

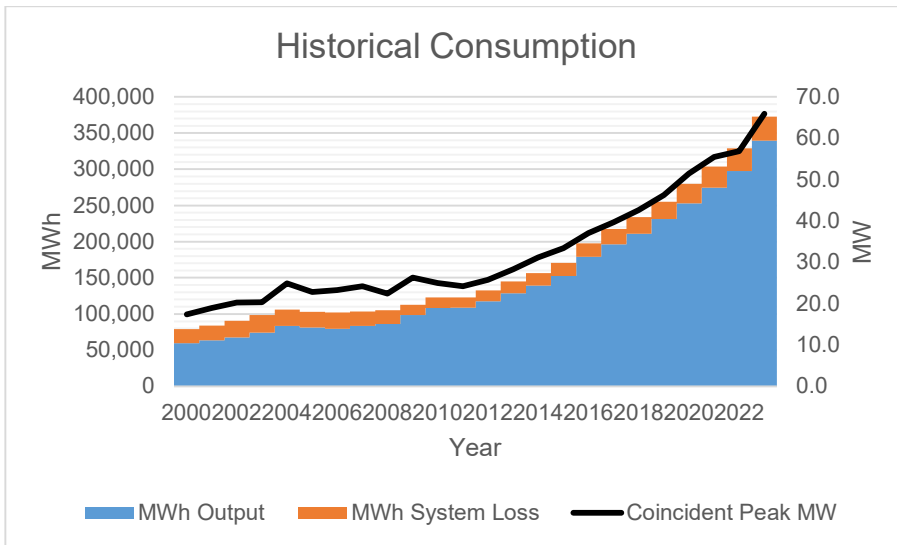
Power Supply Procurement Plan 2024

**Nueva Ecija II Electric Cooperative, Inc. – Area 1
(NEECO II – AREA 1)**

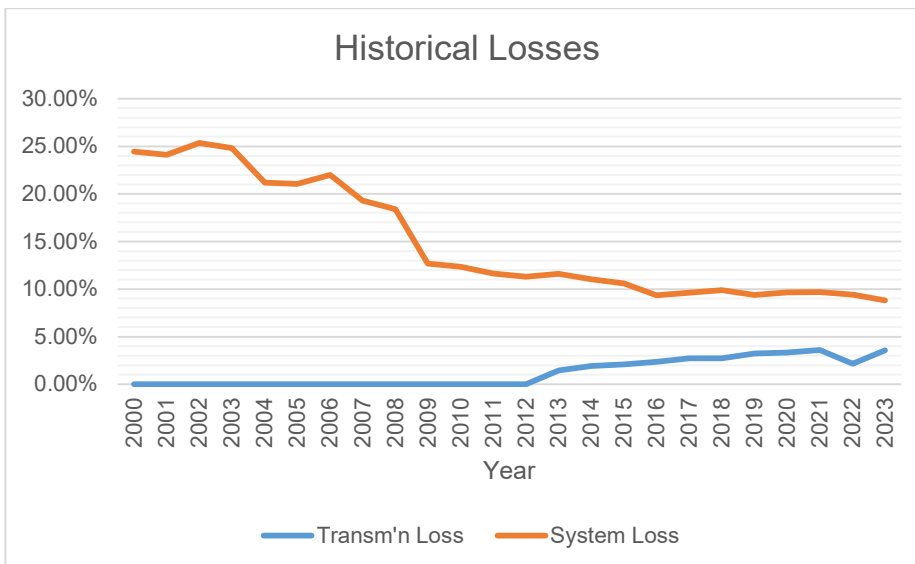
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	17.39	79,194	0	79,194	59,489	19,353	52%	-0.44%	0.00%	24.44%
2001	18.91	84,046	0	84,046	63,771	20,274	51%	0.00%	0.00%	24.12%
2002	20.25	90,522	0	90,522	67,574	22,948	51%	0.00%	0.00%	25.35%
2003	20.37	98,696	0	98,696	74,206	24,489	55%	0.00%	0.00%	24.81%
2004	24.89	105,875	0	105,875	83,459	22,416	49%	0.00%	0.00%	21.17%
2005	22.88	103,206	0	103,206	81,484	21,721	52%	0.00%	0.00%	21.05%
2006	23.32	101,910	0	101,910	79,483	22,427	50%	0.00%	0.00%	22.01%
2007	24.22	103,457	0	103,457	83,491	19,966	49%	0.00%	0.00%	19.30%
2008	22.38	105,278	0	105,278	85,917	19,361	54%	0.00%	0.00%	18.39%
2009	26.24	112,730	0	112,730	98,443	14,287	49%	0.00%	0.00%	12.67%
2010	24.95	123,155	0	123,155	107,979	15,176	56%	0.00%	0.00%	12.32%
2011	24.20	122,770	0	122,770	108,499	14,271	58%	0.00%	0.00%	11.62%
2012	25.76	132,634	0	132,634	117,616	15,018	59%	0.00%	0.00%	11.32%
2013	28.32	147,319	17,901	145,171	128,318	16,853	59%	0.00%	1.46%	11.61%
2014	31.22	159,465	7,905	156,392	139,149	17,243	57%	0.00%	1.93%	11.03%
2015	33.41	174,183	17,675	170,564	152,533	18,031	58%	0.00%	2.08%	10.57%
2016	37.04	202,348	40,023	197,530	179,077	18,453	61%	0.00%	2.38%	9.34%
2017	39.72	223,361	29,194	217,316	196,433	20,884	62%	0.00%	2.71%	9.61%
2018	42.63	240,481	24,444	233,966	210,833	23,133	63%	0.00%	2.71%	9.89%
2019	46.28	263,748	24,479	255,260	231,306	23,954	63%	0.00%	3.22%	9.38%
2020	51.42	289,437	37,907	279,868	252,884	26,985	62%	0.00%	3.31%	9.64%
2021	55.40	315,262	37,762	303,872	274,485	29,387	63%	0.00%	3.61%	9.67%
2022	56.86	335,907	31,078	328,726	297,722	31,004	66%	0.00%	2.14%	9.43%
2023	65.94	386,361	60,142	372,579	339,796	32,783	64%	0.00%	3.57%	8.80%

Peak Demand is increased from 56.86MW in 2022 to 65.94MW in 2023 at a growth rate of 15.98% and the Energy (MWh) Offtake increased from 335,907MWh in 2022 to 386,361MWh in 2023 at a growth rate of 15.02% due to the continuous operation of the old and application of new establishments with big loads, mostly industrial and commercial customers and the unprecedented application of new connection of residential customers. Within the same period, Load Factor ranged from 66% in 2022 to 64% in 2023.



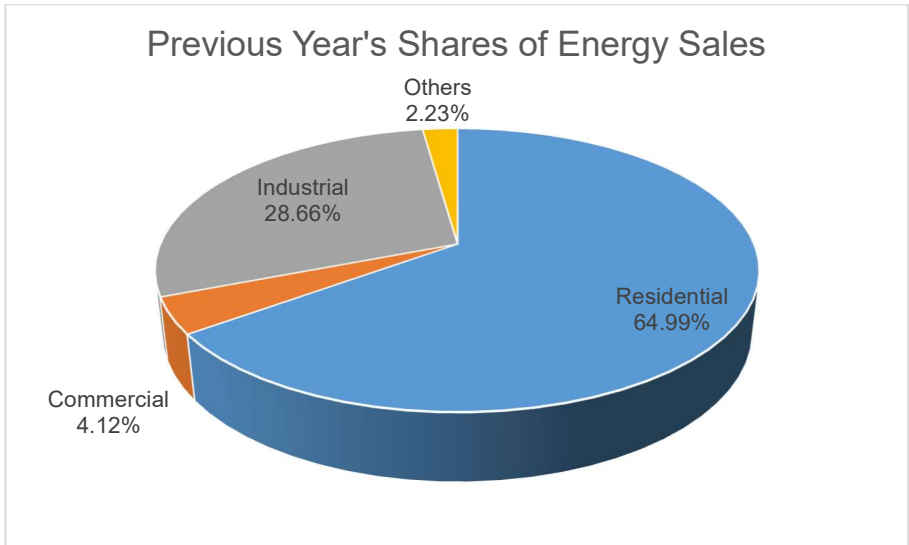
MWh Output increased of about 42,073 from year 2022 to 2023 at a rate of 14.13%, while MWh System Loss increased of about 1,780 with an impact of 5.74% within the same period.



