

Power Supply Procurement Plan 2024-2033



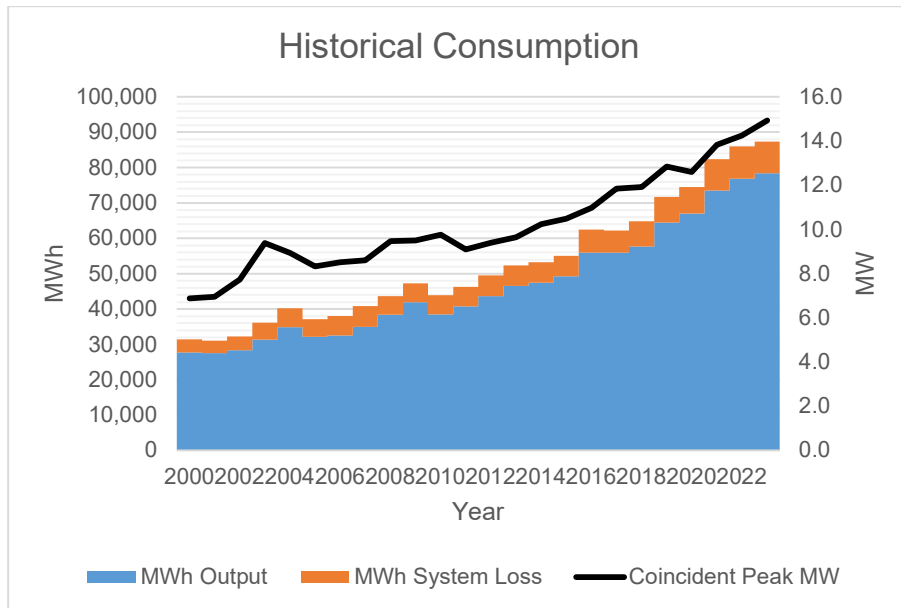
SURIGAO DEL SUR I ELECTRIC COOPERATIVE, INC.

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	6.88	31,424	0	31,424	27,727	3,697	52%	0.00%	0.00%	11.76%
2001	6.96	31,077	0	31,077	27,513	3,564	51%	0.00%	0.00%	11.47%
2002	7.74	32,247	0	32,247	28,368	3,879	48%	0.00%	0.00%	12.03%
2003	9.38	36,108	0	36,108	31,329	4,779	44%	0.00%	0.00%	13.24%
2004	8.94	40,173	0	40,173	34,915	5,258	51%	0.00%	0.00%	13.09%
2005	8.34	37,160	0	37,160	32,177	4,983	51%	0.00%	0.00%	13.41%
2006	8.52	38,023	0	38,023	32,516	5,507	51%	0.00%	0.00%	14.48%
2007	8.61	40,824	0	40,824	34,972	5,852	54%	0.00%	0.00%	14.33%
2008	9.48	43,690	0	43,690	38,406	5,284	53%	0.00%	0.00%	12.09%
2009	9.50	47,210	0	47,210	41,969	5,241	57%	0.00%	0.00%	11.10%
2010	9.77	43,954	0	43,954	38,468	5,486	51%	0.00%	0.00%	12.48%
2011	9.10	46,342	0	46,342	40,748	5,594	58%	0.00%	0.00%	12.07%
2012	9.39	49,439	0	49,511	43,655	5,856	60%	0.00%	-0.15%	11.83%
2013	9.65	52,783	0	52,384	46,538	5,846	62%	0.00%	0.76%	11.16%
2014	10.24	52,752	0	53,209	47,441	5,768	59%	0.00%	-0.87%	10.84%
2015	10.48	55,670	0	55,093	49,304	5,789	60%	0.00%	1.04%	10.51%
2016	10.97	61,636	0	62,446	55,950	6,496	65%	0.00%	-1.31%	10.40%
2017	11.84	57,668	0	62,181	55,963	6,217	60%	0.00%	-7.83%	10.00%
2018	11.91	67,005	0	67,799	57,722	7,147	65%	-4.32%	-1.19%	10.54%
2019	12.86	70,166	0	71,672	64,456	7,217	64%	0.00%	-2.15%	10.07%
2020	12.59	76,034	0	74,497	67,016	7,480	68%	0.00%	2.02%	10.04%
2021	13.84	83,873	0	82,411	73,553	8,858	68%	0.00%	1.74%	10.75%
2022	14.26	87,954	0	85,862	76,853	9,214	69%	0.24%	2.38%	10.73%
2023	15.05	87,462	7,960	87,179	78,422	8,988	67%	0.26%	0.32%	10.31%

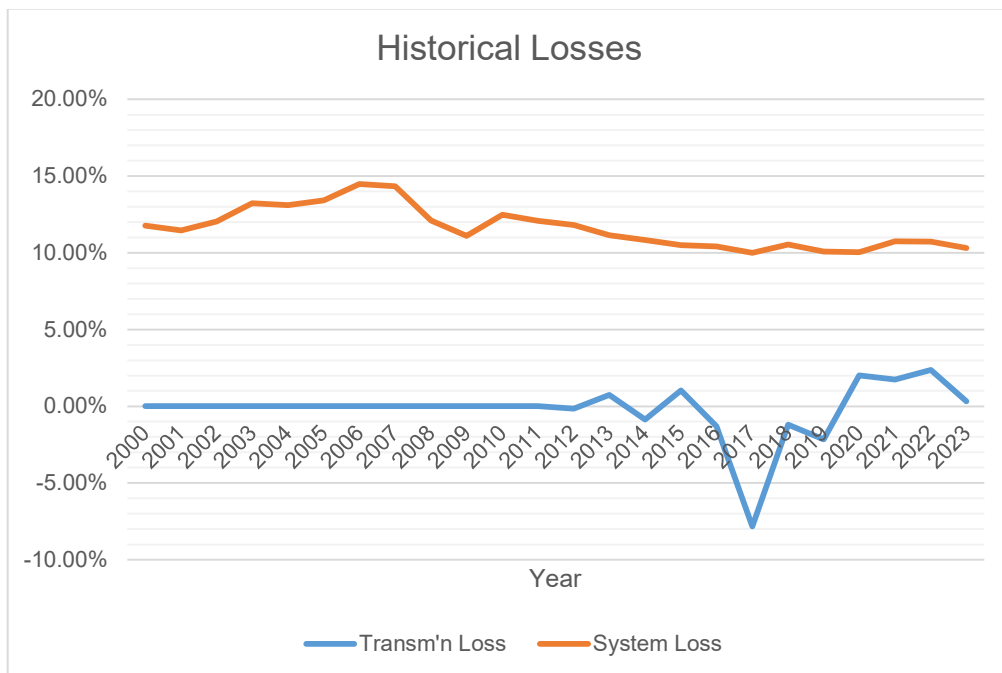
The Peak Demand surged from 6.88 MW in 2000 to 15.05 MW in 2023, marking an average growth rate of 3.64%. This increase is attributed to the rapid commercial and industrial development of the second district of Surigao del Sur. Additionally, SURSECO 1 is actively enhancing the implementation of the Sitio Electrification Program and the Nationwide Electrification of Household Electrification throughout its coverage area. Furthermore, there is a continuous influx of regular service connections.

The MWh Offtake rose from 31,424 MWh in 2000 to 87,462 MWh in 2023, registering a growth rate of 4.73% fueled by the escalating demand. Throughout this period, the Load Factor ranged from 52% to 67%. Notably, there was a significant shift in consumption in 2023, attributed to the uprating of existing industrial customers.



