

Power Supply Procurement Plan

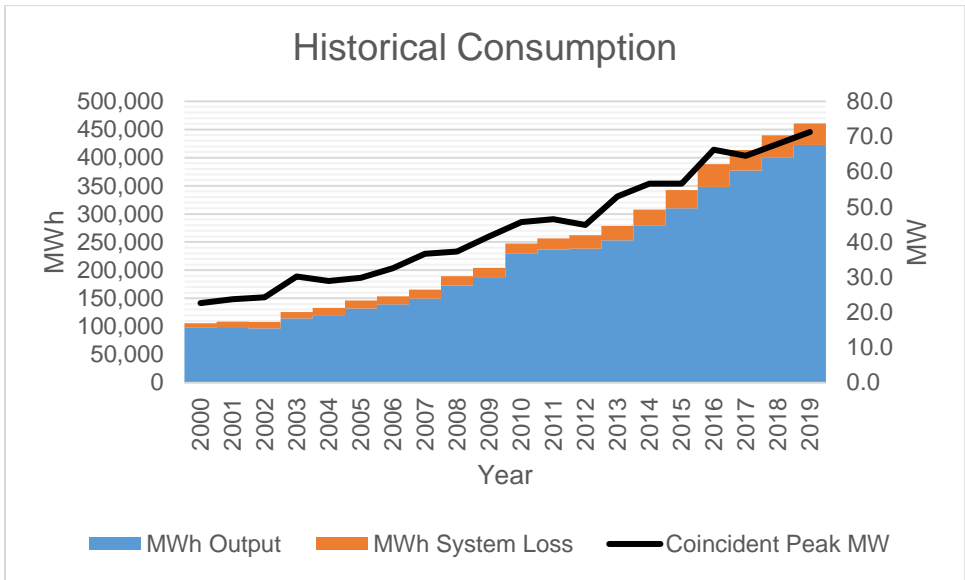
2020-2029

CEBU II ELECTRIC COOPERATIVE, INC.

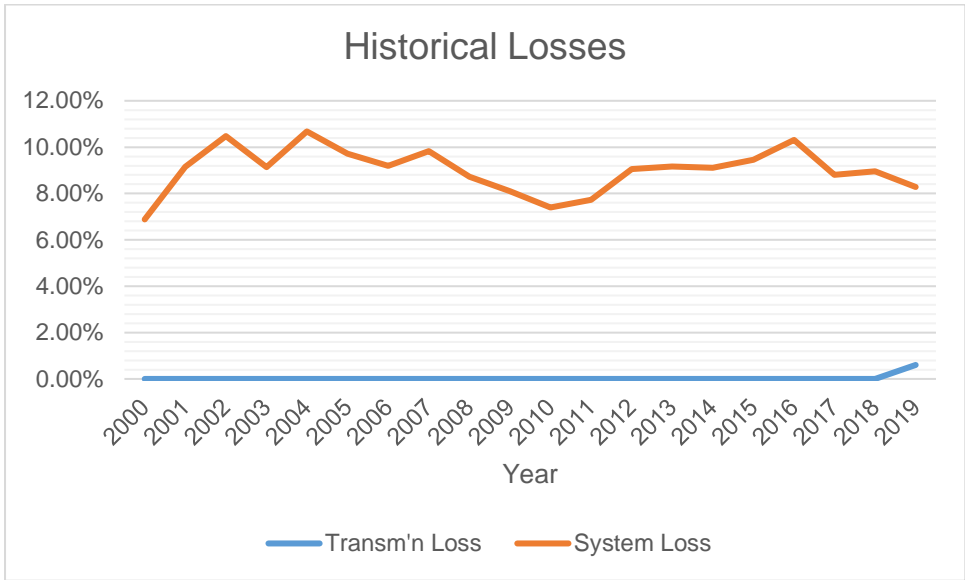
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	22.65	105,753	0	105,753	98,474	7,279	53%	0.00%	0.00%	6.88%
2001	23.79	108,662	0	108,662	98,712	9,950	52%	0.00%	0.00%	9.16%
2002	24.28	108,258	0	108,258	96,908	11,350	51%	0.00%	0.00%	10.48%
2003	30.17	125,500	0	125,500	114,031	11,469	47%	0.00%	0.00%	9.14%
2004	28.93	132,900	0	132,900	118,708	14,192	52%	0.00%	0.00%	10.68%
2005	29.86	146,207	0	146,207	131,997	14,210	56%	0.00%	0.00%	9.72%
2006	32.62	153,478	0	153,478	139,365	14,113	54%	0.00%	0.00%	9.20%
2007	36.71	165,637	0	165,637	149,347	16,290	52%	0.00%	0.00%	9.83%
2008	37.34	189,329	0	189,329	172,818	16,511	58%	0.00%	0.00%	8.72%
2009	41.56	204,023	0	204,023	187,499	16,524	56%	0.00%	0.00%	8.10%
2010	45.69	247,615	0	247,615	229,306	18,309	62%	0.00%	0.00%	7.39%
2011	46.48	256,242	45,090	256,242	236,439	19,803	63%	0.00%	0.00%	7.73%
2012	44.88	262,081	18,814	262,081	238,332	23,749	67%	0.00%	0.00%	9.06%
2013	52.99	278,806	5,797	278,806	253,257	25,549	60%	0.00%	0.00%	9.16%
2014	56.56	307,593	16,505	307,593	279,577	28,016	62%	0.00%	0.00%	9.11%
2015	56.59	342,283	95,901	342,283	309,922	32,361	69%	0.00%	0.00%	9.45%
2016	66.28	388,320	99,302	388,320	348,282	40,038	67%	0.00%	0.00%	10.31%
2017	64.55	413,523	-1,576	413,523	377,102	36,421	73%	0.00%	0.00%	8.81%
2018	67.93	439,457	-10,379	439,457	400,108	39,349	74%	0.00%	0.00%	8.95%
2019	71.28	463,490	11,711	460,695	422,545	38,150	74%	0.00%	0.60%	8.28%

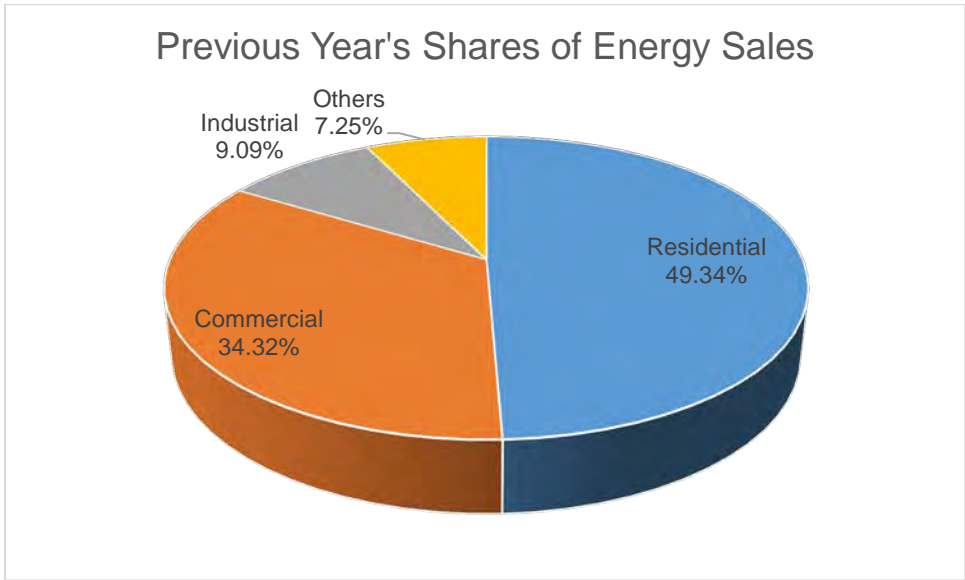
Peak Demand increased from 22.65 MW in 2000 to 71.28 MW in 2019 at average rate of 6.47% due to increasing number of customers. MWh Offtake increased from 105,753 MWh in 2000 to 460,695 MWh in 2019 at average rate of 8.18% due to increasing customers. Within the same period, Load Factor ranged from 53% to 74%. There was no abrupt change in consumption.



