



Power Supply Procurement Plan 2024

GRID
(MAINLAND)

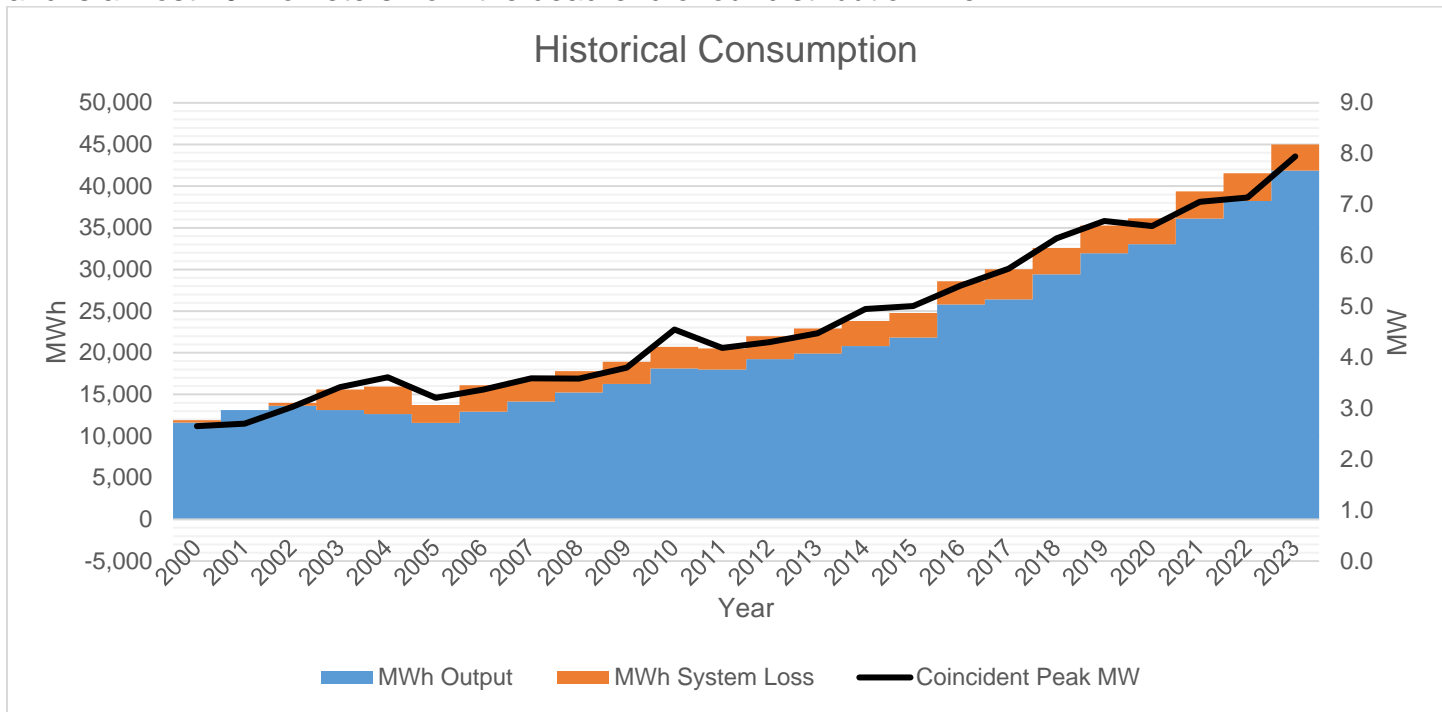
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	2.65	11,907	0	11,907	11,620	287	51%	0.00%	0.00%	2.41%
2001	2.70	13,093	0	13,093	13,122	-29	55%	0.00%	0.00%	-0.22%
2002	3.03	13,991	0	13,991	13,653	338	53%	0.00%	0.00%	2.41%
2003	3.42	15,677	0	15,577	13,112	2,465	52%	0.00%	0.64%	15.82%
2004	3.61	15,549	0	15,958	12,634	3,324	50%	0.00%	-2.63%	20.83%
2005	3.21	13,738	0	13,738	11,584	2,154	49%	0.00%	0.00%	15.68%
2006	3.37	15,800	0	16,113	12,946	3,167	55%	0.00%	-1.98%	19.66%
2007	3.59	16,656	0	16,656	14,142	2,514	53%	0.00%	0.00%	15.09%
2008	3.58	17,813	0	17,813	15,228	2,585	57%	0.00%	0.00%	14.51%
2009	3.80	18,918	0	18,918	16,277	2,641	57%	0.00%	0.00%	13.96%
2010	4.55	20,711	0	20,711	18,131	2,579	52%	0.00%	0.00%	12.45%
2011	4.19	20,374	245	20,523	17,993	2,530	56%	0.00%	-0.73%	12.33%
2012	4.30	22,164	1,434	21,976	19,227	2,749	58%	0.00%	0.85%	12.51%
2013	4.47	23,228	1,732	22,920	19,911	3,009	58%	0.00%	1.33%	13.13%
2014	4.95	22,414	1,883	23,801	20,797	3,004	55%	0.00%	-6.19%	12.62%
2015	5.01	23,605	1,771	24,791	21,816	2,975	57%	0.00%	-5.03%	12.00%
2016	5.41	29,214	3,607	28,583	25,788	2,794	60%	0.00%	2.16%	9.78%
2017	5.74	30,402	6,637	30,038	26,422	3,616	60%	0.00%	1.20%	12.04%
2018	6.34	33,030	10,349	32,592	29,411	3,182	59%	0.00%	1.33%	9.76%
2019	6.68	35,633	12,426	35,282	31,959	3,324	60%	0.00%	0.99%	9.42%
2020	6.58	36,649	9,722	36,148	33,039	3,109	63%	0.00%	1.37%	8.60%
2021	7.06	39,985	9,178	39,371	36,093	3,278	64%	0.00%	1.54%	8.33%
2022	7.14	42,337	6,759	41,558	38,231	3,332	66%	0.01%	1.84%	8.02%
2023	7.95	45,808	12,098	44,982	41,880	3,112	65%	0.02%	1.80%	6.92%

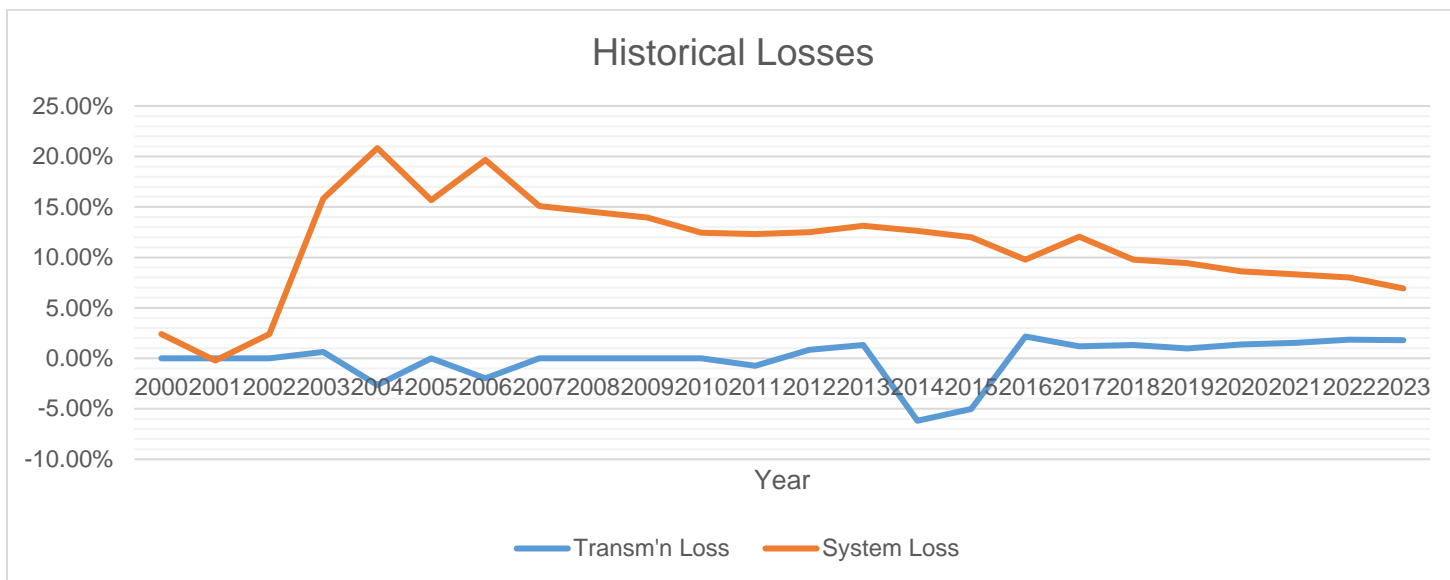
Peak Demand increased from 5.74 MW in 2017 to 6.34 MW in 2018 at a rate of 10% due to big loads such as Jollibee and Mang Inasal. Within the same period, MWh Offtake also increased at a rate of 8.64%. Peak Demand decreased from 6.68 MW in 2019 to 6.58 MW in 2020 due to the effect of COVID-19 pandemic.

MW Demand and MWh Offtake increased from the year 2022 to 2023. Commercial establishments are being allowed by the Local Government to operate after the COVID-19 pandemic. Also, the number of beach resorts started to increase and operate during this year 2023.

QUEZELCO II has Sale for Resale as Buyer started on August 2021. We are purchasing energy from FLECO for our consumers in Sitio Camagong, Brgy. Bagong Silang, Real, Quezon and Sitio Little Baguio, Brgy. Magsaysay, Infanta, Quezon. These sitios are in the boundary of Quezon and Laguna and is almost 20 kilometers from the dead-end of our distribution line.

