

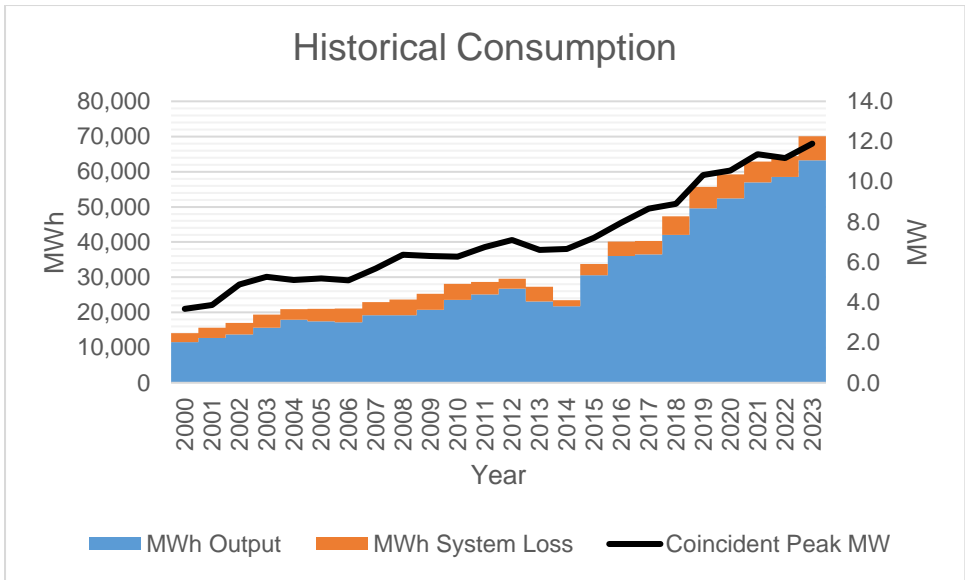
# **Power Supply Procurement Plan 2024**

**LEYTE III ELECTRIC COOPERATIVE, INC.  
(LEYECO III)**

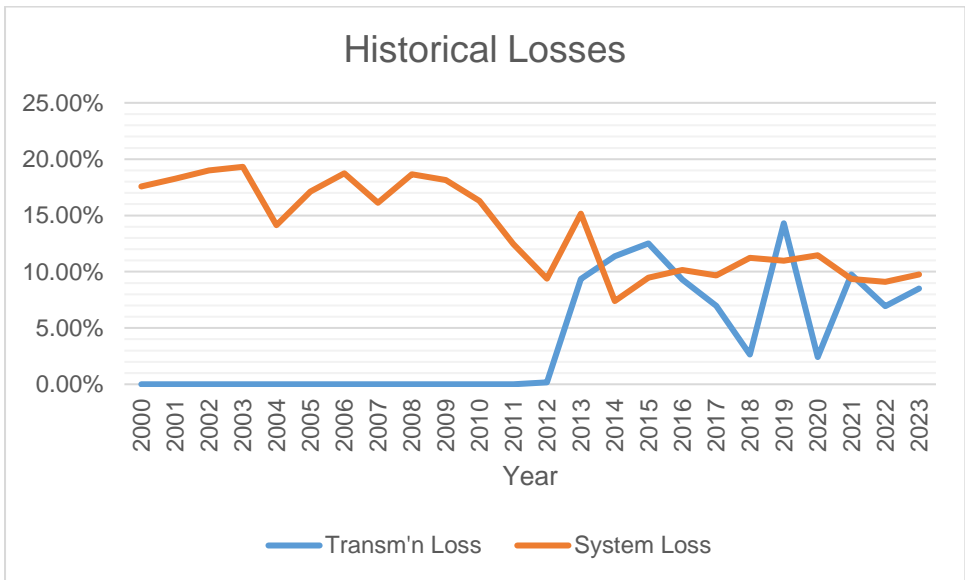
## Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	3.68	14,065	0	14,065	11,594	2,472	44%	0.00%	0.00%	17.57%
2001	3.87	15,609	0	15,609	12,759	2,850	46%	0.00%	0.00%	18.26%
2002	4.89	17,007	0	17,007	13,778	3,229	40%	0.00%	0.00%	18.99%
2003	5.27	19,372	0	19,372	15,630	3,742	42%	0.00%	0.00%	19.32%
2004	5.12	20,914	0	20,914	17,960	2,955	47%	0.00%	0.00%	14.13%
2005	5.19	21,037	0	21,037	17,434	3,603	46%	0.00%	0.00%	17.13%
2006	5.10	21,130	0	21,130	17,167	3,962	47%	0.00%	0.00%	18.75%
2007	5.68	22,927	0	22,927	19,231	3,696	46%	0.00%	0.00%	16.12%
2008	6.37	23,640	0	23,640	19,230	4,410	42%	0.00%	0.00%	18.65%
2009	6.31	25,316	0	25,316	20,722	4,593	46%	0.00%	0.00%	18.14%
2010	6.28	28,152	0	28,152	23,563	4,589	51%	0.00%	0.00%	16.30%
2011	6.74	28,698	0	28,698	25,127	3,571	49%	0.00%	0.00%	12.44%
2012	7.10	29,581	50	29,531	26,759	2,772	47%	0.00%	0.17%	9.39%
2013	6.61	30,101	2,820	27,280	23,142	4,138	47%	0.00%	9.37%	15.17%
2014	6.65	26,507	3,012	23,495	21,758	1,737	40%	0.00%	11.36%	7.39%
2015	7.22	38,597	4,828	33,769	30,572	3,197	53%	0.00%	12.51%	9.47%
2016	7.96	44,230	4,115	40,115	36,045	4,070	58%	0.00%	9.30%	10.15%
2017	8.66	43,374	3,019	40,355	36,452	3,903	53%	0.00%	6.96%	9.67%
2018	8.90	48,642	1,293	47,349	42,027	5,322	61%	0.00%	2.66%	11.24%
2019	10.33	65,035	9,301	55,734	49,621	6,113	62%	0.00%	14.30%	10.97%
2020	10.56	60,670	1,473	59,197	52,410	6,787	64%	0.00%	2.43%	11.47%
2021	11.38	69,683	4,834	62,885	56,994	5,892	63%	0.00%	9.76%	9.37%
2022	11.18	69,211	-2,388	64,406	58,549	5,857	66%	0.00%	6.94%	9.09%
2023	11.90	76,623	534	70,098	63,263	6,835	67%	0.00%	8.52%	9.75%

Peak Demand increased from 3.68 MW in 2000 to 11.90 MW in 2023 at a rate of 5.5% due to increasing demand of residential customers. MWh Offtake increased from 14,065 MWh in 2000 to 76,623 MWh in 2023 at a rate of 8.3% also due to increasing demand. Within the same period, Load Factor ranged from 40% to 66%. There was an abrupt change in consumption on 2013 and 2020 due to super typhoon Yolanda aftermath and COVID-19 Pandemic respectively, while on it getting normal since year 2020 to year 2023. Negative Transmission shows was due to sell back to WESM.

