

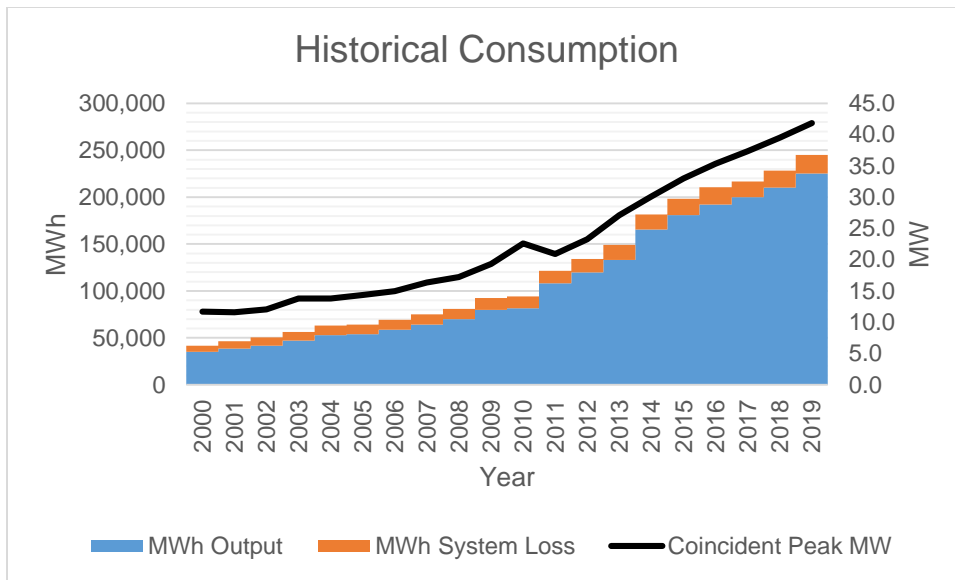
Power Supply Procurement Plan [2020]

[ASELCO]