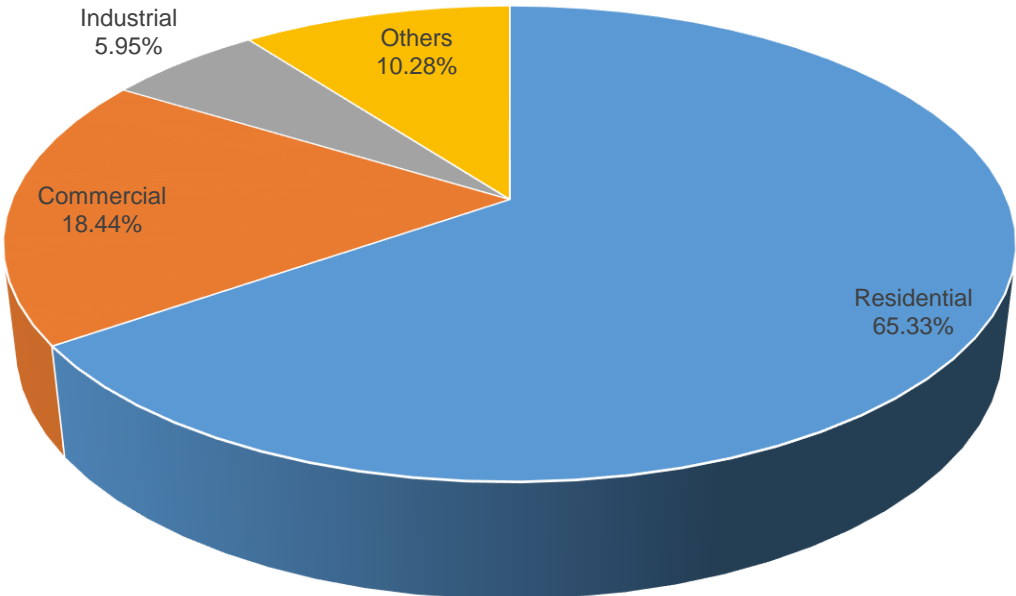


MWh Output increased from year 2022 to year 2023 at a rate of 9.57%, while MWh System Loss decreased at a rate of 6.62% within the same period.



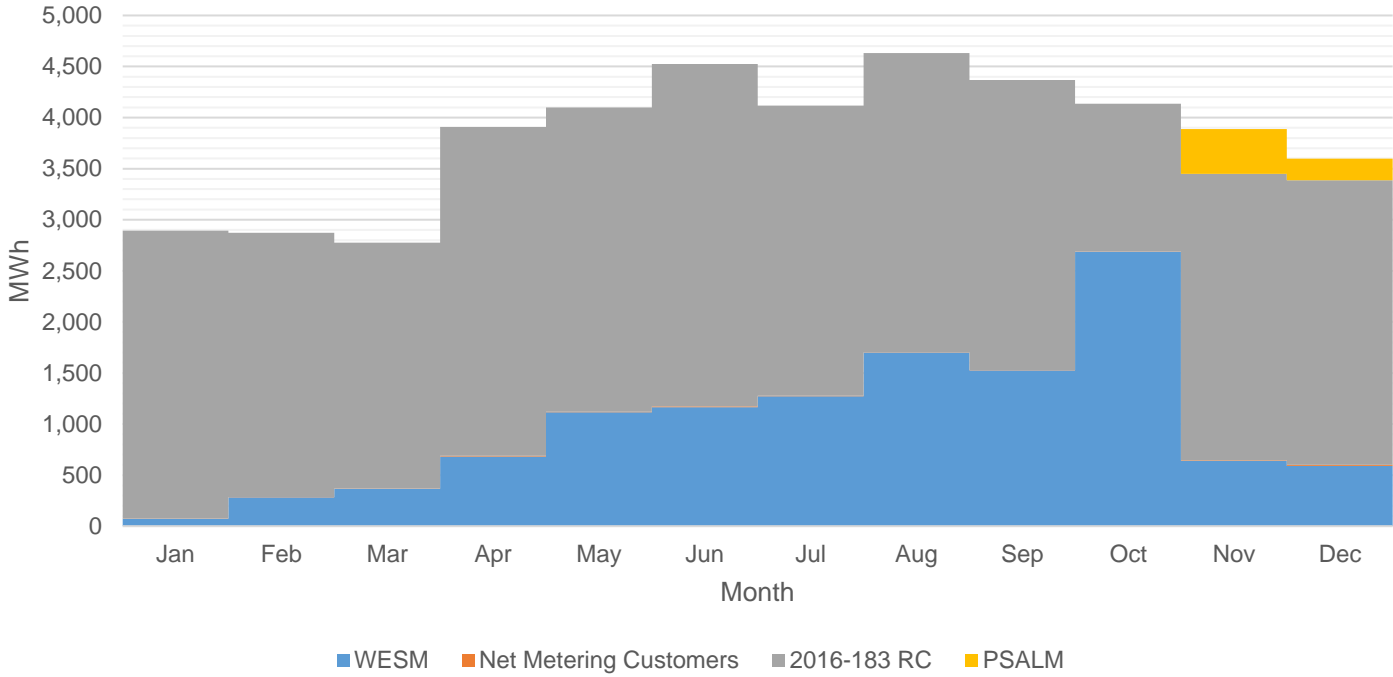
Historically, Transmission Loss has an average of 1.30% while System Loss ranged from 6.89% to 20.83%. System Loss peaked at 20.83% on year 2004 because of typhoon Winnie that destroyed electric distribution lines which resulted to loss of power for almost two (2) months.

Previous Year's Shares of Energy Sales

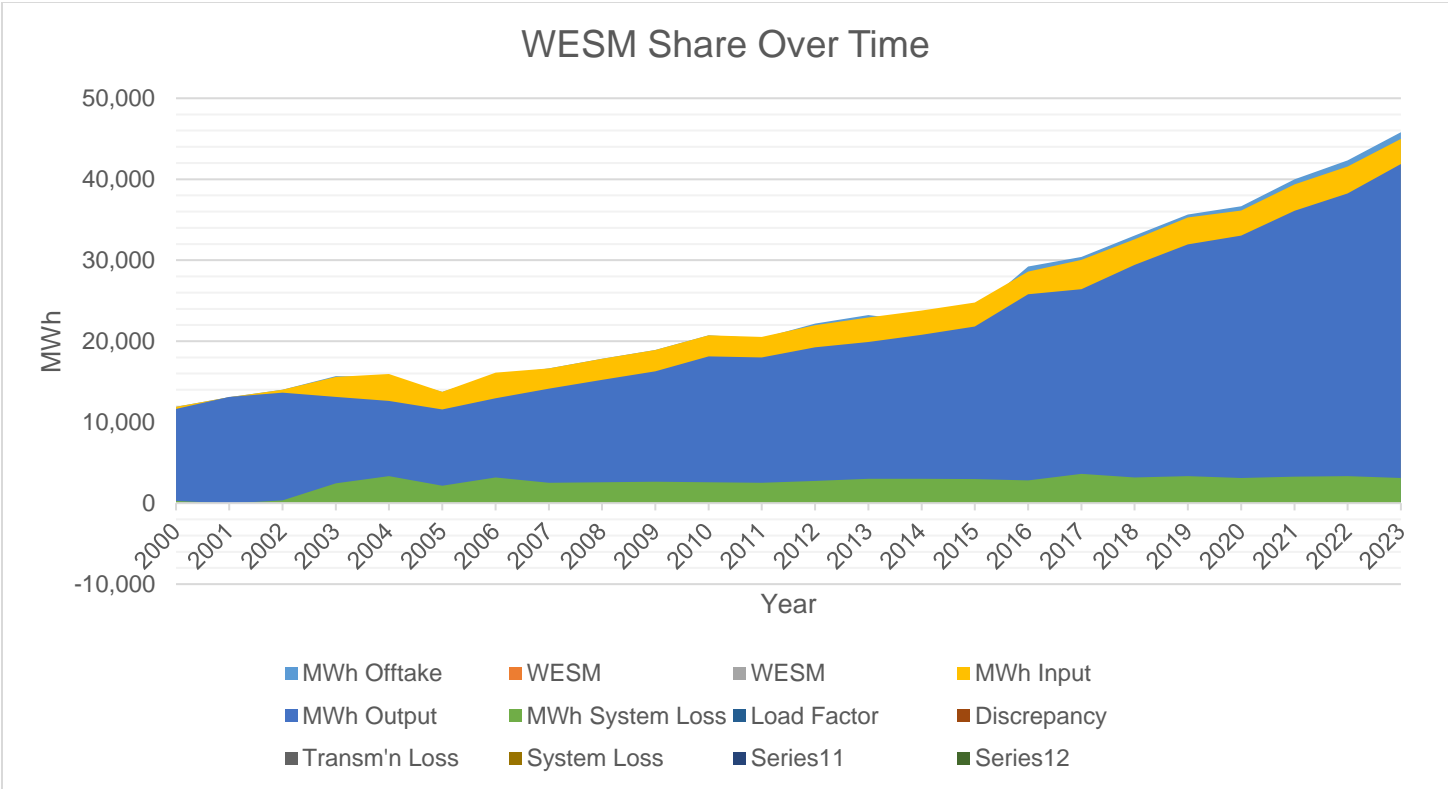


Residential customers account for the bulk of energy sales at 65.33% due to the high number of connections. In contrast, Industrial customers accounted for only 5.95% of energy sales due to the low number of connections.