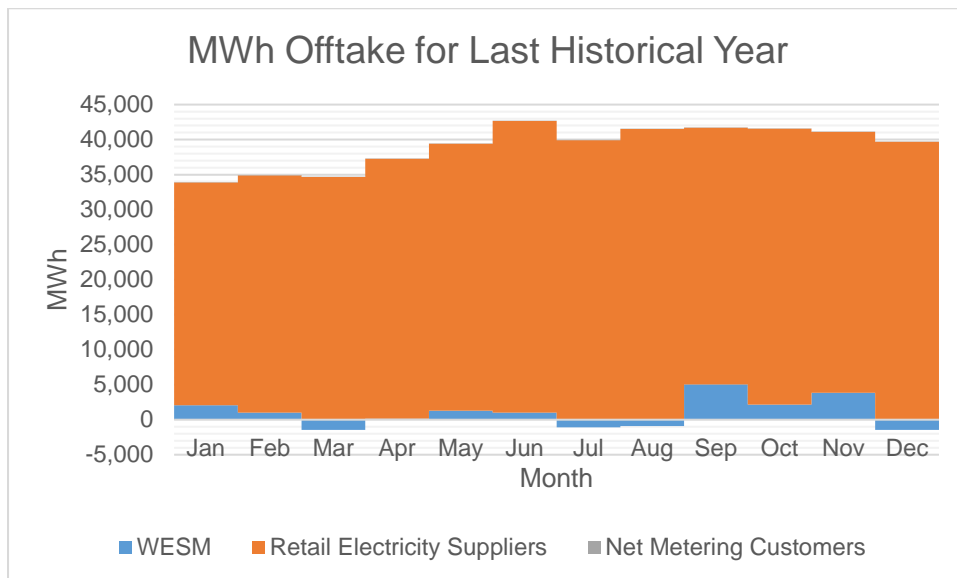
MWh Output increased from year 2000 to year 2019 at average rate of 8.13%, while MWh System Loss increased at a rate of 1.67% within the same period.



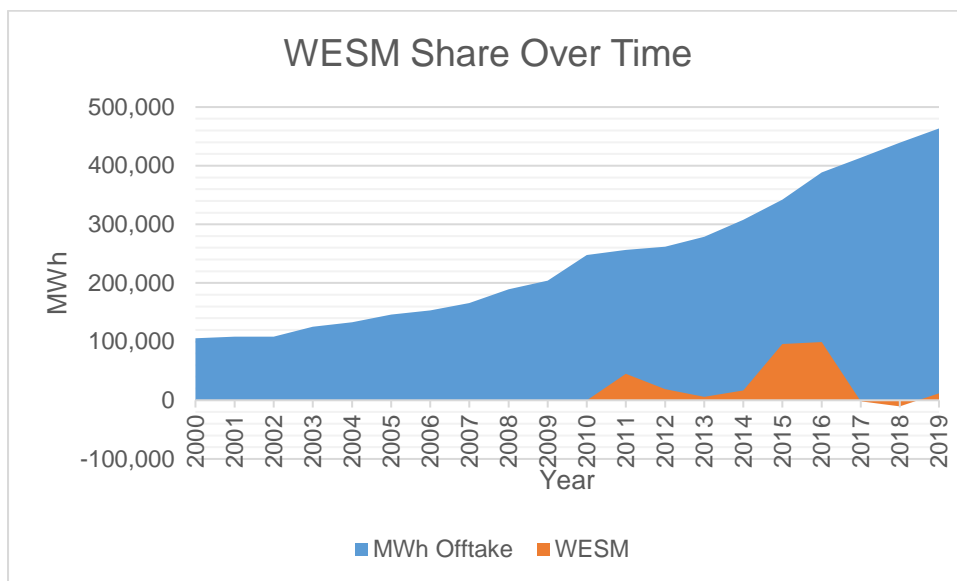
Historically, there was no Transmission Loss while System Loss ranged from 6.88% to 8.28%.



Residential customers account for the bulk of energy sales at 49.34% due to the high number of connections. In contrast, Other (Public Buildings and Street Lights) customers accounted for only 7.25% of energy sales due to the low number of connections.

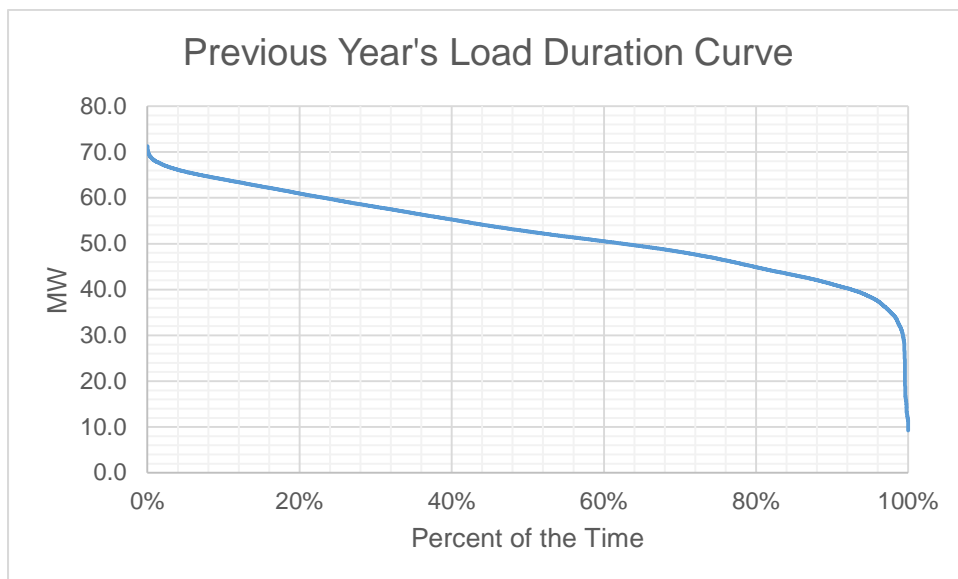


For Retail Electricity Supplier, the total Offtake for the last historical year is within the allowable quantity stipulated in the PSA. The PSA with RES accounts for the bulk of MWh Offtake.

