2,247	2.33%	6.05%
	Oct	37,970	35,290	2,280	1.05%	6.07%
	Nov	37,307	34,251	2,172	2.37%	5.96%
	Dec	38,880	35,749	2,130	2.57%	5.62%
2027	Jan	30,152	27,867	1,986	0.99%	6.65%
	Feb	32,198	29,282	1,961	2.96%	6.28%
	Mar	29,816	27,839	1,943	0.11%	6.52%
	Apr	35,391	33,062	2,173	0.44%	6.17%
	May	36,978	34,476	2,231	0.73%	6.08%
	Jun	40,180	37,516	2,295	0.92%	5.77%
	Jul	36,526	33,989	2,293	0.67%	6.32%
	Aug	40,450	37,690	2,386	0.92%	5.95%
	Sep	39,883	37,241	2,298	0.86%	5.81%
	Oct	40,423	37,691	2,331	0.99%	5.83%
	Nov	39,104	36,584	2,221	0.76%	5.72%
	Dec	40,821	38,199	2,179	1.09%	5.40%
2028	Jan	31,753	29,757	2,029	-0.10%	6.38%
	Feb	33,305	31,266	2,004	0.10%	6.02%
	Mar	32,253	29,716	1,986	1.71%	6.26%
	Apr	37,754	35,298	2,220	0.62%	5.92%
	May	39,439	36,804	2,279	0.90%	5.83%
	Jun	42,856	40,048	2,346	1.08%	5.53%
	Jul	38,948	36,279	2,343	0.84%	6.07%
	Aug	43,133	40,228	2,439	1.08%	5.72%
	Sep	42,531	39,747	2,348	1.02%	5.58%
	Oct	43,092	40,216	2,383	1.15%	5.59%
	Nov	41,695	39,039	2,270	0.93%	5.50%
	Dec	43,543	40,777	2,227	1.24%	5.18%
2029	Jan	34,018	31,725	2,283	0.03%	6.71%
	Feb	35,704	33,332	2,289	0.23%	6.43%
	Mar	34,105	31,670	2,287	0.43%	6.73%
	Apr	40,215	37,627	2,302	0.71%	5.76%
	May	41,945	39,229	2,306	0.98%	5.55%
	Jun	45,527	42,686	2,319	1.15%	5.15%
	Jul	41,359	38,665	2,318	0.91%	5.66%
	Aug	45,721	42,872	2,327	1.14%	5.15%
	Sep	45,183	42,357	2,331	1.10%	5.22%
	Oct	45,732	42,845	2,333	1.21%	5.16%
	Nov	44,379	41,595	2,337	1.01%	5.32%
	Dec	46,412	43,461	2,340	1.32%	5.11%
2030	Jan	36,191	33,773	2,339	0.22%	6.48%
	Feb	37,984	35,482	2,345	0.42%	6.20%
	Mar	36,563	33,705	2,342	1.41%	6.50%
	Apr	42,779	40,047	2,358	0.87%	5.56%
	May	44,613	41,748	2,361	1.13%	5.35%
	Jun	48,425	45,425	2,375	1.29%	4.97%
	Jul	43,984	41,143	2,374	1.06%	5.46%
	Aug	48,625	45,617	2,383	1.29%	4.97%
	Sep	48,053	45,069	2,387	1.24%	5.03%
	Oct	48,623	45,578	2,388	1.35%	4.98%
	Nov	47,192	44,253	2,393	1.16%	5.13%
	Dec	49,366	46,253	2,396	1.45%	4.92%
2031	Jan	38,393	35,880	2,394	0.31%	6.26%
	Feb	40,296	37,693	2,400	0.50%	5.99%
	Mar	38,460	35,798	2,398	0.69%	6.28%

