

Power Supply Procurement Plan [2025]

Pampanga Rural Electric Service Cooperative, Inc. (PRESCO)



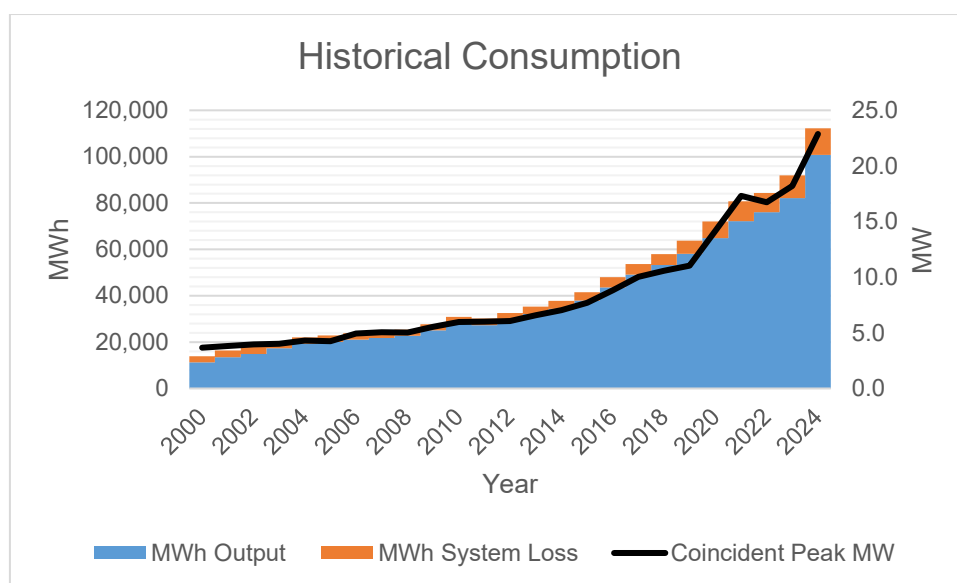
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Historical Consumption Data

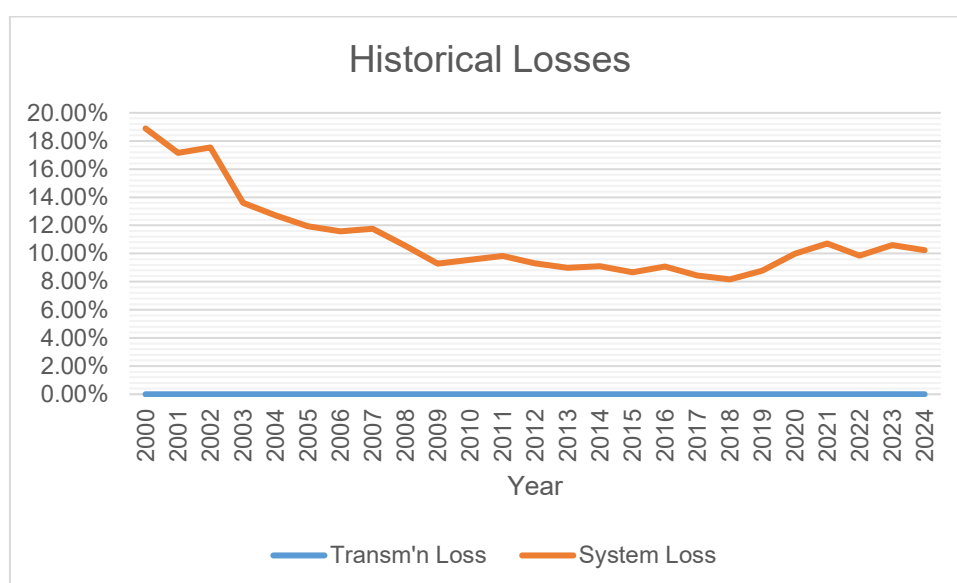
	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	3.67	13,934	0	13,934	11,302	2,632	43%	0.00%	0.00%	18.89%
2001	3.82	16,345	0	16,345	13,543	2,802	49%	0.00%	0.00%	17.14%
2002	3.96	18,068	0	18,068	14,900	3,168	52%	0.00%	0.00%	17.53%
2003	4.03	20,130	0	20,130	17,390	2,739	57%	0.00%	0.00%	13.61%
2004	4.32	22,105	0	22,105	19,293	2,811	58%	0.00%	0.00%	12.72%
2005	4.26	22,825	0	22,825	20,097	2,728	61%	0.00%	0.00%	11.95%
2006	4.95	23,833	0	23,833	21,075	2,757	55%	0.00%	0.00%	11.57%
2007	5.07	24,611	0	24,611	21,716	2,895	55%	0.00%	0.00%	11.76%
2008	5.02	25,396	0	25,396	22,715	2,681	58%	0.00%	0.00%	10.56%
2009	5.54	27,695	0	27,695	25,123	2,572	57%	0.00%	0.00%	9.29%
2010	5.97	30,950	0	30,950	27,990	2,960	59%	0.00%	0.00%	9.56%
2011	6.00	30,218	0	30,218	27,247	2,971	58%	0.00%	0.00%	9.83%
2012	6.07	32,482	0	32,482	29,461	3,021	61%	0.00%	0.00%	9.30%
2013	6.59	35,358	0	35,358	32,185	3,173	61%	0.00%	0.00%	8.97%
2014	7.03	37,765	0	37,765	34,329	3,436	61%	0.00%	0.00%	9.10%
2015	7.72	41,554	0	41,554	37,949	3,605	61%	0.00%	0.00%	8.68%
2016	8.83	47,989	0	47,989	43,639	4,351	62%	0.00%	0.00%	9.07%
2017	10.04	53,637	0	53,637	49,108	4,528	61%	0.00%	0.00%	8.44%
2018	10.57	58,011	0	58,011	53,275	4,735	63%	0.00%	0.00%	8.16%
2019	11.03	63,762	0	63,762	58,159	5,603	66%	0.00%	0.00%	8.79%
2020	14.14	72,054	0	72,054	64,860	7,194	58%	0.00%	0.00%	9.98%
2021	17.32	80,806	0	80,806	72,153	8,653	53%	0.00%	0.00%	10.71%
2022	16.73	84,346	0	84,346	76,034	8,312	58%	0.00%	0.00%	9.85%
2023	18.22	91,887	0	91,887	82,156	9,730	58%	0.00%	0.00%	10.59%
2024	22.87	112,225	8,192	112,225	100,738	11,487	56%	0.00%	0.00%	10.24%

Peak Demand increased from 3.67 MW in 2000 to 22.87 MW in 2024 at a rate of 8.22% due to the increase in demand of residential and commercial customers. MWh Offtake increased from 13,934 MWh in 2000 to 112,225 MWh in 2024 at a rate of 9.20% due to the increase in kWh consumption of residential and commercial customers. Within the same period, Load Factor ranged from 43% to 66%. There was an abrupt change in

consumption from year 2015 to 2021, likely driven by hotter weather or climate conditions. This would cause residential and commercial consumers to use more electricity, leading to an increase in overall demand and consumption. A more recent shift in electricity consumption between 2023 and 2024 is attributed to the influx of commercial establishments, which resulted in an increased MWh Offtake.