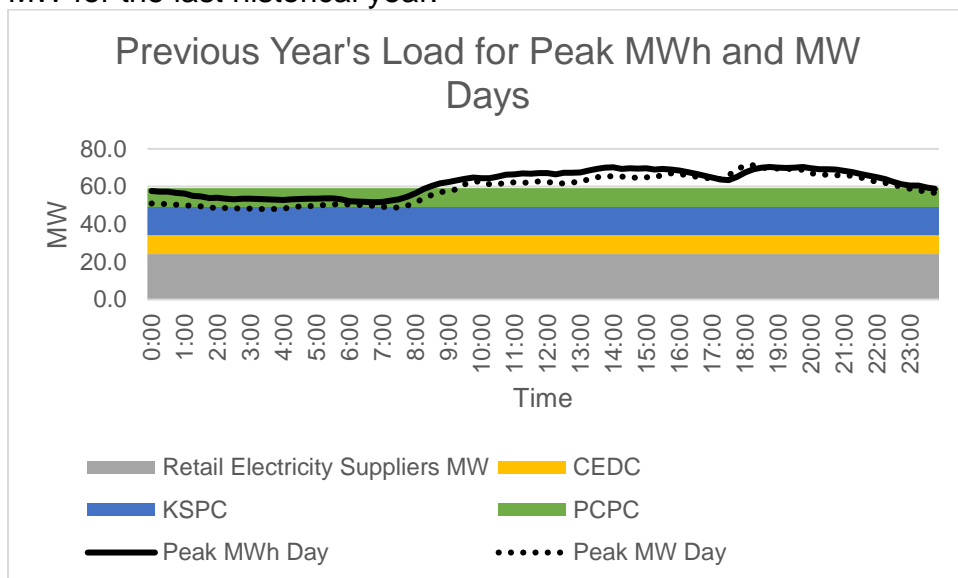


WESM Offtake increased from 0 MWh in 2000 to 11,711 MWh in 2019 at a rate of 41.37% due to increased demand. The share of WESM in the total Offtake ranged from 0% to 3%. The net WESM transaction is negative from 2017 to 2018 because of the switching of contestable customers.

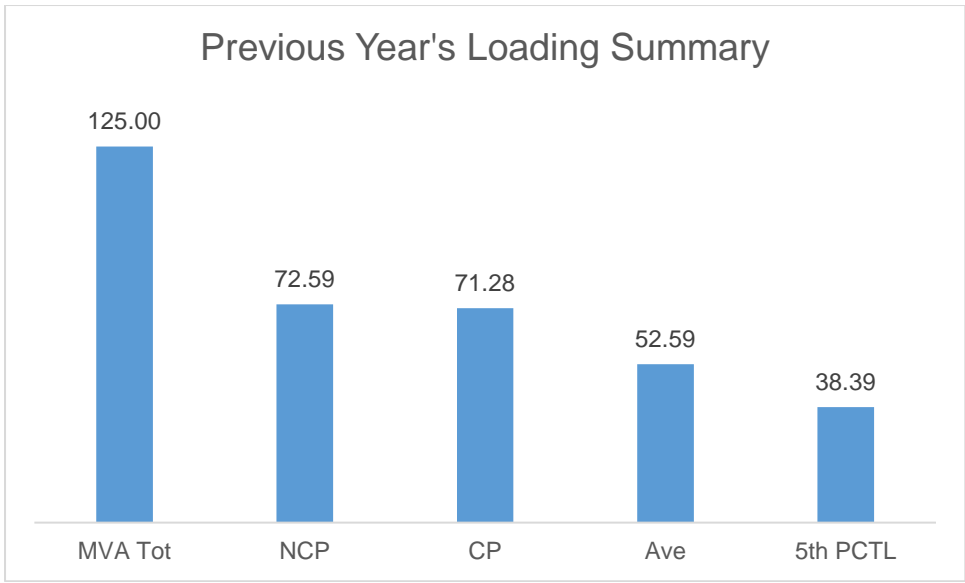
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 9.22 MW and the maximum load is 71.28 MW for the last historical year.



Peak MW occurred on 18:15 due to residential consumer. Peak daily MWh occurred on 19:00 due to residential consumer. As shown in the Load Curves, the available supply is higher than the Peak Demand.



The Non-coincident Peak Demand is 74.72 MW, which is around 41.74% of the total substation capacity of 179 MVA at a power factor of 94.821. The load factor or the ratio between the Average Load of 52.59 MW and the Non-coincident Peak Demand is 70.38% of. A safe estimate of the true minimum load is the fifth percentile load of 38.39 MW which is 51.38 % of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
MF3MCOMCEB209/213	100	56.299
MF3MCOMCEB212	25	16.287

No substations loaded above 70%.

Forecasted Consumption Data

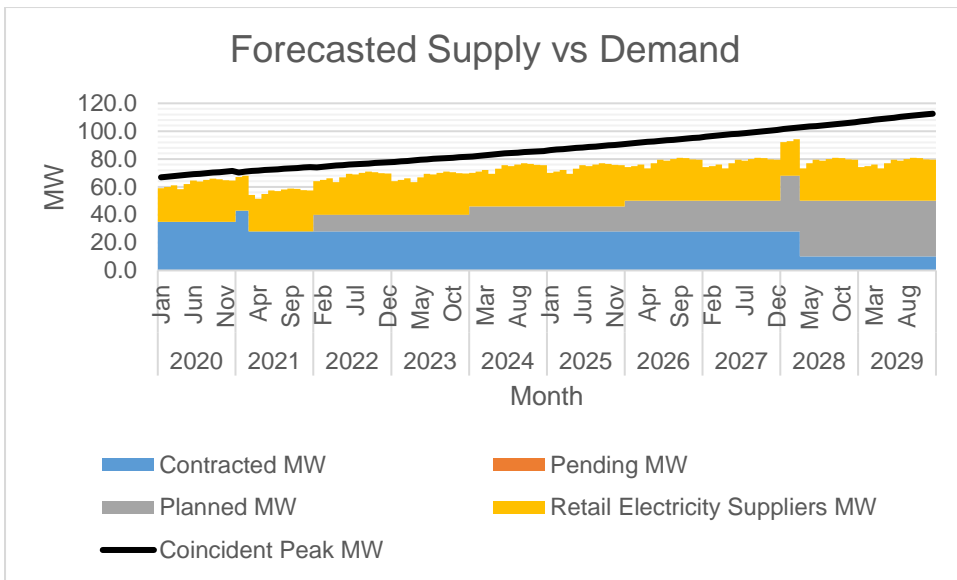
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2020	Jan	66.88	35.00	0.00	0.000	24.12	82%	82%	-7.76
	Feb	67.38	35.00	0.00	0.000	24.92	82%	82%	-7.46
	Mar	67.84	35.00	0.00	0.000	26.13	84%	84%	-6.70
	Apr	68.30	35.00	0.00	0.000	23.36	78%	78%	-9.94
	May	68.73	35.00	0.00	0.000	26.97	84%	84%	-6.75
	Jun	69.10	35.00	0.00	0.000	29.50	88%	88%	-4.59
	Jul	69.46	35.00	0.00	0.000	28.87	86%	86%	-5.59
	Aug	69.85	35.00	0.00	0.000	30.05	88%	88%	-4.79
	Sep	70.22	35.00	0.00	0.000	30.92	89%	89%	-4.30
	Oct	70.60	35.00	0.00	0.000	30.56	87%	87%	-5.04
	Nov	71.02	35.00	0.00	0.000	29.77	85%	85%	-6.25
	Dec	71.42	35.00	0.00	0.000	29.51	84%	84%	-6.91
2021	Jan	70.39	43.00	0.00	0.000	24.12	93%	93%	-3.27
	Feb	70.89	43.00	0.00	0.000	24.92	94%	94%	-2.96
	Mar	71.36	28.00	0.00	0.000	26.13	62%	62%	-17.22
	Apr	71.78	28.00	0.00	0.000	23.36	58%	58%	-20.42
	May	72.11	28.00	0.00	0.000	26.97	62%	62%	-17.14
	Jun	72.42	28.00	0.00	0.000	29.50	65%	65%	-14.92
	Jul	72.69	28.00	0.00	0.000	28.87	64%	64%	-15.82
	Aug	73.01	28.00	0.00	0.000	30.05	65%	65%	-14.95
	Sep	73.30	28.00	0.00	0.000	30.92	66%	66%	-14.37
	Oct	73.63	28.00	0.00	0.000	30.56	65%	65%	-15.07
	Nov	73.97	28.00	0.00	0.000	29.77	63%	63%	-16.20
	Dec	74.29	28.00	0.00	0.000	29.51	63%	63%	-16.77
2022	Jan	74.01	28.00	0.00	10.000	24.12	56%	76%	-11.89
	Feb	74.45	28.00	0.00	10.000	24.92	57%	77%	-11.53
	Mar	74.88	28.00	0.00	10.000	26.13	57%	78%	-10.74
	Apr	75.31	28.00	0.00	10.000	23.36	54%	73%	-13.95