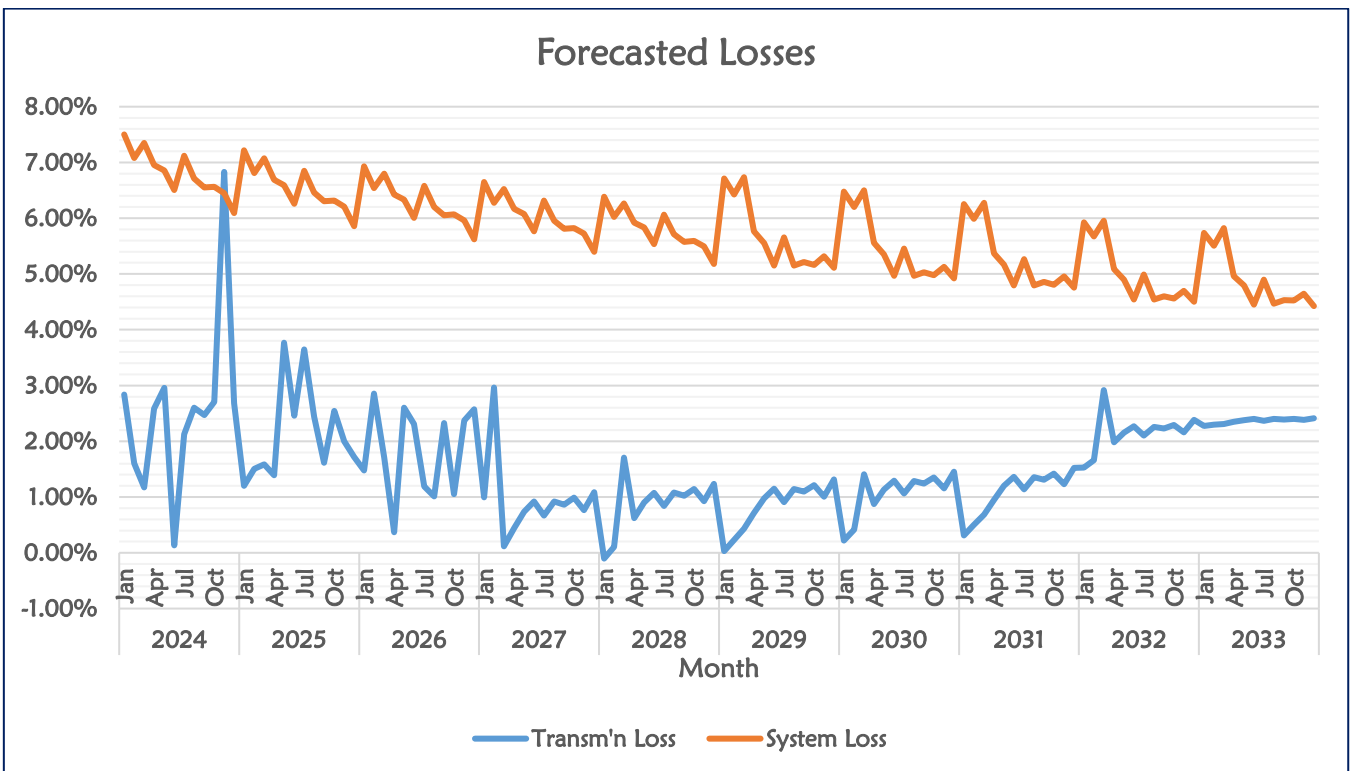
	Apr	45,385	42,540	2,413	0.95%	5.37%
	May	47,329	44,343	2,417	1.20%	5.17%
	Jun	51,377	48,247	2,431	1.36%	4.80%
	Jul	46,656	43,696	2,430	1.14%	5.27%
	Aug	51,584	48,445	2,439	1.36%	4.79%
	Sep	50,974	47,862	2,443	1.31%	4.86%
	Oct	51,568	48,392	2,444	1.42%	4.81%
	Nov	50,052	46,989	2,449	1.23%	4.95%
	Dec	52,373	49,125	2,451	1.52%	4.75%
2032	Jan	41,018	37,997	2,394	1.53%	5.93%
	Feb	43,027	39,911	2,400	1.66%	5.67%
	Mar	41,495	37,886	2,398	2.92%	5.95%
	Apr	48,408	45,037	2,413	1.98%	5.09%
	May	50,443	46,938	2,417	2.16%	4.90%
	Jun	54,741	51,068	2,431	2.27%	4.54%
	Jul	49,719	46,243	2,430	2.10%	4.99%
	Aug	54,947	51,266	2,439	2.26%	4.54%
	Sep	54,298	50,645	2,443	2.23%	4.60%
	Oct	54,887	51,183	2,444	2.29%	4.56%
	Nov	53,306	49,705	2,449	2.16%	4.70%
	Dec	55,774	51,995	2,451	2.38%	4.50%
2033	Jan	44,508	41,002	2,494	2.27%	5.73%
	Feb	46,446	42,881	2,499	2.30%	5.51%
	Mar	44,010	40,491	2,503	2.31%	5.82%
	Apr	51,750	48,026	2,508	2.35%	4.96%
	May	53,636	49,849	2,512	2.38%	4.80%
	Jun	57,929	54,024	2,517	2.40%	4.45%
	Jul	52,746	48,975	2,521	2.37%	4.90%
	Aug	57,937	54,022	2,525	2.40%	4.47%
	Sep	57,238	53,338	2,530	2.39%	4.53%
	Oct	57,397	53,483	2,534	2.40%	4.52%
	Nov	55,995	52,122	2,539	2.38%	4.64%
	Dec	58,912	54,946	2,543	2.41%	4.42%

MWh Offtake was forecasted using available data from contracted PSAs. The assumed load factor is 60%.