Historically, Transmission Loss ranged from 1.93% to 3.57% from year 2014 to 2023, due to the continuous increase in energy purchased that transmit from the NGCP transmission line to the metering points of the substation that resulted to the increased of SSLA.

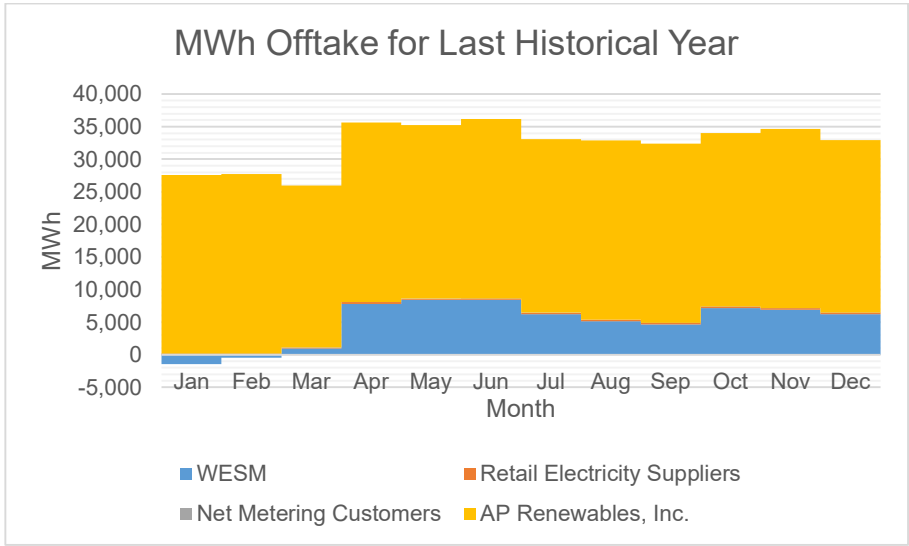
While the System Loss ranged from 11.03% to 8.80% from year 2014 to 2023 with an average decreased of 2.23%. The System Loss peaked at 11.03% on year 2014 was due to the inherent resistance of the equipment such as the old power lines, overloaded power substation and distribution transformers, internal losses of old and defective kwh meters and the service drop wires to include power reclosers and capacitors that causes technical losses in electric distribution facilities.

Further, contributions from the non-technical loss are primarily human error whether intentional or not, such as meter reading errors, not properly clearing of distribution lines, energy thefts and even billing/reading cycles which is not consistent monthly. The adjustment in the number of days due to weekends and holidays resulted in a negative non-technical loss.

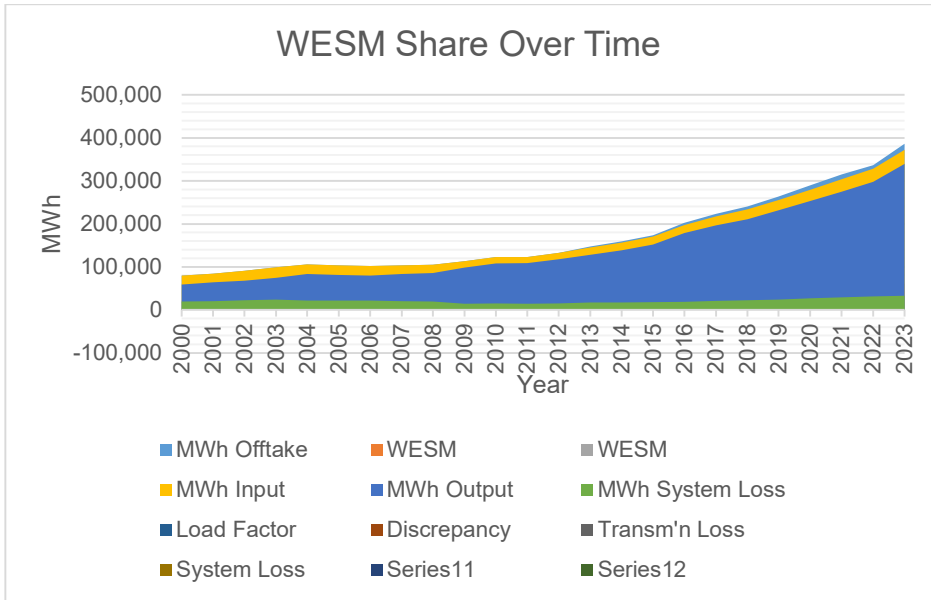


The Residential Customers contribute a 64.99% of the Total Energy Sales as shown above. Therefore, it can be concluded that majority of the customers are from residential electricity end users.

In contrast, other customers (public building, street light and special light) accounted for only 2.23% of energy sales due to the low number of applicant/connections.



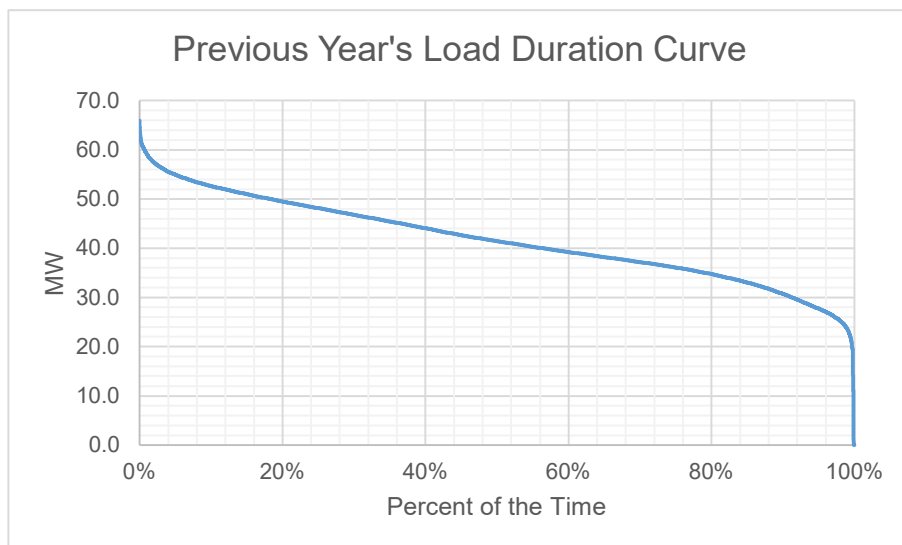
For the year 2023, the total MWh Offtake is 386,361 as compared to 335,907 for the year 2022 with an increase of 50,455 or 15.02%. The highest MWh Offtake was recorded in the month of June 2023 at 36,165MWh.