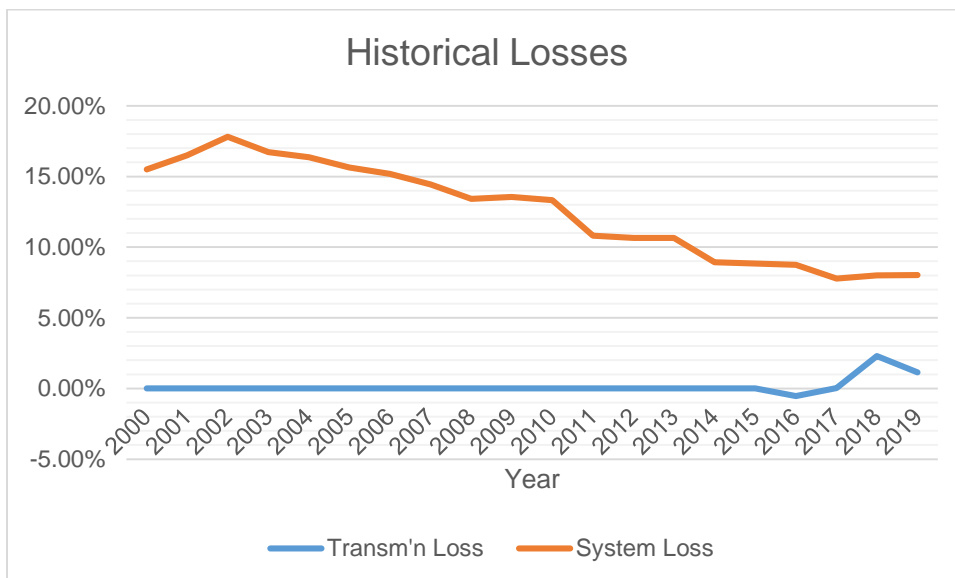
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	11.681	41,481.400	0.000	41,481.400	35,051.688	6,429.712	41%	0.00%	0.00%	15.50%
2001	11.598	46,322.878	0.000	46,322.878	38,684.951	7,637.927	46%	0.00%	0.00%	16.49%
2002	12.055	50,669.557	0.000	50,669.557	41,650.799	9,018.758	48%	0.00%	0.00%	17.80%
2003	13.769	56,448.995	0.000	56,448.995	47,004.211	9,444.784	47%	0.00%	0.00%	16.73%
2004	13.784	63,270.901	0.000	63,270.901	52,921.183	10,349.718	52%	0.00%	0.00%	16.36%
2005	14.344	64,055.467	0.000	64,055.467	54,039.951	10,015.516	51%	0.00%	0.00%	15.64%
2006	14.985	69,190.923	0.000	69,190.923	58,685.907	10,505.016	53%	0.00%	0.00%	15.18%
2007	16.365	75,049.537	0.000	75,049.537	64,208.520	10,841.017	52%	0.00%	0.00%	14.45%
2008	17.230	81,180.537	0.000	81,180.537	70,065.286	10,896.553	54%	-0.27%	0.00%	13.42%
2009	19.336	92,732.609	0.000	92,732.609	79,915.623	12,575.649	55%	-0.26%	0.00%	13.56%
2010	22.601	94,159.162	0.000	94,159.162	81,622.037	12,537.125	48%	0.00%	0.00%	13.31%
2011	20.898	121,419.866	0.000	121,419.866	108,290.849	13,129.017	66%	0.00%	0.00%	10.81%
2012	23.266	134,160.364	0.000	134,160.364	119,859.332	14,301.032	66%	0.00%	0.00%	10.66%
2013	27.127	149,102.323	0.000	149,102.323	133,220.335	15,881.988	63%	0.00%	0.00%	10.65%
2014	30.147	181,645.950	0.000	181,645.950	165,410.013	16,235.937	69%	0.00%	0.00%	8.94%
2015	33.014	198,279.627	0.000	198,279.627	180,739.283	17,540.345	69%	0.00%	0.00%	8.85%
2016	35.358	209,523.016	0.000	210,647.876	192,217.604	18,430.272	68%	0.00%	-0.54%	8.75%
2017	37.341	216,863.775	0.000	216,785.651	199,928.402	16,857.249	66%	0.00%	0.04%	7.78%
2018	39.492	233,760.699	0.000	228,420.545	210,131.508	18,289.037	66%	0.00%	2.28%	8.01%
2019	41.837	247,677.952	0.000	244,845.480	225,211.378	19,634.101	67%	0.00%	1.14%	8.02%