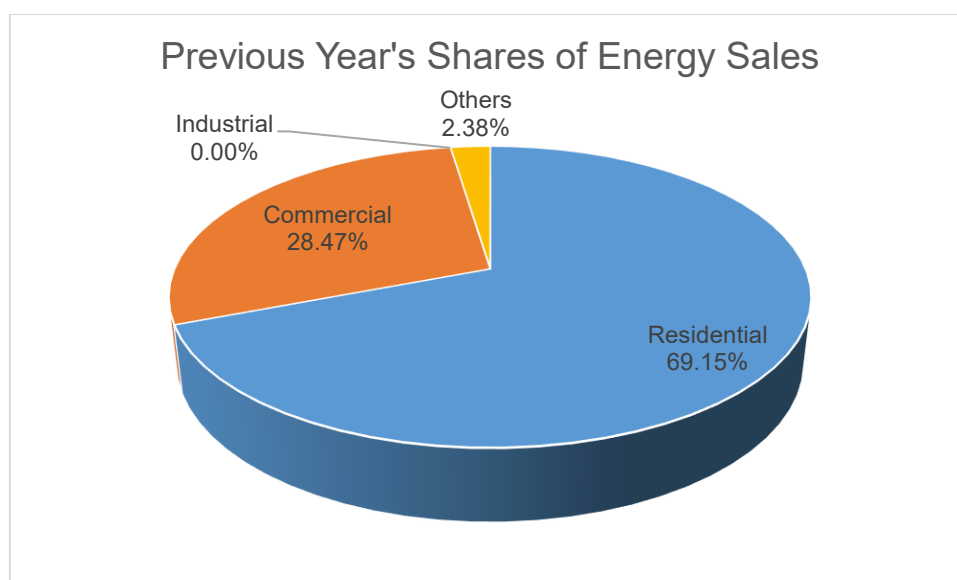


MWh Output increased from year 2000 to year 2024 at an annual average rate of 9.67%, while MWh System Loss decreased at an annual average rate of 6.80% within the same period.

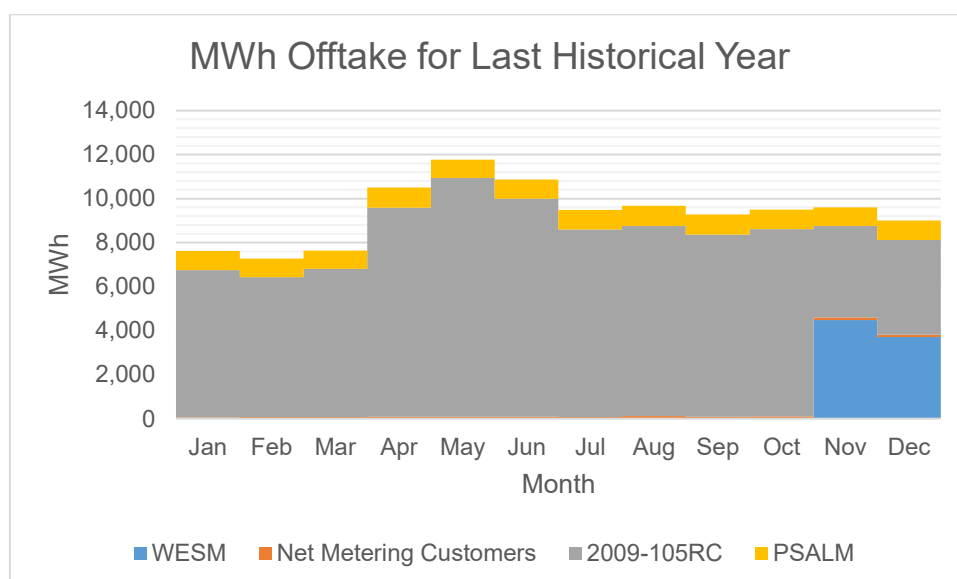


Historically, System Loss ranged from 8.16% to 18.89%.

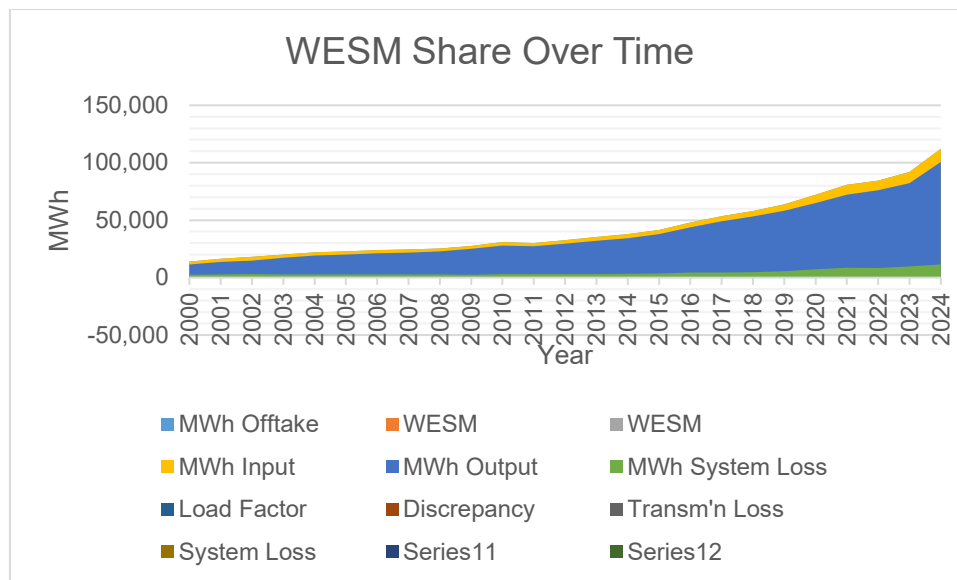
In addition, the MWh Offtake and Input are the same, resulting to zero (0) transmission loss, this is because the metering point/facility is situated inside the PRESCO substation, where in the distance from the tapping point to the said metering facility is approximately 80 meters.



Residential customers account for the bulk of energy sales at 69.15% due to the high number of connections. In contrast, other customers such as street lights, water systems, and public buildings accounted for only 2.38% of energy sales due to the low number of connections.