	May	75.70	28.00	0.00	10.000	26.97	57%	78%	-10.73
	Jun	76.01	28.00	0.00	10.000	29.50	60%	82%	-8.51
	Jul	76.25	28.00	0.00	10.000	28.87	59%	80%	-9.39
	Aug	76.60	28.00	0.00	10.000	30.05	60%	82%	-8.54
	Sep	76.84	28.00	0.00	10.000	30.92	61%	83%	-7.92
	Oct	77.10	28.00	0.00	10.000	30.56	60%	82%	-8.55
	Nov	77.42	28.00	0.00	10.000	29.77	59%	80%	-9.65
	Dec	77.70	28.00	0.00	10.000	29.51	58%	79%	-10.18
2023	Jan	77.82	28.00	0.00	10.000	24.12	52%	71%	-15.70
	Feb	78.26	28.00	0.00	10.000	24.92	52%	71%	-15.34
	Mar	78.67	28.00	0.00	10.000	26.13	53%	72%	-14.53
	Apr	79.12	28.00	0.00	10.000	23.36	50%	68%	-17.76
	May	79.49	28.00	0.00	10.000	26.97	53%	72%	-14.52
	Jun	79.81	28.00	0.00	10.000	29.50	56%	76%	-12.31
	Jul	80.12	28.00	0.00	10.000	28.87	55%	74%	-13.25
	Aug	80.44	28.00	0.00	10.000	30.05	56%	75%	-12.39
	Sep	80.70	28.00	0.00	10.000	30.92	56%	76%	-11.78
	Oct	80.99	28.00	0.00	10.000	30.56	56%	75%	-12.43
	Nov	81.27	28.00	0.00	10.000	29.77	54%	74%	-13.50
	Dec	81.57	28.00	0.00	10.000	29.51	54%	73%	-14.06
2024	Jan	81.83	28.00	0.00	15.000	24.12	49%	75%	-14.71
	Feb	82.28	28.00	0.00	15.000	24.92	49%	75%	-14.36
	Mar	82.72	28.00	0.00	15.000	26.13	49%	76%	-13.59
	Apr	83.21	28.00	0.00	15.000	23.36	47%	72%	-16.85
	May	83.64	28.00	0.00	15.000	26.97	49%	76%	-13.67
	Jun	84.00	28.00	0.00	15.000	29.50	51%	79%	-11.50
	Jul	84.26	28.00	0.00	15.000	28.87	51%	78%	-12.39
	Aug	84.62	28.00	0.00	15.000	30.05	51%	79%	-11.57
	Sep	84.93	28.00	0.00	15.000	30.92	52%	80%	-11.01
	Oct	85.22	28.00	0.00	15.000	30.56	51%	79%	-11.66
	Nov	85.50	28.00	0.00	15.000	29.77	50%	77%	-12.72
	Dec	85.76	28.00	0.00	15.000	29.51	50%	76%	-13.25
2025	Jan	86.46	28.00	0.00	15.000	24.12	45%	69%	-19.34

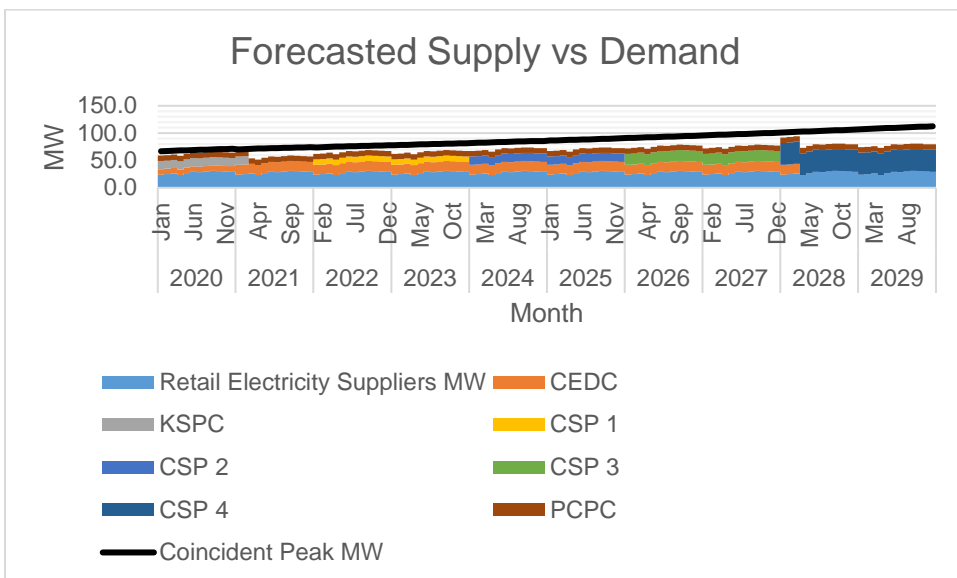
	Feb	86.83	28.00	0.00	15.000	24.92	45%	69%	-18.91
	Mar	87.20	28.00	0.00	15.000	26.13	46%	70%	-18.06
	Apr	87.56	28.00	0.00	15.000	23.36	44%	67%	-21.20
	May	87.93	28.00	0.00	15.000	26.97	46%	71%	-17.96
	Jun	88.29	28.00	0.00	15.000	29.50	48%	73%	-15.79
	Jul	88.65	28.00	0.00	15.000	28.87	47%	72%	-16.78
	Aug	89.01	28.00	0.00	15.000	30.05	47%	73%	-15.96
	Sep	89.38	28.00	0.00	15.000	30.92	48%	74%	-15.45
	Oct	89.74	28.00	0.00	15.000	30.56	47%	73%	-16.18
	Nov	90.10	28.00	0.00	15.000	29.77	46%	71%	-17.33
	Dec	90.46	28.00	0.00	15.000	29.51	46%	71%	-17.94
2026	Jan	91.11	28.00	0.00	20.000	24.12	42%	72%	-18.99
	Feb	91.51	28.00	0.00	20.000	24.92	42%	72%	-18.59
	Mar	91.90	28.00	0.00	20.000	26.13	43%	73%	-17.77
	Apr	92.30	28.00	0.00	20.000	23.36	41%	70%	-20.94
	May	92.69	28.00	0.00	20.000	26.97	43%	73%	-17.72
	Jun	93.08	28.00	0.00	20.000	29.50	44%	76%	-15.57
	Jul	93.47	28.00	0.00	20.000	28.87	43%	74%	-16.60
	Aug	93.86	28.00	0.00	20.000	30.05	44%	75%	-15.81
	Sep	94.25	28.00	0.00	20.000	30.92	44%	76%	-15.33
	Oct	94.65	28.00	0.00	20.000	30.56	44%	75%	-16.09
	Nov	95.04	28.00	0.00	20.000	29.77	43%	74%	-17.27
	Dec	95.44	28.00	0.00	20.000	29.51	42%	73%	-17.93
2027	Jan	96.11	28.00	0.00	20.000	24.12	39%	67%	-23.99
	Feb	96.54	28.00	0.00	20.000	24.92	39%	67%	-23.61
	Mar	96.96	28.00	0.00	20.000	26.13	40%	68%	-22.83
	Apr	97.39	28.00	0.00	20.000	23.36	38%	65%	-26.03
	May	97.81	28.00	0.00	20.000	26.97	40%	68%	-22.84
	Jun	98.23	28.00	0.00	20.000	29.50	41%	70%	-20.72
	Jul	98.65	28.00	0.00	20.000	28.87	40%	69%	-21.78
	Aug	99.07	28.00	0.00	20.000	30.05	41%	70%	-21.01
	Sep	99.49	28.00	0.00	20.000	30.92	41%	70%	-20.57
	Oct	99.92	28.00	0.00	20.000	30.56	40%	69%	-21.36