System Loss was calculated through a Load Flow Study conducted using DSAS 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 3.41% annually.



Transmission Loss is expected to range from -0.10% to 6.83% while System Loss is expected to range from 4.42% to 7.50%. Transmission Loss will be at its peak on November 2024.

Power Supply

Case No.	Type	GenCo	Minimum MW	Maximum MW	Minimum MWh/yr	Maximum MWh/yr	PSA Start	PSA End
2011-181-RC	Base	Green Core Geothermal, Inc.	5.00	5.00	43,445	43,800	12/26/2011	12/25/2040
2011-089-RC	Base	Green Core Geothermal, Inc.	11.00	11.00	95,579	96,360	12/26/2010	12/25/2040

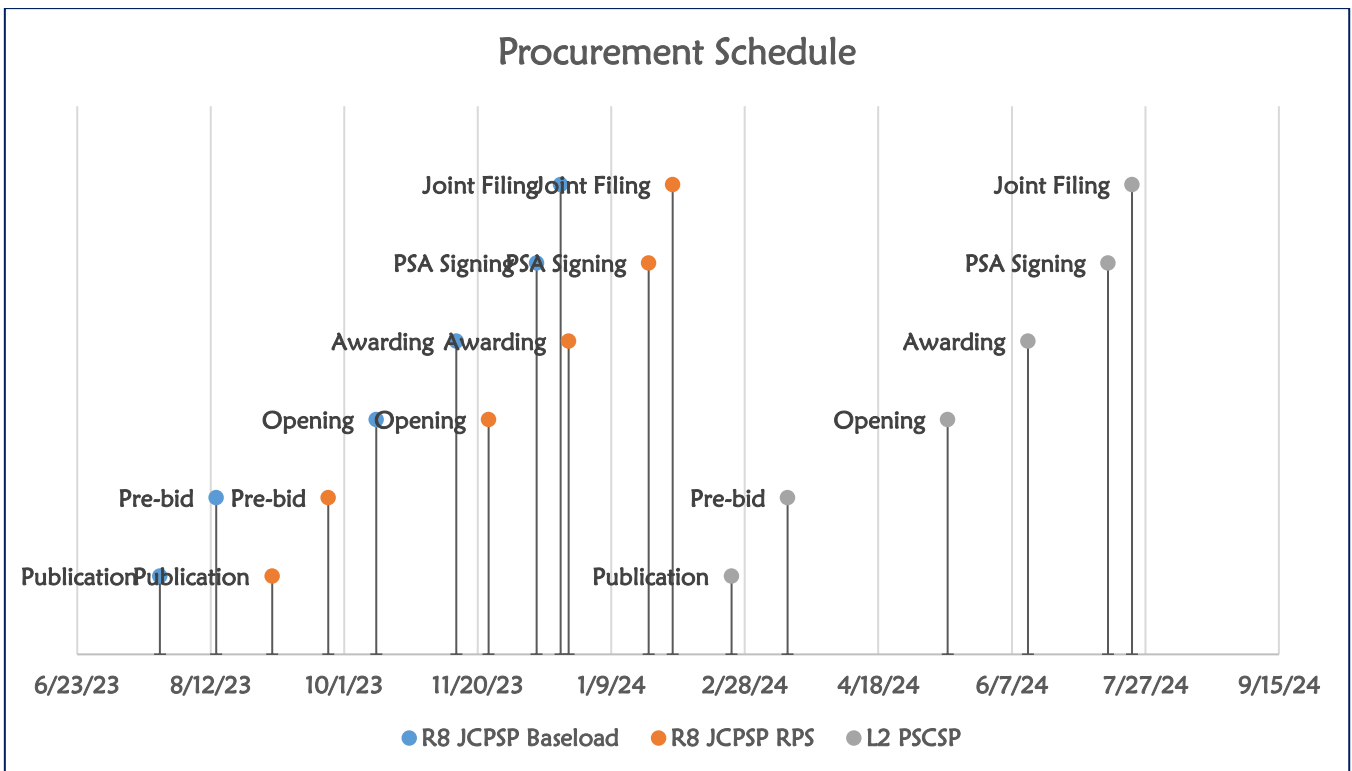
The PSA with Green Core Geothermal, Inc. filed with ERC under Case No. 2011-089-RC and 2011-181-RC were procured through an agreement between the parties since this was prior to the period of competitive selection process. It was selected to provide for base load requirement of LEYECO II. Historically, the utilization of the PSA is 90-100%. Outages of the plant led to unserved energy of around 535.224 MWh in the past year. The actual billed overall monthly charge under the PSA ranged from 5.8639 P/kWh to 5.9041 P/kWh in the same period.