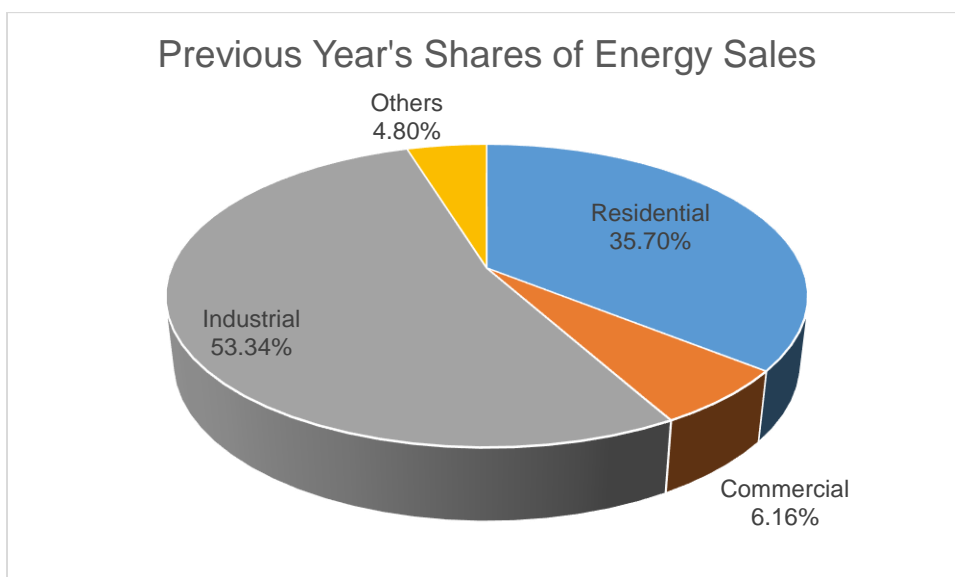
Peak Demand increased from 39.492 MW in 2018 to 41.837 MW in 2019 at a rate of 5.94% due to the increased number of residential customers resulting to an increase in demand. For the year 2016, the cooperative's coincident peak demand reaches 35.358 MW which occurs in the month of August. For the year 2017, the cooperative's coincident peak demand reaches 37.341 MW which occurs in the month of October. For the year 2018, the cooperative's coincident peak demand reaches 39.492 MW which occurs in the month of November. MWh Offtake increased from 233,760.699 MWh in 2018 to 247,677.952 MWh in 2019 at a rate of 5.95% due to the increased consumption of residential customers. Within the same period, Load Factor ranged from 66% to 67%. There was an abrupt change in consumption on residential customers due to the energization of residential customers who had availed the Nationwide Intensification of Household Electrification (NIHE) grant by the Department of Energy (DOE) and Sitio Electrification Project and Barangay Line Enhancement Program (SEP/BLEP) from the National Electrification Administration (NEA).



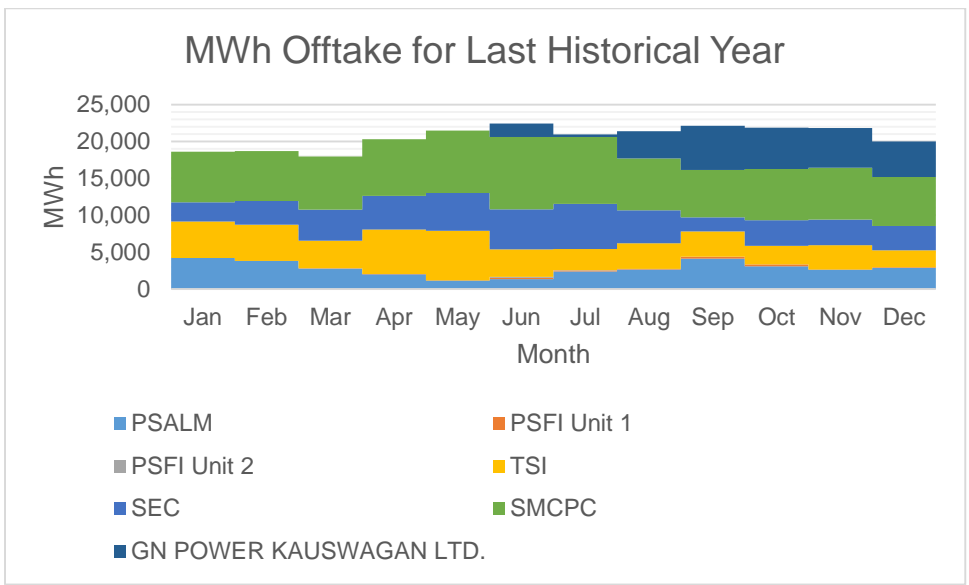
MWh Output increased from year 2000 to year 2019 at a rate of 10.52%, while System Loss decreased from 15.50% to 8.02% within the same period.