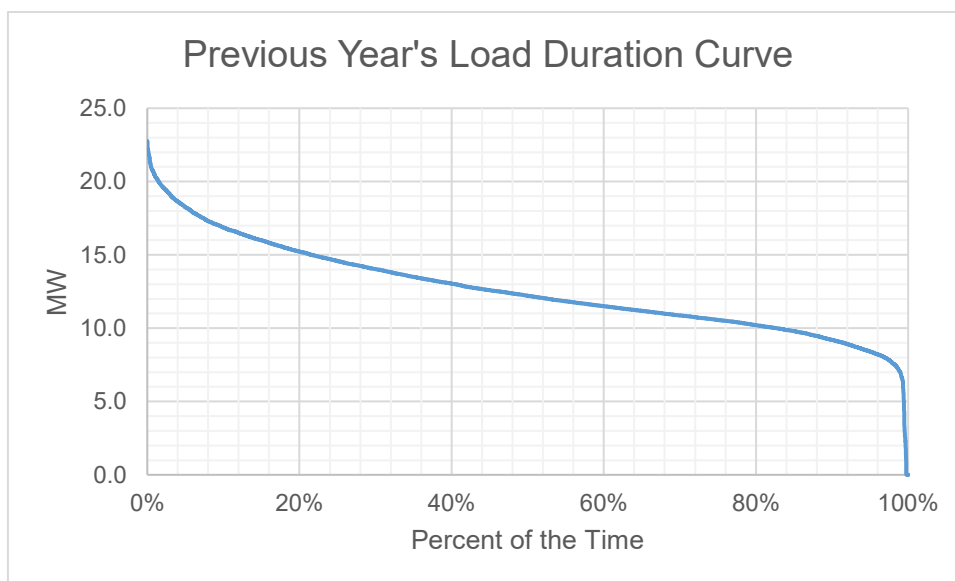
For 2024, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with 2009-105RC accounts for the bulk of MWh Offtake. A smaller portion of the total MWh Offtake is attributed to 208 Net Metering Consumers and PSALM. PRESCO, which acquired its WESM direct membership category on November 2024, has now started to directly source its portion of the MWh Offtake.



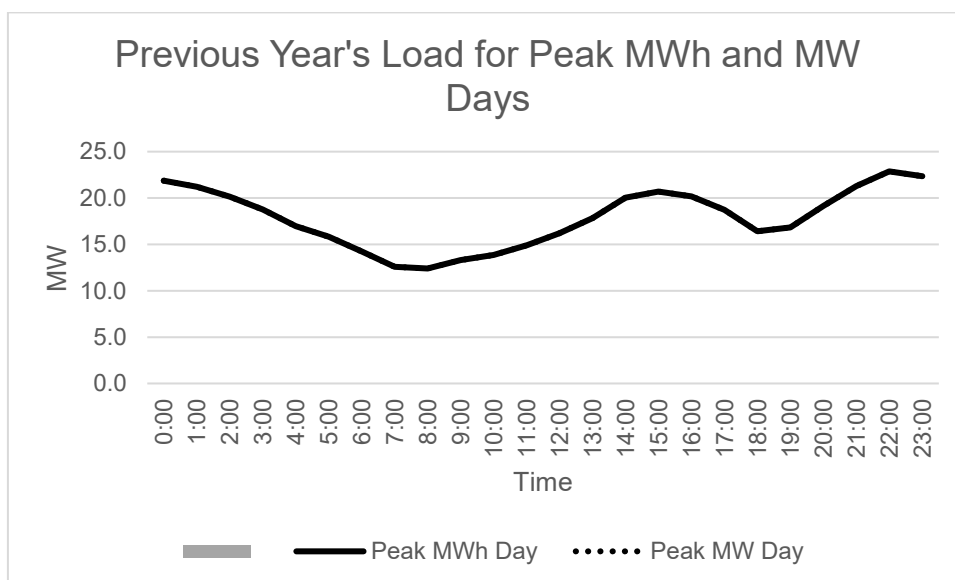
WESM Offtake decreased from 4,486 MWh in November 2024 to 3,706 MWh in December 2024 at a rate of 17.39% due to the colder season, where electricity demand typically drops as people may use less cooling or air conditioning.

The share of WESM in the total Offtake is minimal as PRESCO just only started its direct membership category on November 2024. Likewise, there are still no data on negative net WESM transaction as the available data are only for November 2024 and December 2024.

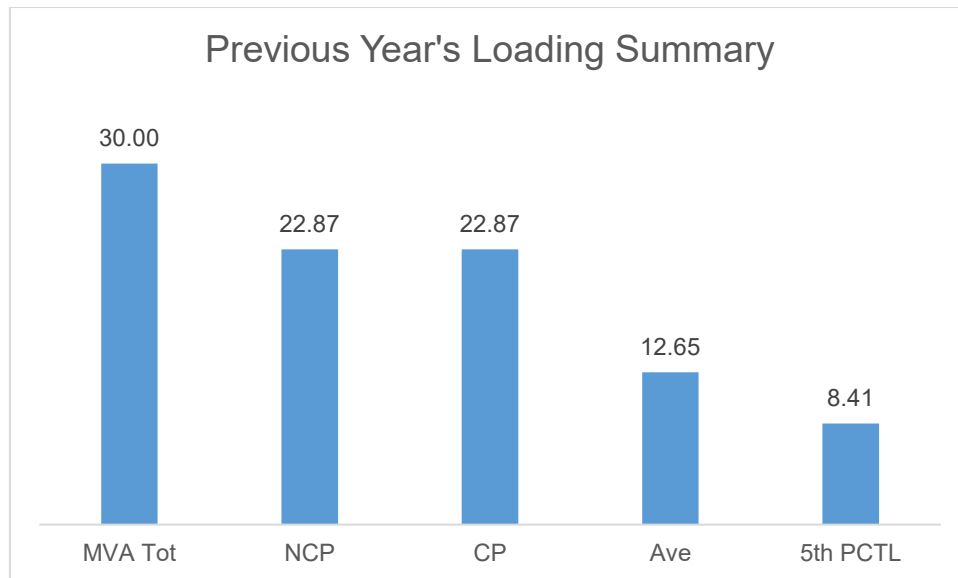
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 8.40 MW and the maximum load is 22.87 MW for the last historical year.



Peak MW occurred on night time at 10:00pm due to the majority of customers class are residential. Similarly, Peak daily MWh occurred on night time at 10:00pm due to the majority customers class are residential. As shown in the Load Curves, the available supply is same as the Peak Demand.



The Non-coincident Peak Demand is 22.87 MW, which is around 77.68% of the total substation capacity of 30 MVA at a power factor of 98.15%. The load factor or the ratio between the Average Load of 12.65 MW and the Non-coincident Peak Demand is 55.31% of. A safe estimate of the true minimum load is the fifth percentile load of 8.41 MW which is 36.77% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Anao Substation	30	22.873

The substation loaded at above 70% is the Anao Substation. This loading problem will be solved by constructing an additional 20MVA substation which is in the proposed filed CAPEX of 2024-2026.