Case No.	Type	GenCo	Minimum MW	Maximum MW	Minimum MWh/yr	Maximum MWh/yr	PSA Start	PSA End
2023-135-RC	Base	FDC Misamis Power Corporation	14.00	20.00	85,848	175,200	8/12/2023	8/11/2024
2016-046-RC	Base	GN Power Dinginin	20.00	20.00	113,880	175,200	12/26/2020	7/17/2023

The PSA with GN Power Dinginin filed with ERC under Case No. 2016-046-RC was procured through Competitive Selection Process (CSP) where an unsolicited proposal was submitted by GNPD to the Region 8 ECs. SMEC tried to challenge the price offered by GNPD but failed to submit a lower bid, making GNPD the winning bidder in the said transaction. It was selected to provide for base requirements with flexibility in its usage. Historically, the utilization of the PSA is 80%. Despite outages, GNPD was able to provide power to the EC through a replacement power which was arranged with TLI as provided for in the PSA. The actual billed overall monthly charge under the PSA ranged from 8.3110 P/kWh to 12.8052 P/kWh in the same period. However, on July 18, 2023, LEYECO II received an Order from the ERC terminating the said PPSA for non-compliance of the DOE Circular issued in 2018.

Because of this recent development, LEYECO II had to find ways to look for available power supply at the same time taking into consideration the rates that would be passed on to its member-consumer-owners. Even with the very short period of time allotted for the ECs to enter into an Emergency Power Supply Agreement, LEYECO II was still able to send requests for proposal to some Power Generation Companies to solicit their offers for available capacity. After careful evaluation of the offers submitted, LEYECO II found that the offer given by FDC Misamis Power Corporation was the most favourable. The EPSA was just recently pre-filed with the ERC and is awaiting confirmation for actual filing of the same. The execution of the EPSA was made on August 11, 2023, and the drawing of power commenced immediately on August 12, 2023. While the contract was advantageous compared to being exposed in the market, there were times when the generation rate with FDC MPC sky-rocketed due to the very high line rental charges.

	R8 JCPSP Baseload	R8 JCPSP RPS	L2 PSCSP
Type	Base	Base	Base
Minimum MW	5.00	2.00	20.00
Minimum MWh/yr	30,660	17,520	113,880
PSA Start	12/26/2023	9/26/2023	8/12/2024
PSA End	12/25/2026	12/25/2031	8/25/2034
Publication	7/24/2023	9/4/2023	2/23/2024
Pre-bid	8/14/2023	9/25/2023	3/15/2024
Opening	10/13/2023	11/24/2023	5/14/2024
Awarding	11/12/2023	12/24/2023	6/13/2024
PSA Signing	12/12/2023	1/23/2024	7/13/2024
Joint Filing	12/21/2023	2/1/2024	7/22/2024