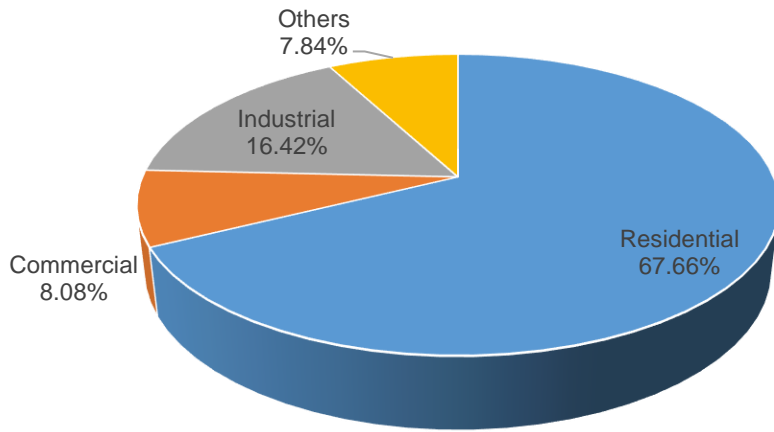


MWh Output increased from year 2001 to year 2023 at a rate of 8%, while MWh System Loss decreased to 9.56% within the same period.



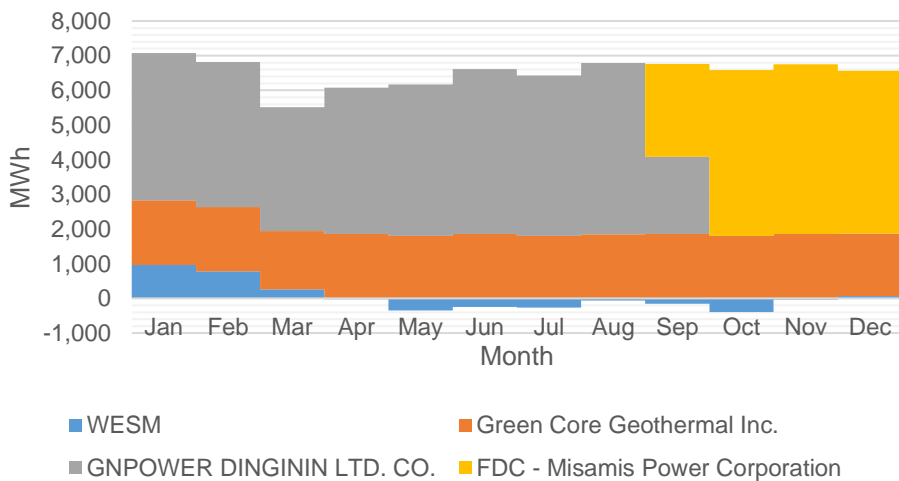
Historically, Transmission Loss ranged from 0.17% to 14.3% while System Loss ranged from 7.4% to 19.32%. Transmission Loss peaked at 14.3% on year 2019 because of Large Energy Purchases made from the Market. System Loss peaked at 19.32% on year 2003 because of defected meters.

### Previous Year's Shares of Energy Sales

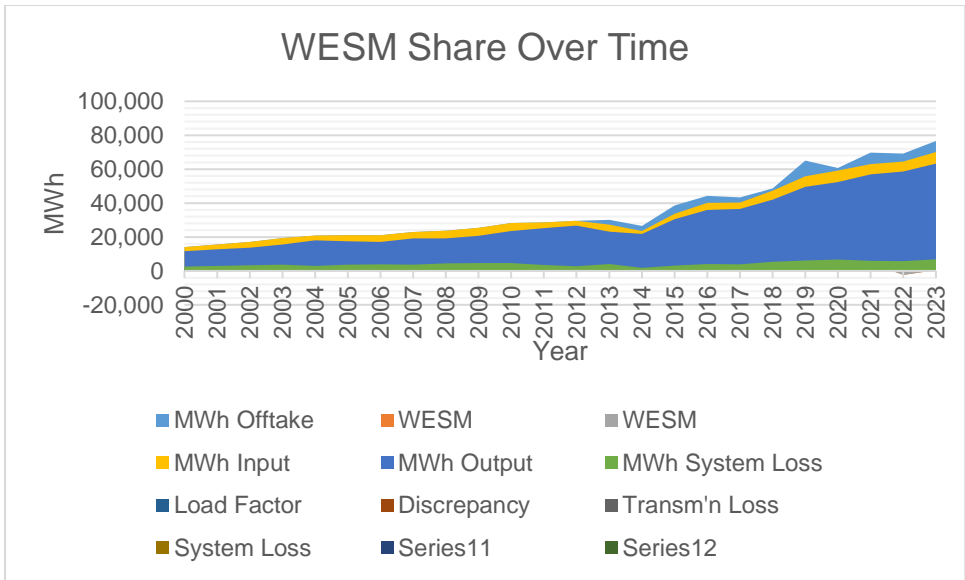


Residential customers account for the bulk of energy sales at 67.66% due to the high number of connections. In contrast, other customers accounted for only 7.84% of energy sales due to the low number of connections.

### MWh Offtake for Last Historical Year

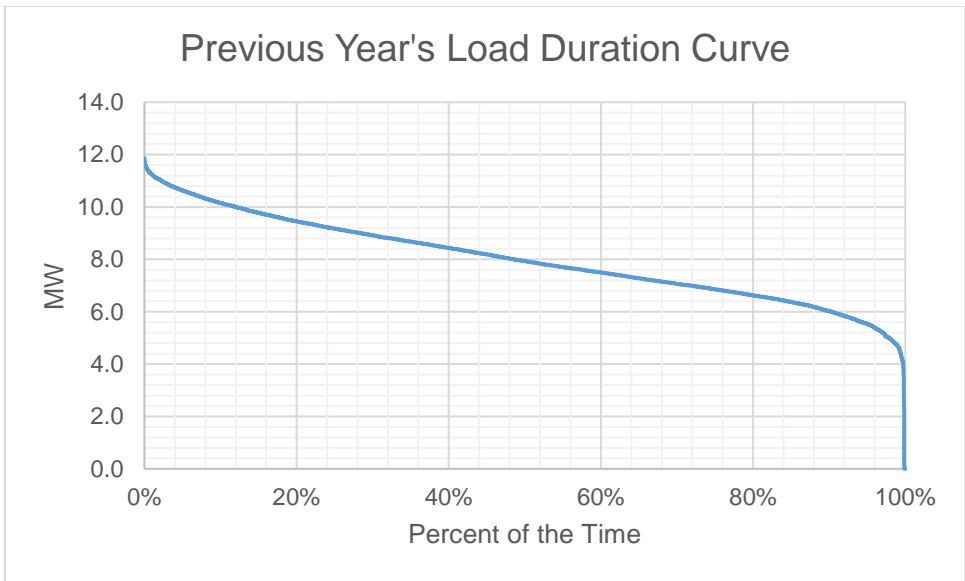


For 2023, the total Offtake for the last historical year is lower than the quantity stipulated in the PSA. WESM Offtake is in negative in other months of the year due to the reason that LEYECO III has bigger in Sales to Market compared to Purchases in the Market, in other words the excess of the Nomination from Contracted Suppliers is higher than the Purchases from WESM.