	Nov	100.35	28.00	0.00	20.000	29.77	40%	68%	-22.58
	Dec	100.78	28.00	0.00	20.000	29.51	39%	67%	-23.27
2028	Jan	101.46	28.00	0.00	40.000	24.12	36%	88%	-9.34
	Feb	101.93	28.00	0.00	40.000	24.92	36%	88%	-9.01
	Mar	102.39	28.00	0.00	40.000	26.13	37%	89%	-8.26
	Apr	102.85	10.00	0.00	40.000	23.36	13%	63%	-29.49
	May	103.30	10.00	0.00	40.000	26.97	13%	66%	-26.33
	Jun	103.75	10.00	0.00	40.000	29.50	13%	67%	-24.25
	Jul	104.20	10.00	0.00	40.000	28.87	13%	66%	-25.33
	Aug	104.65	10.00	0.00	40.000	30.05	13%	67%	-24.60
	Sep	105.11	10.00	0.00	40.000	30.92	13%	67%	-24.18
	Oct	105.57	10.00	0.00	40.000	30.56	13%	67%	-25.01
	Nov	106.03	10.00	0.00	40.000	29.77	13%	66%	-26.26
	Dec	106.50	10.00	0.00	40.000	29.51	13%	65%	-26.99
2029	Jan	107.10	10.00	0.00	40.000	24.12	12%	60%	-32.98
	Feb	107.65	10.00	0.00	40.000	24.92	12%	60%	-32.73
	Mar	108.19	10.00	0.00	40.000	26.13	12%	61%	-32.06
	Apr	108.72	10.00	0.00	40.000	23.36	12%	59%	-35.36
	May	109.23	10.00	0.00	40.000	26.97	12%	61%	-32.26
	Jun	109.72	10.00	0.00	40.000	29.50	12%	62%	-30.22
	Jul	110.20	10.00	0.00	40.000	28.87	12%	61%	-31.33
	Aug	110.68	10.00	0.00	40.000	30.05	12%	62%	-30.63
	Sep	111.16	10.00	0.00	40.000	30.92	12%	62%	-30.23
	Oct	111.62	10.00	0.00	40.000	30.56	12%	62%	-31.06
	Nov	112.08	10.00	0.00	40.000	29.77	12%	61%	-32.31
	Dec	112.54	10.00	0.00	40.000	29.51	12%	60%	-33.03

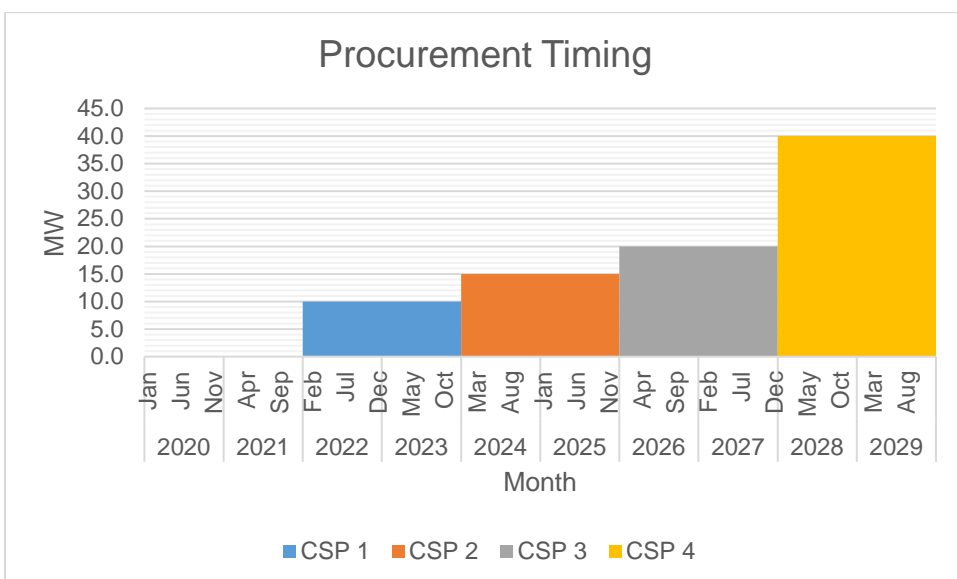
The Peak Demand was forecasted using long term quantitative and was assumed to occur on the month of December due to Christmas season. Monthly Peak Demand is at its lowest on the month of January due to wet season. In general, Peak Demand is expected to grow at a rate of 5.18% annually.



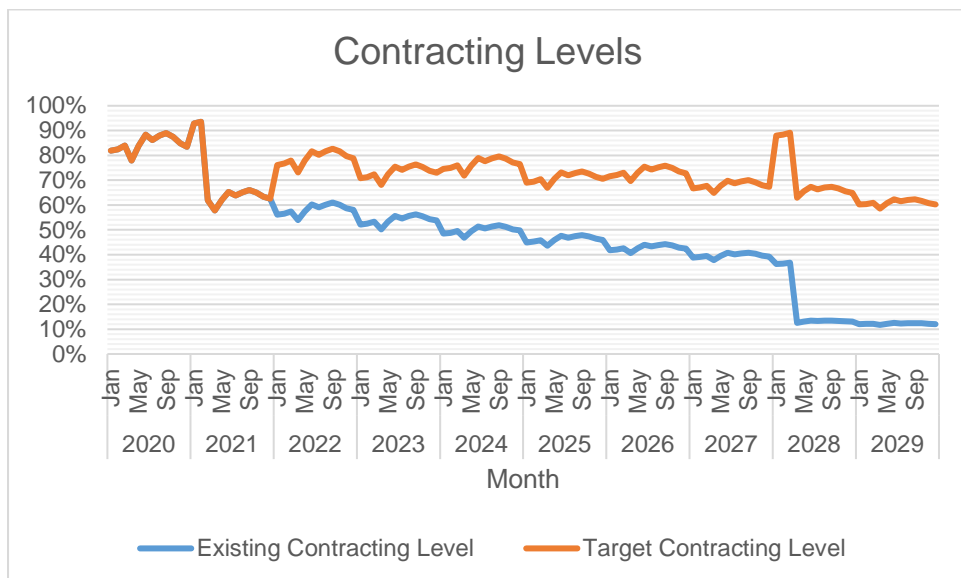
The available supply is generally below the Peak Demand. This is because the contract of one of our supplier will end.