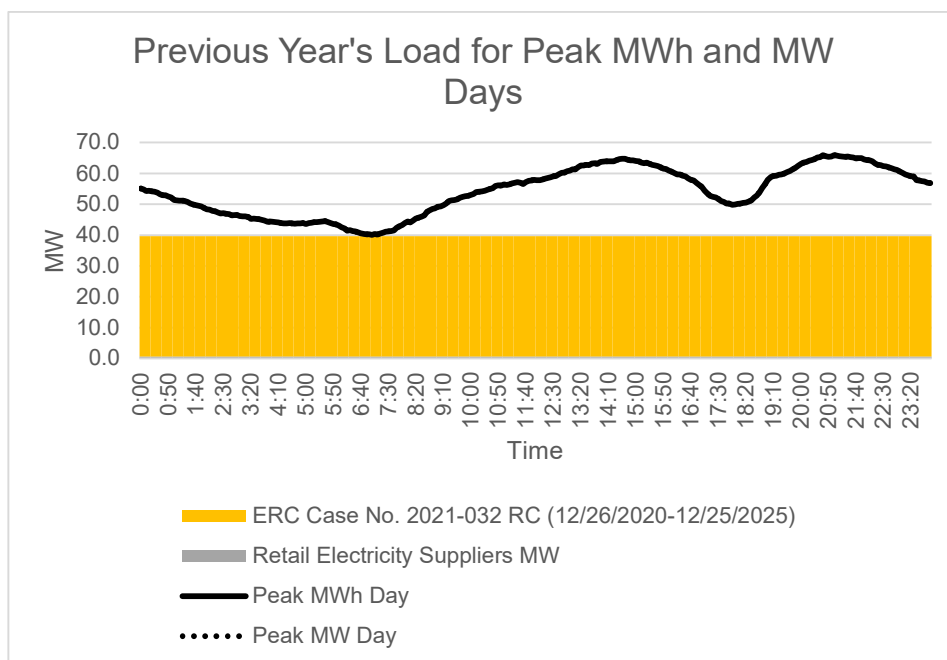
WESM MWh Offtake increased from 31,078MWh in 2022 to 60,142MWh in 2023 of 29,064MWh or at an increase of about 93.52% due to the increased of contracted capacity with APRI as stipulated in the PSA. The share of WESM in the total Offtake is 9.25% in the year 2022 to 15.57% in 2023.

The total contracted energy to APRI has a Minimum Energy Offtake (MEOT) of 98% - 100% as stipulated in the PSA. However, based on the total purchased this coop did not utilized the declared energy and the excess energy was resold to WESM (direct member since August 2009) which resulted to a negative net energy (MWh) for the month of January and February 2023.

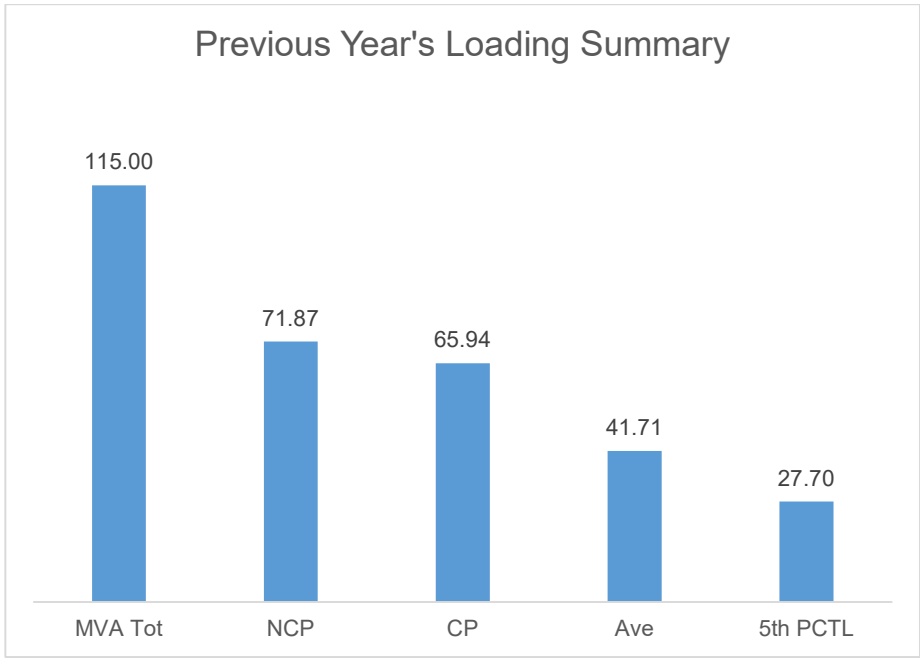
Previous Year's Load Profile



Based on the Load Duration Curve, NEECO II Area 1's Base load is 39MW. It is the minimum level of electricity demand required over a period of 24 hours needed to provide power to components that keep running at all times. The minimum load is 21.51 MW and the maximum load is 65.94 MW for the last historical year.



NEECO II-Area 1 Peak energy purchase occurred on the month of July. The daily peak demand and energy utilization of NEECO II - Area 1 often occur from 10:00AM to late afternoon. This was due to the continuous operation of commercial establishments and industrial businesses which are operating during daytime. The Night Time Peak of 65.94MW is recorded at around 9:00PM and the Daytime Peak of 64.77MW occurred at 2:35PM both on July 6, 2023, respectively considering that majority of our electricity end users are residential consumers which utilized more electricity in the evening.



The Non-coincident Peak Demand is 71.87MW, which is around 62.49% of the total substation capacity of 115MVA at a power factor of 98%. The load factor or the ratio between the Average Load of 41.71MW and the Non-coincident Peak Demand is 58.05%. A safe estimate of the true minimum load is the fifth percentile load of 27.70MW which is 38.55% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Talavera Substation	30	21.706
Muñoz Substation	10	8.877
Quezon Substation	10	7.910
Pantabangan	10	2.414
Guimba Substation	20	11.883
Aliaga Substation	10	6.933
Lupao Substation	20	9.680
Oliver Ricemill	5	2.463

All substations are within the 70% ideal loading except for Munoz SS, Quezon SS and Talavera SS with a loading percentage of 88.77%, 79.10% and 72.35%, respectively. This loading problem will be solved by Uprating/Relocation of 20MVA Power Transformer at Munoz SS. Additional of 20 MVA Power Transformer at Talavera SS and construction of new substation with 20MVA Power Transformer at Sto. Domingo. Some load of Guimba SS and Quezon will be transferred on the adjacent substations with ideal loading since our distribution lines are interconnected and ready for N-1 Scenario.