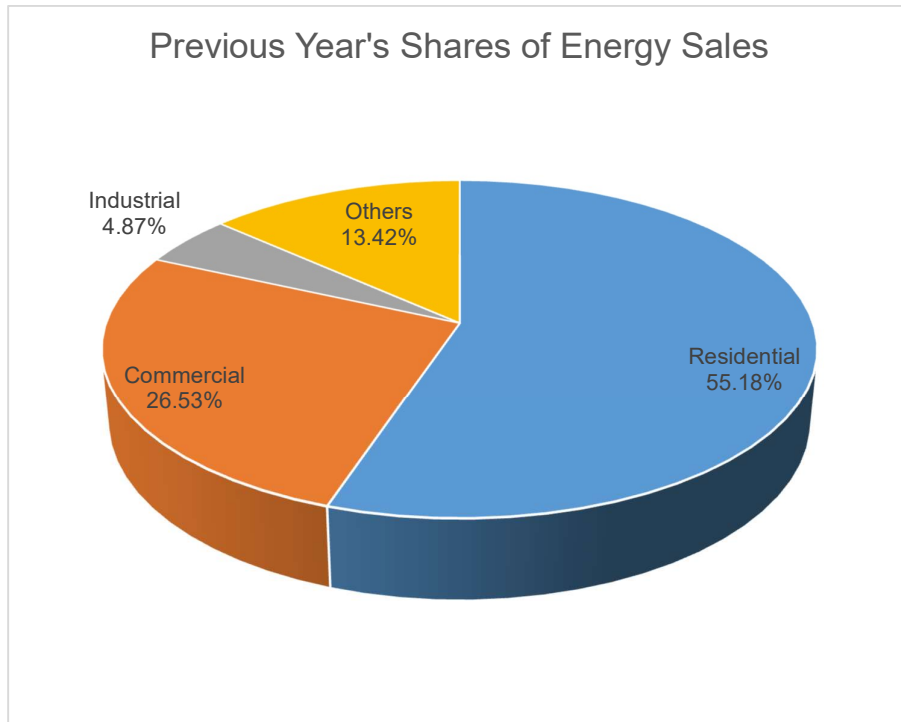
The MWh Output increased from the year 2000 to the year 2023 at a rate of 4.78%, while the MWh System Loss rose at a rate of 4.22% during the same period. This upward trend in Energy Sales and Purchase is expected to contribute to the escalation of the Coop's system loss. Nonetheless, SURSECO-I has proactively incorporated system loss reduction activities into its plans, such as the replacement of defective and inefficient kilowatt-hour meters and the installation of a 5MVA Tagasaka Substation in its CAPEX application for 2023-2026. These measures are intended to mitigate the potential increase in System Loss.

In addition to these efforts, the Coop continues its ongoing implementation of SL reduction activities, including connections, pilferage apprehension, ROW clearing, and other initiatives.

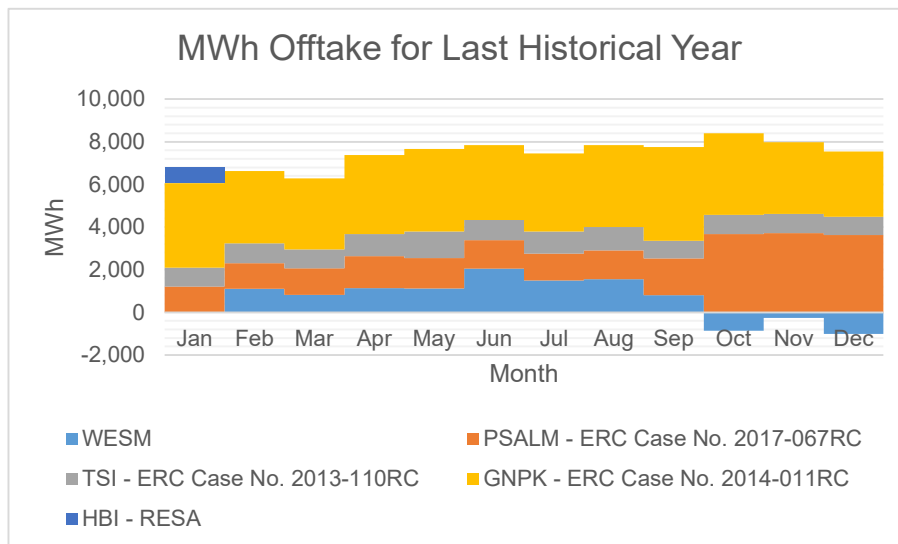


Historically, Transmission Loss ranged from 0% to 2.38% while System Loss ranged from 14.48% to 10.00%. Transmission Loss peaked at 5.28% on December 2016 due to force majeure. System

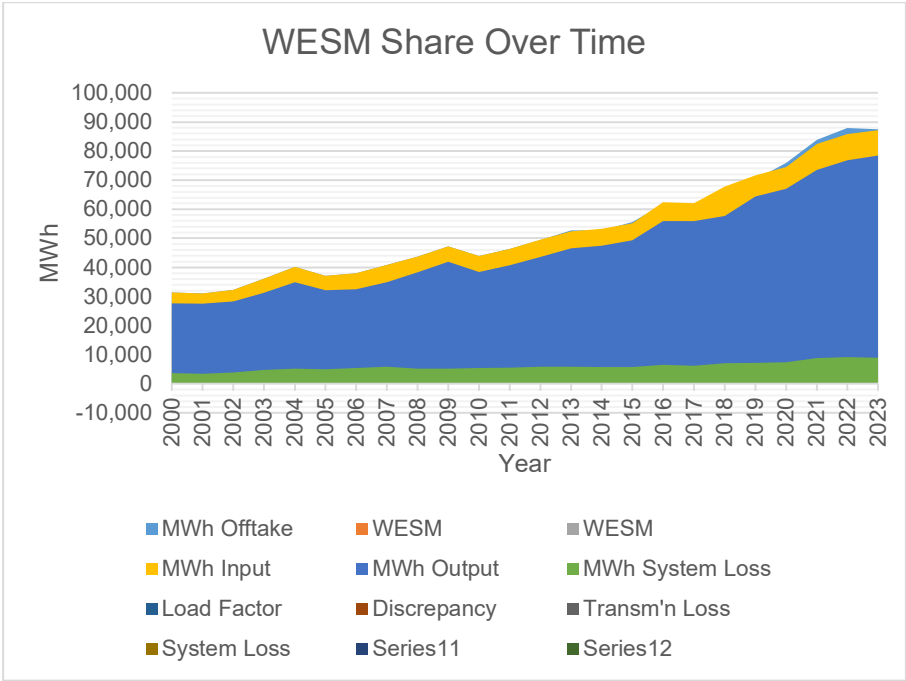
Loss peaked at 14.48% on year 2006 due to the transfer of load of 2 Municipality, namely Lianga and San Agustin to SURSECO II. Also, the discrepancy in the MWh (Input-Offtake) from February to June 2023 this is because WESM in Mindanao has just commercialized. Data discrepancies are inevitable since it has just newly operated.



With the Previous Year's shares of energy Sales, SURSECO – I's Residential customers account for the bulk of energy sales at 55.18% due to the high number of connections. In contrast, Industrial customers accounted for only 4.87% of energy sales due to the low number of connections.