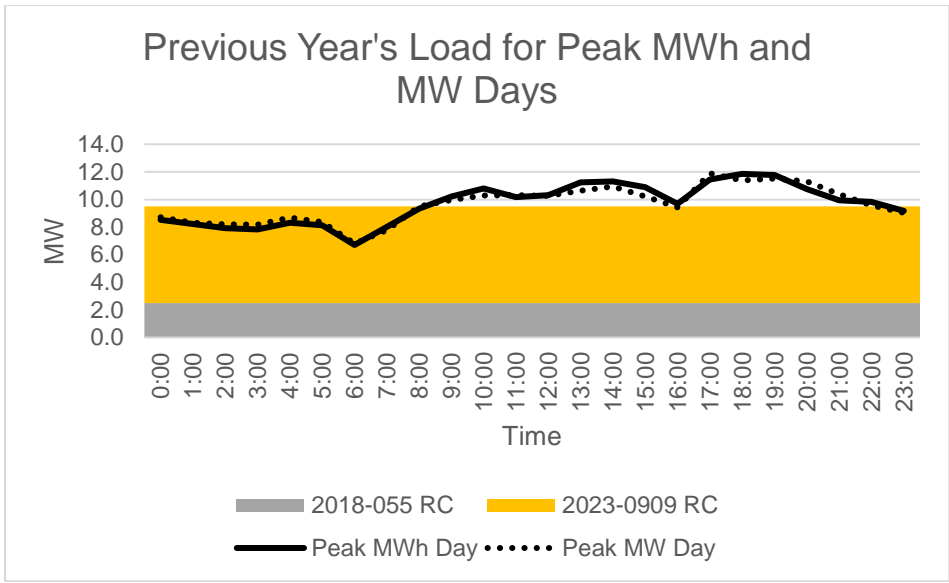


WESM Offtake Increased from 30,101 MWh in 2013 to 76,623 MWh in 2023 at a rate of 6%. The share of WESM in the total Offtake ranged from 1% to 7%. In year 2022 LEYECO III Purchased from WESM 534 MMH, a deficit of LEYECO III Requirements.

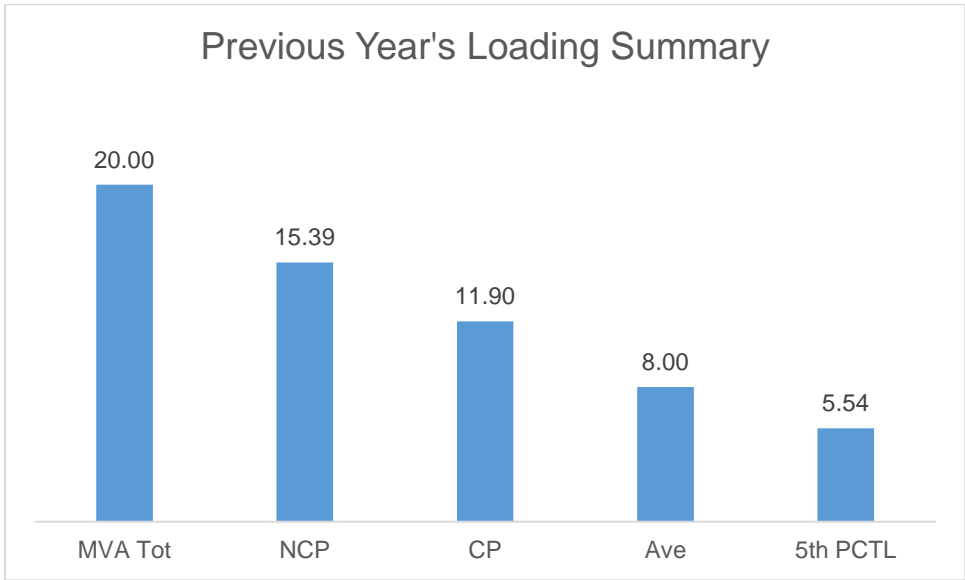
### Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 5.020 MW and the maximum load is 11.90 MW for the last historical year



Peak MW occurred on September and Peak daily MWh occurred on October. As shown in the Load Curves, the available supply is lower than the Peak Demand.



The Non-coincident Peak Demand is 15.39 MW, which is around 62% of the total substation capacity of 20/24.5 MVA at a power factor of 98%. The load factor or the ratio between the Average Load of 8.0 MW which is 52% of the Non-coincident Peak Demand. A safe estimate of the true minimum load is the fifth percentile load of 5.54 MW which is 36% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Tunga SS	5	4.576
Alangalang SS	10	6.760
Capoocan SS	5	4.057

The substations loaded is at Tunga Substation with 73% loading, still manageable, since other load around 1MW will be transferred to Capoocan 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
2024	Jan	11.33	2.50	7.00	0.000		22%	84%	-1.83
	Feb	9.69	2.50	7.00	0.000		26%	98%	-0.19
	Mar	10.82	2.50	7.00	0.000		23%	88%	-1.32
	Apr	11.70	2.50	7.00	0.000		21%	81%	-2.20
	May	12.58	2.50	7.00	0.000		20%	75%	-3.08
	Jun	11.95	2.50	7.00	0.000		21%	79%	-2.45
	Jul	11.33	2.50	7.00	0.000		22%	84%	-1.83
	Aug	12.33	2.50	7.00	0.000		20%	77%	-2.83
	Sep	12.08	2.50	7.00	8.000		21%	145%	5.42
	Oct	11.58	2.50	0.00	8.000		22%	91%	-1.08
	Nov	12.08	2.50	0.00	8.000		21%	87%	-1.58
	Dec	12.33	2.50	0.00	8.000		20%	85%	-1.83
2025	Jan	11.99	2.50	1.00	9.000		21%	104%	0.51
	Feb	10.25	2.50	1.00	9.000		24%	122%	2.25
	Mar	11.45	2.50	1.00	9.000		22%	109%	1.05
	Apr	12.39	2.50	1.00	9.000		20%	101%	0.11
	May	13.32	2.50	1.00	9.000		19%	94%	-0.82
	Jun	12.65	2.50	1.00	9.000		20%	99%	-0.15
	Jul	11.99	2.50	1.00	9.000		21%	104%	0.51
	Aug	13.05	2.50	1.00	9.000		19%	96%	-0.55
	Sep	12.78	2.50	1.00	9.000		20%	98%	-0.28
	Oct	12.25	2.50	1.00	9.000		20%	102%	0.25
	Nov	12.78	2.50	1.00	9.000		20%	98%	-0.28
	Dec	13.05	2.50	1.00	9.000		19%	96%	-0.55
2026	Jan	12.72	2.50	1.00	9.000		20%	98%	-0.22
	Feb	10.88	2.50	1.00	9.000		23%	115%	1.62
	Mar	12.15	2.50	1.00	9.000		21%	103%	0.35
	Apr	13.14	2.50	1.00	9.000		19%	95%	-0.64
	May	14.13	2.50	1.00	9.000		18%	88%	-1.63