Forecasted Consumption Data

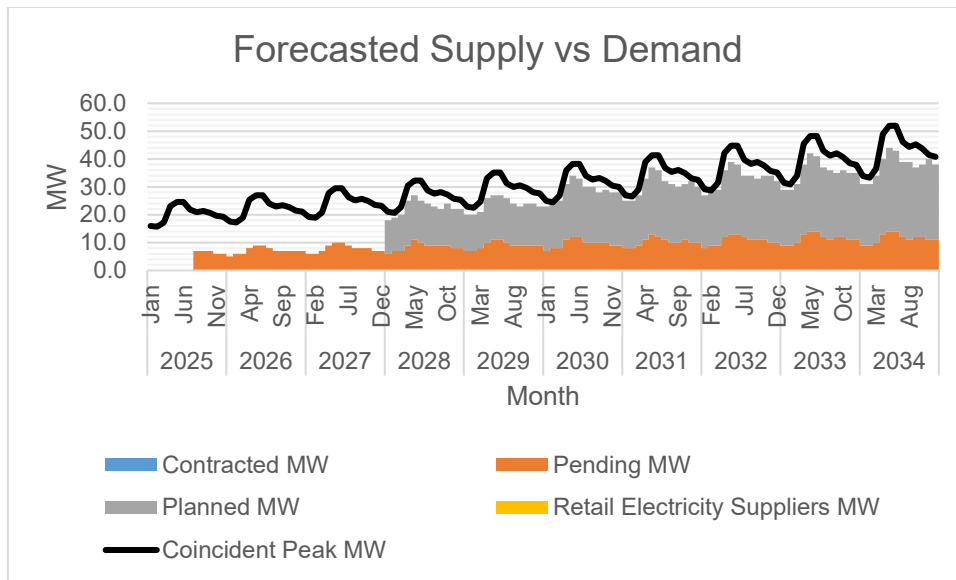
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2025	Jan	15.98	0.00	0.00	0.000		0%	0%	-15.98
	Feb	15.71	0.00	0.00	0.000		0%	0%	-15.71
	Mar	17.25	0.00	0.00	0.000		0%	0%	-17.25
	Apr	23.11	0.00	0.00	0.000		0%	0%	-23.11
	May	24.54	0.00	0.00	0.000		0%	0%	-24.54
	Jun	24.54	0.00	0.00	0.000		0%	0%	-24.54
	Jul	21.82	0.00	0.00	0.000		0%	0%	-21.82
	Aug	20.94	0.00	7.00	0.000		0%	33%	-13.94
	Sep	21.36	0.00	7.00	0.000		0%	33%	-14.36
	Oct	20.67	0.00	7.00	0.000		0%	34%	-13.67
	Nov	19.58	0.00	6.00	0.000		0%	31%	-13.58
	Dec	19.29	0.00	6.00	0.000		0%	31%	-13.29
2026	Jan	17.55	0.00	5.00	0.000		0%	28%	-12.55
	Feb	17.26	0.00	6.00	0.000		0%	35%	-11.26
	Mar	18.95	0.00	6.00	0.000		0%	32%	-12.95
	Apr	25.39	0.00	8.00	0.000		0%	32%	-17.39
	May	26.96	0.00	9.00	0.000		0%	33%	-17.96
	Jun	26.96	0.00	9.00	0.000		0%	33%	-17.96
	Jul	23.97	0.00	8.00	0.000		0%	33%	-15.97
	Aug	23.00	0.00	7.00	0.000		0%	30%	-16.00
	Sep	23.46	0.00	7.00	0.000		0%	30%	-16.46
	Oct	22.71	0.00	7.00	0.000		0%	31%	-15.71
	Nov	21.51	0.00	7.00	0.000		0%	33%	-14.51
	Dec	21.19	0.00	7.00	0.000		0%	33%	-14.19
2027	Jan	19.23	0.00	6.00	0.000		0%	31%	-13.23
	Feb	18.91	0.00	6.00	0.000		0%	32%	-12.91
	Mar	20.77	0.00	7.00	0.000		0%	34%	-13.77
	Apr	27.81	0.00	9.00	0.000		0%	32%	-18.81

	May	29.54	0.00	10.00	0.000		0%	34%	-19.54
	Jun	29.54	0.00	10.00	0.000		0%	34%	-19.54
	Jul	26.26	0.00	9.00	0.000		0%	34%	-17.26
	Aug	25.20	0.00	8.00	0.000		0%	32%	-17.20
	Sep	25.71	0.00	8.00	0.000		0%	31%	-17.71
	Oct	24.88	0.00	8.00	0.000		0%	32%	-16.88
	Nov	23.57	0.00	7.00	0.000		0%	30%	-16.57
	Dec	23.21	0.00	7.00	0.000		0%	30%	-16.21
2028	Jan	21.01	0.00	6.00	12.000		0%	86%	-3.01
	Feb	20.66	0.00	7.00	12.000		0%	92%	-1.66
	Mar	22.69	0.00	7.00	12.982		0%	88%	-2.71
	Apr	30.39	0.00	9.00	16.000		0%	82%	-5.39
	May	32.27	0.00	11.00	16.000		0%	84%	-5.27
	Jun	32.27	0.00	10.00	15.000		0%	77%	-7.27
	Jul	28.69	0.00	9.00	15.000		0%	84%	-4.69
	Aug	27.53	0.00	9.00	14.027		0%	84%	-4.51
	Sep	28.09	0.00	9.00	13.000		0%	78%	-6.09
	Oct	27.18	0.00	9.00	15.000		0%	88%	-3.18
	Nov	25.75	0.00	8.00	14.000		0%	85%	-3.75
	Dec	25.36	0.00	8.00	14.000		0%	87%	-3.36
2029	Jan	22.89	0.00	7.00	13.000		0%	87%	-2.89
	Feb	22.51	0.00	7.00	13.000		0%	89%	-2.51
	Mar	24.72	0.00	8.00	13.000		0%	85%	-3.72
	Apr	33.11	0.00	10.00	16.000		0%	79%	-7.11
	May	35.16	0.00	11.00	16.000		0%	77%	-8.16
	Jun	35.16	0.00	11.00	16.000		0%	77%	-8.16
	Jul	31.26	0.00	10.00	16.000		0%	83%	-5.26
	Aug	30.00	0.00	9.00	15.000		0%	80%	-6.00
	Sep	30.60	0.00	9.00	14.000		0%	75%	-7.60
	Oct	29.62	0.00	9.00	15.000		0%	81%	-5.62
	Nov	28.06	0.00	9.00	15.000		0%	86%	-4.06
	Dec	27.63	0.00	9.00	14.000		0%	83%	-4.63
2030	Jan	24.88	0.00	7.00	16.000		0%	92%	-1.88