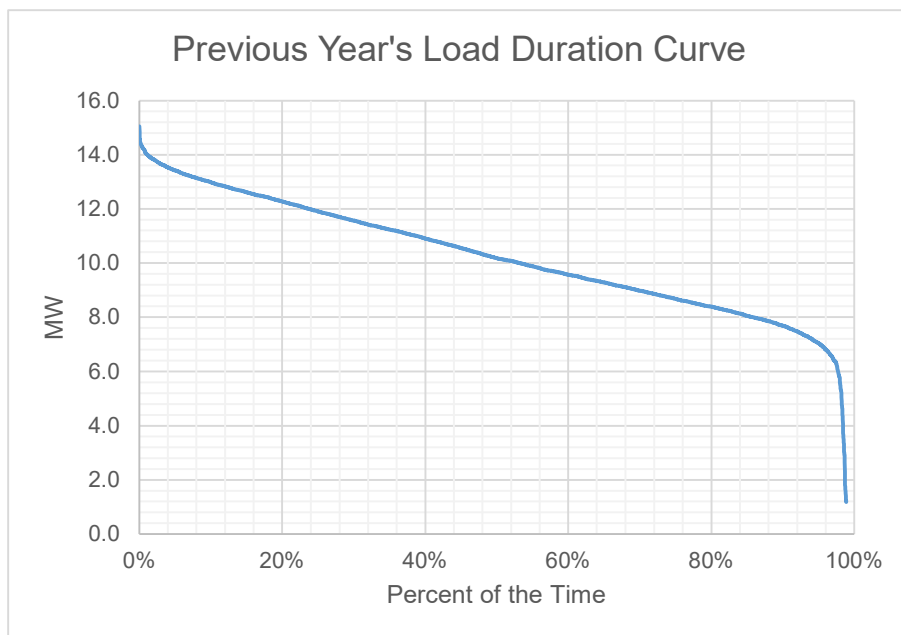


For 2023, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with GNPK accounts for the bulk of MWh Offtake.

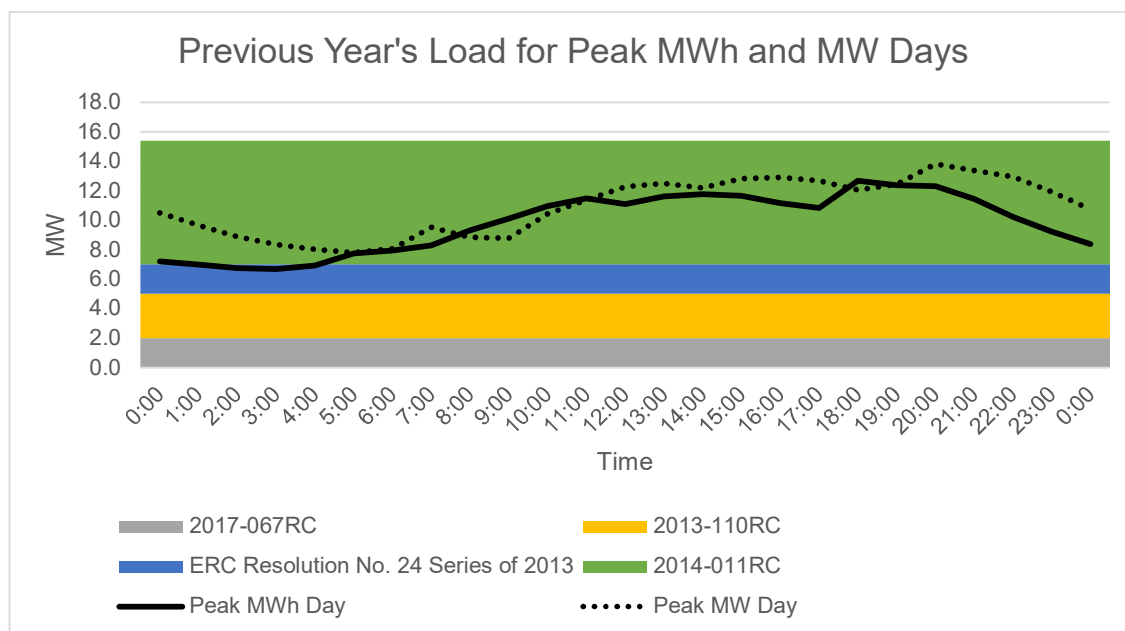


WESM Mindanao Commercial Operation was launched last January 26, 2023. The highest MWh offtake of SURSECO I from WESM is 2,049 MWh on June 2023 and lowest at 1,017 MWh on December 2023 and was also a sell in the spot market.

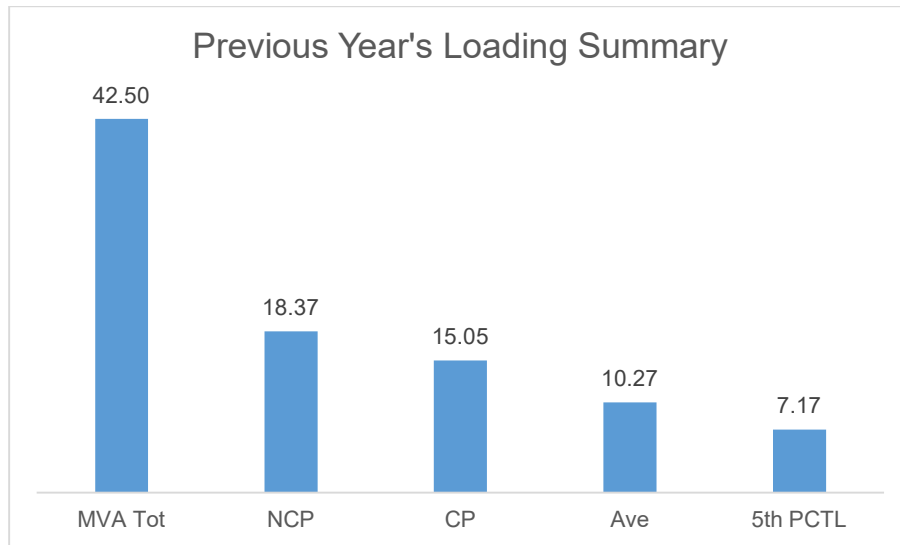
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 7.22 MW and the maximum load is 15.05 MW for the last historical year. The possible entry of indicative big load consumers is seen to contribute to the increase in the demand for power. Among these indicative loads are commercial buildings that are set to be built at the Tourism spots of Bislig City and Hinatuan. The entry of Imperial Plywood in Hinatuan, Oil Mill in Tagasaka and the expected Central Warehouse and Provincial Hospital in Barobo are also considered to boost system demand.



Peak MW occurred on December due to long holiday season in which Malls increased its demand due to midnight sales. Peak daily MWh occurred on 18:00 because most of the residential consumers used electricity at that time. As shown on the Load Curves, the available supply is higher than the Peak Demand.



The Non-coincident Peak Demand is 18.37 MW, which is around 43.22% of the total substation capacity of 42.50 MVA at a power factor of 98%. The load factor or the ratio between the Average Load of 10.27 MW and the Non-coincident Peak Demand is 55.90% of. A safe estimate of the true minimum load is the fifth percentile load of 7.22 MW which is 39.03% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
M1-San Fernando	12.5	5.368
M2-Barobo	5	3.871
M3-Tabon	12.5	6.661
M4 - New Barobo	12.5	2.468

SURSECO-I boasts a total capacity of 42.5 MVA, distributed across four substations: (M1) – San Fernando Substation [12.5 MVA], (M2) – Old Barobo Substation [5MVA], (M3) – Tabon Substation [12.5 MVA], and (M4) – New Barobo Substation (12.5 MVA). Notably, Substation M2 is currently loaded at above 70%. In response to safety concerns and with the completion of the New Barobo Substation (M4), SURSECO-I has devised plans to retire M2 by mid-2024. The load from M2 will be efficiently transferred to M4, ensuring a seamless transition and maintaining operational effectiveness.