Forecasted Consumption Data

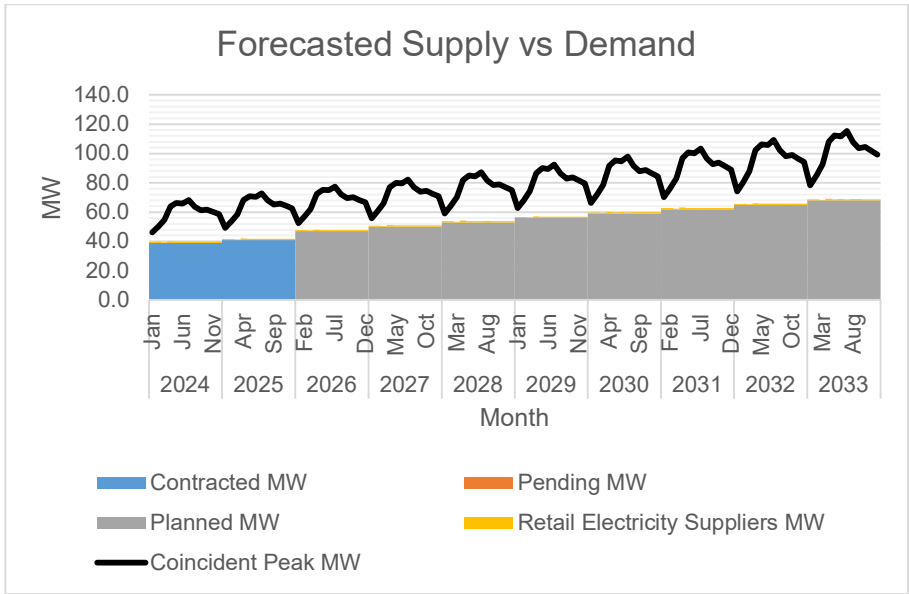
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2024	Jan	46.23	39.00	0.00	0.000	0.69	86%	86%	-6.54
	Feb	50.14	39.00	0.00	0.000	0.72	79%	79%	-10.42
	Mar	54.81	39.00	0.00	0.000	0.42	72%	72%	-15.39
	Apr	63.78	39.00	0.00	0.000	1.10	62%	62%	-23.68
	May	66.35	39.00	0.00	0.000	0.78	59%	59%	-26.57
	Jun	65.95	39.00	0.00	0.000	0.84	60%	60%	-26.12
	Jul	68.19	39.00	0.00	0.000	0.80	58%	58%	-28.39
	Aug	63.69	39.00	0.00	0.000	0.87	62%	62%	-23.83
	Sep	61.19	39.00	0.00	0.000	0.85	65%	65%	-21.34
	Oct	61.76	39.00	0.00	0.000	0.81	64%	64%	-21.95
	Nov	60.18	39.00	0.00	0.000	0.83	66%	66%	-20.35
	Dec	58.72	39.00	0.00	0.000	0.82	67%	67%	-18.90
2025	Jan	49.32	41.00	0.00	0.000	0.69	84%	84%	-7.63
	Feb	53.49	41.00	0.00	0.000	0.72	78%	78%	-11.77
	Mar	58.46	41.00	0.00	0.000	0.42	71%	71%	-17.05
	Apr	68.03	41.00	0.00	0.000	1.10	61%	61%	-25.94
	May	70.78	41.00	0.00	0.000	0.78	59%	59%	-29.00
	Jun	70.36	41.00	0.00	0.000	0.84	59%	59%	-28.52
	Jul	72.74	41.00	0.00	0.000	0.80	57%	57%	-30.94
	Aug	67.95	41.00	0.00	0.000	0.87	61%	61%	-26.08
	Sep	65.27	41.00	0.00	0.000	0.85	64%	64%	-23.42
	Oct	65.88	41.00	0.00	0.000	0.81	63%	63%	-24.07
	Nov	64.20	41.00	0.00	0.000	0.83	65%	65%	-22.37
	Dec	62.64	41.00	0.00	0.000	0.82	66%	66%	-20.82
2026	Jan	52.50	0.00	0.00	47.000	0.69	0%	91%	-4.81
	Feb	56.94	0.00	0.00	47.000	0.72	0%	84%	-9.22
	Mar	62.23	0.00	0.00	47.000	0.42	0%	76%	-14.82
	Apr	72.42	0.00	0.00	47.000	1.10	0%	66%	-24.32

	May	75.34	0.00	0.00	47.000	0.78	0%	63%	-27.56
	Jun	74.89	0.00	0.00	47.000	0.84	0%	63%	-27.05
	Jul	77.43	0.00	0.00	47.000	0.80	0%	61%	-29.63
	Aug	72.33	0.00	0.00	47.000	0.87	0%	66%	-24.46
	Sep	69.48	0.00	0.00	47.000	0.85	0%	68%	-21.63
	Oct	70.13	0.00	0.00	47.000	0.81	0%	68%	-22.32
	Nov	68.34	0.00	0.00	47.000	0.83	0%	70%	-20.51
	Dec	66.67	0.00	0.00	47.000	0.82	0%	71%	-18.85
2027	Jan	55.78	0.00	0.00	50.000	0.69	0%	91%	-5.09
	Feb	60.50	0.00	0.00	50.000	0.72	0%	84%	-9.78
	Mar	66.12	0.00	0.00	50.000	0.42	0%	76%	-15.71
	Apr	76.95	0.00	0.00	50.000	1.10	0%	66%	-25.85
	May	80.05	0.00	0.00	50.000	0.78	0%	63%	-29.27
	Jun	79.58	0.00	0.00	50.000	0.84	0%	64%	-28.74
	Jul	82.27	0.00	0.00	50.000	0.80	0%	61%	-31.47
	Aug	76.85	0.00	0.00	50.000	0.87	0%	66%	-25.98
	Sep	73.82	0.00	0.00	50.000	0.85	0%	69%	-22.97
	Oct	74.52	0.00	0.00	50.000	0.81	0%	68%	-23.70
	Nov	72.61	0.00	0.00	50.000	0.83	0%	70%	-21.78
	Dec	70.84	0.00	0.00	50.000	0.82	0%	71%	-20.02
2028	Jan	59.18	0.00	0.00	53.000	0.69	0%	91%	-5.49
	Feb	64.18	0.00	0.00	53.000	0.72	0%	84%	-10.46
	Mar	70.15	0.00	0.00	53.000	0.42	0%	76%	-16.74
	Apr	81.64	0.00	0.00	53.000	1.10	0%	66%	-27.54
	May	84.93	0.00	0.00	53.000	0.78	0%	63%	-31.15
	Jun	84.42	0.00	0.00	53.000	0.84	0%	63%	-30.58
	Jul	87.28	0.00	0.00	53.000	0.80	0%	61%	-33.48
	Aug	81.53	0.00	0.00	53.000	0.87	0%	66%	-27.66
	Sep	78.32	0.00	0.00	53.000	0.85	0%	68%	-24.47
	Oct	79.06	0.00	0.00	53.000	0.81	0%	68%	-25.24
	Nov	77.03	0.00	0.00	53.000	0.83	0%	70%	-23.20
	Dec	75.16	0.00	0.00	53.000	0.82	0%	71%	-21.34
2029	Jan	62.70	0.00	0.00	56.000	0.69	0%	90%	-6.01

	Feb	68.00	0.00	0.00	56.000	0.72	0%	83%	-11.28
	Mar	74.33	0.00	0.00	56.000	0.42	0%	76%	-17.91
	Apr	86.49	0.00	0.00	56.000	1.10	0%	66%	-29.40
	May	89.98	0.00	0.00	56.000	0.78	0%	63%	-33.20
	Jun	89.45	0.00	0.00	56.000	0.84	0%	63%	-32.61
	Jul	92.48	0.00	0.00	56.000	0.80	0%	61%	-35.68
	Aug	86.38	0.00	0.00	56.000	0.87	0%	65%	-29.52
	Sep	82.98	0.00	0.00	56.000	0.85	0%	68%	-26.13
	Oct	83.76	0.00	0.00	56.000	0.81	0%	68%	-26.95
	Nov	81.62	0.00	0.00	56.000	0.83	0%	69%	-24.79
	Dec	79.63	0.00	0.00	56.000	0.82	0%	71%	-22.81
2030	Jan	66.36	0.00	0.00	59.000	0.69	0%	90%	-6.67
	Feb	71.97	0.00	0.00	59.000	0.72	0%	83%	-12.25
	Mar	78.66	0.00	0.00	59.000	0.42	0%	75%	-19.25
	Apr	91.54	0.00	0.00	59.000	1.10	0%	65%	-31.44
	May	95.23	0.00	0.00	59.000	0.78	0%	62%	-35.45
	Jun	94.67	0.00	0.00	59.000	0.84	0%	63%	-34.83
	Jul	97.87	0.00	0.00	59.000	0.80	0%	61%	-38.07
	Aug	91.42	0.00	0.00	59.000	0.87	0%	65%	-31.55
	Sep	87.82	0.00	0.00	59.000	0.85	0%	68%	-27.97
	Oct	88.65	0.00	0.00	59.000	0.81	0%	67%	-28.83
	Nov	86.38	0.00	0.00	59.000	0.83	0%	69%	-26.55
	Dec	84.28	0.00	0.00	59.000	0.82	0%	71%	-24.46
2031	Jan	70.16	0.00	0.00	62.000	0.69	0%	89%	-7.47
	Feb	76.09	0.00	0.00	62.000	0.72	0%	82%	-13.37
	Mar	83.17	0.00	0.00	62.000	0.42	0%	75%	-20.75
	Apr	96.78	0.00	0.00	62.000	1.10	0%	65%	-33.69
	May	100.69	0.00	0.00	62.000	0.78	0%	62%	-37.91
	Jun	100.09	0.00	0.00	62.000	0.84	0%	62%	-37.25
	Jul	103.48	0.00	0.00	62.000	0.80	0%	60%	-40.68
	Aug	96.66	0.00	0.00	62.000	0.87	0%	65%	-33.79
	Sep	92.85	0.00	0.00	62.000	0.85	0%	67%	-30.00
	Oct	93.73	0.00	0.00	62.000	0.81	0%	67%	-30.91