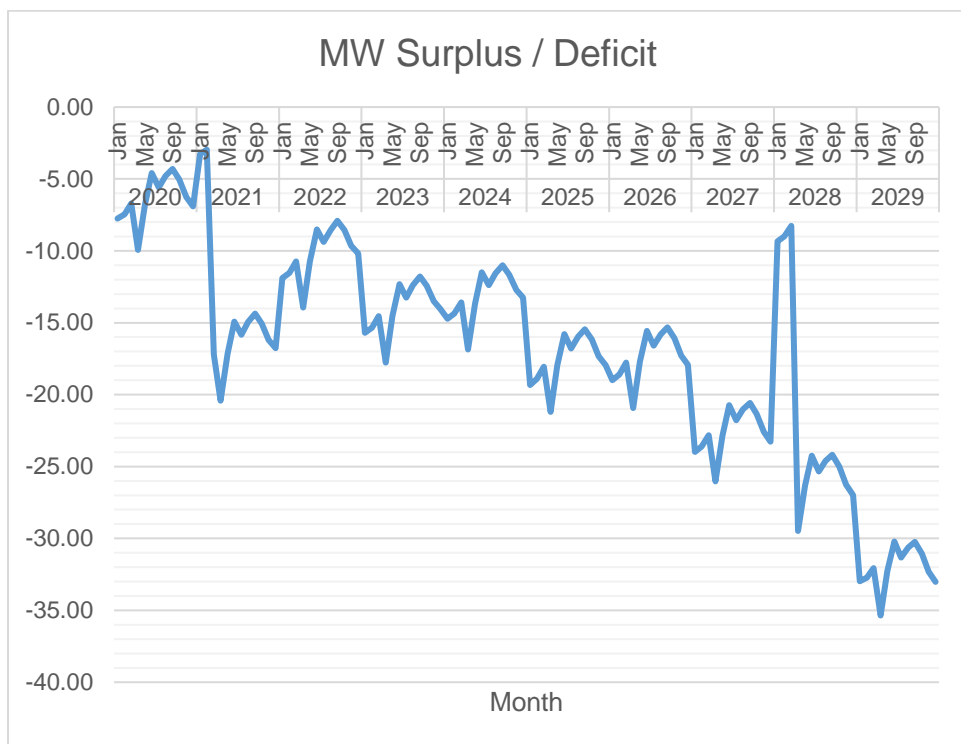
Of the available supply, the largest is 18 MW from CEDC. This is followed by 15 MW from KSPC.



The first wave of supply procurement will be for 12 MW planned to be available by the month of January 2022. This will be followed by 17 MW on January 2024.



Currently, there is no under contracting by 63%. The highest target contracting level is 94 % which is expected to occur on February 2021. The lowest target contracting level is 58% which is expected to occur on April 2021.



Currently, there is under-contacting by 20.42 MW. The highest deficit is 35.36 MW which is expected to occur on the month of April 2029. The lowest deficit is 2.96 MW which is expected to occur on the month of February 2021.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2020	Jan	39,561	36,713	2,806	0.11%	7.10%
	Feb	39,773	36,910	2,821	0.11%	7.10%
	Mar	39,943	37,094	2,807	0.11%	7.04%

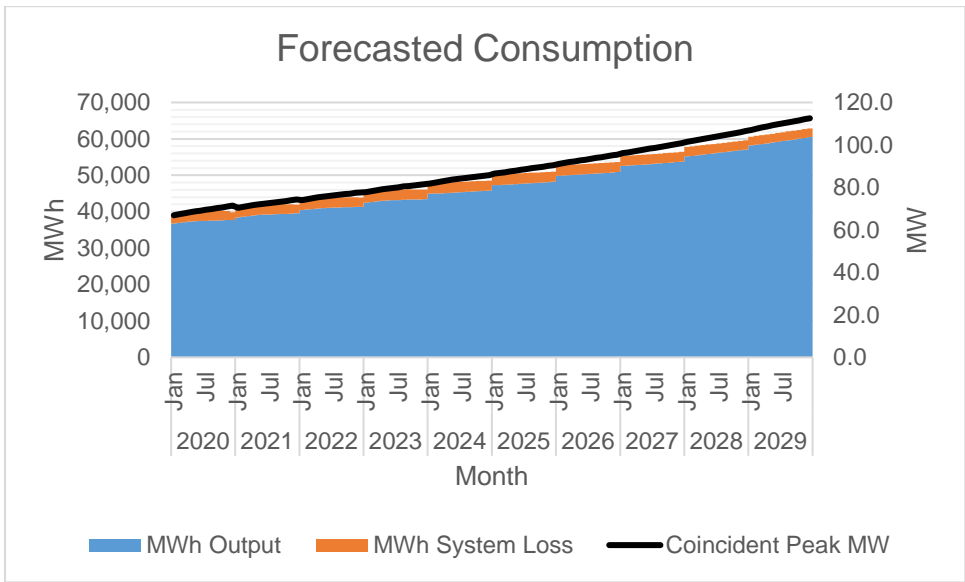
	Apr	40,177	37,252	2,882	0.11%	7.18%
	May	40,239	37,340	2,856	0.11%	7.10%
	Jun	40,271	37,415	2,813	0.10%	6.99%
	Jul	40,186	37,448	2,697	0.10%	6.72%
	Aug	40,262	37,519	2,702	0.10%	6.72%
	Sep	40,322	37,576	2,705	0.10%	6.72%
	Oct	40,289	37,648	2,602	0.10%	6.46%
	Nov	40,220	37,710	2,473	0.09%	6.15%
	Dec	39,901	37,703	2,166	0.08%	5.43%
2021	Jan	41,397	38,405	2,947	0.11%	7.13%
	Feb	41,570	38,590	2,936	0.11%	7.07%
	Mar	41,729	38,763	2,921	0.11%	7.01%
	Apr	41,892	38,944	2,905	0.10%	6.94%
	May	42,008	39,092	2,874	0.10%	6.85%
	Jun	42,061	39,180	2,838	0.10%	6.75%
	Jul	42,062	39,222	2,798	0.10%	6.66%
	Aug	42,150	39,342	2,767	0.10%	6.57%
	Sep	42,143	39,382	2,720	0.10%	6.46%
	Oct	42,108	39,428	2,640	0.09%	6.28%
	Nov	42,084	39,509	2,538	0.09%	6.04%
	Dec	41,947	39,541	2,370	0.08%	5.65%
2022	Jan	43,519	40,490	2,984	0.10%	6.86%
	Feb	43,647	40,636	2,967	0.10%	6.80%
	Mar	43,747	40,756	2,947	0.10%	6.74%
	Apr	43,887	40,918	2,925	0.10%	6.67%
	May	43,956	41,012	2,900	0.10%	6.60%
	Jun	43,987	41,072	2,872	0.10%	6.54%
	Jul	44,006	41,122	2,842	0.10%	6.46%
	Aug	44,042	41,193	2,807	0.10%	6.38%
	Sep	44,021	41,216	2,764	0.09%	6.29%
	Oct	44,006	41,256	2,709	0.09%	6.16%
	Nov	43,974	41,292	2,642	0.09%	6.01%
	Dec	43,930	41,340	2,552	0.09%	5.81%
2023	Jan	45,497	42,477	2,975	0.10%	6.54%
	Feb	45,645	42,641	2,959	0.10%	6.49%
	Mar	45,789	42,802	2,943	0.10%	6.43%
	Apr	45,960	42,991	2,925	0.10%	6.37%
	May	46,072	43,122	2,906	0.09%	6.31%
	Jun	46,122	43,193	2,885	0.09%	6.26%
	Jul	46,099	43,194	2,862	0.09%	6.21%
	Aug	46,160	43,281	2,837	0.09%	6.15%
	Sep	46,166	43,316	2,807	0.09%	6.09%
	Oct	46,156	43,341	2,773	0.09%	6.01%
	Nov	46,140	43,366	2,734	0.09%	5.93%
	Dec	46,123	43,397	2,686	0.09%	5.83%
2024	Jan	47,889	44,904	2,941	0.09%	6.15%
	Feb	47,954	44,980	2,930	0.09%	6.11%
	Mar	48,018	45,056	2,918	0.09%	6.08%
	Apr	48,080	45,130	2,906	0.09%	6.05%