MWh Offtake for Last Historical Year

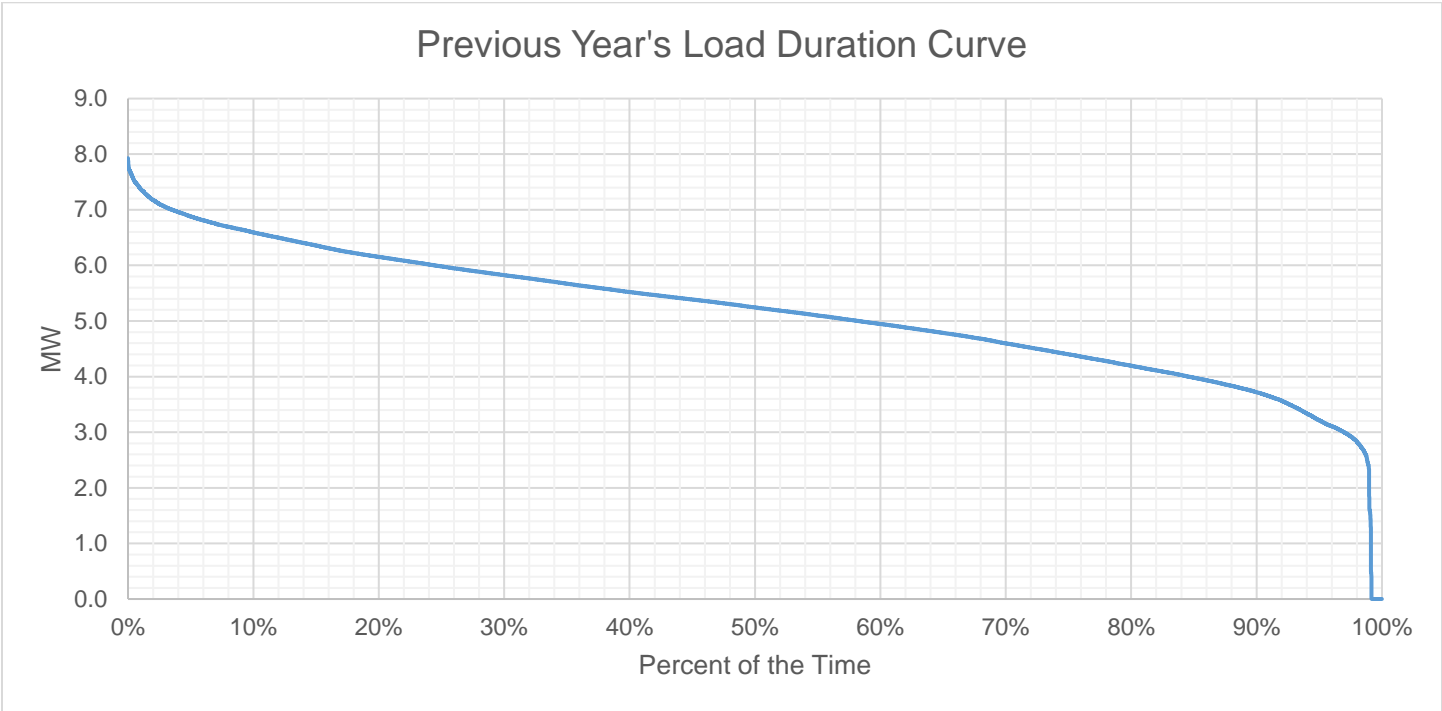


The total Offtake for the last historical year is higher than the quantity stipulated in the PSA.



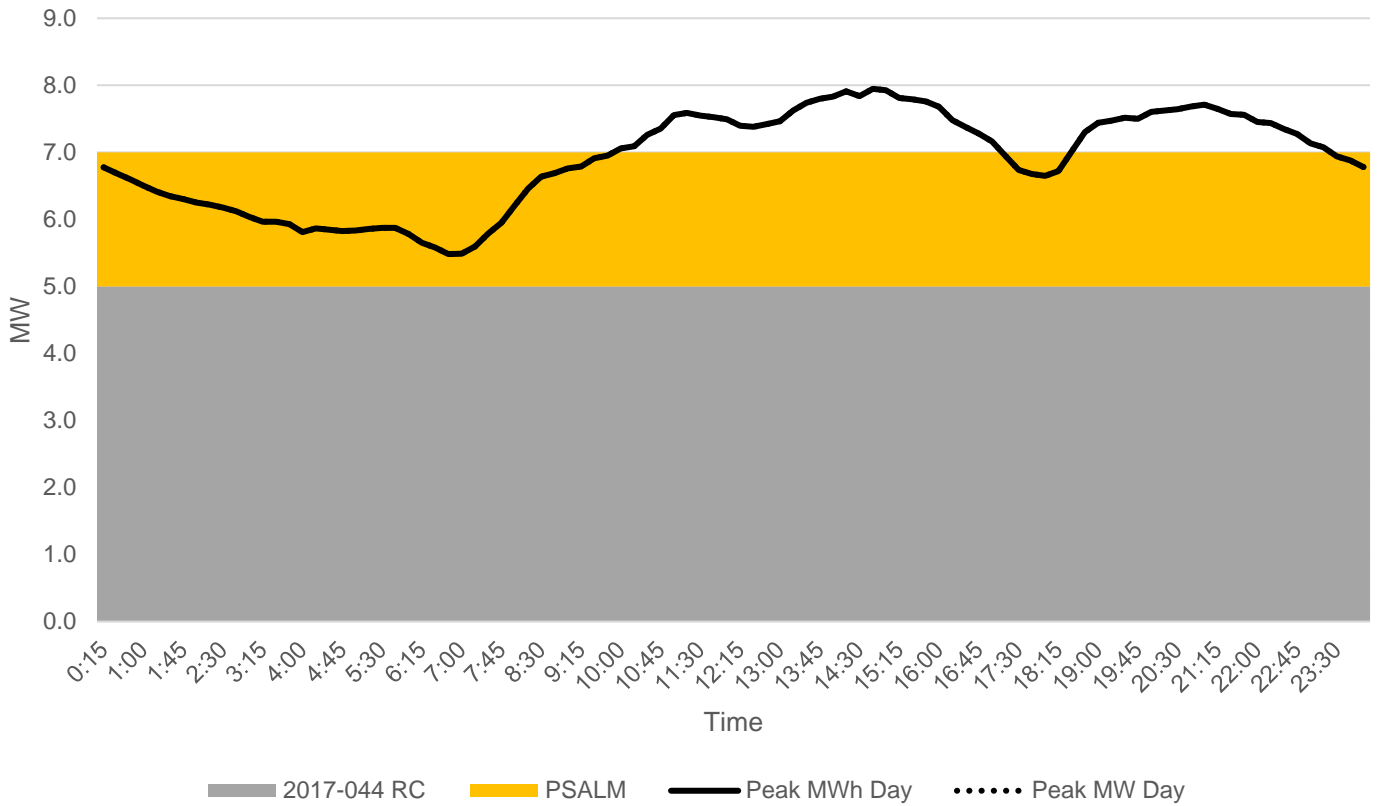
WESM Offtake decreased from 9,178 MWh in 2021 to 6,759 MWh in 2022 at a rate of 26.35% due to the effect of COVID-19 pandemic. The share of WESM in the total Offtake ranged from 1.204% to 34.872%.

Previous Year's Load Profile



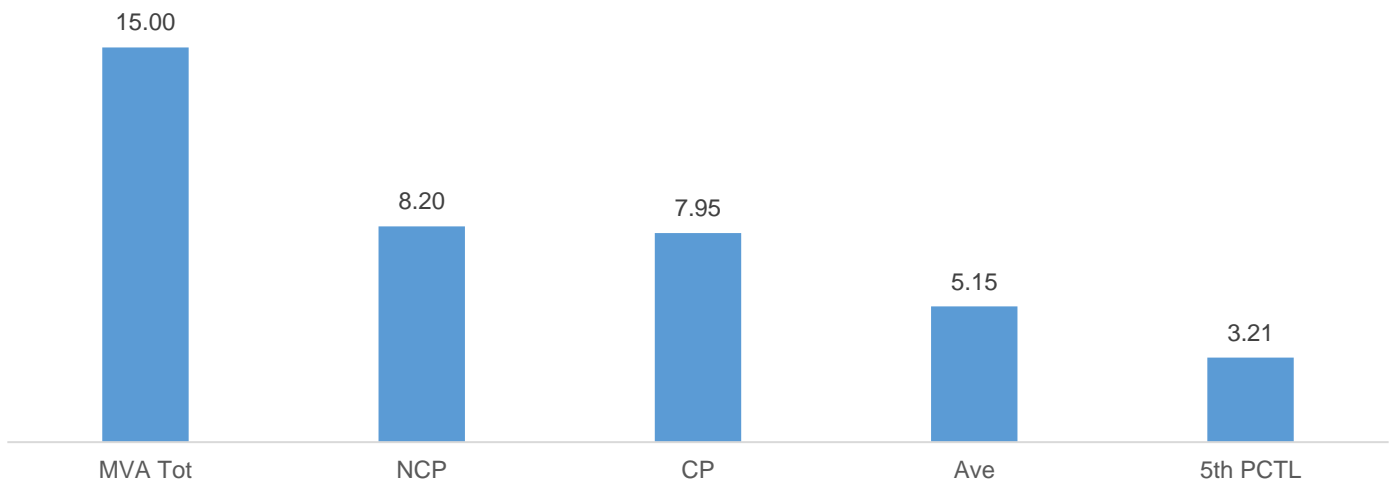
Based on the Load Duration Curve, the minimum load is 0 MW and the maximum load is 7.947 MW for the last historical year.

Previous Year's Load for Peak MWh and MW Days



Peak MW occurred on August 18, 2023 with 7.947 MW. Peak daily MWh also occurred on August 18, 2023 with 168.324 MWh. High temperature weather condition has a major impact for increase in MW and MWh during these periods. As shown in the Load Curves, the available supply is lower than the Peak Demand.

Previous Year's Loading Summary



The Non-coincident Peak Demand is 8.20 MW, which is around 54.67% of the total substation capacity of 15 MVA at a power factor of 97.24%. The load factor or the ratio between the Average Load of 5.15 MW and the Non-coincident Peak Demand is 62.86%. A safe estimate of the true minimum load is the fifth percentile load of 3.21 MW which is 39.19% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Comon	10	5.983
Capalong	5	2.217

Quezelco II updated the 5 MVA Comon Substation to 10 MVA last January 2020.