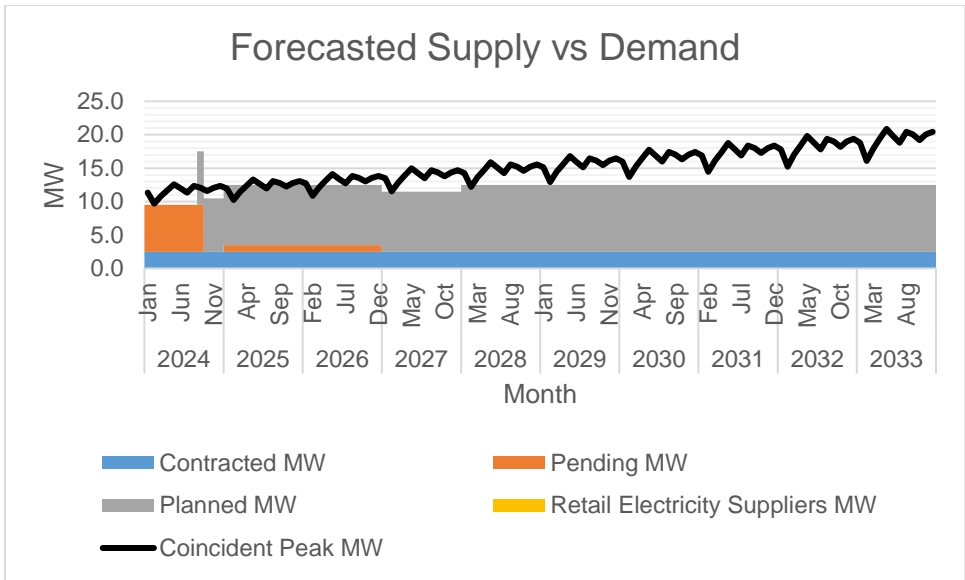
	Jun	13.43	2.50	1.00	9.000		19%	93%	-0.93
	Jul	12.72	2.50	1.00	9.000		20%	98%	-0.22
	Aug	13.85	2.50	1.00	9.000		18%	90%	-1.35
	Sep	13.57	2.50	1.00	9.000		18%	92%	-1.07
	Oct	13.00	2.50	1.00	9.000		19%	96%	-0.50
	Nov	13.57	2.50	1.00	9.000		18%	92%	-1.07
	Dec	13.85	2.50	1.00	9.000		18%	90%	-1.35
2027	Jan	13.48	2.50	0.00	9.000		19%	85%	-1.98
	Feb	11.54	2.50	0.00	9.000		22%	100%	-0.04
	Mar	12.88	2.50	0.00	9.000		19%	89%	-1.38
	Apr	13.93	2.50	0.00	9.000		18%	83%	-2.43
	May	14.98	2.50	0.00	9.000		17%	77%	-3.48
	Jun	14.23	2.50	0.00	9.000		18%	81%	-2.73
	Jul	13.48	2.50	0.00	9.000		19%	85%	-1.98
	Aug	14.68	2.50	0.00	9.000		17%	78%	-3.18
	Sep	14.38	2.50	0.00	9.000		17%	80%	-2.88
	Oct	13.78	2.50	0.00	9.000		18%	83%	-2.28
	Nov	14.38	2.50	0.00	9.000		17%	80%	-2.88
	Dec	14.68	2.50	0.00	9.000		17%	78%	-3.18
2028	Jan	14.28	2.50	0.00	10.000		18%	88%	-1.78
	Feb	12.22	2.50	0.00	10.000		20%	102%	0.28
	Mar	13.65	2.50	0.00	10.000		18%	92%	-1.15
	Apr	14.76	2.50	0.00	10.000		17%	85%	-2.26
	May	15.87	2.50	0.00	10.000		16%	79%	-3.37
	Jun	15.08	2.50	0.00	10.000		17%	83%	-2.58
	Jul	14.28	2.50	0.00	10.000		18%	88%	-1.78
	Aug	15.55	2.50	0.00	10.000		16%	80%	-3.05
	Sep	15.23	2.50	0.00	10.000		16%	82%	-2.73
	Oct	14.60	2.50	0.00	10.000		17%	86%	-2.10
	Nov	15.23	2.50	0.00	10.000		16%	82%	-2.73
	Dec	15.55	2.50	0.00	10.000		16%	80%	-3.05
2029	Jan	15.11	2.50	0.00	10.000		17%	83%	-2.61
	Feb	12.93	2.50	0.00	10.000		19%	97%	-0.43
	Mar	14.44	2.50	0.00	10.000		17%	87%	-1.94



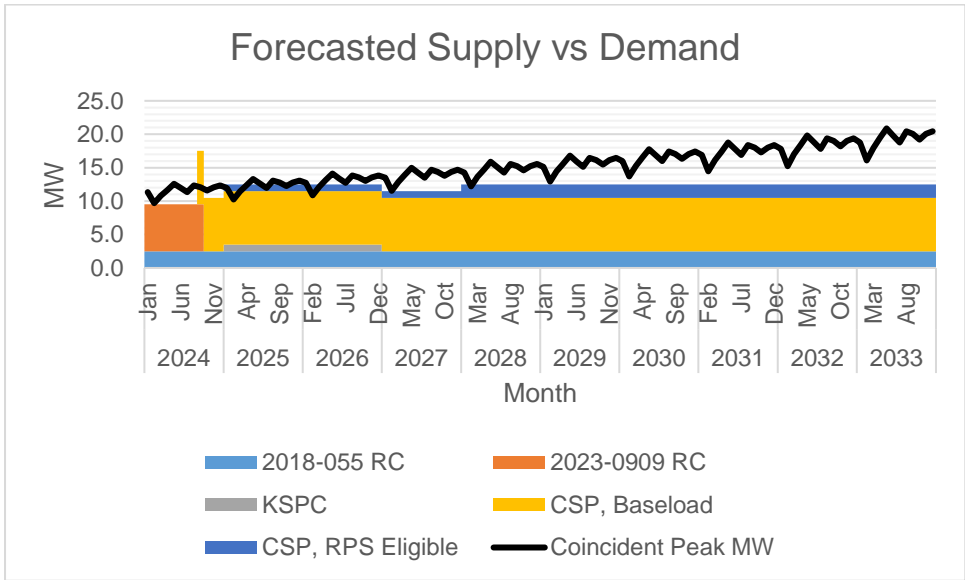
	Apr	15.62	2.50	0.00	10.000		16%	80%	-3.12
	May	16.79	2.50	0.00	10.000		15%	74%	-4.29
	Jun	15.95	2.50	0.00	10.000		16%	78%	-3.45
	Jul	15.11	2.50	0.00	10.000		17%	83%	-2.61
	Aug	16.46	2.50	0.00	10.000		15%	76%	-3.96
	Sep	16.12	2.50	0.00	10.000		16%	78%	-3.62
	Oct	15.45	2.50	0.00	10.000		16%	81%	-2.95
	Nov	16.12	2.50	0.00	10.000		16%	78%	-3.62
	Dec	16.46	2.50	0.00	10.000		15%	76%	-3.96
2030	Jan	15.98	2.50	0.00	10.000		16%	78%	-3.48
	Feb	13.67	2.50	0.00	10.000		18%	91%	-1.17
	Mar	15.27	2.50	0.00	10.000		16%	82%	-2.77
	Apr	16.51	2.50	0.00	10.000		15%	76%	-4.01
	May	17.76	2.50	0.00	10.000		14%	70%	-5.26
	Jun	16.87	2.50	0.00	10.000		15%	74%	-4.37
	Jul	15.98	2.50	0.00	10.000		16%	78%	-3.48
	Aug	17.40	2.50	0.00	10.000		14%	72%	-4.90
	Sep	17.05	2.50	0.00	10.000		15%	73%	-4.55
	Oct	16.34	2.50	0.00	10.000		15%	77%	-3.84
	Nov	17.05	2.50	0.00	10.000		15%	73%	-4.55
	Dec	17.40	2.50	0.00	10.000		14%	72%	-4.90
2031	Jan	16.88	2.50	0.00	10.000		15%	74%	-4.38
	Feb	14.44	2.50	0.00	10.000		17%	87%	-1.94
	Mar	16.13	2.50	0.00	10.000		15%	77%	-3.63
	Apr	17.45	2.50	0.00	10.000		14%	72%	-4.95
	May	18.76	2.50	0.00	10.000		13%	67%	-6.26
	Jun	17.82	2.50	0.00	10.000		14%	70%	-5.32
	Jul	16.88	2.50	0.00	10.000		15%	74%	-4.38
	Aug	18.38	2.50	0.00	10.000		14%	68%	-5.88
	Sep	18.01	2.50	0.00	10.000		14%	69%	-5.51
	Oct	17.26	2.50	0.00	10.000		14%	72%	-4.76
	Nov	18.01	2.50	0.00	10.000		14%	69%	-5.51
	Dec	18.38	2.50	0.00	10.000		14%	68%	-5.88
2032	Jan	17.82	2.50	0.00	10.000		14%	70%	-5.32