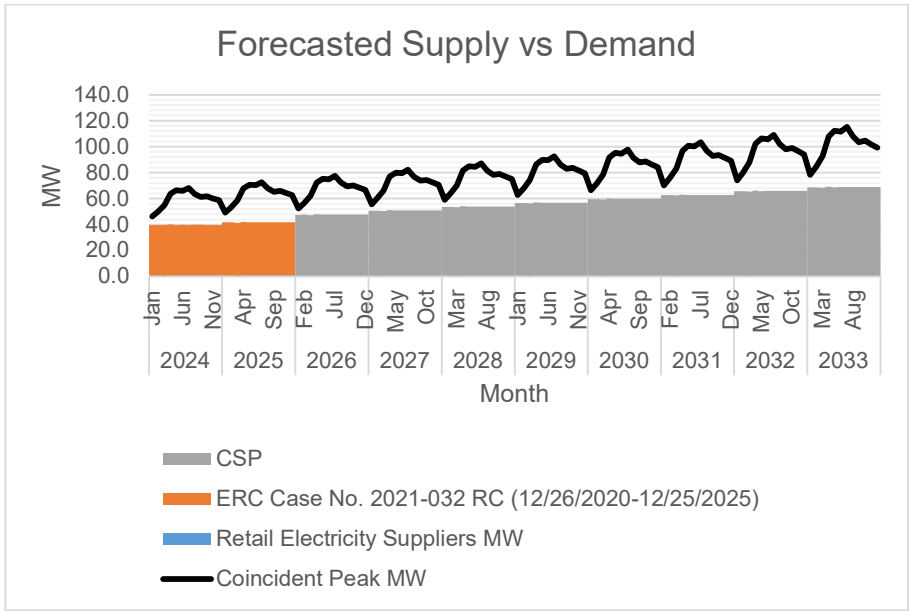
	Nov	91.33	0.00	0.00	62.000	0.83	0%	69%	-28.50
	Dec	89.11	0.00	0.00	62.000	0.82	0%	70%	-26.29
2032	Jan	74.12	0.00	0.00	65.000	0.69	0%	89%	-8.43
	Feb	80.38	0.00	0.00	65.000	0.72	0%	82%	-14.66
	Mar	87.86	0.00	0.00	65.000	0.42	0%	74%	-22.45
	Apr	102.24	0.00	0.00	65.000	1.10	0%	64%	-36.15
	May	106.37	0.00	0.00	65.000	0.78	0%	62%	-40.59
	Jun	105.74	0.00	0.00	65.000	0.84	0%	62%	-39.90
	Jul	109.32	0.00	0.00	65.000	0.80	0%	60%	-43.51
	Aug	102.11	0.00	0.00	65.000	0.87	0%	64%	-36.24
	Sep	98.09	0.00	0.00	65.000	0.85	0%	67%	-32.24
	Oct	99.01	0.00	0.00	65.000	0.81	0%	66%	-33.20
	Nov	96.48	0.00	0.00	65.000	0.83	0%	68%	-30.65
	Dec	94.13	0.00	0.00	65.000	0.82	0%	70%	-28.31
2033	Jan	78.24	0.00	0.00	68.000	0.69	0%	88%	-9.55
	Feb	84.86	0.00	0.00	68.000	0.72	0%	81%	-16.14
	Mar	92.75	0.00	0.00	68.000	0.42	0%	74%	-24.33
	Apr	107.93	0.00	0.00	68.000	1.10	0%	64%	-38.84
	May	112.29	0.00	0.00	68.000	0.78	0%	61%	-43.51
	Jun	111.62	0.00	0.00	68.000	0.84	0%	61%	-42.78
	Jul	115.40	0.00	0.00	68.000	0.80	0%	59%	-46.60
	Aug	107.79	0.00	0.00	68.000	0.87	0%	64%	-38.93
	Sep	103.55	0.00	0.00	68.000	0.85	0%	66%	-34.70
	Oct	104.52	0.00	0.00	68.000	0.81	0%	66%	-35.71
	Nov	101.85	0.00	0.00	68.000	0.83	0%	67%	-33.02
	Dec	99.37	0.00	0.00	68.000	0.82	0%	69%	-30.55

The Peak Demand was forecasted using Cubic ($Y=d(t)^3+b(t)+a$) and was assumed to occur on the month of July based on historical data due to the continuous operation of commercial establishments and industrial businesses. Monthly Peak Demand is at its lowest on the month of January due to cold weather condition. In general, Peak Demand is expected to grow at an average rate of 6.02% annually.

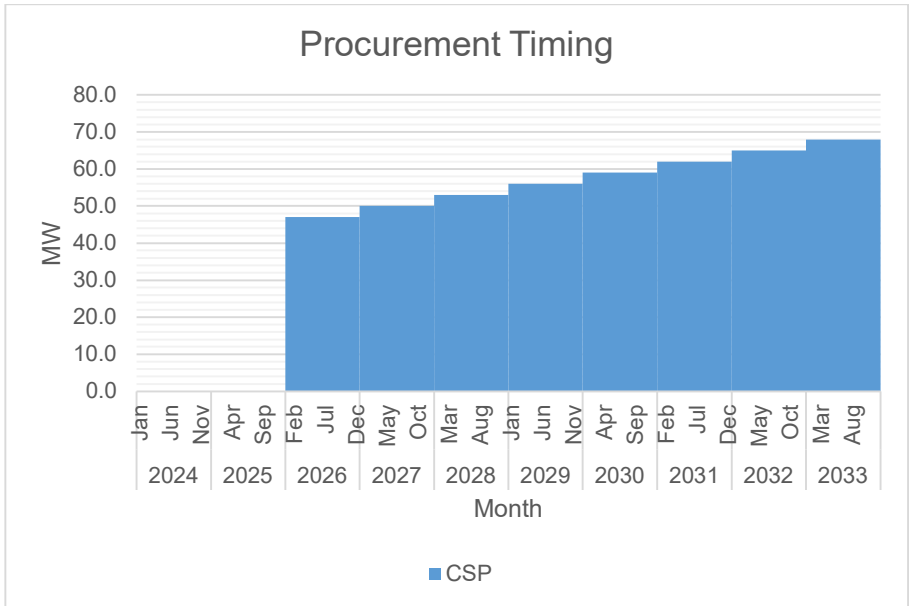


The contracted capacity is generally below the Peak Demand. This is because the deficit supply is purchased to WESM considering that NEECO II-Area 1 is a direct WESM Member since 2009.