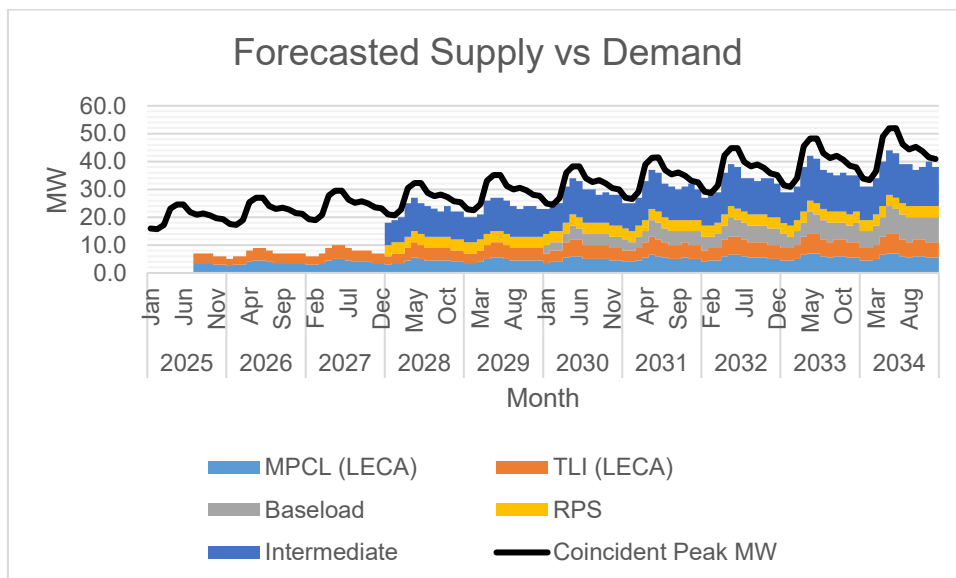
	Feb	24.46	0.00	8.00	16.000		0%	98%	-0.46
	Mar	26.86	0.00	8.00	17.000		0%	93%	-1.86
	Apr	35.98	0.00	11.00	20.000		0%	86%	-4.98
	May	38.21	0.00	12.00	22.000		0%	89%	-4.21
	Jun	38.21	0.00	12.00	20.967		0%	86%	-5.24
	Jul	33.97	0.00	10.00	20.000		0%	88%	-3.97
	Aug	32.60	0.00	10.00	20.000		0%	92%	-2.60
	Sep	33.25	0.00	10.00	18.000		0%	84%	-5.25
	Oct	32.19	0.00	10.00	19.000		0%	90%	-3.19
	Nov	30.49	0.00	9.00	19.000		0%	92%	-2.49
	Dec	30.03	0.00	9.00	19.041		0%	93%	-1.98
2031	Jan	26.97	0.00	8.00	17.000		0%	93%	-1.97
	Feb	26.51	0.00	8.00	17.000		0%	94%	-1.51
	Mar	29.12	0.00	9.00	18.000		0%	93%	-2.12
	Apr	38.99	0.00	11.00	22.000		0%	85%	-5.99
	May	41.41	0.00	13.00	24.000		0%	89%	-4.41
	Jun	41.42	0.00	12.00	24.000		0%	87%	-5.42
	Jul	36.82	0.00	11.00	21.000		0%	87%	-4.82
	Aug	35.33	0.00	10.00	21.000		0%	88%	-4.33
	Sep	36.04	0.00	10.00	20.000		0%	83%	-6.04
	Oct	34.89	0.00	11.00	20.000		0%	89%	-3.89
	Nov	33.05	0.00	10.00	22.000		0%	97%	-1.05
	Dec	32.54	0.00	10.00	20.000		0%	92%	-2.54
2032	Jan	29.15	0.00	8.00	19.000		0%	93%	-2.15
	Feb	28.66	0.00	9.00	19.000		0%	98%	-0.66
	Mar	31.48	0.00	9.00	20.000		0%	92%	-2.48
	Apr	42.16	0.00	12.00	24.000		0%	85%	-6.16
	May	44.77	0.00	13.00	26.000		0%	87%	-5.77
	Jun	44.78	0.00	13.00	25.040		0%	85%	-6.74
	Jul	39.81	0.00	12.00	22.000		0%	85%	-5.81
	Aug	38.20	0.00	11.00	23.000		0%	89%	-4.20
	Sep	38.97	0.00	11.00	22.000		0%	85%	-5.97
	Oct	37.72	0.00	11.00	23.000		0%	90%	-3.72

	Nov	35.73	0.00	10.00	24.000		0%	95%	-1.73
	Dec	35.19	0.00	10.00	22.000		0%	91%	-3.19
2033	Jan	31.45	0.00	9.00	19.964		0%	92%	-2.48
	Feb	30.91	0.00	9.00	20.000		0%	94%	-1.91
	Mar	33.95	0.00	10.00	21.000		0%	91%	-2.95
	Apr	45.47	0.00	13.00	25.000		0%	84%	-7.47
	May	48.29	0.00	14.00	28.000		0%	87%	-6.29
	Jun	48.30	0.00	14.00	27.000		0%	85%	-7.30
	Jul	42.93	0.00	12.00	25.000		0%	86%	-5.93
	Aug	41.20	0.00	11.00	25.000		0%	87%	-5.20
	Sep	42.03	0.00	12.00	23.000		0%	83%	-7.03
	Oct	40.68	0.00	12.00	24.000		0%	88%	-4.68
	Nov	38.54	0.00	11.00	24.000		0%	91%	-3.54
	Dec	37.95	0.00	11.00	24.000		0%	92%	-2.95
2034	Jan	33.84	0.00	9.00	22.000		0%	92%	-2.84
	Feb	33.27	0.00	9.00	22.000		0%	93%	-2.27
	Mar	36.54	0.00	10.00	24.000		0%	93%	-2.54
	Apr	48.93	0.00	13.00	27.000		0%	82%	-8.93
	May	51.97	0.00	14.00	30.000		0%	85%	-7.97
	Jun	51.97	0.00	14.00	29.000		0%	83%	-8.97
	Jul	46.20	0.00	12.00	27.000		0%	84%	-7.20
	Aug	44.34	0.00	11.00	28.000		0%	88%	-5.34
	Sep	45.23	0.00	12.00	25.000		0%	82%	-8.23
	Oct	43.78	0.00	12.00	26.000		0%	87%	-5.78
	Nov	41.47	0.00	11.00	29.000		0%	96%	-1.47
	Dec	40.84	0.00	11.00	27.000		0%	93%	-2.84

The Peak Demand was forecasted using Quadratic with Horizon satisfying NEA forecasting model number 10 and was assumed to occur on the mid-month of every year due to the summer season. Monthly Peak Demand is at its lowest on the month of February due to effect of cold season. In general, Peak Demand is expected to grow at an average rate of 8.70% annually.

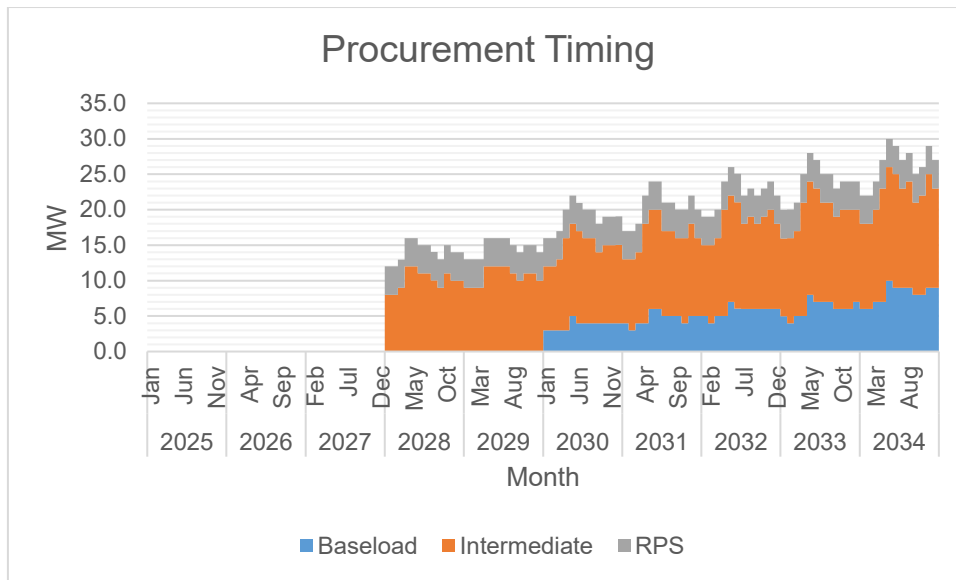


The available supply is generally below the Peak Demand. This is because of recently expired PSA which results in un-availability of Supply.