	Feb	15.25	2.50	0.00	10.000		16%	82%	-2.75
	Mar	17.03	2.50	0.00	10.000		15%	73%	-4.53
	Apr	18.41	2.50	0.00	10.000		14%	68%	-5.91
	May	19.80	2.50	0.00	10.000		13%	63%	-7.30
	Jun	18.81	2.50	0.00	10.000		13%	66%	-6.31
	Jul	17.82	2.50	0.00	10.000		14%	70%	-5.32
	Aug	19.40	2.50	0.00	10.000		13%	64%	-6.90
	Sep	19.01	2.50	0.00	10.000		13%	66%	-6.51
	Oct	18.22	2.50	0.00	10.000		14%	69%	-5.72
	Nov	19.01	2.50	0.00	10.000		13%	66%	-6.51
	Dec	19.40	2.50	0.00	10.000		13%	64%	-6.90
2033	Jan	18.79	2.50	0.00	10.000		13%	67%	-6.29
	Feb	16.08	2.50	0.00	10.000		16%	78%	-3.58
	Mar	17.96	2.50	0.00	10.000		14%	70%	-5.46
	Apr	19.42	2.50	0.00	10.000		13%	64%	-6.92
	May	20.88	2.50	0.00	10.000		12%	60%	-8.38
	Jun	19.83	2.50	0.00	10.000		13%	63%	-7.33
	Jul	18.79	2.50	0.00	10.000		13%	67%	-6.29
	Aug	20.46	2.50	0.00	10.000		12%	61%	-7.96
	Sep	20.04	2.50	0.00	10.000		12%	62%	-7.54
	Oct	19.21	2.50	0.00	10.000		13%	65%	-6.71
	Nov	20.04	2.50	0.00	10.000		12%	62%	-7.54
	Dec	20.46	2.50	0.00	10.000		12%	61%	-7.96

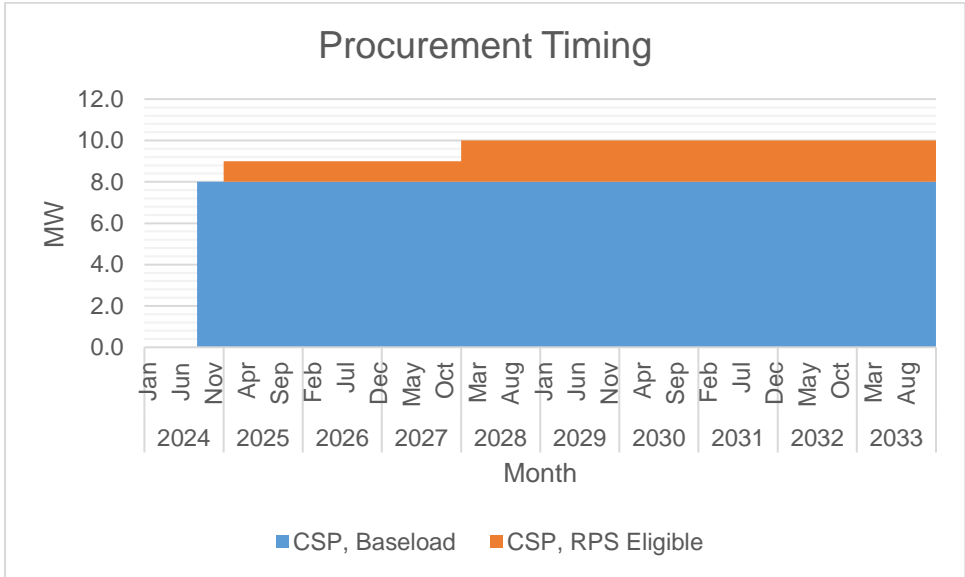
The Peak Demand was forecasted using Cubic Trending with Smoothing & Horizon and was assumed to occur on the month of May due to Summer/Hot time. Monthly Peak Demand is at its lowest on the month of February. In general, Peak Demand is expected to grow at a rate of 9% annually.



The available supply is generally below the Peak Demand. This is due to the reason that Peaking requirement that will occur only in 3-4 Hours at around 6:00PM to 10:00PM will be taken purchase from WESM.

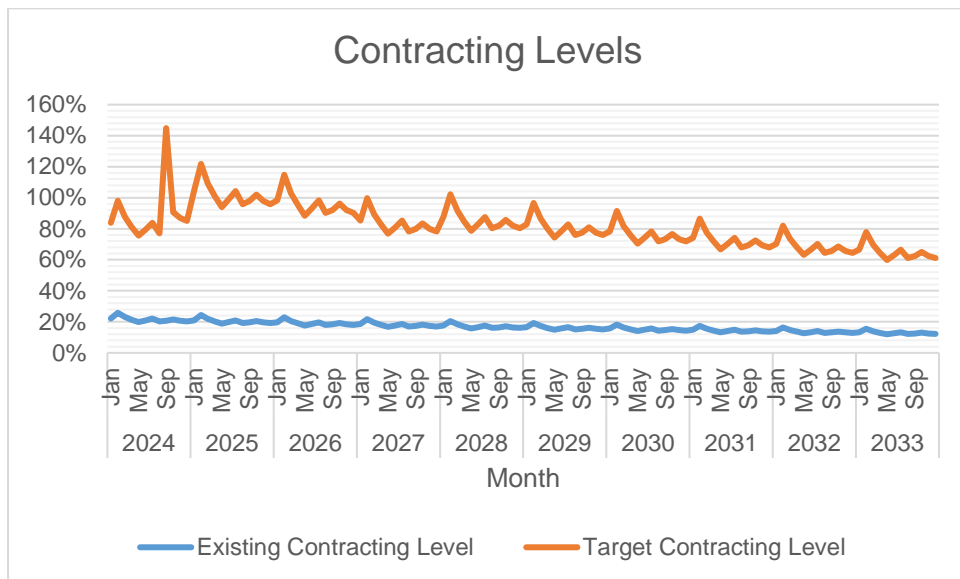


Of the available supply, the largest is 7 MW from FDCMPC/EP SA. This is followed by 2.5 MW from GCGI.

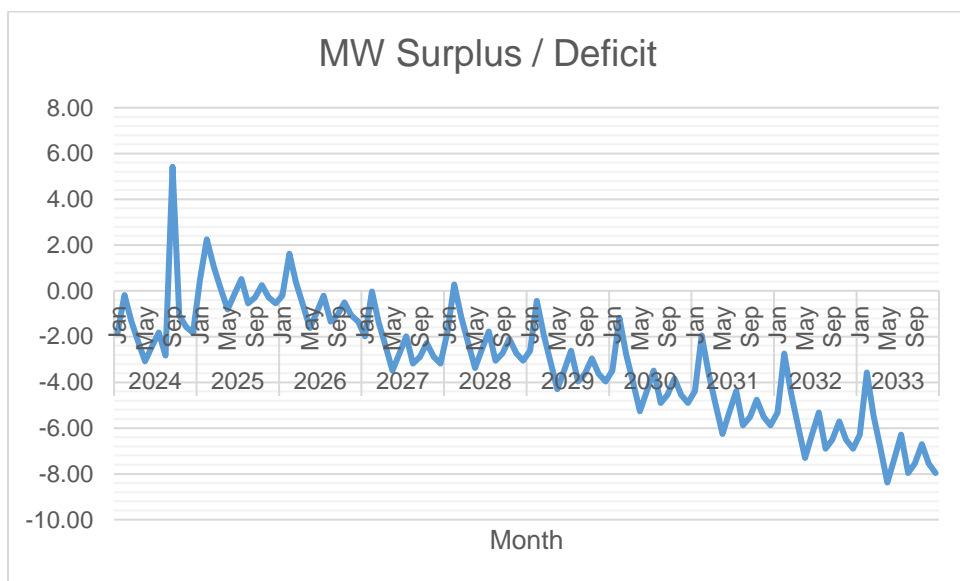


The first wave of supply procurement is for Long Term CSP (R8\_JCPSP\_LT), 8 MW to be available by the month of September 9, 2024 to December 25, 2032.