Forecasted Consumption Data

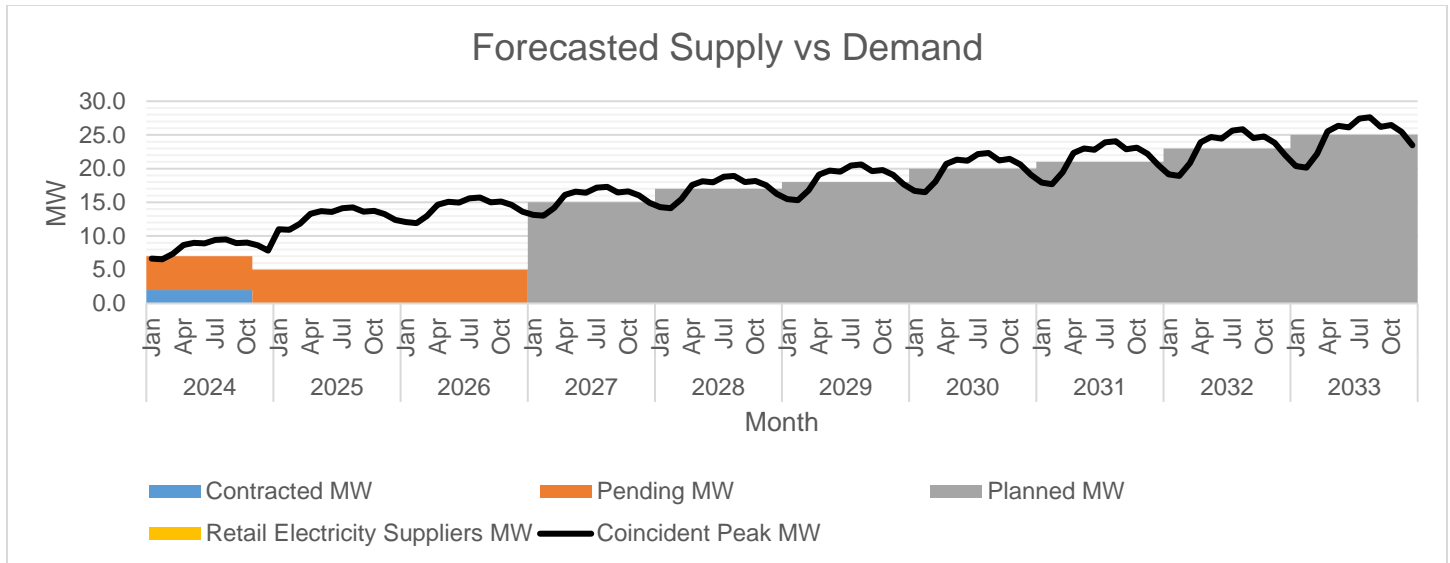
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2024	Jan	6.65	2.00	5.00	0.000		30%	105%	0.35
	Feb	6.55	2.00	5.00	0.000		31%	107%	0.45
	Mar	7.36	2.00	5.00	0.000		27%	95%	-0.36
	Apr	8.67	2.00	5.00	0.000		23%	81%	-1.67
	May	8.99	2.00	5.00	0.000		22%	78%	-1.99
	Jun	8.90	2.00	5.00	0.000		22%	79%	-1.90
	Jul	9.41	2.00	5.00	0.000		21%	74%	-2.41
	Aug	9.49	2.00	5.00	0.000		21%	74%	-2.49
	Sep	8.93	2.00	5.00	0.000		22%	78%	-1.93
	Oct	9.03	2.00	5.00	0.000		22%	77%	-2.03
	Nov	8.63	0.00	5.00	0.000		0%	58%	-3.63
	Dec	7.85	0.00	5.00	0.000		0%	64%	-2.85
2025	Jan	11.02	0.00	5.00	0.000		0%	45%	-6.02
	Feb	10.91	0.00	5.00	0.000		0%	46%	-5.91
	Mar	11.82	0.00	5.00	0.000		0%	42%	-6.82
	Apr	13.31	0.00	5.00	0.000		0%	38%	-8.31
	May	13.68	0.00	5.00	0.000		0%	37%	-8.68
	Jun	13.57	0.00	5.00	0.000		0%	37%	-8.57
	Jul	14.15	0.00	5.00	0.000		0%	35%	-9.15
	Aug	14.24	0.00	5.00	0.000		0%	35%	-9.24
	Sep	13.61	0.00	5.00	0.000		0%	37%	-8.61
	Oct	13.72	0.00	5.00	0.000		0%	36%	-8.72
	Nov	13.26	0.00	5.00	0.000		0%	38%	-8.26
	Dec	12.39	0.00	5.00	0.000		0%	40%	-7.39
2026	Jan	12.06	0.00	5.00	0.000		0%	41%	-7.06
	Feb	11.93	0.00	5.00	0.000		0%	42%	-6.93
	Mar	12.97	0.00	5.00	0.000		0%	39%	-7.97
	Apr	14.66	0.00	5.00	0.000		0%	34%	-9.66
	May	15.08	0.00	5.00	0.000		0%	33%	-10.08

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Jun	14.96	0.00	5.00	0.000		0%	33%	-9.96
	Jul	15.61	0.00	5.00	0.000		0%	32%	-10.61
	Aug	15.71	0.00	5.00	0.000		0%	32%	-10.71
	Sep	15.00	0.00	5.00	0.000		0%	33%	-10.00
	Oct	15.13	0.00	5.00	0.000		0%	33%	-10.13
	Nov	14.61	0.00	5.00	0.000		0%	34%	-9.61
	Dec	13.61	0.00	5.00	0.000		0%	37%	-8.61
2027	Jan	13.16	0.00	0.00	15.000		0%	114%	1.84
	Feb	13.01	0.00	0.00	15.000		0%	115%	1.99
	Mar	14.19	0.00	0.00	15.000		0%	106%	0.81
	Apr	16.09	0.00	0.00	15.000		0%	93%	-1.09
	May	16.57	0.00	0.00	15.000		0%	91%	-1.57
	Jun	16.43	0.00	0.00	15.000		0%	91%	-1.43
	Jul	17.17	0.00	0.00	15.000		0%	87%	-2.17
	Aug	17.28	0.00	0.00	15.000		0%	87%	-2.28
	Sep	16.48	0.00	0.00	15.000		0%	91%	-1.48
	Oct	16.63	0.00	0.00	15.000		0%	90%	-1.63
	Nov	16.03	0.00	0.00	15.000		0%	94%	-1.03
	Dec	14.91	0.00	0.00	15.000		0%	101%	0.09
2028	Jan	14.31	0.00	0.00	17.000		0%	119%	2.69
	Feb	14.14	0.00	0.00	17.000		0%	120%	2.86
	Mar	15.46	0.00	0.00	17.000		0%	110%	1.54
	Apr	17.59	0.00	0.00	17.000		0%	97%	-0.59
	May	18.12	0.00	0.00	17.000		0%	94%	-1.12
	Jun	17.97	0.00	0.00	17.000		0%	95%	-0.97
	Jul	18.79	0.00	0.00	17.000		0%	90%	-1.79
	Aug	18.92	0.00	0.00	17.000		0%	90%	-1.92
	Sep	18.02	0.00	0.00	17.000		0%	94%	-1.02
	Oct	18.19	0.00	0.00	17.000		0%	93%	-1.19
	Nov	17.52	0.00	0.00	17.000		0%	97%	-0.52
	Dec	16.27	0.00	0.00	17.000		0%	105%	0.73

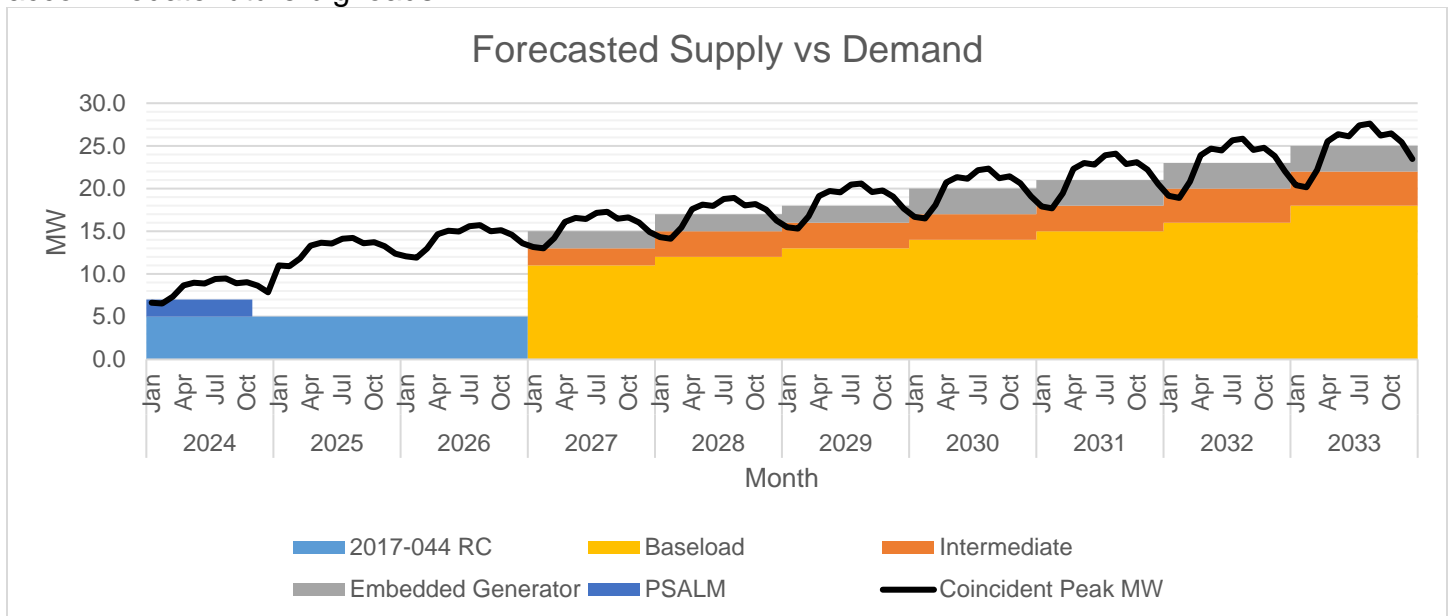
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2029	Jan	15.49	0.00	0.00	18.000		0%	116%	2.51
	Feb	15.31	0.00	0.00	18.000		0%	118%	2.69
	Mar	16.76	0.00	0.00	18.000		0%	107%	1.24
	Apr	19.13	0.00	0.00	18.000		0%	94%	-1.13
	May	19.72	0.00	0.00	18.000		0%	91%	-1.72
	Jun	19.55	0.00	0.00	18.000		0%	92%	-1.55
	Jul	20.46	0.00	0.00	18.000		0%	88%	-2.46
	Aug	20.61	0.00	0.00	18.000		0%	87%	-2.61
	Sep	19.61	0.00	0.00	18.000		0%	92%	-1.61
	Oct	19.79	0.00	0.00	18.000		0%	91%	-1.79
	Nov	19.06	0.00	0.00	18.000		0%	94%	-1.06
	Dec	17.66	0.00	0.00	18.000		0%	102%	0.34
2030	Jan	16.70	0.00	0.00	20.000		0%	120%	3.30
	Feb	16.50	0.00	0.00	20.000		0%	121%	3.50
	Mar	18.10	0.00	0.00	20.000		0%	111%	1.90
	Apr	20.71	0.00	0.00	20.000		0%	97%	-0.71
	May	21.35	0.00	0.00	20.000		0%	94%	-1.35
	Jun	21.17	0.00	0.00	20.000		0%	94%	-1.17
	Jul	22.17	0.00	0.00	20.000		0%	90%	-2.17
	Aug	22.33	0.00	0.00	20.000		0%	90%	-2.33
	Sep	21.23	0.00	0.00	20.000		0%	94%	-1.23
	Oct	21.43	0.00	0.00	20.000		0%	93%	-1.43
	Nov	20.62	0.00	0.00	20.000		0%	97%	-0.62
	Dec	19.09	0.00	0.00	20.000		0%	105%	0.91
2031	Jan	17.92	0.00	0.00	21.000		0%	117%	3.08
	Feb	17.70	0.00	0.00	21.000		0%	119%	3.30
	Mar	19.45	0.00	0.00	21.000		0%	108%	1.55
	Apr	22.30	0.00	0.00	21.000		0%	94%	-1.30
	May	23.00	0.00	0.00	21.000		0%	91%	-2.00
	Jun	22.81	0.00	0.00	21.000		0%	92%	-1.81
	Jul	23.90	0.00	0.00	21.000		0%	88%	-2.90