	May	48,141	45,205	2,893	0.09%	6.01%
	Jun	48,202	45,280	2,879	0.09%	5.98%
	Jul	48,265	45,358	2,864	0.09%	5.94%
	Aug	48,329	45,439	2,847	0.09%	5.90%
	Sep	48,393	45,521	2,830	0.09%	5.85%
	Oct	48,458	45,606	2,810	0.09%	5.80%
	Nov	48,522	45,692	2,788	0.09%	5.75%
	Dec	48,585	45,779	2,764	0.09%	5.69%
2025	Jan	50,197	47,265	2,889	0.09%	5.76%
	Feb	50,276	47,351	2,882	0.09%	5.74%
	Mar	50,354	47,436	2,874	0.09%	5.71%
	Apr	50,431	47,521	2,867	0.09%	5.69%
	May	50,507	47,605	2,859	0.08%	5.66%
	Jun	50,583	47,689	2,850	0.08%	5.64%
	Jul	50,659	47,775	2,841	0.08%	5.61%
	Aug	50,738	47,864	2,832	0.08%	5.59%
	Sep	50,817	47,953	2,822	0.08%	5.56%
	Oct	50,899	48,045	2,811	0.08%	5.53%
	Nov	50,982	48,140	2,800	0.08%	5.50%
	Dec	51,067	48,237	2,788	0.08%	5.46%
2026	Jan	52,686	49,826	2,817	0.08%	5.35%
	Feb	52,770	49,914	2,813	0.08%	5.34%
	Mar	52,855	50,003	2,809	0.08%	5.32%
	Apr	52,940	50,093	2,805	0.08%	5.30%
	May	53,025	50,183	2,800	0.08%	5.28%
	Jun	53,111	50,274	2,795	0.08%	5.27%
	Jul	53,200	50,368	2,791	0.08%	5.25%
	Aug	53,292	50,465	2,785	0.08%	5.23%
	Sep	53,386	50,565	2,780	0.08%	5.21%
	Oct	53,484	50,668	2,775	0.08%	5.19%
	Nov	53,586	50,776	2,769	0.08%	5.17%
	Dec	53,691	50,887	2,763	0.08%	5.15%
2027	Jan	55,332	52,570	2,722	0.07%	4.92%
	Feb	55,427	52,667	2,719	0.07%	4.91%
	Mar	55,522	52,764	2,717	0.07%	4.90%
	Apr	55,617	52,862	2,715	0.07%	4.88%
	May	55,712	52,959	2,712	0.07%	4.87%
	Jun	55,807	53,057	2,710	0.07%	4.86%
	Jul	55,905	53,157	2,707	0.07%	4.85%
	Aug	56,008	53,263	2,705	0.07%	4.83%
	Sep	56,113	53,371	2,702	0.07%	4.82%
	Oct	56,222	53,483	2,699	0.07%	4.80%
	Nov	56,336	53,600	2,696	0.07%	4.79%
	Dec	56,455	53,722	2,693	0.07%	4.77%
2028	Jan	57,826	55,191	2,596	0.07%	4.49%
	Feb	57,986	55,353	2,595	0.07%	4.48%
	Mar	58,148	55,516	2,593	0.07%	4.46%
	Apr	58,311	55,680	2,592	0.07%	4.45%
	May	58,476	55,846	2,591	0.07%	4.43%

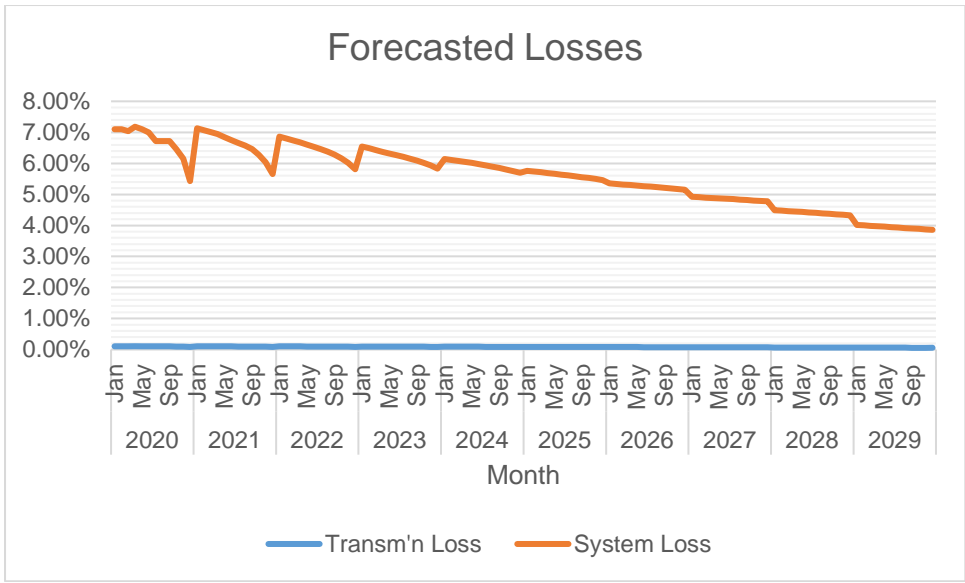
	Jun	58,643	56,015	2,590	0.07%	4.42%
	Jul	58,812	56,185	2,588	0.07%	4.40%
	Aug	58,983	56,357	2,587	0.07%	4.39%
	Sep	59,156	56,531	2,586	0.07%	4.37%
	Oct	59,331	56,708	2,584	0.07%	4.36%
	Nov	59,509	56,887	2,583	0.07%	4.34%
	Dec	59,689	57,069	2,582	0.06%	4.33%
2029	Jan	60,645	58,174	2,434	0.06%	4.02%
	Feb	60,845	58,375	2,434	0.06%	4.00%
	Mar	61,046	58,576	2,433	0.06%	3.99%
	Apr	61,249	58,780	2,433	0.06%	3.97%
	May	61,454	58,985	2,432	0.06%	3.96%
	Jun	61,661	59,193	2,431	0.06%	3.95%
	Jul	61,870	59,402	2,431	0.06%	3.93%
	Aug	62,081	59,614	2,430	0.06%	3.92%
	Sep	62,294	59,829	2,429	0.06%	3.90%
	Oct	62,511	60,045	2,429	0.06%	3.89%
	Nov	62,729	60,265	2,428	0.06%	3.87%
	Dec	62,951	60,487	2,427	0.06%	3.86%

MWh Offtake was forecasted using regression analysis annually and moving average monthly. The assumed load factor is 74%.