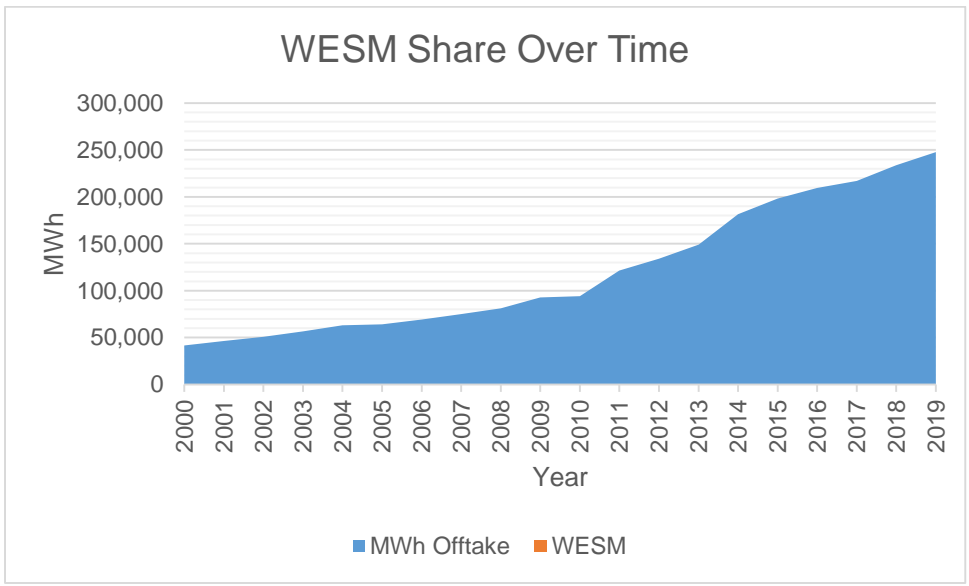
Historically, System Loss peaked at 17.80% on year 2002.



Industrial customers account for the bulk of energy sales at 53.34% despite of the low number of connections. In contrast, other customers composed of Public Buildings and Street Lights customers accounted for only 4.80% of energy sales due to the low number of connections.

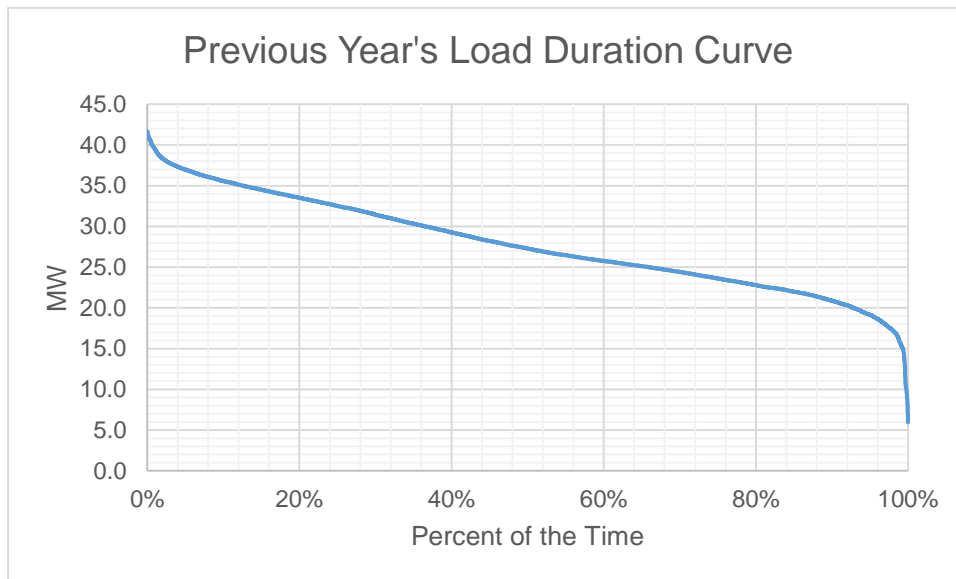


For SMCPC, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with SMCPC accounts for the bulk of MWh Offtake.