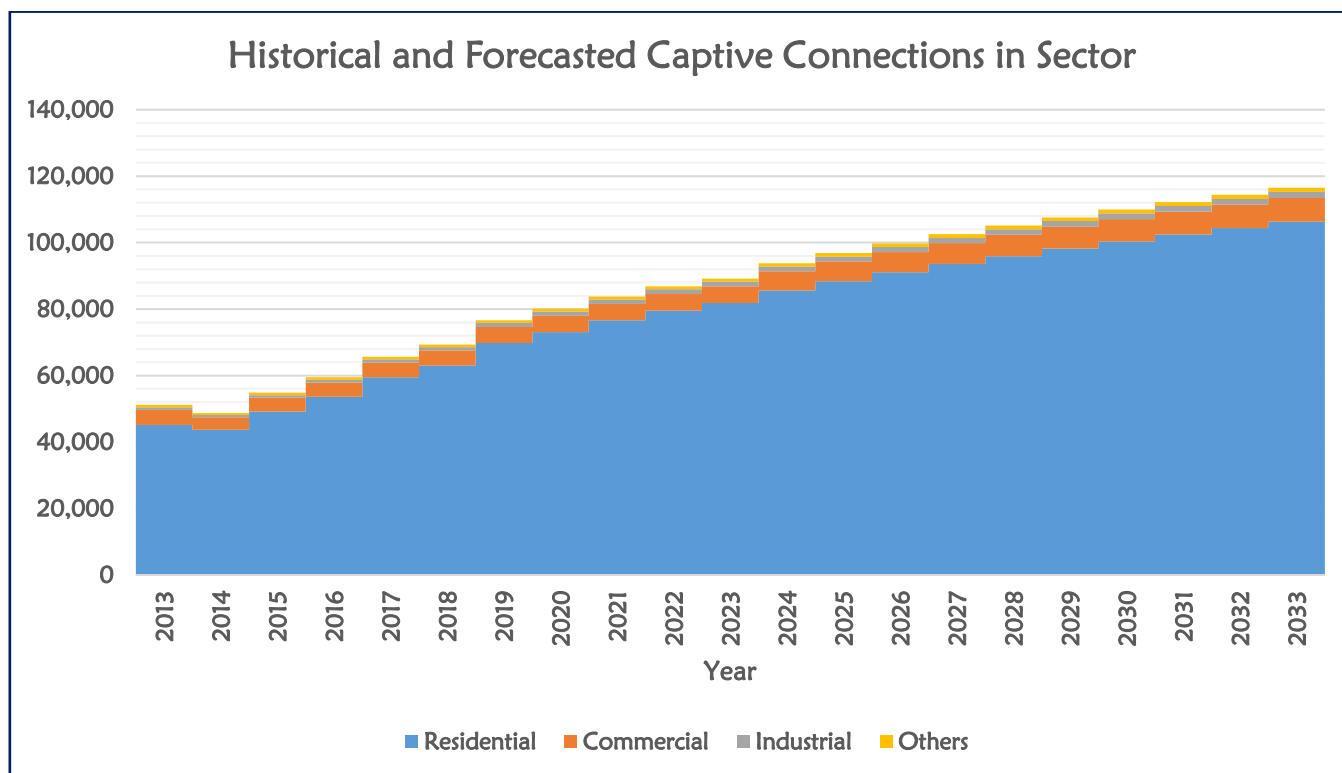
1. For the procurement of 5 MW of short-term baseload supply which is planned to be available on December 26, 2024, the first publication or launch of CSP was made on July 24, 2023. The Opening of Bids was made on August 31, 2023 where KSPC was found to have offered the lowest calculated bid. Presently, the R8 JCPSP TWG are conducting its Post-Qualification of the documents submitted to the TPBAC. Joint filing is planned on December 20, 2023, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

2. For the procurement of medium-term base load supply from renewable energy sources, 3MW, 2MW, 4MW, 5MW, 6MW, 7MW, 9MW, 10MW, 12MW, for contract years 2023-2031, which is planned to be available starting September 26, 2023, the first publication or launch of CSP was on July 31, 2023. However, a failure of bidding was declared during the opening of bids conducted on August 31, 2023, leading to the rebidding of the same RPS requirements. The publication for the second round of CSP will be on September 4, 2023. Joint filing is planned on February 1, 2024, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

3. In lieu of the terminated GNPD PPSA, LEYECO II deemed it necessary to proactively conduct a CSP of its power supply requirements. Considering LEYECO II has learned from experience that better electricity prices is obtained with the capacity utilization factor being allowed by the generation companies, it figured it would enhance its transaction design so as to be able to give more space for trading in the market. Since the terminated PSA is a baseload requirement, the maximum capacity utilization factor is only 65%. However, LEYECO II will include a minimum energy offtake of at least 50% for each interval to allow lesser purchase during off-peak hours.

For the procurement of long-term base load supply at 20MW for the years 2024-2034, the commencement date is the day immediately after the end of the EPSA with FDC Misamis Power Corporation. Publication is targeted to be on November 2023 while Joint filing is planned on April 2024, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

Captive Customer Connections



The number of residential connections is expected to grow at an average rate of 2.65% annually in the next 10 years. Said customer class is expected to account for 46% of the total consumption. While the Commercial connections is expected to account for 9.73% of the total consumption, the Industrial connections is forecasted to account for 39.2% of the total consumption. Lastly, connections falling under Public Building and Street Lights, classified as Other connections, is forecasted to account for 5% of the total consumption.

Significant discrepancies can be seen in the data for the number of customers in the 2019-2022 historical data based on the 2023 PSPP submission as compared to the present 2024 PSPP compliance. This is because it has been observed, during the updating of the present report that the data for the foregoing years are bloated. Upon careful evaluation, it was found that the data for the other customer types were added to the data for the Residential Customers, hence the overblown amount in the number of customers for the said years. As such, correction was made for this submission to reflect the true values on record.