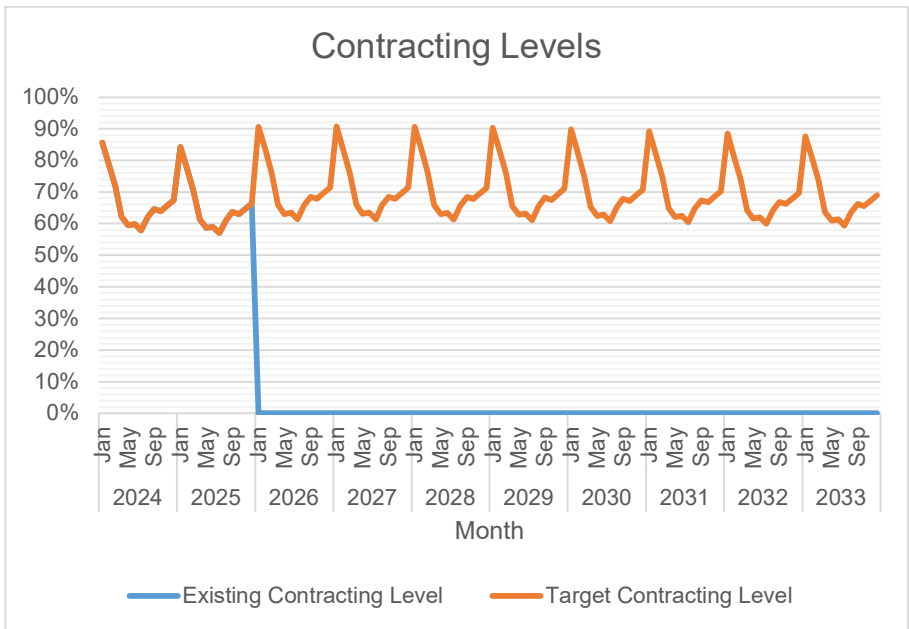
Of the contracted supply, the largest is 39MW for the year 2024 up to 41MW until year 2025.



Of the forecasted supply, the largest is 59MW for the year 2030. This coop is planning to conduct Competitive Selection Process for the Baseload and Intermediate Short-Term (2026-2030) Power Requirement on 2024 to cover the uncontracted energy requirement after the PSA that will be expired on December 25, 2025. The Peaking Demand requirement will be sourced to the Wholesale Electricity Spot Market (WESM) since this coop is a direct WESM member since 2009.



The first wave of supply procurement will be for 47MW planned to be available by the month of December 26, 2025. This will be followed by an incremental increase of 3MW in contracted demand per year up to 59MW in year 2030.



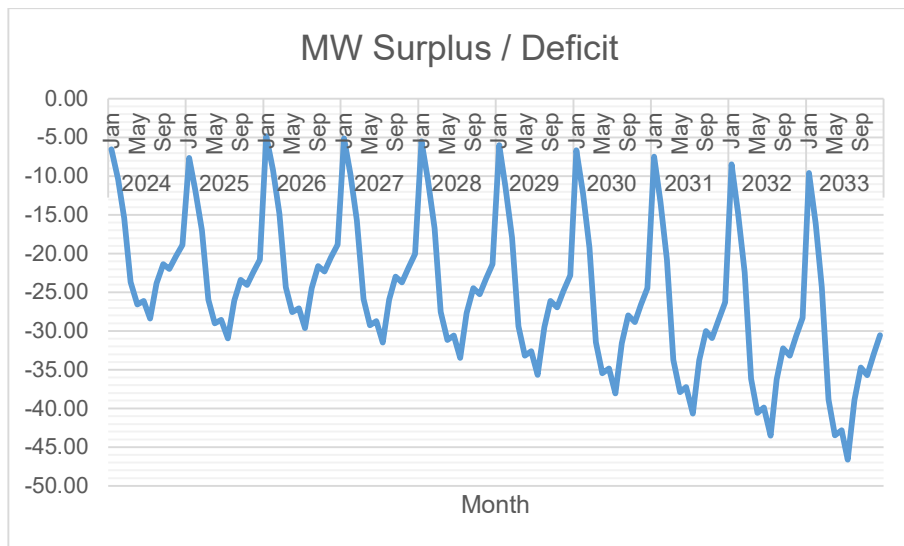
The highest target contracting level is 91% which is expected to occur on January 2026. The lowest target contracting level is 57% which is expected to occur on July 2025.

Currently, there is under-contracting on the power supply based on the graph, all deficit supply is purchased to WESM. However, the value indicated in the PSCP template for WESM supply, which accounts for nearly half of the contracted capacity, is primarily included to meet compliance requirements. Part of this demand will be met through the planned Competitive Selection Process (CSP) for Renewable Portfolio Standards (RPS) and from embedded generation.

The main goal of the submitted PSCP is to address the supply needs as the current contract ends. By planning to source from RPS and embedded generation, the cooperative aims to secure a stable and cost-effective power supply, reducing reliance on the more volatile WESM market.

The Competitive Selection Process (CSP) for the Renewable Portfolio Standards (RPS) is planned for inclusion in the 2026 Power Supply Procurement Plan (PSP) submission. This initiative aims to ensure compliance with RPS requirements, depending on the outcomes of the CSP scheduled for the 2026–2030 period.

Should the selected power supplier qualify as RPS-eligible based on the results of the 2026–2030 CSP, an additional CSP may be conducted to address any remaining energy supply requirements. This approach ensures that the overall demand is fully met while adhering to regulatory standards and operational objectives.



The highest deficit is 46.60MW which is expected to occur on July 2033. The lowest deficit is 4.81MW which is expected to occur on January 2026. Further, all deficit supply is purchased to WESM.

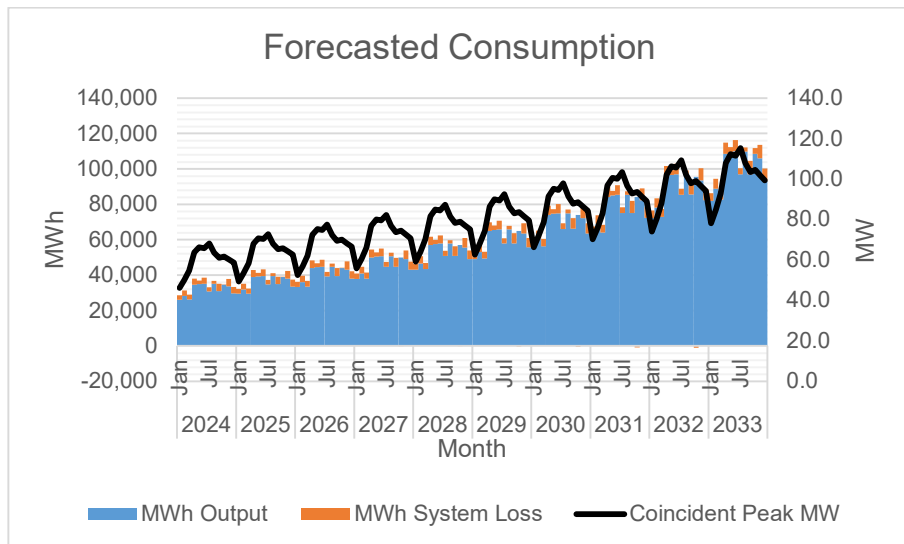
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2024	Jan	30,523	26,134	2,553	6.02%	8.90%
	Feb	31,701	28,302	3,060	1.07%	9.76%
	Mar	29,781	26,333	2,714	2.46%	9.34%
	Apr	39,463	34,611	3,598	3.18%	9.42%
	May	40,451	34,921	1,988	8.76%	5.39%
	Jun	39,287	35,073	3,504	1.81%	9.08%
	Jul	35,815	30,900	2,259	7.42%	6.81%
	Aug	38,233	35,050	1,690	3.91%	4.60%
	Sep	37,359	30,926	4,078	6.31%	11.65%
	Oct	35,719	34,574	184	2.69%	0.53%
	Nov	39,125	33,799	4,064	3.23%	10.73%
	Dec	34,530	29,757	3,709	3.08%	11.08%
2025	Jan	34,440	29,444	2,732	6.57%	8.49%
	Feb	35,655	31,888	3,283	1.36%	9.33%
	Mar	35,724	29,678	2,904	8.80%	8.91%
	Apr	43,463	38,988	3,860	1.41%	9.01%
	May	44,702	39,348	2,099	7.28%	5.06%
	Jun	44,030	39,518	3,754	1.72%	8.67%
	Jul	41,467	34,815	2,399	10.26%	6.45%
	Aug	42,380	39,491	1,779	2.62%	4.31%