System Loss was calculated through a Load Flow Study conducted on January 2020 by Technical Services Group using DSAS 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 4.92% annually.



Transmission Loss is expected to range from 0.06% to 0.13% while System Loss is expected to range from 3.86% to 7.10%.

Power Supply

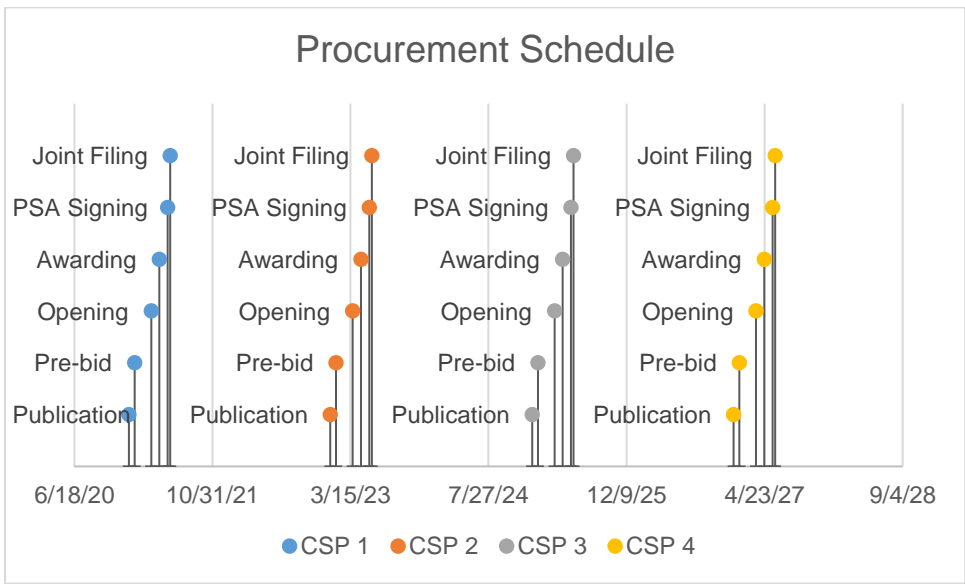
Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2010-158 RC	Base	Cebu Energy Development Corporation	18.00	157,680	3/1/2011	3/25/2028
2007-142 RC	Base	KEPCO SPC Power Corporation	15.00	131,400	3/1/2011	3/1/2021
2014-108 RC	Base	Palm Concepcion Power Corporation	10.00	87,600	6/1/2016	6/1/2031

The PSA with March 1, 2011 filed with ERC under Case No. 2010-158 RC was procured through negotiated contract. It was selected to provide for base requirements due to Power Supply Demand. Historically, the utilization of the PSA is 100%. Outages of the plant led to unserved energy of around 7,200 MWh in the past year. The actual billed overall monthly charge under the PSA ranged from 4.553 P/kWh to 4.553 P/KWh in the same period.

The PSA with March 1, 2011 filed with ERC under Case No. 2007-142 RC was procured through negotiated contract. It was selected to provide for base requirements due to Power Supply Demand. Historically, the utilization of the PSA is 100%. Outages of the plant led to unserved energy of around 10,800 MWh in the past year. The actual billed overall monthly charge under the PSA ranged from 4.9016 P/kWh to 4.9016 P/KWh in the same period.

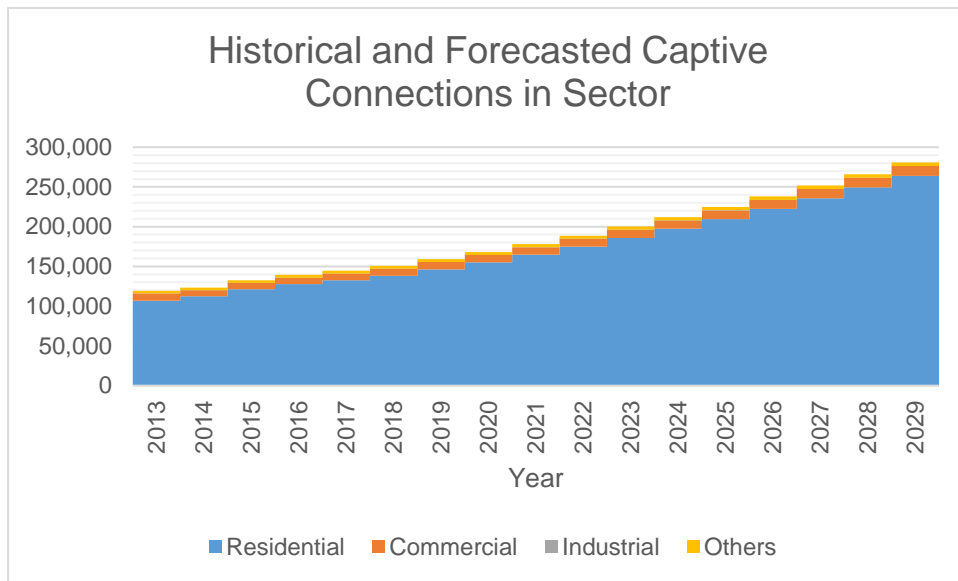
The PSA with June 1, 2016 filed with ERC under Case No. 2014-108 RC was procured through negotiated contract. It was selected to provide for base requirements due to Power Supply Demand. Historically, the utilization of the PSA is 100%. Outages of the plant led to unserved energy of around 7,200 MWh in the past year. The actual billed overall monthly charge under the PSA ranged from 4.575 P/kWh to 4.575 P/KWh in the same period.

	CSP 1	CSP 2	CSP 3	CSP 4
Type	Base	Base	Base	Base
Minimum MW	12.00	18.00	22.00	40.00
Minimum MWh/yr	87,600	131,400	175,200	350,400
PSA Start	1/1/2022	1/1/2024	1/1/2026	1/1/2028
PSA End	12/1/2023	12/1/2025	12/1/2027	12/1/2029
Publication	1/1/2021	1/1/2023	1/1/2025	1/1/2027
Pre-bid	1/22/2021	1/22/2023	1/22/2025	1/22/2027
Opening	3/23/2021	3/23/2023	3/23/2025	3/23/2027
Awarding	4/22/2021	4/22/2023	4/22/2025	4/22/2027
PSA Signing	5/22/2021	5/22/2023	5/22/2025	5/22/2027
Joint Filing	5/31/2021	5/31/2023	5/31/2025	5/31/2027



For the procurement of 12 MW of supply which is planned to be available on January 2022, the first publication or launch of CSP will be on January 2021. Joint filing is planned on May 2021, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

Captive Customer Connections



The number of 146,420 connections is expected to grow at a rate of 5.08% annually. Said customer class is expected to account for 49.24% of the total consumption.