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Aug	24.08	0.00	0.00	21.000		0%	87%	-3.08
	Sep	22.88	0.00	0.00	21.000		0%	92%	-1.88
	Oct	23.09	0.00	0.00	21.000		0%	91%	-2.09
	Nov	22.21	0.00	0.00	21.000		0%	95%	-1.21
	Dec	20.53	0.00	0.00	21.000		0%	102%	0.47
2032	Jan	19.16	0.00	0.00	23.000		0%	120%	3.84
	Feb	18.92	0.00	0.00	23.000		0%	122%	4.08
	Mar	20.82	0.00	0.00	23.000		0%	110%	2.18
	Apr	23.91	0.00	0.00	23.000		0%	96%	-0.91
	May	24.68	0.00	0.00	23.000		0%	93%	-1.68
	Jun	24.46	0.00	0.00	23.000		0%	94%	-1.46
	Jul	25.65	0.00	0.00	23.000		0%	90%	-2.65
	Aug	25.84	0.00	0.00	23.000		0%	89%	-2.84
	Sep	24.54	0.00	0.00	23.000		0%	94%	-1.54
	Oct	24.77	0.00	0.00	23.000		0%	93%	-1.77
	Nov	23.82	0.00	0.00	23.000		0%	97%	-0.82
	Dec	21.99	0.00	0.00	23.000		0%	105%	1.01
2033	Jan	20.40	0.00	0.00	25.000		0%	123%	4.60
	Feb	20.14	0.00	0.00	25.000		0%	124%	4.86
	Mar	22.20	0.00	0.00	25.000		0%	113%	2.80
	Apr	25.53	0.00	0.00	25.000		0%	98%	-0.53
	May	26.36	0.00	0.00	25.000		0%	95%	-1.36
	Jun	26.13	0.00	0.00	25.000		0%	96%	-1.13
	Jul	27.41	0.00	0.00	25.000		0%	91%	-2.41
	Aug	27.62	0.00	0.00	25.000		0%	91%	-2.62
	Sep	26.21	0.00	0.00	25.000		0%	95%	-1.21
	Oct	26.46	0.00	0.00	25.000		0%	94%	-1.46
	Nov	25.43	0.00	0.00	25.000		0%	98%	-0.43
	Dec	23.46	0.00	0.00	25.000		0%	107%	1.54

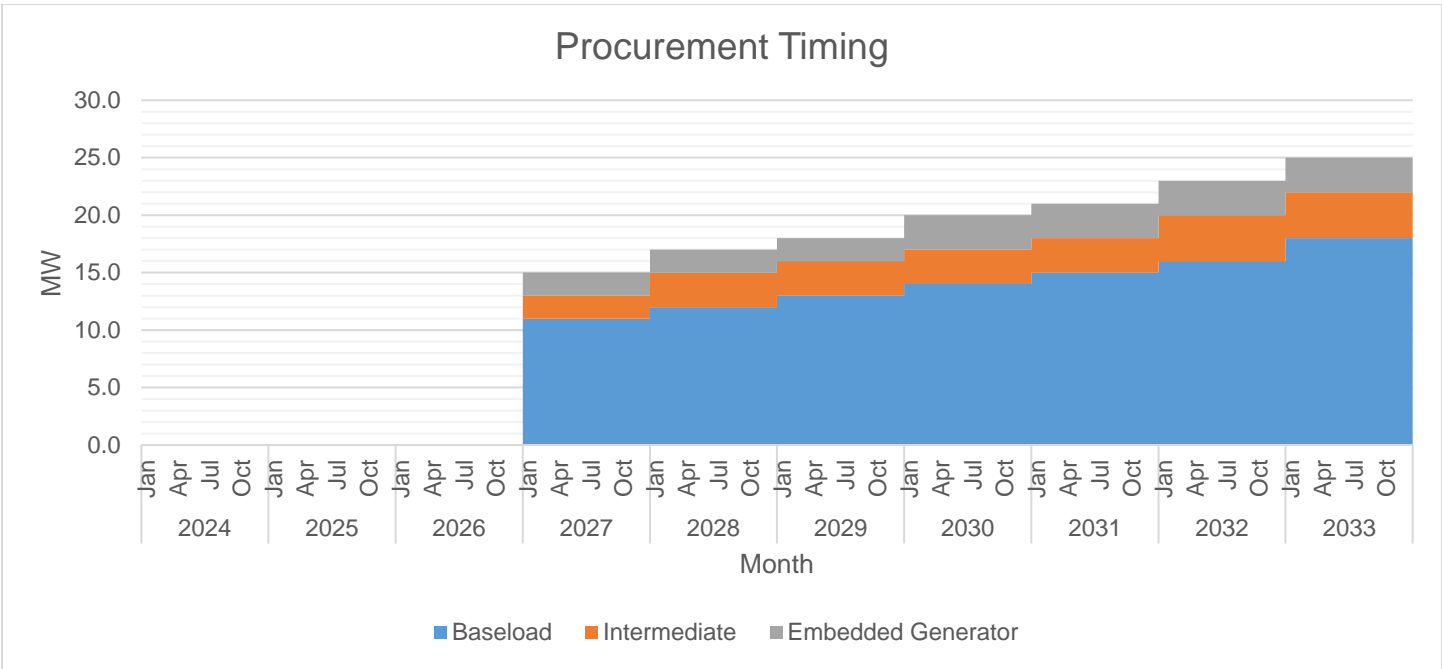
The Peak Demand was forecasted using Cubic and Logarithmic Trend with Horizon Method of Forecasting. Quezelco II uses Historical Data on this process. Peak Demand was forecasted to occur on the month of June due to summer season. Monthly Peak Demand is at its lowest on the month of February. Historically, summer season starts from month of April to September while rainy season starts from month of November to February. In general, Peak Demand is expected to grow at an average rate of 8.64% annually. In addition, MWSS is applying for connection to supply power to Kaliwa Dam with an estimated power demand of 3.5MW. There will be an increase in MW demand and MWH purchase which is expected to happen in year 2025.



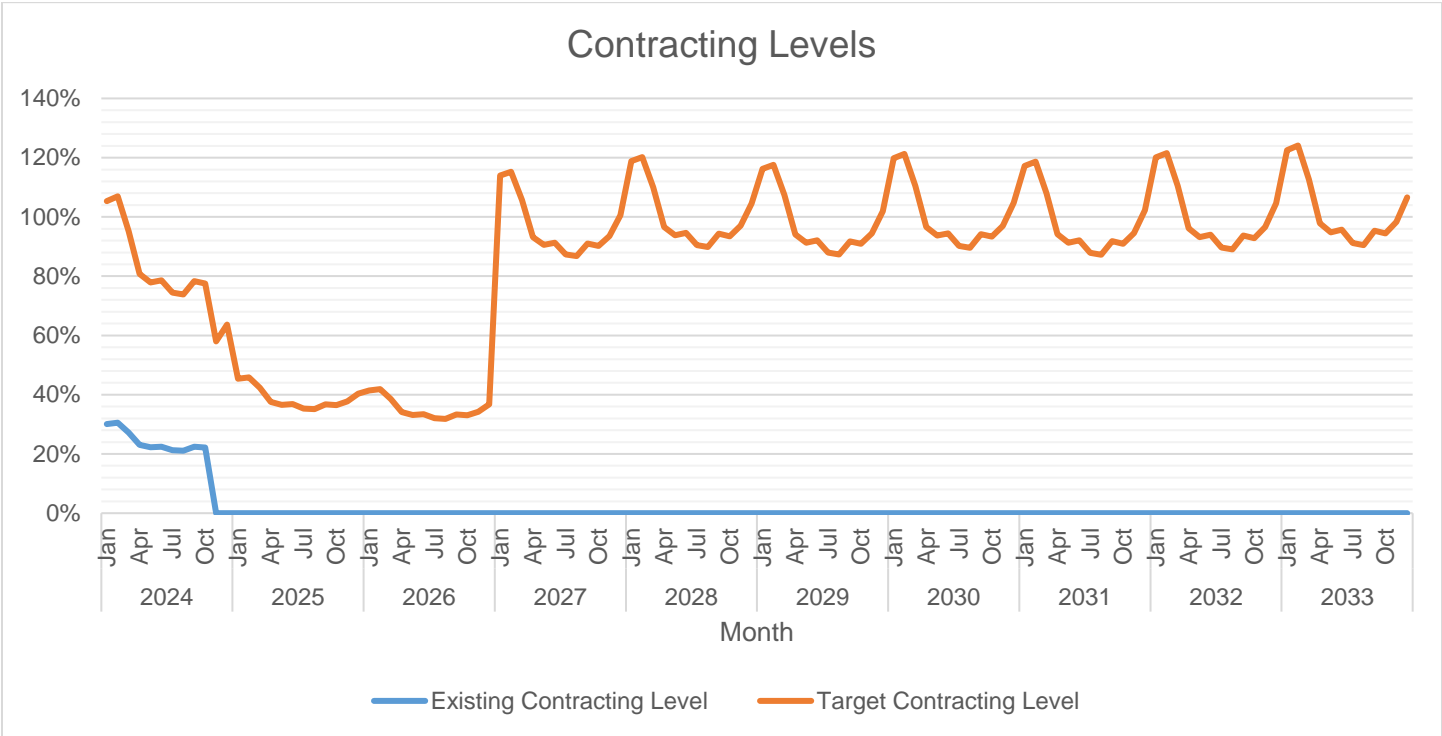
The available supply is generally below the Peak Demand until year 2026. Quezelco II is planning to request extension of power supply from PSALM to cover 2024-2026 power requirement. Quezelco II already uprated the Comon Substation from 5MVA to 10MVA last January 2020. This is to accommodate future big loads.