Second wave of supply procurement is for Medium term CSP (RPS), 1MW to 4MW will be available by December 26, 2024 to December 25, 2033.



Currently, there is no over-contracting. The highest target contracting level is expected to occur on year 2025. The lowest target contracting level is expected to occur on year 2024. The Over-contracting that show is an EPSA with FDCMPC to end by September 8, 2024 and with the New PSA to Start by September 9, 2024.



Currently, there is no over-contracting. The highest surplus is 4.07 MW that Show on the month of September 2024 is an EPSA with FDCMPC to end by September 8, 2024 and with the New PSA to Start by September 9, 2024. The highest deficit is 24.85 MW which is expected to occur on the month of May 2032.

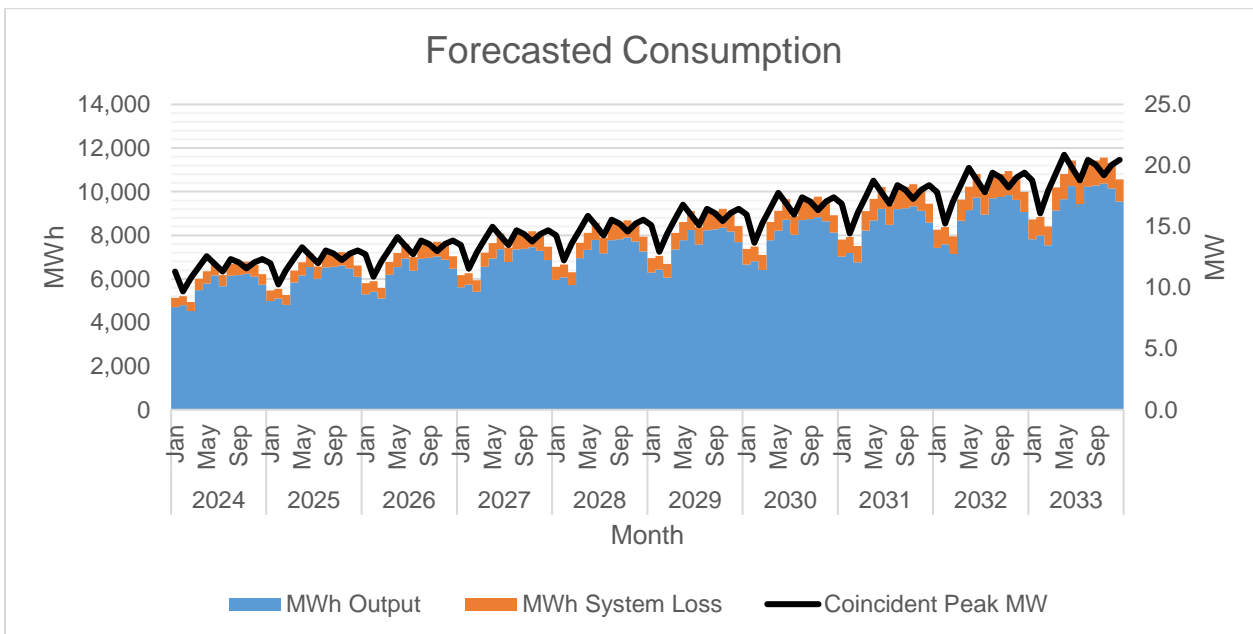
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2024	Jan	4,636	4,699	434	-10.71%	8.46%
	Feb	4,522	4,800	410	-15.21%	7.86%
	Mar	4,498	4,523	415	-9.79%	8.41%
	Apr	5,476	5,488	502	-9.40%	8.38%

	May	5,948	5,799	550	-6.73%	8.66%
	Jun	6,072	6,157	560	-10.63%	8.34%
	Jul	5,618	5,664	514	-9.97%	8.31%
	Aug	5,987	6,143	551	-11.82%	8.23%
	Sep	5,912	6,177	545	-13.71%	8.11%
	Oct	6,191	6,231	566	-9.80%	8.33%
	Nov	6,004	6,096	550	-10.69%	8.28%
	Dec	5,454	5,738	481	-14.04%	7.74%
2025	Jan	5,703	4,991	473	4.19%	8.66%
	Feb	5,579	5,098	447	0.60%	8.06%
	Mar	5,552	4,804	453	5.32%	8.61%
	Apr	6,619	5,830	547	3.65%	8.58%
	May	7,134	6,160	600	5.25%	8.87%
	Jun	7,269	6,540	611	1.62%	8.55%
	Jul	6,773	6,016	560	2.91%	8.52%
	Aug	7,176	6,525	600	0.69%	8.43%
	Sep	7,094	6,561	594	-0.87%	8.31%
	Oct	7,399	6,619	618	2.19%	8.54%
	Nov	7,195	6,475	600	1.66%	8.48%
	Dec	6,595	6,095	525	-0.38%	7.93%
2026	Jan	6,155	5,296	516	5.59%	8.87%
	Feb	6,020	5,410	487	2.04%	8.25%
	Mar	5,991	5,098	493	6.67%	8.82%
	Apr	7,153	6,186	596	5.18%	8.79%
	May	7,714	6,536	653	6.80%	9.09%
	Jun	7,861	6,940	666	3.25%	8.75%
	Jul	7,321	6,384	610	4.47%	8.72%
	Aug	7,760	6,924	654	2.33%	8.63%
	Sep	7,671	6,963	648	0.79%	8.51%
	Oct	8,003	7,023	673	3.83%	8.74%
	Nov	7,780	6,871	653	3.29%	8.68%
	Dec	7,127	6,468	572	1.22%	8.12%
2027	Jan	5,994	5,615	561	-3.03%	9.09%
	Feb	5,847	5,736	530	-7.16%	8.45%
	Mar	5,815	5,405	537	-2.17%	9.03%
	Apr	7,080	6,559	649	-1.80%	9.01%
	May	7,691	6,930	711	0.65%	9.31%
	Jun	7,851	7,357	725	-2.95%	8.97%
	Jul	7,263	6,768	664	-2.33%	8.93%
	Aug	7,740	7,341	712	-4.04%	8.84%
	Sep	7,644	7,382	705	-5.79%	8.72%
	Oct	8,005	7,446	732	-2.17%	8.96%
	Nov	7,763	7,285	711	-3.00%	8.89%
	Dec	7,052	6,857	622	-6.07%	8.32%
2028	Jan	6,517	5,947	610	-0.62%	9.30%
	Feb	6,357	6,076	576	-4.64%	8.66%
	Mar	6,323	5,725	584	0.22%	9.25%
	Apr	7,698	6,947	706	0.58%	9.22%
	May	8,362	7,340	773	2.97%	9.53%
	Jun	8,535	7,793	788	-0.53%	9.18%
	Jul	7,897	7,169	722	0.07%	9.15%