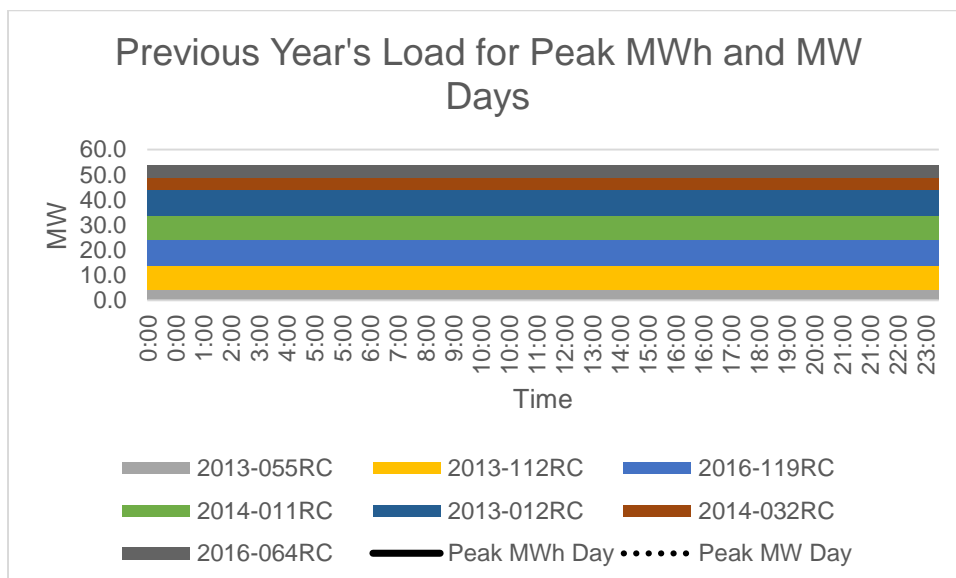


WESM Offtake is Zero MWh from year 2000 to 2019 since the cooperative didn't purchased electricity in the market.

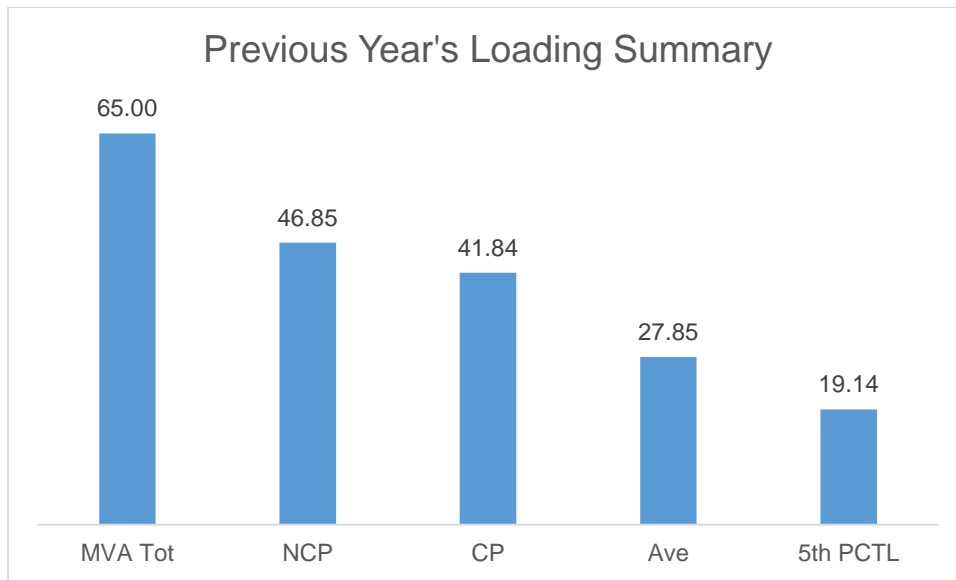
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 5.962 MW and the maximum load is 41.837 MW for the last historical year.



As shown in the Load Curves, the available supply is higher than the Peak Demand.