Forecasted Consumption Data

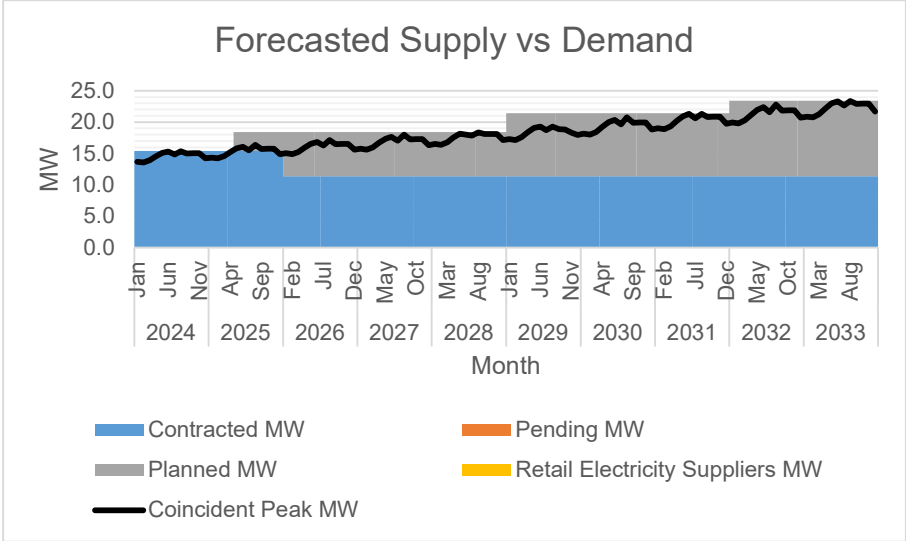
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2024	Jan	13.69	15.39	0.00	0.000		112%	112%	1.70
	Feb	13.58	15.39	0.00	0.000		113%	113%	1.81
	Mar	13.93	15.39	0.00	0.000		110%	110%	1.46
	Apr	14.53	15.39	0.00	0.000		106%	106%	0.86
	May	15.07	15.39	0.00	0.000		102%	102%	0.32
	Jun	15.34	15.39	0.00	0.000		100%	100%	0.05
	Jul	14.82	15.39	0.00	0.000		104%	104%	0.57
	Aug	15.38	15.39	0.00	0.000		100%	100%	0.01
	Sep	15.00	15.39	0.00	0.000		103%	103%	0.39
	Oct	15.03	15.39	0.00	0.000		102%	102%	0.36
	Nov	15.03	15.39	0.00	0.000		102%	102%	0.36
	Dec	14.21	15.39	0.00	0.000		108%	108%	1.18
2025	Jan	14.33	15.39	0.00	0.000		107%	107%	1.06
	Feb	14.22	15.39	0.00	0.000		108%	108%	1.17
	Mar	14.58	15.39	0.00	0.000		106%	106%	0.81
	Apr	15.21	15.39	0.00	0.000		101%	101%	0.18
	May	15.78	15.39	0.00	3.000		98%	117%	2.61
	Jun	16.07	15.39	0.00	3.000		96%	114%	2.32
	Jul	15.52	15.39	0.00	3.000		99%	118%	2.87
	Aug	16.38	15.39	0.00	3.000		94%	112%	2.01
	Sep	15.71	15.39	0.00	3.000		98%	117%	2.68
	Oct	15.74	15.39	0.00	3.000		98%	117%	2.65
	Nov	15.74	15.39	0.00	3.000		98%	117%	2.65
	Dec	14.88	15.39	0.00	3.000		103%	124%	3.51
2026	Jan	15.02	11.39	0.00	7.000		76%	122%	3.37
	Feb	14.90	11.39	0.00	7.000		76%	123%	3.49
	Mar	15.27	11.39	0.00	7.000		75%	120%	3.12
	Apr	15.94	11.39	0.00	7.000		71%	115%	2.45
	May	16.53	11.39	0.00	7.000		69%	111%	1.86

	Jun	16.83	11.39	0.00	7.000		68%	109%	1.56
	Jul	16.26	11.39	0.00	7.000		70%	113%	2.13
	Aug	17.16	11.39	0.00	7.000		66%	107%	1.23
	Sep	16.46	11.39	0.00	7.000		69%	112%	1.93
	Oct	16.49	11.39	0.00	7.000		69%	112%	1.90
	Nov	16.49	11.39	0.00	7.000		69%	112%	1.90
	Dec	15.59	11.39	0.00	7.000		73%	118%	2.80
2027	Jan	15.74	11.39	0.00	7.000		72%	117%	2.65
	Feb	15.61	11.39	0.00	7.000		73%	118%	2.78
	Mar	16.01	11.39	0.00	7.000		71%	115%	2.38
	Apr	16.71	11.39	0.00	7.000		68%	110%	1.68
	May	17.32	11.39	0.00	7.000		66%	106%	1.07
	Jun	17.64	11.39	0.00	7.000		65%	104%	0.75
	Jul	17.04	11.39	0.00	7.000		67%	108%	1.35
	Aug	17.98	11.39	0.00	7.000		63%	102%	0.41
	Sep	17.25	11.39	0.00	7.000		66%	107%	1.14
	Oct	17.28	11.39	0.00	7.000		66%	106%	1.11
	Nov	17.28	11.39	0.00	7.000		66%	106%	1.11
	Dec	16.34	11.39	0.00	7.000		70%	113%	2.05
2028	Jan	16.50	11.39	0.00	7.000		69%	111%	1.89
	Feb	16.37	11.39	0.00	7.000		70%	112%	2.02
	Mar	16.78	11.39	0.00	7.000		68%	110%	1.61
	Apr	17.51	11.39	0.00	7.000		65%	105%	0.88
	May	18.16	11.39	0.00	7.000		63%	101%	0.23
	Jun	17.98	11.39	0.00	7.000		63%	102%	0.41
	Jul	17.86	11.39	0.00	7.000		64%	103%	0.53
	Aug	18.35	11.39	0.00	7.000		62%	100%	0.04
	Sep	18.08	11.39	0.00	7.000		63%	102%	0.31
	Oct	18.11	11.39	0.00	7.000		63%	102%	0.28
	Nov	18.11	11.39	0.00	7.000		63%	102%	0.28
	Dec	17.13	11.39	0.00	7.000		66%	107%	1.26
2029	Jan	17.30	11.39	0.00	10.000		66%	124%	4.09
	Feb	17.16	11.39	0.00	10.000		66%	125%	4.23
	Mar	17.60	11.39	0.00	10.000		65%	122%	3.79
	Apr	18.36	11.39	0.00	10.000		62%	117%	3.03