Of the available supply, the largest is 7 MW from MPCL (LECA). This is followed by 7 MW from TLI (LECA).

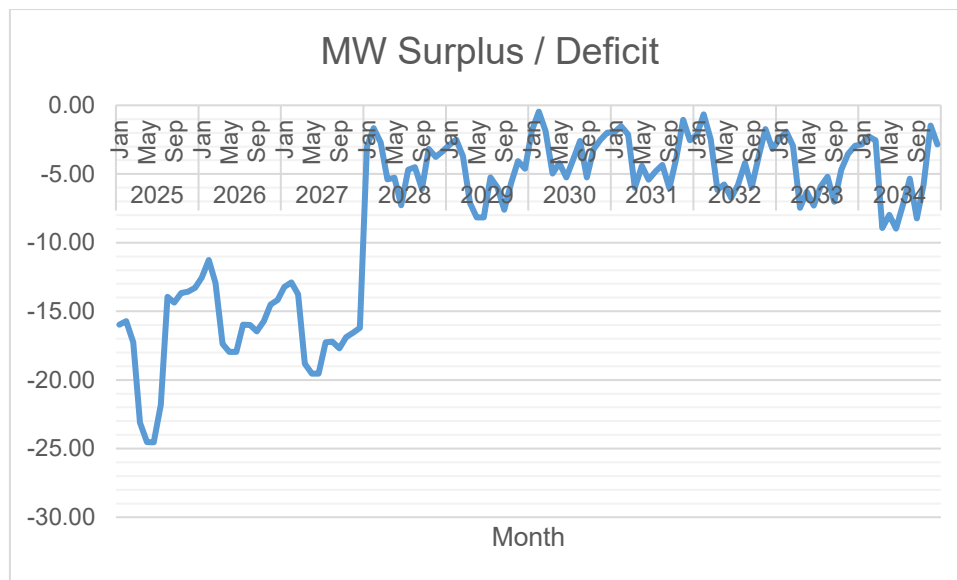
In terms of MWh, the planned Baseload has an annual minimum and maximum Energy Offtake of 32,831 MWh and 70,800 MWh, respectively. The planned Intermediate has an annual minimum and maximum MWh Offtake of 35,417 and 49,958 respectively. While for the RPS supply, the minimum and maximum MWh Energy are the same which is at 10,647 MWh.



The first wave of supply procurement will be for 5 to 8 MW Baseload LECA planned to be available by the month of August 2025. This will be followed by 3 to 10 MW for planned Baseload, 8 to 16 MW for planned Intermediate, 4 MW for RPS Compliance.



Currently, there is no existing power supply contract on PRESCO. The highest target contracting level is at 98% which is expected to occur on February 2030. The lowest target contracting level is at 75% which is expected to occur on September 2029.



Currently, there is under-contacting by 24.54 MW. The highest deficit is 8.97 MW which is expected to occur on the month of June 2034. The lowest deficit is 0.46 MW which is expected to occur on the month of February 2030.

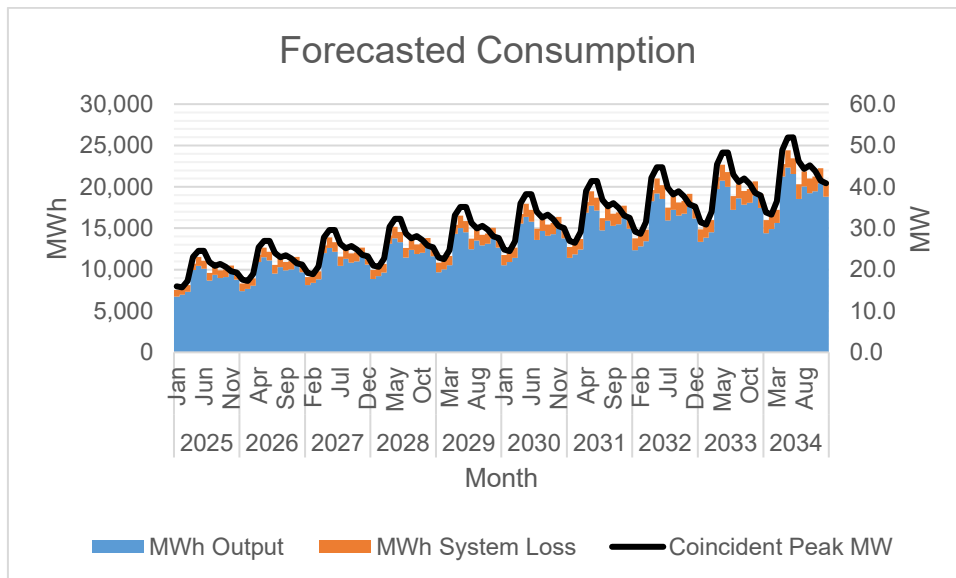
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	7,567	6,729	839	0.00%	11.08%
	Feb	7,817	6,980	837	0.00%	10.70%
	Mar	8,137	7,309	828	0.00%	10.18%
	Apr	10,735	9,941	794	0.00%	7.39%
	May	11,532	10,450	1,082	0.00%	9.38%
	Jun	11,071	10,088	983	0.00%	8.88%
	Jul	9,605	8,675	930	0.00%	9.68%
	Aug	10,338	9,376	962	0.00%	9.31%
	Sep	9,925	8,995	929	0.00%	9.36%
	Oct	10,033	9,114	918	0.00%	9.15%
	Nov	10,508	9,559	950	0.00%	9.04%
	Dec	9,752	8,804	948	0.00%	9.73%
2026	Jan	8,312	7,400	911	0.00%	10.97%
	Feb	8,586	7,677	909	0.00%	10.59%
	Mar	8,938	8,038	900	0.00%	10.07%
	Apr	11,796	10,934	863	0.00%	7.31%
	May	12,669	11,493	1,176	0.00%	9.28%
	Jun	12,164	11,095	1,068	0.00%	8.78%
	Jul	10,552	9,541	1,011	0.00%	9.58%
	Aug	11,357	10,312	1,046	0.00%	9.21%
	Sep	10,903	9,893	1,010	0.00%	9.26%
	Oct	11,022	10,024	998	0.00%	9.06%
	Nov	11,545	10,513	1,032	0.00%	8.94%
	Dec	10,713	9,682	1,031	0.00%	9.62%
2027	Jan	9,104	8,116	988	0.00%	10.85%
	Feb	9,405	8,420	986	0.00%	10.48%
	Mar	9,791	8,816	975	0.00%	9.96%
	Apr	12,926	11,991	935	0.00%	7.23%