The Non-coincident Peak Demand is 46.85 MW, which is around 72.08% of the total substation capacity of 65 MVA at a power factor of 94.54%. The load factor or the ratio between the Average Load of 27.85 MW and the Non-coincident Peak Demand is 59.42% of. A safe estimate of the true minimum load is the fifth percentile load of 19.14 MW which is 40.85% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
M2 (San Francisco)	10	9.679
M4 (Bayugan)	10	7.892
M7 (Trento)	10	7.172
M5 (Philsaga)	20	12.109
M6 (Pisaan and Talacogon)	15	9.994

The substations loaded at above 70% are San Francisco Substation, Bayugan Substation, and Trento Substation. The loading problem in Bayugan Substation will be solved by uprating the Power Transformer from 10 MVA to 20 MVA. The loading problem in San Francisco Substation will be solved by the energization of the 5 MVA Rosario Substation. The loading problem in Trento Substation will be solved by load shifting from Trento Substation to Talacogon Substation.

Forecasted Consumption Data

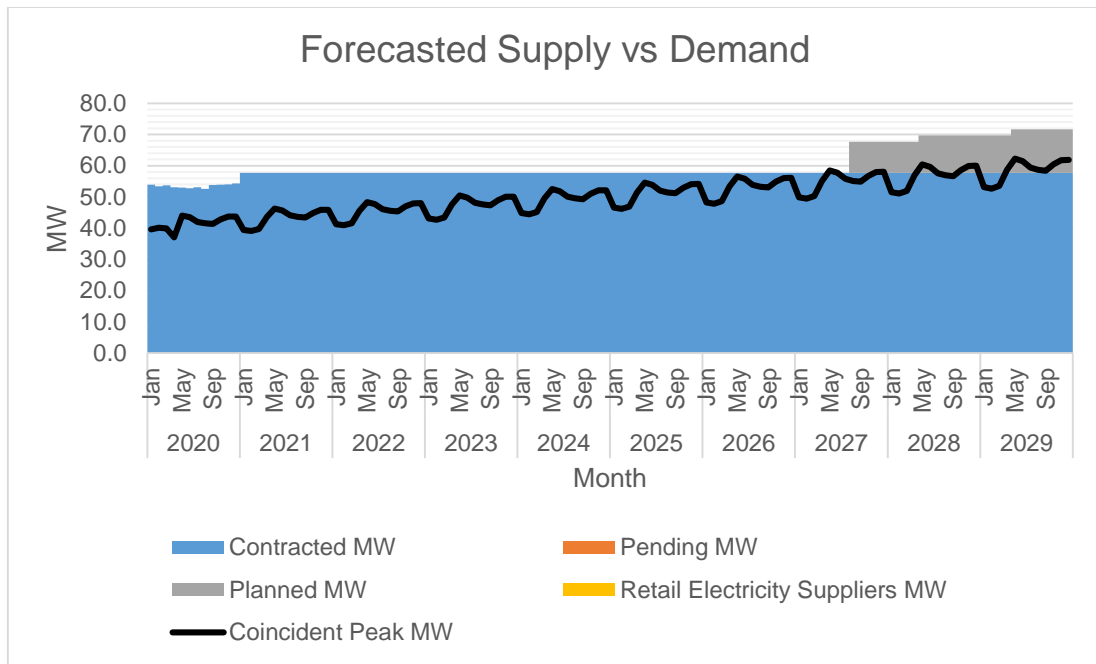
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2020	Jan	39.643	53.965	0.000	0.000		136%	136%	14.32
	Feb	40.161	53.467	0.000	0.000		133%	133%	13.31
	Mar	39.910	53.760	0.000	0.000		135%	135%	13.85
	Apr	37.054	53.070	0.000	0.000		143%	143%	16.02
	May	44.062	53.014	0.000	0.000		120%	120%	8.95
	Jun	43.485	52.840	0.000	0.000		122%	122%	9.35
	Jul	42.010	53.060	0.000	0.000		126%	126%	11.05
	Aug	41.524	52.634	0.000	0.000		127%	127%	11.11
	Sep	41.321	53.837	0.000	0.000		130%	130%	12.52
	Oct	42.764	53.907	0.000	0.000		126%	126%	11.14
	Nov	43.691	53.985	0.000	0.000		124%	124%	10.29
	Dec	43.746	54.290	0.000	0.000		124%	124%	10.54
2021	Jan	39.439	57.720	0.00	0.000		146%	146%	18.28
	Feb	39.101	57.720	0.00	0.000		148%	148%	18.62
	Mar	39.768	57.720	0.00	0.000		145%	145%	17.95
	Apr	43.593	57.720	0.00	0.000		132%	132%	14.13
	May	46.242	57.720	0.00	0.000		125%	125%	11.48
	Jun	45.637	57.720	0.00	0.000		126%	126%	12.08
	Jul	44.088	57.720	0.00	0.000		131%	131%	13.63
	Aug	43.578	57.720	0.00	0.000		132%	132%	14.14
	Sep	43.365	57.720	0.00	0.000		133%	133%	14.35
	Oct	44.879	57.720	0.00	0.000		129%	129%	12.84
	Nov	45.852	57.720	0.00	0.000		126%	126%	11.87
	Dec	45.910	57.720	0.00	0.000		126%	126%	11.81
2022	Jan	41.266	57.720	0.00	0.000		140%	140%	16.45
	Feb	40.913	57.720	0.00	0.000		141%	141%	16.81
	Mar	41.611	57.720	0.00	0.000		139%	139%	16.11
	Apr	45.613	57.720	0.00	0.000		127%	127%	12.11