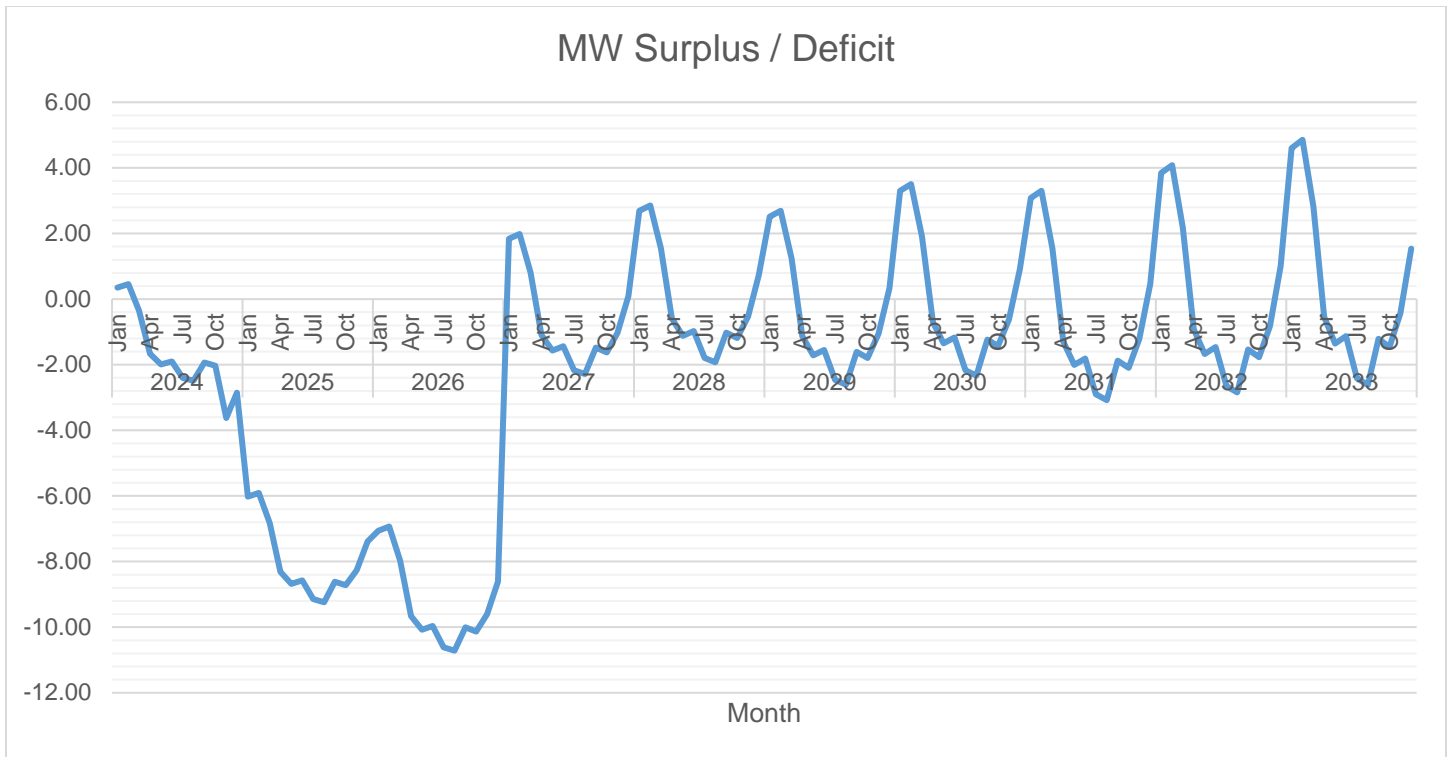
Of the available supply, the largest is 5MW from year 2024 to 2026. Quezelco II will conduct CSP for a new power supplier that will supply power starting year 2027 up to year 2041. Quezelco II is planning to put up embedded generator with a starting capacity of 2MW in year 2027.



The first wave of supply procurement will be for 2MW RE and 11MW non-RE planned to be available by the year 2027. This will be followed by 3MW RE and 12MW non-RE by the year 2028. This will be followed by 3MW RE and 13MW non-RE by the year 2029. This will be followed by 3MW RE and 14MW non-RE by the year 2030. This will be followed by 3MW RE and 15MW non-RE by the year 2031. This will be followed by 4MW RE and 16MW non-RE by the year 2032. This will be followed by 4MW RE and 18MW non-RE by the year 2033. For the embedded generator, 2MW will be installed from 2027 to 2029, 3MW from 2030 to 2033.



Currently, the existing contracting level is 30%. The highest target contracting level is 124% which is expected to occur in February 2033. The lowest target contracting level is 32% which is expected to occur in August 2026.



Currently, there is over-contracting by 0.35MW. The highest surplus is 4.86 MW which is expected to occur on the month of February 2033. The highest deficit is 10.71 MW which is expected to occur on the month of August 2026.

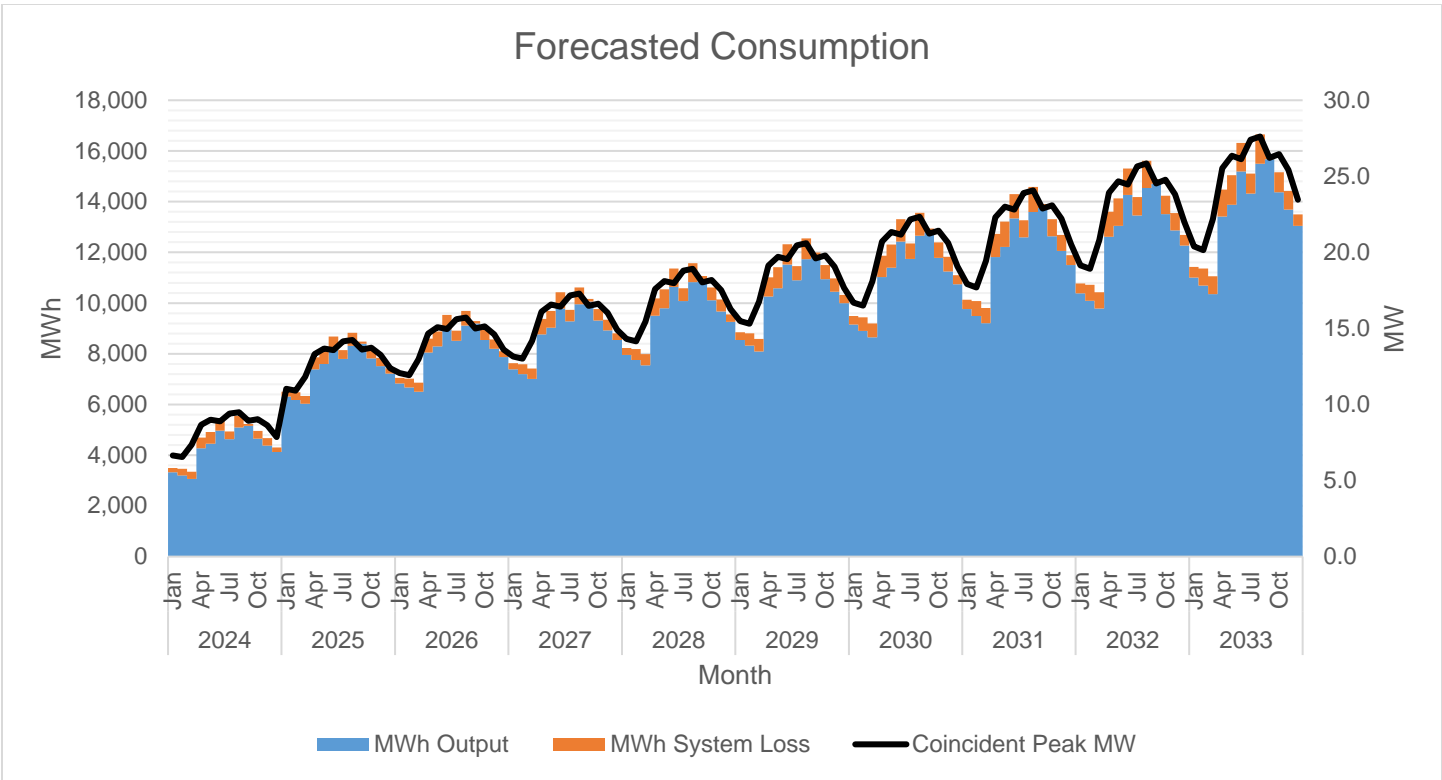
Due to the Yellow Alert advisory of the National Grid Corporation of the Philippines (NGCP), QUEZELCO II applied for Contract of Supply of Electric Energy (CSEE) with Power Sector Assets and Liabilities Management (PSALM) Corporation for One (1) year (November 2023 - October 2024). This is in order to avoid exposure to WESM especially this coming summer season while QUEZELCO II is processing its Competitive Selection Process (CSP) for additional load requirements.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2024	Jan	3,492	3,323	169	0.00%	4.84%
	Feb	3,467	3,198	268	0.00%	7.74%
	Mar	3,344	3,068	276	0.00%	8.25%
	Apr	4,691	4,270	421	0.00%	8.97%
	May	4,913	4,453	459	0.00%	9.35%
	Jun	5,415	4,972	443	0.00%	8.18%
	Jul	4,937	4,628	309	0.00%	6.25%
	Aug	5,545	5,090	455	0.00%	8.20%
	Sep	5,234	5,161	73	0.00%	1.40%
	Oct	4,958	4,650	309	0.00%	6.23%
	Nov	4,669	4,379	290	0.00%	6.21%
	Dec	4,305	4,125	180	0.00%	4.18%
2025	Jan	6,507	6,316	191	0.00%	2.94%
	Feb	6,479	6,175	304	0.00%	4.69%
	Mar	6,340	6,028	312	0.00%	4.92%
	Apr	7,864	7,388	476	0.00%	6.06%
	May	8,115	7,595	520	0.00%	6.40%
	Jun	8,684	8,183	501	0.00%	5.77%
	Jul	8,142	7,793	349	0.00%	4.29%
	Aug	8,830	8,316	515	0.00%	5.83%
	Sep	8,479	8,396	83	0.00%	0.98%
	Oct	8,167	7,817	350	0.00%	4.28%
	Nov	7,840	7,511	328	0.00%	4.19%
	Dec	7,427	7,224	203	0.00%	2.74%
2026	Jan	7,051	6,833	217	0.00%	3.08%
	Feb	7,018	6,673	346	0.00%	4.93%
	Mar	6,861	6,506	355	0.00%	5.18%
	Apr	8,595	8,053	542	0.00%	6.30%
	May	8,880	8,289	591	0.00%	6.66%
	Jun	9,528	8,957	570	0.00%	5.98%
	Jul	8,911	8,514	397	0.00%	4.46%
	Aug	9,694	9,108	586	0.00%	6.04%
	Sep	9,294	9,200	94	0.00%	1.02%
	Oct	8,939	8,542	398	0.00%	4.45%
	Nov	8,567	8,194	374	0.00%	4.36%
	Dec	8,098	7,866	231	0.00%	2.86%
2027	Jan	7,628	7,383	245	0.00%	3.22%
	Feb	7,592	7,202	390	0.00%	5.14%
	Mar	7,414	7,013	401	0.00%	5.41%
	Apr	9,371	8,760	611	0.00%	6.52%
	May	9,693	9,026	667	0.00%	6.88%
	Jun	10,424	9,780	643	0.00%	6.17%
	Jul	9,728	9,280	448	0.00%	4.61%