	Sep	41,096	34,841	4,386	4.54%	11.18%
	Oct	41,358	38,956	133	5.49%	0.34%
	Nov	43,428	38,082	4,369	2.25%	10.29%
	Dec	39,677	33,525	3,985	5.46%	10.62%
2026	Jan	39,052	33,329	2,917	7.18%	8.05%
	Feb	40,160	36,095	3,517	1.36%	8.88%
	Mar	40,518	33,602	3,101	9.42%	8.45%
	Apr	49,275	44,126	4,135	2.06%	8.57%
	May	50,961	44,544	2,204	8.27%	4.71%
	Jun	50,130	44,735	4,013	2.76%	8.23%
	Jul	47,021	39,408	2,539	10.79%	6.05%
	Aug	47,853	44,703	1,862	2.69%	4.00%
	Sep	46,598	39,437	4,713	5.25%	10.68%
	Oct	46,897	44,099	59	5.84%	0.13%
	Nov	49,245	43,108	4,692	2.93%	9.82%
	Dec	44,989	37,946	4,276	6.15%	10.13%
2027	Jan	44,436	37,851	3,110	7.82%	7.59%
	Feb	45,421	40,994	3,763	1.46%	8.41%
	Mar	46,116	38,172	3,305	10.06%	7.97%
	Apr	56,062	50,107	4,424	2.73%	8.11%
	May	58,270	50,593	2,303	9.22%	4.35%
	Jun	58,752	50,808	4,284	6.23%	7.78%
	Jul	53,506	44,756	2,677	11.35%	5.64%
	Aug	52,743	50,771	1,938	0.06%	3.68%
	Sep	53,022	44,787	5,061	5.99%	10.15%
	Oct	53,364	50,087	-40	6.22%	-0.08%
	Nov	56,037	48,960	5,035	3.65%	9.32%
	Dec	51,191	43,095	4,583	6.86%	9.61%
2028	Jan	50,672	43,076	3,310	8.46%	7.14%
	Feb	52,056	46,654	4,023	2.65%	7.94%
	Mar	50,053	43,451	3,518	6.16%	7.49%
	Apr	65,192	57,017	4,729	5.29%	7.66%
	May	67,460	57,582	2,396	11.09%	4.00%
	Jun	68,270	57,824	4,568	8.61%	7.32%
	Jul	59,743	50,935	2,815	10.03%	5.24%
	Aug	60,141	57,781	2,007	0.59%	3.36%
	Sep	61,733	50,968	5,431	8.64%	9.63%
	Oct	59,581	57,004	-166	4.60%	-0.29%
	Nov	65,173	55,720	5,399	6.22%	8.83%
	Dec	57,101	49,042	4,909	5.52%	9.10%
2029	Jan	57,834	49,066	3,519	9.08%	6.69%
	Feb	58,509	53,143	4,297	1.83%	7.48%
	Mar	60,043	49,503	3,740	11.33%	7.02%
	Apr	72,947	64,940	5,051	4.05%	7.22%
	May	76,453	65,594	2,482	10.96%	3.65%
	Jun	76,471	65,869	4,865	7.50%	6.88%
	Jul	69,640	58,018	2,952	12.45%	4.84%
	Aug	68,641	65,819	2,068	1.10%	3.05%
	Sep	69,007	58,055	5,825	7.43%	9.12%
	Oct	69,455	64,934	-322	6.97%	-0.50%

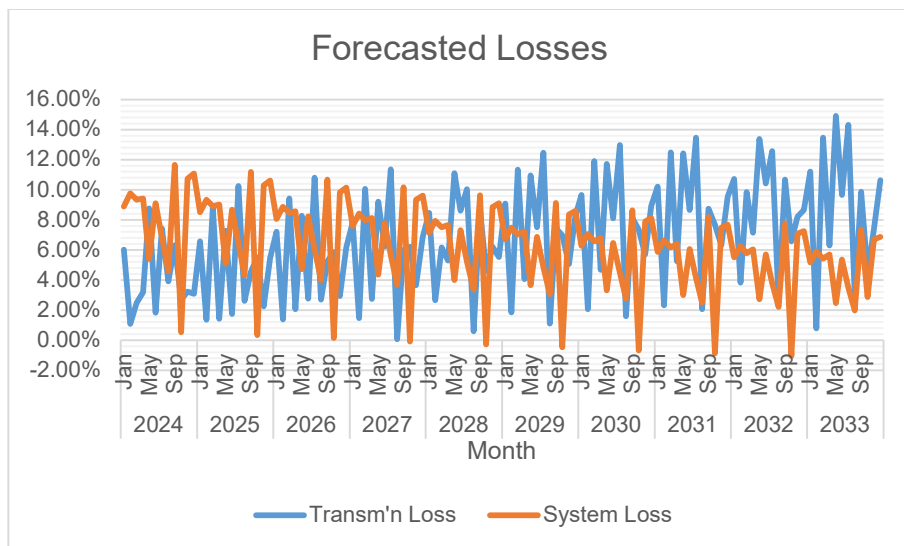
	Nov	72,935	63,470	5,786	5.04%	8.35%
	Dec	66,624	55,860	5,256	8.27%	8.60%
2030	Jan	66,002	55,886	3,738	9.66%	6.27%
	Feb	66,488	60,530	4,587	2.06%	7.04%
	Mar	68,533	56,394	3,972	11.92%	6.58%
	Apr	83,241	73,959	5,391	4.67%	6.79%
	May	87,538	74,717	2,560	11.72%	3.31%
	Jun	87,274	75,027	5,177	8.10%	6.46%
	Jul	79,476	66,083	3,088	12.97%	4.46%
	Aug	78,333	74,969	2,120	1.59%	2.75%
	Sep	78,751	66,123	6,246	8.10%	8.63%
	Oct	79,264	73,964	-510	7.33%	-0.69%
	Nov	83,237	72,295	6,199	5.70%	7.90%
	Dec	76,032	63,623	5,624	8.92%	8.12%
2031	Jan	75,252	63,600	3,966	10.21%	5.87%
	Feb	75,524	68,886	4,895	2.31%	6.63%
	Mar	78,148	64,187	4,214	12.47%	6.16%
	Apr	94,899	84,161	5,751	5.26%	6.40%
	May	100,092	85,034	2,630	12.42%	3.00%
	Jun	99,507	85,386	5,505	8.66%	6.06%
	Jul	90,616	75,204	3,223	13.45%	4.11%
	Aug	89,309	85,319	2,163	2.05%	2.47%
	Sep	89,787	75,248	6,696	8.73%	8.17%
	Oct	90,373	84,175	-734	7.67%	-0.88%
	Nov	94,904	82,275	6,640	6.31%	7.47%
	Dec	86,686	72,403	6,016	9.54%	7.67%
2032	Jan	85,661	72,270	4,206	10.72%	5.50%
	Feb	86,812	78,278	5,220	3.82%	6.25%
	Mar	85,849	72,948	4,468	9.82%	5.77%
	Apr	109,578	95,628	6,132	7.13%	6.03%
	May	114,659	96,631	2,692	13.38%	2.71%
	Jun	114,834	97,030	5,851	10.41%	5.69%
	Jul	101,591	85,458	3,357	12.58%	3.78%
	Aug	101,661	96,952	2,195	2.47%	2.21%
	Sep	103,765	85,505	7,177	10.68%	7.74%
	Oct	101,315	95,655	-995	6.57%	-1.05%
	Nov	109,592	93,494	7,110	8.20%	7.07%
	Dec	97,116	82,273	6,432	8.66%	7.25%
2033	Jan	97,307	81,962	4,456	11.19%	5.16%
	Feb	95,069	88,776	5,565	0.77%	5.90%
	Mar	101,075	82,740	4,734	13.46%	5.41%
	Apr	122,695	108,446	6,536	6.29%	5.68%
	May	132,025	109,595	2,744	14.91%	2.44%
	Jun	128,677	110,044	6,214	9.65%	5.35%
	Jul	117,176	96,918	3,490	14.31%	3.48%
	Aug	115,481	109,956	2,216	2.87%	1.98%
	Sep	116,100	96,970	7,691	9.85%	7.35%
	Oct	116,861	108,486	3,205	4.43%	2.87%
	Nov	122,721	106,034	7,611	7.40%	6.70%
	Dec	112,091	93,305	6,876	10.63%	6.86%

System Loss was calculated through a Load Flow Study conducted monthly by using JAED/Geographical Information System (GIS) software. Based on the same study, the Distribution System can adequately convey electricity to customers. Further, the forecasted negative non-technical loss was based on the allocated actual/historical data which serve as reference.