	May	48.384	57.720	0.00	0.000		119%	119%	9.34
	Jun	47.751	57.720	0.00	0.000		121%	121%	9.97
	Jul	46.130	57.720	0.00	0.000		125%	125%	11.59
	Aug	45.597	57.720	0.00	0.000		127%	127%	12.12
	Sep	45.374	57.720	0.00	0.000		127%	127%	12.35
	Oct	46.958	57.720	0.00	0.000		123%	123%	10.76
	Nov	47.977	57.720	0.00	0.000		120%	120%	9.74
	Dec	48.037	57.720	0.00	0.000		120%	120%	9.68
2023	Jan	43.060	57.720	0.00	0.000		134%	134%	14.66
	Feb	42.691	57.720	0.00	0.000		135%	135%	15.03
	Mar	43.419	57.720	0.00	0.000		133%	133%	14.30
	Apr	47.595	57.720	0.00	0.000		121%	121%	10.12
	May	50.487	57.720	0.00	0.000		114%	114%	7.23
	Jun	49.826	57.720	0.00	0.000		116%	116%	7.89
	Jul	48.135	57.720	0.00	0.000		120%	120%	9.58
	Aug	47.578	57.720	0.00	0.000		121%	121%	10.14
	Sep	47.347	57.720	0.00	0.000		122%	122%	10.37
	Oct	48.999	57.720	0.00	0.000		118%	118%	8.72
	Nov	50.062	57.720	0.00	0.000		115%	115%	7.66
	Dec	50.125	57.720	0.00	0.000		115%	115%	7.59
2024	Jan	44.819	57.720	0.00	0.000		129%	129%	12.90
	Feb	44.435	57.720	0.00	0.000		130%	130%	13.28
	Mar	45.194	57.720	0.00	0.000		128%	128%	12.53
	Apr	49.540	57.720	0.00	0.000		117%	117%	8.18
	May	52.550	57.720	0.00	0.000		110%	110%	5.17
	Jun	51.862	57.720	0.00	0.000		111%	111%	5.86
	Jul	50.102	57.720	0.00	0.000		115%	115%	7.62
	Aug	49.523	57.720	0.00	0.000		117%	117%	8.20
	Sep	49.281	57.720	0.00	0.000		117%	117%	8.44
	Oct	51.002	57.720	0.00	0.000		113%	113%	6.72
	Nov	52.107	57.720	0.00	0.000		111%	111%	5.61
	Dec	52.173	57.720	0.00	0.000		111%	111%	5.55
2025	Jan	46.545	57.720	0.00	0.000		124%	124%	11.17