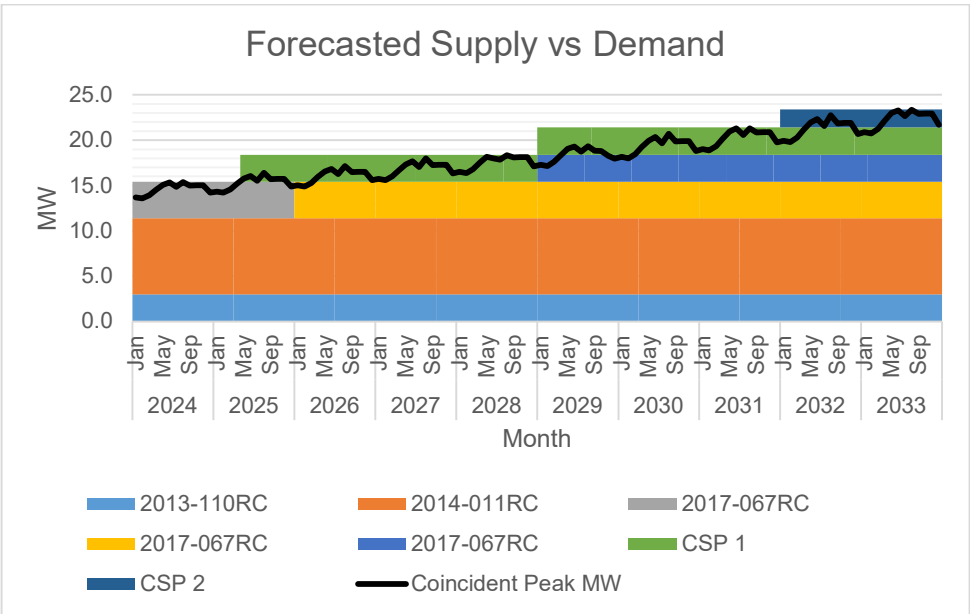
	May	19.04	11.39	0.00	10.000		60%	112%	2.35
	Jun	19.27	11.39	0.00	10.000		59%	111%	2.12
	Jul	18.73	11.39	0.00	10.000		61%	114%	2.66
	Aug	19.30	11.39	0.00	10.000		59%	111%	2.09
	Sep	18.85	11.39	0.00	10.000		60%	113%	2.54
	Oct	18.82	11.39	0.00	10.000		61%	114%	2.57
	Nov	18.30	11.39	0.00	10.000		62%	117%	3.09
	Dec	17.96	11.39	0.00	10.000		63%	119%	3.43
2030	Jan	18.14	11.39	0.00	10.000		63%	118%	3.25
	Feb	18.00	11.39	0.00	10.000		63%	119%	3.39
	Mar	18.45	11.39	0.00	10.000		62%	116%	2.94
	Apr	19.25	11.39	0.00	10.000		59%	111%	2.14
	May	19.96	11.39	0.00	10.000		57%	107%	1.43
	Jun	20.33	11.39	0.00	10.000		56%	105%	1.06
	Jul	19.64	11.39	0.00	10.000		58%	109%	1.75
	Aug	20.72	11.39	0.00	10.000		55%	103%	0.67
	Sep	19.88	11.39	0.00	10.000		57%	108%	1.51
	Oct	19.91	11.39	0.00	10.000		57%	107%	1.48
	Nov	19.91	11.39	0.00	10.000		57%	107%	1.48
	Dec	18.83	11.39	0.00	10.000		60%	114%	2.56
2031	Jan	19.02	11.39	0.00	10.000		60%	112%	2.37
	Feb	18.87	11.39	0.00	10.000		60%	113%	2.52
	Mar	19.34	11.39	0.00	10.000		59%	111%	2.05
	Apr	20.18	11.39	0.00	10.000		56%	106%	1.21
	May	20.93	11.39	0.00	10.000		54%	102%	0.46
	Jun	21.31	11.39	0.00	10.000		53%	100%	0.08
	Jul	20.59	11.39	0.00	10.000		55%	104%	0.80
	Aug	21.31	11.39	0.00	10.000		53%	100%	0.08
	Sep	20.84	11.39	0.00	10.000		55%	103%	0.55
	Oct	20.88	11.39	0.00	10.000		55%	102%	0.51
	Nov	20.88	11.39	0.00	10.000		55%	102%	0.51
	Dec	19.74	11.39	0.00	10.000		58%	108%	1.65
2032	Jan	19.93	11.39	0.00	12.000		57%	117%	3.46
	Feb	19.78	11.39	0.00	12.000		58%	118%	3.61
	Mar	20.28	11.39	0.00	12.000		56%	115%	3.11

	Apr	21.16	11.39	0.00	12.000		54%	111%	2.23
	May	21.94	11.39	0.00	12.000		52%	107%	1.45
	Jun	22.34	11.39	0.00	12.000		51%	105%	1.05
	Jul	21.58	11.39	0.00	12.000		53%	108%	1.81
	Aug	22.78	11.39	0.00	12.000		50%	103%	0.61
	Sep	21.84	11.39	0.00	12.000		52%	107%	1.55
	Oct	21.89	11.39	0.00	12.000		52%	107%	1.50
	Nov	21.89	11.39	0.00	12.000		52%	107%	1.50
	Dec	20.69	11.39	0.00	12.000		55%	113%	2.70
2033	Jan	20.89	11.39	0.00	12.000		55%	112%	2.50
	Feb	20.73	11.39	0.00	12.000		55%	113%	2.66
	Mar	21.25	11.39	0.00	12.000		54%	110%	2.14
	Apr	22.17	11.39	0.00	12.000		51%	106%	1.22
	May	22.99	11.39	0.00	12.000		50%	102%	0.40
	Jun	23.30	11.39	0.00	12.000		49%	100%	0.09
	Jul	22.62	11.39	0.00	12.000		50%	103%	0.77
	Aug	23.35	11.39	0.00	12.000		49%	100%	0.04
	Sep	22.89	11.39	0.00	12.000		50%	102%	0.50
	Oct	22.94	11.39	0.00	12.000		50%	102%	0.45
	Nov	22.94	11.39	0.00	12.000		50%	102%	0.45
	Dec	21.69	11.39	0.00	12.000		53%	108%	1.70

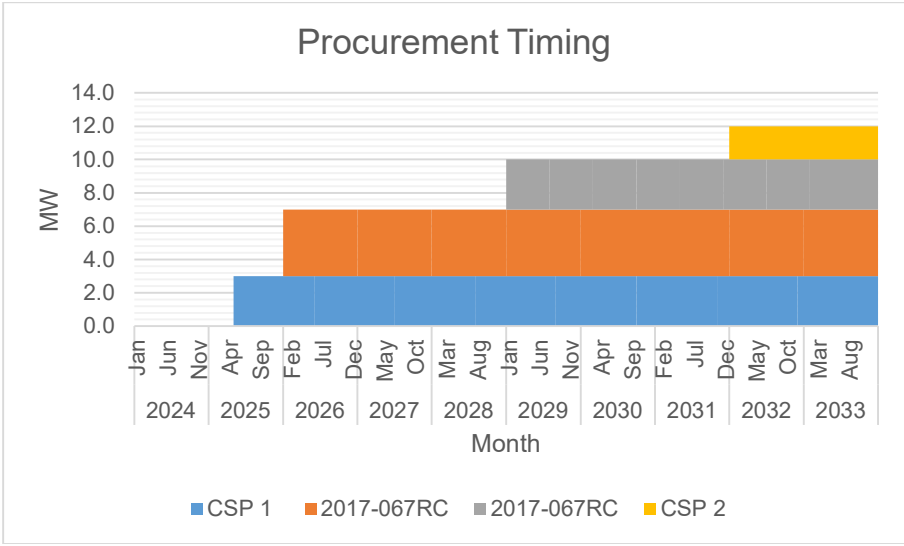
The Peak Demand was forecasted using Cubic with logarithmic and smoothing and was assumed to occur on the month of August. Monthly Peak Demand is at its lowest on the month of February. In general, Peak Demand is expected to grow at a rate of 4.59% annually.



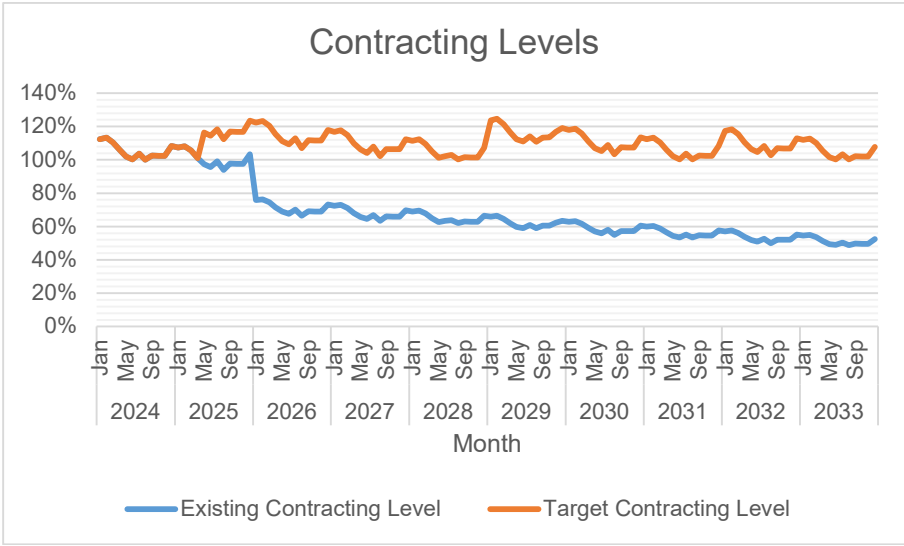
The available supply is generally above the Peak Demand. This is because SURSECO I ensure that there is always enough power supply to serve its MCOs. There is no problem of under contracting with the planned procurements. Also, SURSECO I is now preparing for the CSP 1 due to the forecasted increase in demand in 2024 which was reflected on the latest posted PSPP.