To address the projected system loss, several projects are planned to help reduce or stabilize it, including reconductoring undersized wires, meter clustering, replacing defective meters, and transformer load balancing, among others.



MWh Output was expected to grow at an average rate of 13.55% annually.



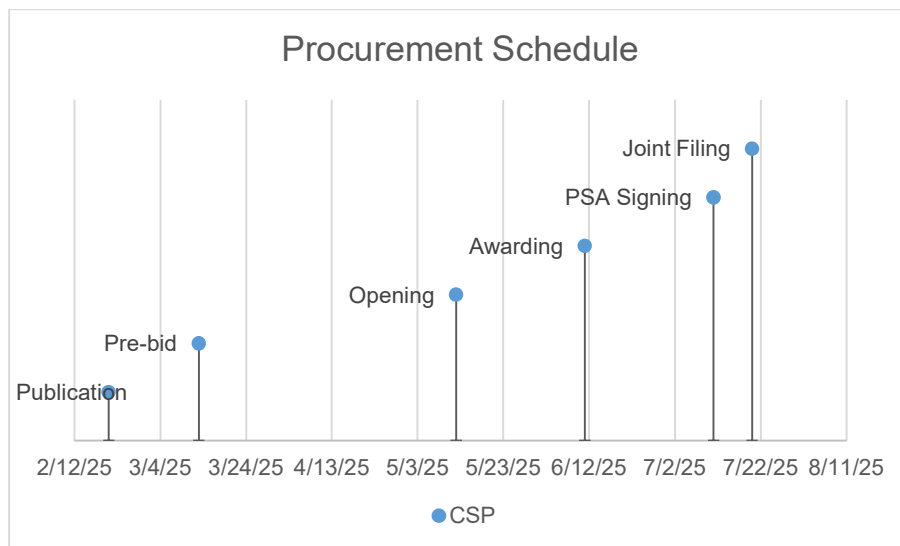
Transmission Loss is expected with an average of 4.16% while System Loss is expected with an average of 8.11% in year 2024.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
ERC Case No. 2021-032 RC (12/26/2020-12/25/2025)	Base	AP Renewables, Inc.	33.00	289,080	12/26/2020	12/25/2025

The PSA with APRI had granted an Order of Provisional Authority (PA) dated on July 14, 2021 and promulgated on December 31, 2021. The ERC adopted the total basic energy charge of Php3.6387/kWh, not subject to any indexation. The Prompt Payment Discount to be availed from APRI, if applicable, shall be shared equally by NEECO II-Area 1 and its member-consumers. The increase in contracted capacity and energy beyond the PSA is disallowed, any possible increase in the power requirements will be through another CSP in compliance with ERC, DOE and NEA memorandums and directives. The contracted capacity is 33MW up to 41MW or 365,190MWh for the 5years contract period.

	CSP
Type	Baseload
Minimum MW	42.30
Maximum MW	59.00
Minimum MWh/yr	370,548
Maximum Mwh/yr	516,840
PSA Start	12/26/2025
PSA End	12/25/2030
Publication	2/20/2025
Pre-bid	3/13/2025
Opening	5/12/2025
Awarding	6/11/2025
PSA Signing	7/11/2025
Joint Filing	7/20/2025



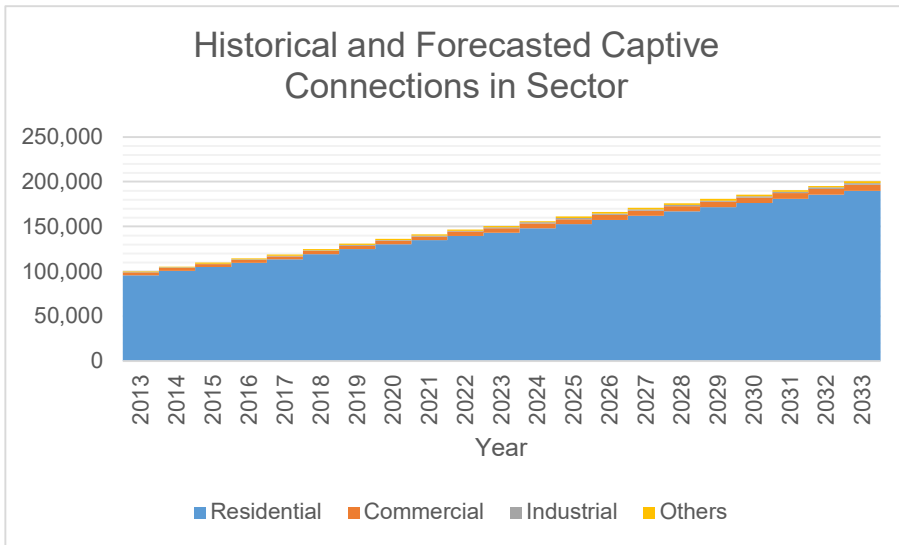
The CSP for procurement of 47MW power supply will cover the Baseload and Intermediate Energy Requirement of NEECO II-Area 1 which is planned to be available on December 26, 2025, the first publication or launch of CSP is on February 20, 2025. Joint filing of the application is plan to undertake on July 20, 2025 or 150 days later, in accordance with DOE Circular No. 2023-06-0021, ERC Resolution No. 16 Series of 2023 and NEA Memorandum No. 2023-057. The Contracted Capacity will be 47MW for the first (1) year and escalated of about three (3) Megawatts every year. The contract period for the planned CSP is from December 26, 2025 to December 25, 2030.

The table below shows the simulation of the five-year planned CSP

Term of Contract	12/26/2025-12/25/2026	12/26/2026-12/25/2027	12/26/2027-12/25/2028	12/26/2028-12/25/2029	12/26/2029-12/25/2030
Contracted Minimum Energy (MWh)/yr	370,548	394,200	417,852	441,504	465,156
Contracted Maximum Energy (MWh)/yr	411,720	438,000	465,552	490,560	516,840
Contracted Minimum Demand (MW)/yr	42.30	45	47.70	50.40	53.10
Contracted Maximum Demand (MW)/yr	47	50	53	56	59

Based on the Renewable Portfolio Standard (RPS) simulation, NEECO II-Area 1 has a REC shortfall starting on the year 2023 of about 5,102 MWh. For the meantime, NEECO II-Area 1 planned to purchase power from RE Market until such time that the embedded Solar Power Plant of about 5.5MWp along with the Net-metering Qualified End-users supplies the REC shortfall of this coop. The initial 5.5MWp embedded Solar will be escalated every year up to the allowable maximum capacity of 10MWp for Luzon Island approved by the DOE and ERC.

Captive Customer Connections



The number of residential connections is expected to grow at an average rate of 2.90% from year 2024 to 2033. Said customer class is expected to account for 94.88% of the total consumption.