	May	13,879	12,604	1,275	0.00%	9.19%
	Jun	13,326	12,168	1,158	0.00%	8.69%
	Jul	11,560	10,464	1,096	0.00%	9.48%
	Aug	12,443	11,309	1,133	0.00%	9.11%
	Sep	11,945	10,850	1,094	0.00%	9.16%
	Oct	12,076	10,994	1,082	0.00%	8.96%
	Nov	12,648	11,530	1,119	0.00%	8.84%
	Dec	11,736	10,619	1,117	0.00%	9.52%
2028	Jan	9,944	8,877	1,067	0.00%	10.73%
	Feb	10,274	9,209	1,065	0.00%	10.37%
	Mar	10,696	9,642	1,054	0.00%	9.86%
	Apr	14,125	13,115	1,010	0.00%	7.15%
	May	15,163	13,785	1,378	0.00%	9.09%
	Jun	14,560	13,309	1,251	0.00%	8.59%
	Jul	12,629	11,445	1,184	0.00%	9.37%
	Aug	13,594	12,369	1,225	0.00%	9.01%
	Sep	13,050	11,867	1,183	0.00%	9.06%
	Oct	13,193	12,024	1,169	0.00%	8.86%
	Nov	13,819	12,610	1,209	0.00%	8.75%
	Dec	12,821	11,614	1,207	0.00%	9.42%
2029	Jan	10,832	9,682	1,150	0.00%	10.62%
	Feb	11,192	10,044	1,148	0.00%	10.25%
	Mar	11,652	10,516	1,136	0.00%	9.75%
	Apr	15,393	14,305	1,089	0.00%	7.07%
	May	16,520	15,036	1,484	0.00%	8.99%
	Jun	15,864	14,516	1,348	0.00%	8.50%
	Jul	13,759	12,483	1,276	0.00%	9.27%
	Aug	14,811	13,491	1,320	0.00%	8.91%
	Sep	14,218	12,943	1,274	0.00%	8.96%
	Oct	14,374	13,115	1,260	0.00%	8.76%
	Nov	15,056	13,754	1,303	0.00%	8.65%
	Dec	13,968	12,667	1,301	0.00%	9.31%
2030	Jan	11,768	10,532	1,236	0.00%	10.50%
	Feb	12,159	10,926	1,233	0.00%	10.14%
	Mar	12,660	11,440	1,220	0.00%	9.64%
	Apr	16,730	15,560	1,170	0.00%	6.99%
	May	17,951	16,356	1,595	0.00%	8.89%
	Jun	17,239	15,790	1,449	0.00%	8.40%
	Jul	14,950	13,579	1,371	0.00%	9.17%
	Aug	16,093	14,676	1,418	0.00%	8.81%
	Sep	15,449	14,080	1,369	0.00%	8.86%
	Oct	15,619	14,266	1,353	0.00%	8.67%
	Nov	16,361	14,961	1,400	0.00%	8.56%
	Dec	15,177	13,779	1,398	0.00%	9.21%
2031	Jan	12,751	11,427	1,324	0.00%	10.39%
	Feb	13,176	11,854	1,321	0.00%	10.03%
	Mar	13,720	12,412	1,308	0.00%	9.53%
	Apr	18,136	16,883	1,254	0.00%	6.91%
	May	19,455	17,746	1,709	0.00%	8.79%

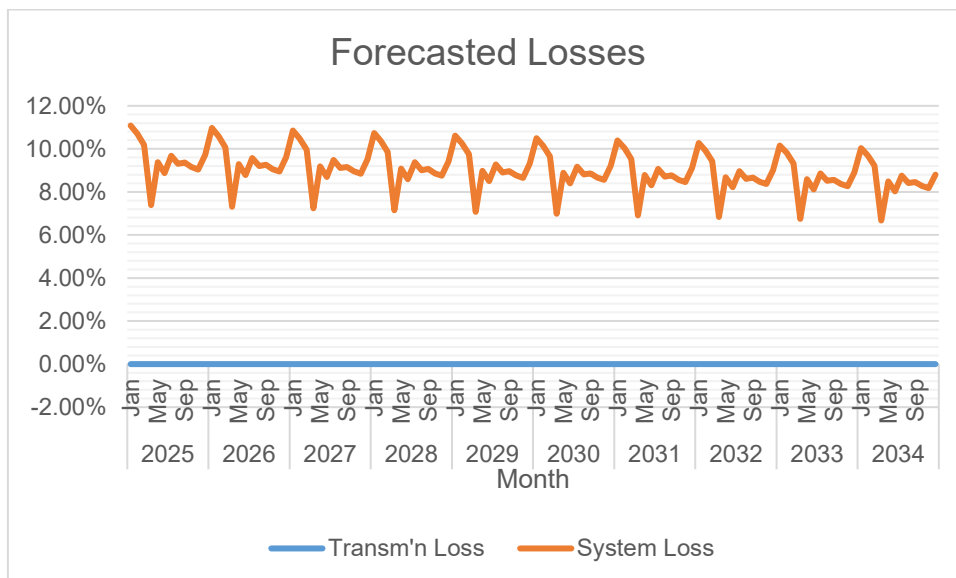
	Jun	18,685	17,132	1,553	0.00%	8.31%
	Jul	16,202	14,733	1,469	0.00%	9.07%
	Aug	17,442	15,923	1,519	0.00%	8.71%
	Sep	16,744	15,276	1,467	0.00%	8.76%
	Oct	16,929	15,478	1,450	0.00%	8.57%
	Nov	17,733	16,233	1,500	0.00%	8.46%
	Dec	16,448	14,950	1,498	0.00%	9.11%
2032	Jan	13,782	12,367	1,415	0.00%	10.27%
	Feb	14,242	12,829	1,412	0.00%	9.92%
	Mar	14,831	13,433	1,398	0.00%	9.43%
	Apr	19,611	18,272	1,340	0.00%	6.83%
	May	21,033	19,206	1,827	0.00%	8.69%
	Jun	20,201	18,541	1,659	0.00%	8.21%
	Jul	17,515	15,945	1,570	0.00%	8.96%
	Aug	18,857	17,233	1,624	0.00%	8.61%
	Sep	18,101	16,533	1,568	0.00%	8.66%
	Oct	18,302	16,752	1,550	0.00%	8.47%
	Nov	19,171	17,568	1,603	0.00%	8.36%
	Dec	17,781	16,180	1,601	0.00%	9.00%
2033	Jan	14,861	13,352	1,509	0.00%	10.15%
	Feb	15,357	13,852	1,506	0.00%	9.80%
	Mar	15,993	14,503	1,490	0.00%	9.32%
	Apr	21,156	19,727	1,428	0.00%	6.75%
	May	22,684	20,736	1,948	0.00%	8.59%
	Jun	21,788	20,019	1,769	0.00%	8.12%
	Jul	18,889	17,215	1,674	0.00%	8.86%
	Aug	20,337	18,606	1,731	0.00%	8.51%
	Sep	19,522	17,850	1,672	0.00%	8.56%
	Oct	19,739	18,086	1,653	0.00%	8.37%
	Nov	20,677	18,968	1,709	0.00%	8.27%
	Dec	19,176	17,470	1,707	0.00%	8.90%
2034	Jan	15,988	14,383	1,605	0.00%	10.04%
	Feb	16,522	14,921	1,601	0.00%	9.69%
	Mar	17,208	15,623	1,585	0.00%	9.21%
	Apr	22,769	21,250	1,519	0.00%	6.67%
	May	24,408	22,337	2,071	0.00%	8.49%
	Jun	23,446	21,564	1,881	0.00%	8.02%
	Jul	20,324	18,544	1,780	0.00%	8.76%
	Aug	21,883	20,042	1,841	0.00%	8.41%
	Sep	21,006	19,228	1,778	0.00%	8.46%
	Oct	21,240	19,483	1,758	0.00%	8.27%
	Nov	22,250	20,432	1,818	0.00%	8.17%
	Dec	20,633	18,818	1,815	0.00%	8.80%