Of the available supply, the largest is 8.39 MW from GN Power Kauswagan. This is followed by 4 MW from Power Sector Assets and Liabilities Management Corporation (PSALM), then 3 MW from Therma South Inc.



The first wave of supply procurement will be for CSP 1 a 3 MW RE and is planned to be available by the month of May 2025. This will be followed by renewal of CSEE between PSALM which is 4 MW by January 2026 then followed by a request for increase in contracted capacity with PSALM by 3 MW in 2029 and CSP 2 which is 2 MW by January 2032.



Currently, there is over-contracting by 113%. The highest target contracting level is 125% which is expected to occur on February 2029. The lowest target contracting level is 94% which is expected to occur on June 2031.

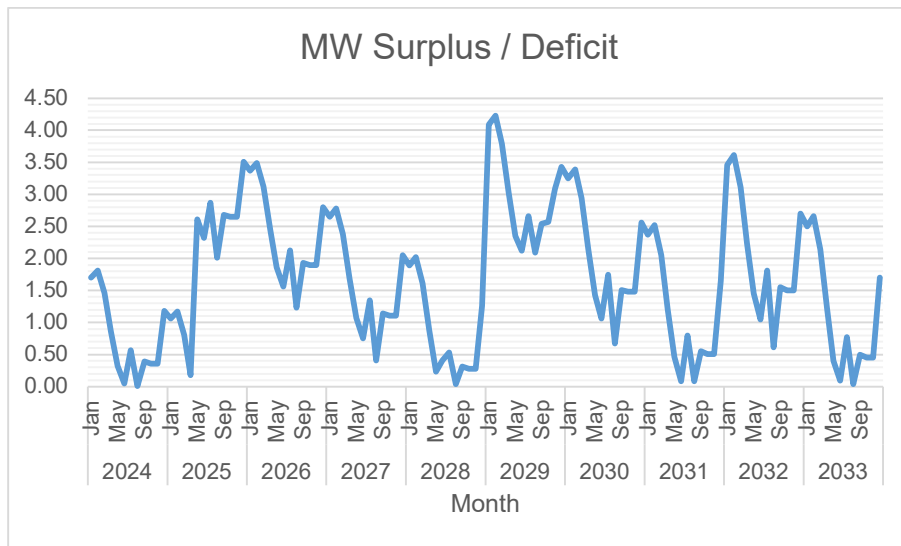
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2024	Jan	7,198	6,512	666	0.26%	9.28%
	Feb	7,284	6,639	629	0.22%	8.65%
	Mar	6,939	6,241	657	0.59%	9.53%
	Apr	8,025	7,211	774	0.49%	9.69%
	May	8,381	7,501	832	0.58%	9.99%
	Jun	8,516	7,569	935	0.14%	11.00%
	Jul	8,129	7,341	771	0.20%	9.50%
	Aug	8,501	7,583	893	0.29%	10.53%
	Sep	8,361	7,527	801	0.39%	9.61%
	Oct	8,087	7,403	662	0.28%	8.20%
	Nov	8,290	7,388	854	0.58%	10.36%
	Dec	6,914	6,356	545	0.20%	7.89%
2025	Jan	7,616	6,906	688	0.29%	9.06%
	Feb	7,737	7,059	649	0.38%	8.41%
	Mar	7,332	6,643	679	0.14%	9.27%
	Apr	8,454	7,647	799	0.10%	9.46%
	May	8,856	7,963	859	0.38%	9.74%
	Jun	9,022	8,030	968	0.27%	10.76%
	Jul	8,645	7,800	796	0.57%	9.26%
	Aug	8,982	8,041	923	0.20%	10.30%
	Sep	8,814	7,961	827	0.29%	9.41%
	Oct	8,530	7,814	683	0.39%	8.04%
	Nov	8,720	7,800	882	0.43%	10.16%
	Dec	7,323	6,713	560	0.68%	7.71%
2026	Jan	8,060	7,343	706	0.14%	8.77%
	Feb	8,200	7,525	665	0.13%	8.12%
	Mar	7,792	7,088	697	0.09%	8.95%
	Apr	8,985	8,132	820	0.37%	9.16%
	May	9,385	8,477	883	0.26%	9.43%
	Jun	9,593	8,542	997	0.56%	10.45%
	Jul	9,179	8,309	817	0.58%	8.95%
	Aug	9,543	8,554	946	0.45%	9.96%
	Sep	9,334	8,445	849	0.44%	9.13%
	Oct	9,019	8,280	701	0.42%	7.81%
	Nov	9,234	8,267	905	0.67%	9.87%
	Dec	7,740	7,120	575	0.58%	7.47%
2027	Jan	8,581	7,820	722	0.46%	8.45%
	Feb	8,755	8,028	679	0.54%	7.80%
	Mar	8,288	7,566	711	0.13%	8.59%
	Apr	9,516	8,660	838	0.19%	8.82%
	May	9,966	9,036	902	0.28%	9.08%
	Jun	10,157	9,100	1,019	0.37%	10.07%
	Jul	9,721	8,862	834	0.26%	8.60%
	Aug	10,133	9,112	966	0.54%	9.59%
	Sep	9,932	8,977	866	0.89%	8.79%
	Oct	9,560	8,792	715	0.54%	7.52%
	Nov	9,717	8,780	924	0.13%	9.52%
	Dec	8,170	7,569	586	0.18%	7.19%
2028	Jan	9,117	8,359	733	0.28%	8.06%
	Feb	9,314	8,591	689	0.36%	7.43%
	Mar	8,848	8,103	723	0.25%	8.19%
	Apr	10,128	9,254	851	0.23%	8.42%
	May	10,609	9,663	917	0.27%	8.67%