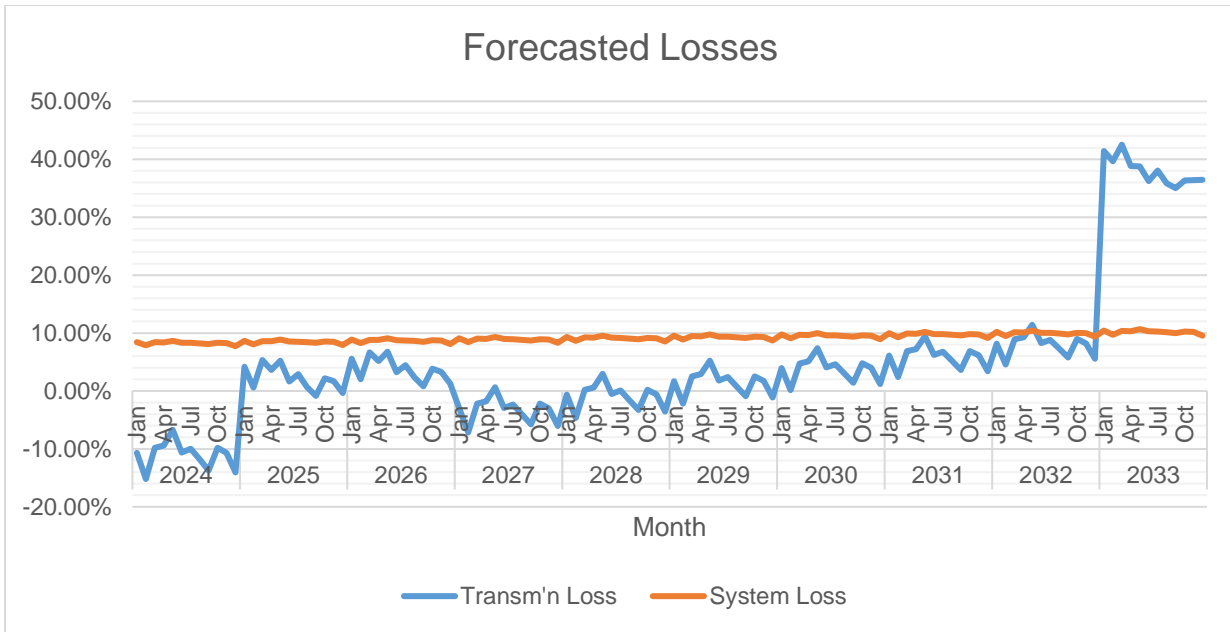
	Aug	8,416	7,776	774	-1.60%	9.05%
	Sep	8,311	7,819	766	-3.30%	8.93%
	Oct	8,703	7,887	796	0.23%	9.17%
	Nov	8,440	7,716	773	-0.58%	9.11%
	Dec	7,667	7,263	677	-3.56%	8.52%
2029	Jan	7,078	6,294	663	1.71%	9.52%
	Feb	6,903	6,430	625	-2.20%	8.86%
	Mar	6,867	6,059	634	2.53%	9.47%
	Apr	8,360	7,352	766	2.88%	9.44%
	May	9,081	7,768	840	5.21%	9.76%
	Jun	9,269	8,247	856	1.80%	9.40%
	Jul	8,576	7,587	784	2.39%	9.37%
	Aug	9,139	8,229	841	0.76%	9.27%
	Sep	9,025	8,274	832	-0.90%	9.14%
	Oct	9,451	8,347	865	2.54%	9.39%
	Nov	9,166	8,166	840	1.75%	9.32%
	Dec	8,326	7,687	735	-1.14%	8.73%
2030	Jan	7,677	6,655	719	3.95%	9.75%
	Feb	7,488	6,798	678	0.15%	9.07%
	Mar	7,448	6,406	687	4.76%	9.69%
	Apr	9,068	7,774	831	5.10%	9.66%
	May	9,850	8,213	911	7.37%	9.98%
	Jun	10,054	8,720	928	4.04%	9.62%
	Jul	9,302	8,022	850	4.62%	9.59%
	Aug	9,913	8,701	912	3.03%	9.49%
	Sep	9,790	8,749	903	1.41%	9.35%
	Oct	10,252	8,825	938	4.77%	9.61%
	Nov	9,942	8,634	911	4.00%	9.54%
	Dec	9,031	8,127	797	1.18%	8.93%
2031	Jan	8,317	7,030	779	6.11%	9.97%
	Feb	8,112	7,182	735	2.41%	9.28%
	Mar	8,069	6,768	745	6.90%	9.91%
	Apr	9,823	8,212	901	7.23%	9.88%
	May	10,671	8,677	987	9.44%	10.21%
	Jun	10,892	9,212	1,005	6.20%	9.84%
	Jul	10,078	8,475	921	6.76%	9.81%
	Aug	10,740	9,192	988	5.21%	9.70%
	Sep	10,606	9,242	978	3.63%	9.57%
	Oct	11,106	9,323	1,016	6.91%	9.83%
	Nov	10,771	9,121	987	6.16%	9.76%
	Dec	9,784	8,586	864	3.42%	9.14%
2032	Jan	8,999	7,420	842	8.18%	10.20%
	Feb	8,777	7,580	795	4.58%	9.49%
	Mar	8,730	7,143	806	8.95%	10.14%
	Apr	10,629	8,667	974	9.28%	10.11%
	May	11,546	9,158	1,068	11.44%	10.44%
	Jun	11,785	9,723	1,088	8.27%	10.06%
	Jul	10,904	8,945	997	8.82%	10.03%
	Aug	11,620	9,701	1,069	7.31%	9.92%
	Sep	11,475	9,755	1,058	5.77%	9.79%
	Oct	12,017	9,840	1,100	8.96%	10.05%

	Nov	11,654	9,627	1,068	8.23%	9.98%
	Dec	10,586	9,062	934	5.57%	9.35%
2033	Jan	14,908	7,824	910	41.41%	10.42%
	Feb	14,668	7,993	859	39.65%	9.71%
	Mar	14,618	7,532	871	42.52%	10.36%
	Apr	16,669	9,140	1,053	38.85%	10.33%
	May	17,660	9,657	1,154	38.79%	10.67%
	Jun	17,919	10,253	1,175	36.22%	10.29%
	Jul	16,966	9,432	1,077	38.06%	10.25%
	Aug	17,740	10,230	1,155	35.82%	10.14%
	Sep	17,584	10,286	1,144	35.00%	10.00%
	Oct	18,169	10,376	1,188	36.35%	10.27%
	Nov	17,777	10,152	1,154	36.40%	10.21%
	Dec	16,623	9,556	1,010	36.44%	9.56%

System Loss was calculated through a Load Flow Study conducted on 2019 by Engineering using DSAS software. Based on the same study, the Distribution System can adequately convey electricity to customers. MWh Offtake was forecasted using Cubic Trending with Smoothing & Horizon. The assumed load factor is 62%.



MWh Output was expected to grow at a rate of 8% annually.



Transmission Loss is forecasted to zero, while System Loss is expected to 8.8% December 2033.

## Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2018-055 RC	Base	Green Core Geothermal, Inc.	2.50	21,900	12/26/2012	12/25/2040

The PSA with GCGI filed with ERC under Case No. 2011-182 RC was procured through Negotiation. It was selected to provide for base requirements due to no Supply. Historically, the utilization of the PSA is 100%. The actual billed overall monthly charge under the PSA is 6.1501 Php/kWh in the year 2023.