MWh Offtake was forecasted using Cubic with Horizon satisfying NEA forecasting model number 10. The assumed load factor is at 65%.

System Loss was calculated through a Load Flow Study conducted on the distribution network by PRESCO using Geographic Information System (GIS) mapping and Synergi Electric 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 8.81% annually.



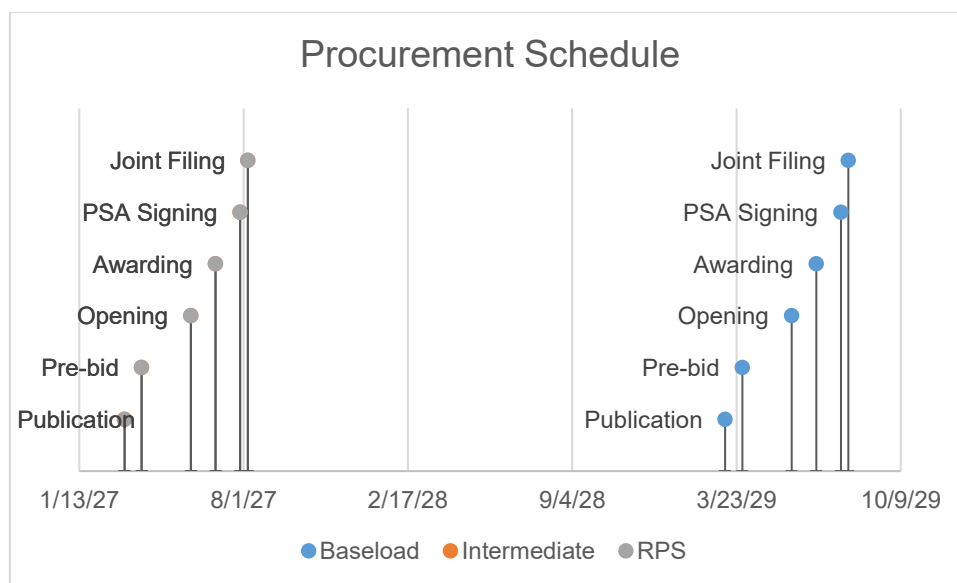
Transmission Loss is expected to remain at 0%, this is because the metering point/facility is situated inside the PRESCO substation, where in the distance from the tapping point to the said metering facility is approximately 80 meters. While the System Loss is expected to range from 6.67% to 11.08%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
MPCL (LECA)	Base	Masinloc Power Partners Company, Ltd.	2.50	31,403	7/26/2025	12/25/2039
TLI (LECA)	Base	Therma Luzon, Inc.	2.50	31,403	7/26/2025	12/25/2039

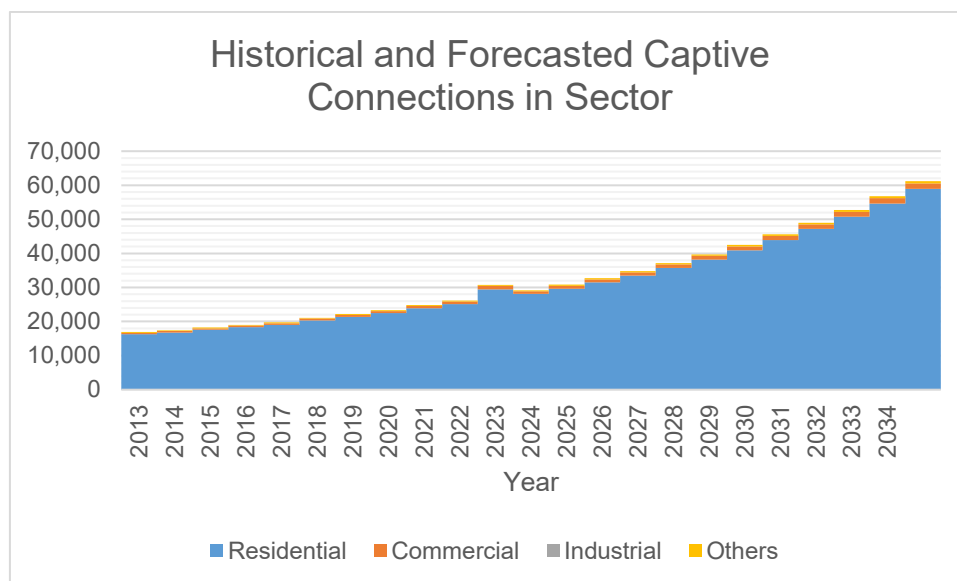
Currently, there is ongoing pending PSA negotiation with MPCL and TLI for PSA signing and of ERC joint filling. MPCL and TLI were selected to provide for the minimum 2.5MW and a maximum of 7MW Baseload demand requirements of PRESCO as an outcome of the recently concluded LECA CSP process.

	Baseload	Intermediate	RPS
Type	Base	Intermediate	Base
Minimum MW	3.00	8.00	4.00
Maximum MW	10.00	16.00	4.00
Minimum MWh/yr	32,831	35,417	10,647
Maximum MWh/yr	70,800	49,958	10,647
PSA Start	12/26/2029	12/26/2027	12/26/2027
PSA End	12/25/2040	12/25/2040	12/25/2040
Publication	3/9/2029	3/9/2027	3/9/2027
Pre-bid	3/30/2029	3/30/2027	3/30/2027
Opening	5/29/2029	5/29/2027	5/29/2027
Awarding	6/28/2029	6/28/2027	6/28/2027
PSA Signing	7/28/2029	7/28/2027	7/28/2027
Joint Filing	8/6/2029	8/6/2027	8/6/2027



For the procurement of Base minimum and maximum MWh offtake annually of 32,831 and 70,800 respectively is planned to be available on January 2030, the first publication or launch of CSP will be on March 09, 2029. For the Intermediate minimum and maximum MWh offtake annually of 35,417 and 49,958 respectively and for RPS minimum and maximum MWh of 10,647 is planned to be available on January 2028, the first publication or launch of CSP will be on March 09, 2027. Joint filing is planned on September 06, 2029 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 6.56% annually. Said customer class is expected to account for 69.29% of the total consumption.