	Jun	10,803	9,729	1,036	0.36%	9.62%
	Jul	10,352	9,479	847	0.25%	8.20%
	Aug	10,778	9,739	981	0.54%	9.15%
	Sep	10,555	9,583	880	0.87%	8.41%
	Oct	10,159	9,379	726	0.53%	7.19%
	Nov	10,319	9,366	939	0.14%	9.11%
	Dec	8,685	8,079	595	0.13%	6.86%
2029	Jan	9,685	8,936	741	0.09%	7.66%
	Feb	9,924	9,193	697	0.35%	7.05%
	Mar	9,425	8,670	731	0.24%	7.78%
	Apr	10,808	9,891	861	0.52%	8.01%
	May	11,320	10,333	926	0.53%	8.23%
	Jun	11,495	10,399	1,046	0.43%	9.14%
	Jul	11,022	10,137	856	0.26%	7.79%
	Aug	11,442	10,409	992	0.35%	8.70%
	Sep	11,148	10,233	888	0.25%	7.98%
	Oct	10,802	10,011	734	0.52%	6.83%
	Nov	11,037	9,995	948	0.85%	8.67%
	Dec	9,277	8,628	601	0.51%	6.51%
2030	Jan	10,305	9,547	745	0.13%	7.23%
	Feb	10,538	9,825	700	0.12%	6.65%
	Mar	10,015	9,271	735	0.09%	7.35%
	Apr	11,467	10,563	865	0.34%	7.57%
	May	11,999	11,038	932	0.24%	7.79%
	Jun	12,224	11,109	1,053	0.51%	8.66%
	Jul	11,751	10,830	860	0.52%	7.36%
	Aug	12,167	11,120	997	0.41%	8.23%
	Sep	11,848	10,924	893	0.26%	7.56%
	Oct	11,461	10,683	739	0.34%	6.47%
	Nov	11,649	10,667	954	0.24%	8.21%
	Dec	9,867	9,213	604	0.51%	6.15%
2031	Jan	11,024	10,190	746	0.80%	6.82%
	Feb	11,245	10,489	700	0.49%	6.26%
	Mar	10,648	9,899	736	0.12%	6.92%
	Apr	12,151	11,270	866	0.12%	7.13%
	May	12,726	11,782	933	0.08%	7.34%
	Jun	12,954	11,856	1,054	0.34%	8.17%
	Jul	12,450	11,560	861	0.23%	6.93%
	Aug	12,929	11,867	998	0.49%	7.76%
	Sep	12,613	11,654	894	0.51%	7.13%
	Oct	12,184	11,396	739	0.40%	6.09%
	Nov	12,363	11,376	955	0.25%	7.75%
	Dec	10,471	9,831	605	0.33%	5.80%
2032	Jan	11,635	10,865	743	0.23%	6.40%
	Feb	11,939	11,183	699	0.49%	5.88%
	Mar	11,377	10,555	732	0.78%	6.49%
	Apr	12,935	12,011	862	0.47%	6.70%
	May	13,500	12,555	929	0.12%	6.89%
	Jun	13,702	12,636	1,050	0.11%	7.67%
	Jul	13,190	12,321	859	0.08%	6.51%
	Aug	13,686	12,648	994	0.32%	7.29%
	Sep	13,339	12,418	891	0.23%	6.69%
	Oct	12,942	12,144	735	0.48%	5.71%

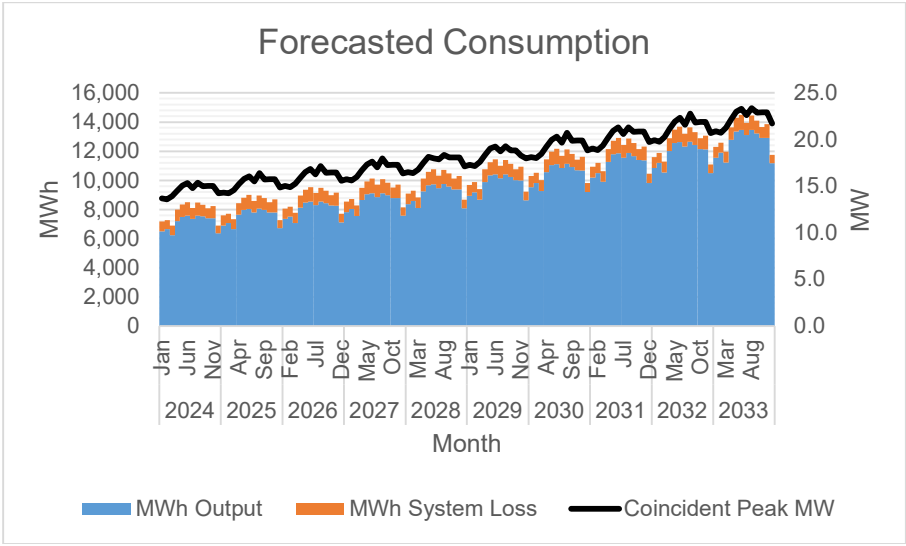
	Nov	13,138	12,121	951	0.50%	7.28%
	Dec	11,125	10,479	603	0.39%	5.44%
2033	Jan	12,333	11,567	737	0.24%	5.99%
	Feb	12,636	11,904	693	0.31%	5.50%
	Mar	11,989	11,236	726	0.22%	6.07%
	Apr	13,702	12,782	855	0.47%	6.27%
	May	14,395	13,363	922	0.76%	6.45%
	Jun	14,559	13,450	1,041	0.47%	7.18%
	Jul	13,979	13,111	851	0.12%	6.10%
	Aug	14,464	13,462	986	0.11%	6.82%
	Sep	14,113	13,219	883	0.08%	6.26%
	Oct	13,700	12,926	730	0.32%	5.35%
	Nov	13,874	12,900	944	0.22%	6.82%
	Dec	11,811	11,158	598	0.47%	5.09%

MWh Offtake was forecasted using Cubic Logarithmic with Smoothing and Horizon. The assumed load factor is 60%.

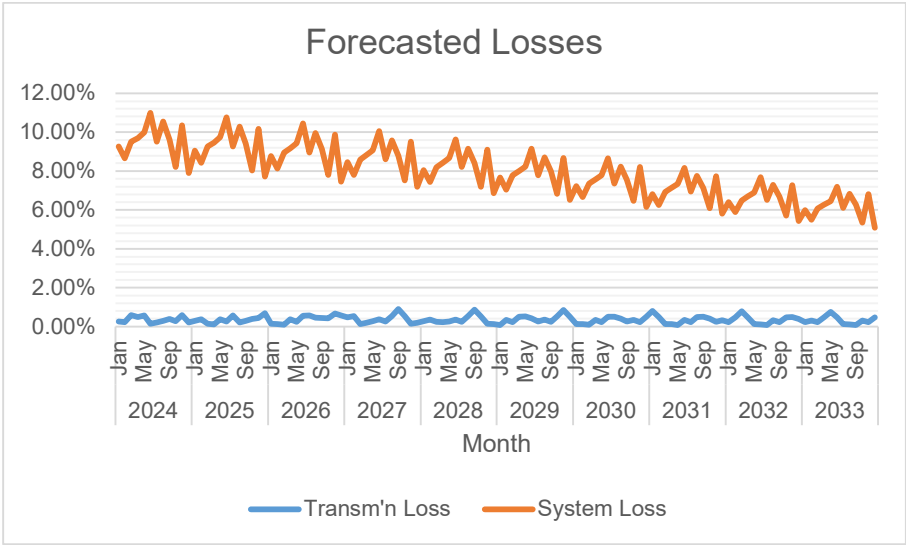
System Loss was calculated using the assumption of 85% in technical loss and 15% in non-technical loss. Based on the same study, the Distribution System can adequately convey electricity to consumers.



Currently, there is over-contracting by 1.70 MW. The highest surplus is 4.23 MW which is expected to occur in the month of February 2029. The lowest deficit is 0.08 MW which is expected to occur in the month of June 2031.



MWh Output was expected to grow at a rate of 6.56% annually.