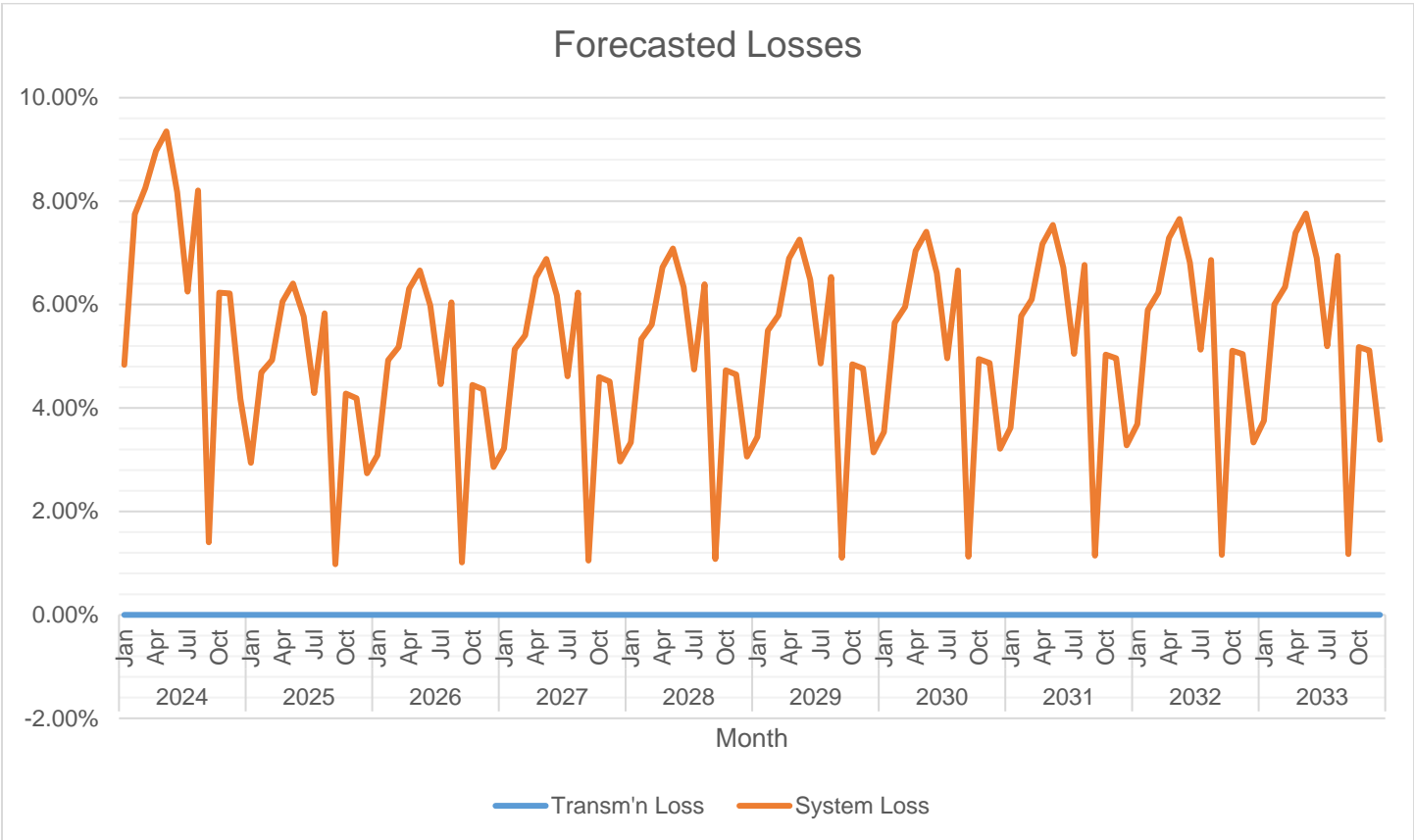
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Aug	10,612	9,951	661	0.00%	6.23%
	Sep	10,160	10,054	107	0.00%	1.05%
	Oct	9,760	9,311	449	0.00%	4.60%
	Nov	9,340	8,918	422	0.00%	4.51%
	Dec	8,810	8,549	261	0.00%	2.96%
2028	Jan	8,231	7,956	275	0.00%	3.34%
	Feb	8,191	7,754	436	0.00%	5.33%
	Mar	7,991	7,543	448	0.00%	5.61%
	Apr	10,181	9,497	684	0.00%	6.72%
	May	10,541	9,795	747	0.00%	7.08%
	Jun	11,358	10,639	720	0.00%	6.34%
	Jul	10,580	10,079	502	0.00%	4.74%
	Aug	11,569	10,829	739	0.00%	6.39%
	Sep	11,064	10,944	119	0.00%	1.08%
	Oct	10,616	10,114	502	0.00%	4.73%
	Nov	10,146	9,674	472	0.00%	4.65%
	Dec	9,553	9,261	292	0.00%	3.06%
2029	Jan	8,852	8,547	305	0.00%	3.44%
	Feb	8,807	8,323	484	0.00%	5.50%
	Mar	8,586	8,088	497	0.00%	5.79%
	Apr	11,015	10,256	759	0.00%	6.89%
	May	11,415	10,586	828	0.00%	7.26%
	Jun	12,321	11,523	799	0.00%	6.48%
	Jul	11,458	10,901	557	0.00%	4.86%
	Aug	12,554	11,734	820	0.00%	6.53%
	Sep	11,994	11,862	132	0.00%	1.10%
	Oct	11,497	10,940	557	0.00%	4.84%
	Nov	10,976	10,453	523	0.00%	4.77%
	Dec	10,318	9,994	324	0.00%	3.14%
2030	Jan	9,486	9,150	335	0.00%	3.53%
	Feb	9,436	8,903	533	0.00%	5.65%
	Mar	9,193	8,645	548	0.00%	5.96%
	Apr	11,866	11,031	835	0.00%	7.04%
	May	12,306	11,395	912	0.00%	7.41%
	Jun	13,304	12,425	879	0.00%	6.61%
	Jul	12,354	11,741	613	0.00%	4.96%
	Aug	13,561	12,658	903	0.00%	6.66%
	Sep	12,944	12,799	146	0.00%	1.13%
	Oct	12,397	11,784	613	0.00%	4.94%
	Nov	11,824	11,248	576	0.00%	4.87%
	Dec	11,100	10,743	357	0.00%	3.21%
2031	Jan	10,128	9,762	366	0.00%	3.62%
	Feb	10,075	9,492	582	0.00%	5.78%

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Mar	9,809	9,210	598	0.00%	6.10%
	Apr	12,730	11,818	913	0.00%	7.17%
	May	13,211	12,215	996	0.00%	7.54%
	Jun	14,301	13,341	961	0.00%	6.72%
	Jul	13,263	12,594	670	0.00%	5.05%
	Aug	14,582	13,595	987	0.00%	6.77%
	Sep	13,908	13,749	159	0.00%	1.14%
	Oct	13,310	12,641	670	0.00%	5.03%
	Nov	12,683	12,054	629	0.00%	4.96%
	Dec	11,892	11,503	390	0.00%	3.28%
2032	Jan	10,778	10,380	398	0.00%	3.69%
	Feb	10,719	10,087	632	0.00%	5.90%
	Mar	10,431	9,781	650	0.00%	6.23%
	Apr	13,603	12,612	991	0.00%	7.29%
	May	14,124	13,043	1,082	0.00%	7.66%
	Jun	15,308	14,265	1,043	0.00%	6.81%
	Jul	14,181	13,454	727	0.00%	5.13%
	Aug	15,613	14,542	1,071	0.00%	6.86%
	Sep	14,881	14,709	173	0.00%	1.16%
	Oct	14,232	13,505	727	0.00%	5.11%
	Nov	13,552	12,868	683	0.00%	5.04%
	Dec	12,693	12,270	423	0.00%	3.33%
2033	Jan	11,431	11,001	429	0.00%	3.76%
	Feb	11,368	10,685	682	0.00%	6.00%
	Mar	11,056	10,355	701	0.00%	6.34%
	Apr	14,480	13,410	1,070	0.00%	7.39%
	May	15,043	13,876	1,167	0.00%	7.76%
	Jun	16,321	15,196	1,126	0.00%	6.90%
	Jul	15,105	14,320	785	0.00%	5.19%
	Aug	16,650	15,494	1,156	0.00%	6.94%
	Sep	15,860	15,674	187	0.00%	1.18%
	Oct	15,160	14,375	785	0.00%	5.18%
	Nov	14,425	13,688	737	0.00%	5.11%
	Dec	13,498	13,041	457	0.00%	3.39%

MWh Offtake was forecasted using the forecasted MW Peak Demand. The assumed average load factor is 71.53%. QUEZELCO II has no transmission line. Sub transmission line from Famy, Laguna going to Real and Infanta, Quezon is owned and operated by NGCP.