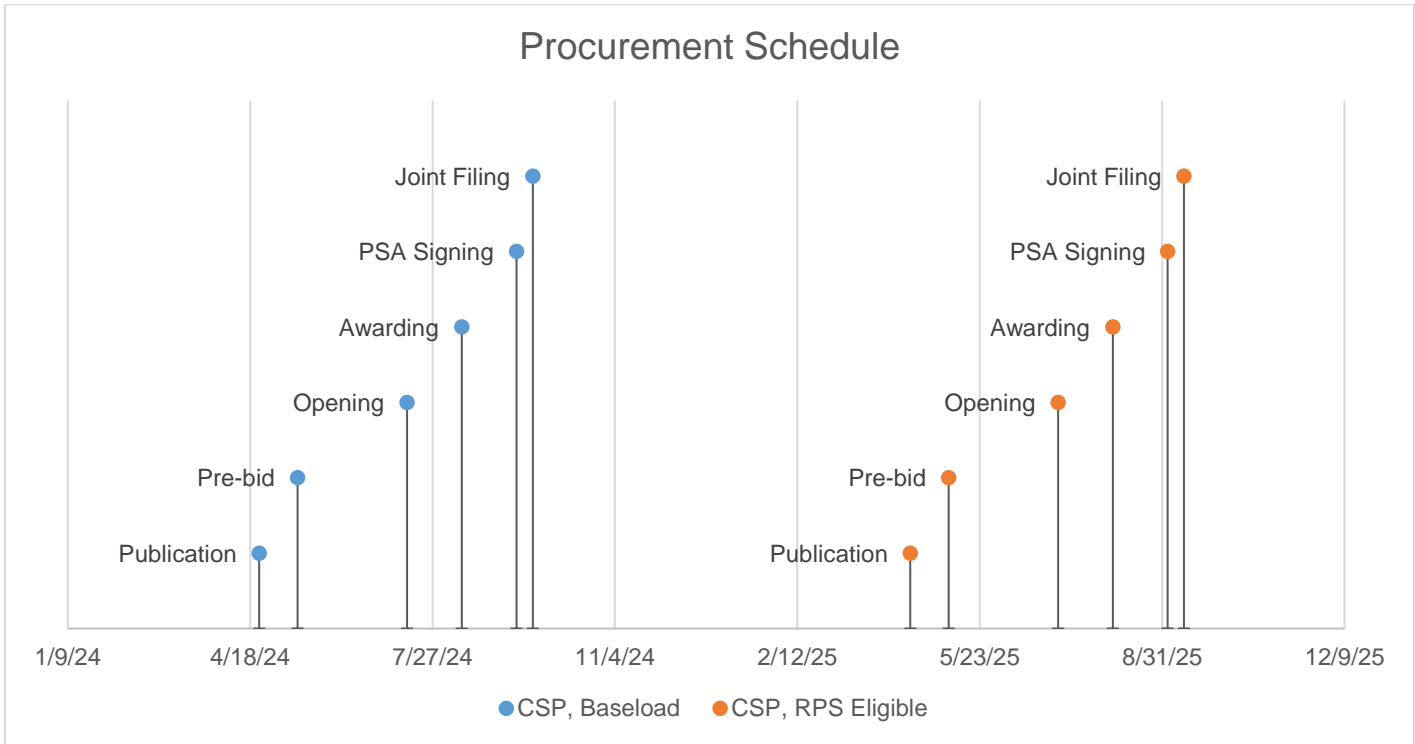
Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2023-0909 RC	Base	FDC Misamis Power Corporation	7.00	42,924	9/9/2023	9/8/2024
KSPC	Base	KEPCO SPC Power Corporation	1.00	7,776	12/26/2024	12/25/2026

The PSA with FDCMPC filed with ERC was procured through EPSA It was selected to provide for base requirements due to Dismissed PSA with GNPD. Historically, the utilization of the PSA is 70%.The actual billed overall monthly charge under the PSA ranged from 5.63 P/kWh to 6.39 P/KWh in the same period.

The PSA with KEPCO SPC Power Corporation is on the process of filling with Energy Regulatory Commission (ERC) with a base price of 5.9832 Php/kW

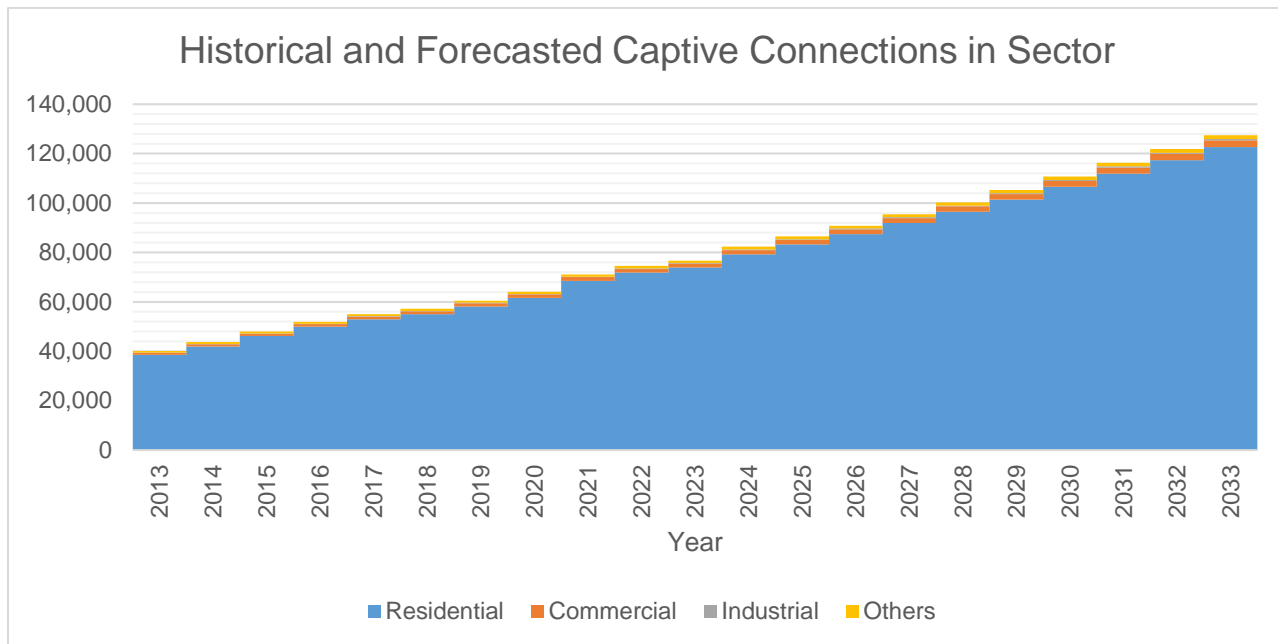


	CSP, Baseload	CSP, RPS Eligible
Type	Base	Base
Minimum MW	8.00	1.00
Minimum MWh/yr	49,056	7,344
PSA Start	9/9/2024	12/26/2025
PSA End	12/25/2033	12/25/2033
Publication	4/23/2024	4/15/2025
Pre-bid	5/14/2024	5/6/2025
Opening	7/13/2024	7/5/2025
Awarding	8/12/2024	8/4/2025
PSA Signing	9/11/2024	9/3/2025
Joint Filing	9/20/2024	9/12/2025



For the procurement of 8MW of supply which is planned to be available on September 9, 2024, the first publication or launch of CSP will be on April 23, 2024. Joint filing is planned on September 20, 2024, or 150 days later, in accordance with DOE's 2023 CSP Policy.

# Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 5% annually. Said customer class is expected to account for 61% of the total consumption.