Transmission Loss is expected to range from 0.1% to 0.96% while System Loss is expected to range from 6.46% to 11.2%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	Maximum MW	Maximum MWh/yr	PSA Start	PSA End
2013-110RC	Base	Therma South, Inc.	1.20	10,512	3.00	26,280	5/26/2015	5/25/2040
2014-011RC	Base	GN Power Kauswagan Ltd.	4.20	36,748	8.39	73,496	6/26/2019	6/25/2039
2017-067RC	Base	Power Sector Assets and Liabilities Management Corporation	4.00	35,040	4.00	35,040	12/26/2023	12/25/2025

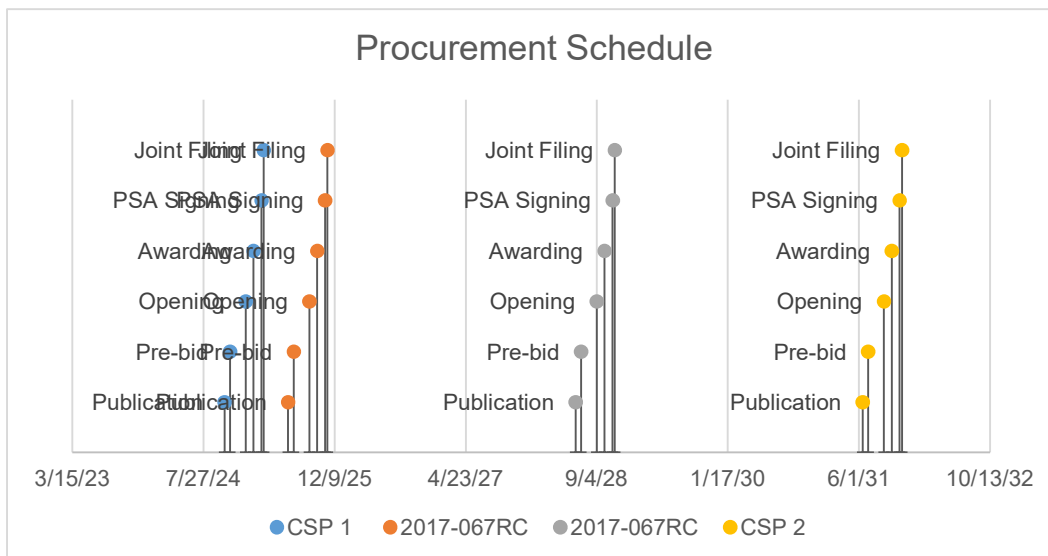
Therma South, Inc., with a minimum contracted demand of 1.2MW, filed with ERC under Case No. 2013-110RC, was procured without CSP. It was selected to fulfil intermediate requirements due to its competitive pricing. Historically, the PSA utilization stands at 80%, but plant outages in the past year led to approximately 0.8MWh of unserved energy. The actual billed overall monthly charge under the PSA ranged from 5.38 P/kWh to 6.84 P/kWh during the same period.

GN Power Kauswagan, with a minimum contracted demand of 8.39MW, filed with ERC under Case No. 2014-011RC, was procured through PSAGCOR. It was chosen to address intermediate requirements due to its economical pricing. Historically, the PSA utilization is 75%, and plant outages resulted in around 2.01 MWh of unserved energy in the past year. The actual billed overall monthly charge under the PSA ranged from 4.56 P/kWh to 5.74 P/kWh during the same period.

PSALM Corp., with a minimum contracted demand of 1.6MW, filed with ERC under Case No. 2017-067RC, was procured without CSP. It was selected to provide for base requirements due to its lower rate. Historically, the PSA utilization is 80%, and plant outages caused approximately 0.4 MWh of unserved energy in the past year. The actual billed overall monthly charge under the PSA ranged from 2.50 P/kWh to 2.90 P/kWh during the same period. The contract with PSALM is set to be renewed every three years.

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
SURSECO-I has no pending PSA filed to ERC as of 2023.						

	CSP 1	2017-067RC	2017-067RC	CSP 2
Type	Intermediate	Base	Base	Intermediate
Minimum MW	1.50	4.00	3.00	1.00
Minimum MWh/yr	13,140	35,040	21,024	8,760
Maximum MW	3	4	3	2
Maximum MWh/yr	26,280	35,040	26,280	17,520
PSA Start	5/26/2025	1/26/2026	1/26/2029	1/26/2032
PSA End	12/25/2033	12/25/2033	12/25/2033	12/25/2033
Publication	10/15/2024	6/15/2025	6/15/2028	6/15/2031
Pre-bid	11/5/2024	7/6/2025	7/6/2028	7/6/2031
Opening	1/4/2025	9/4/2025	9/4/2028	9/4/2031
Awarding	2/3/2025	10/4/2025	10/4/2028	10/4/2031
PSA Signing	3/5/2025	11/3/2025	11/3/2028	11/3/2031
Joint Filing	3/14/2025	11/12/2025	11/12/2028	11/12/2031

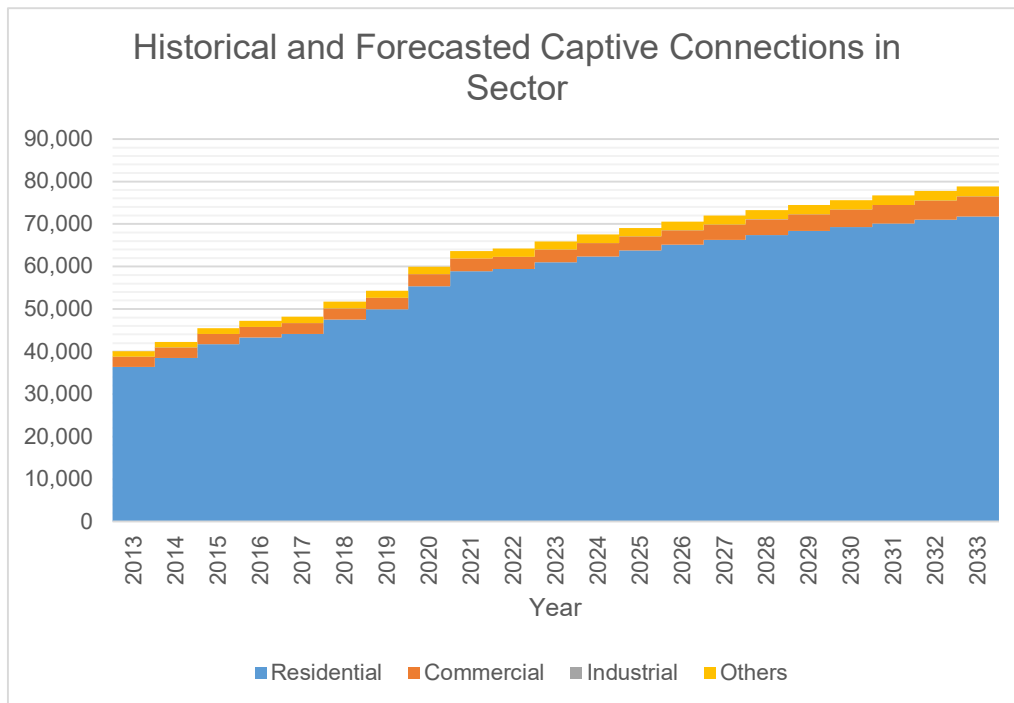


For the procurement of CSP 1, a 3 MW RE supply. This is planned to be available on May 26, 2025, the first publication or launch of CSP 1 will be on October 15, 2024. Joint filing is planned on March 14, 2025. The procurement schedule is in accordance with ERC Resolution No. 16 Series of 2023 and DOE's 2023 CSP Policy.

Followed by a renewal of the 4 MW CSEE with PSALM by December 26, 2025, and an increase of contracted capacity by 3 MW on January 26, 2029 at 80% load factor.

For the procurement of CSP 2 a 2 MW RE supply which is planned to be available on January 26, 2032, the first publication or launch of CSP will be on June 15, 2031. Joint filing is planned on November 12, 2031. The procurement schedule is in accordance with ERC Resolution No. 16 Series of 2023 and DOE's 2023 CSP Policy.

Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 3.49% annually. Said customer class is expected to account for 91.03% of the total connection. Commercial connections are expected to grow at a rate of 3.40% annually and also expected to account for 5.99% of the total consumption while industrial connections are expected to grow at a rate of 7.60% annually and expected to account for 0.02% of the total connection and others to grow at a rate of 3.17% annually and expected to account for 2.96% of the total connection.