MWh Output was expected to grow at an average rate of 7.89% annually.



Annual System Loss is expected to range from 6.64% down to 4.45%.

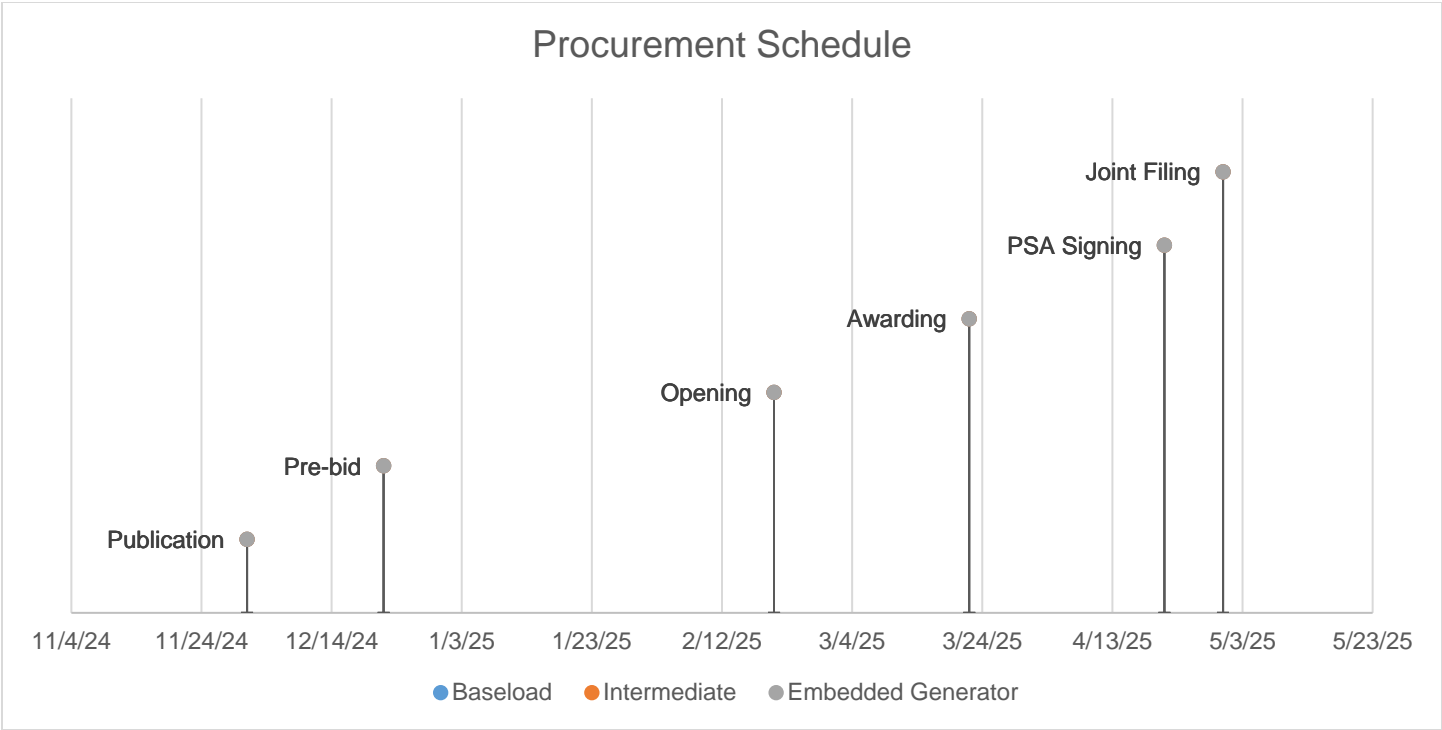
Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2017-044 RC	Base	GN Power Dinginin	5.00	26,927	12/26/2019	12/25/2026

The PSA with GN Power filed with ERC under Case No. 2017-044 RC was procured through competitive bidding. It was selected to provide for base requirements due to load characteristics of Quezelco II, majority residential loads. Historically, the utilization of the PSA is 133%. The actual billed overall monthly charge under the PSA ranged from 4.7076 P/kWh to 6.1522 P/kWh in the same period. The PSA between QUEZELCO II and GN Power Mariveles (2016-2019) and GN Power Dinginin Ltd. (2020-2026) has Provisional Authority (PA) from the Energy Regulatory Commission. The prepared Terms of Reference is aligned with 2023 PSPP and 2023 DDP. PSA with PSALM to provide additional 2 MW power requirement started in October 26, 2023 and will end in October 25, 2024.

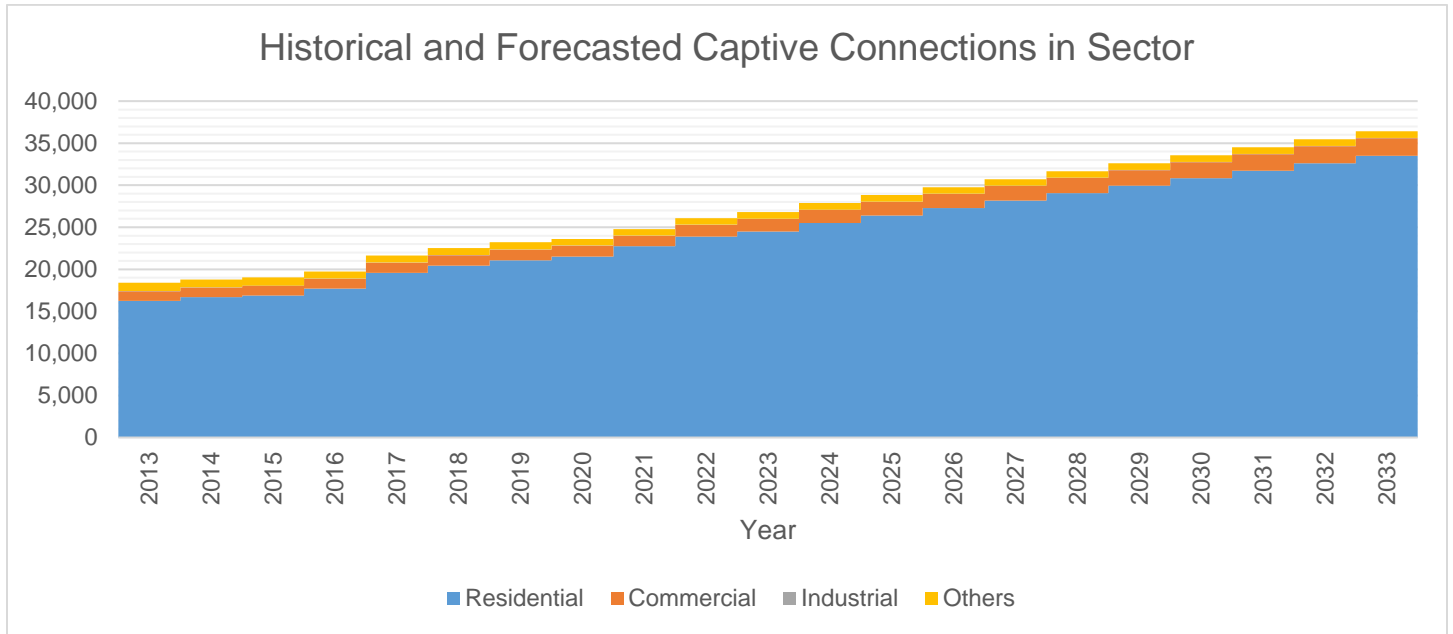
	Baseload	Intermediate	Embedded Generator
Type	Baseload	Intermediate	Peaking
Minimum MW	11.00	2.00	2.00
Minimum MWh/yr	93,862	5,037	359
Maximum MW	27.00	6.00	5.00
Maximum MWh/yr	214,379	11,505	819
PSA Start	12/26/2026	12/26/2026	12/26/2026
PSA End	12/25/2041	12/25/2041	12/25/2041
Publication	12/1/2024	12/1/2024	12/1/2024
Pre-bid	12/22/2024	12/22/2024	12/22/2024
Opening	2/20/2025	2/20/2025	2/20/2025
Awarding	3/22/2025	3/22/2025	3/22/2025
PSA Signing	4/21/2025	4/21/2025	4/21/2025
Joint Filing	4/30/2025	4/30/2025	4/30/2025

Procurement Schedule



For the procurement of 2MW RE and 11MW non-RE of supply, which is planned to be available in 2027, the first publication or launch of CSP will be on December 01, 2024. Joint filing is planned on April 30, 2025, or 150 days later, in accordance with the DOE 2023 CSP Policy and ERC 2023 CSP Implementing Rules. For the planned embedded generator, which is planned to be available in 2027, the first publication or lunch will be on December 1, 2024. Joint filing is planned on April 30, 2025, or 150 days later, in accordance with the DOE 2023 CSP Policy and ERC 2023 CSP Implementing Rules.


Captive Customer Connections



The number of Residential connections is expected to grow at an average rate of 3.07% annually. Said customer class is expected to account for 65.03% of the total consumption.

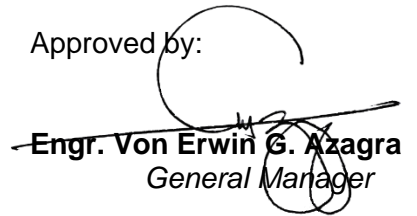
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