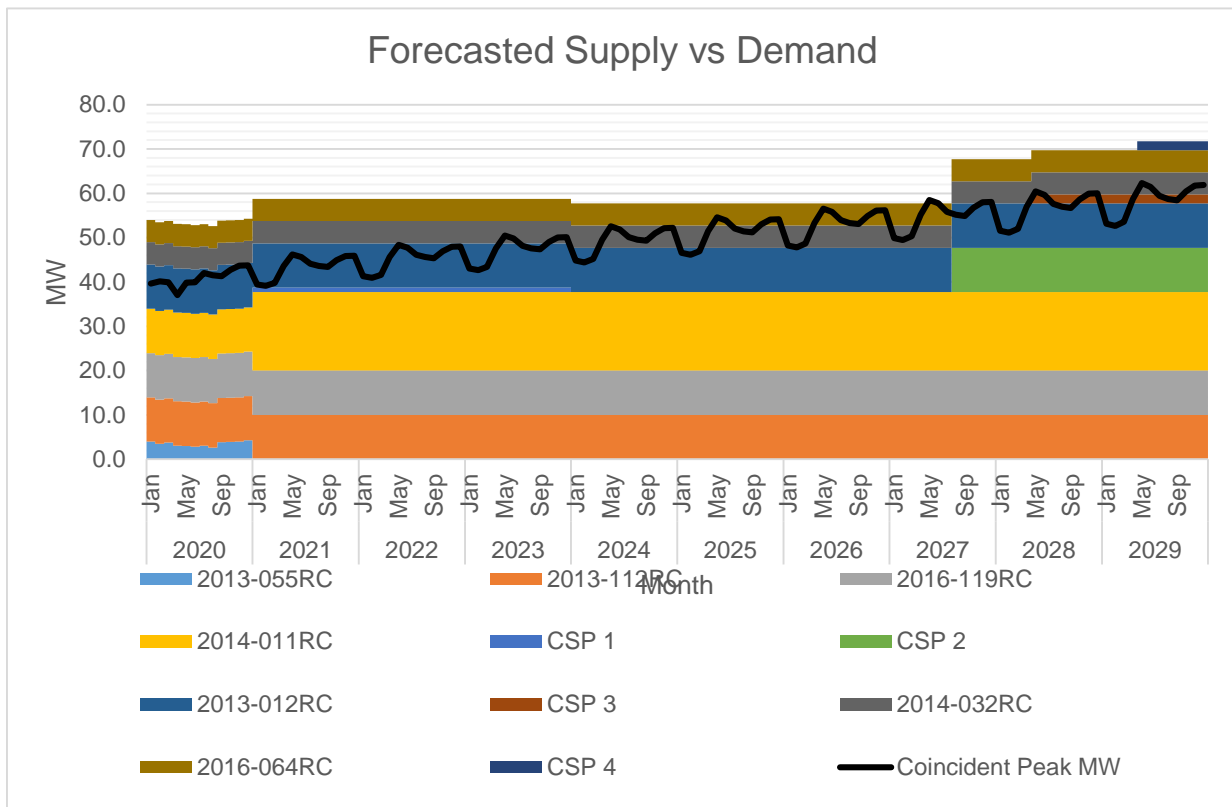
	Feb	46.146	57.720	0.00	0.000		125%	125%	11.57
	Mar	46.934	57.720	0.00	0.000		123%	123%	10.79
	Apr	51.448	57.720	0.00	0.000		112%	112%	6.27
	May	54.574	57.720	0.00	0.000		106%	106%	3.15
	Jun	53.859	57.720	0.00	0.000		107%	107%	3.86
	Jul	52.032	57.720	0.00	0.000		111%	111%	5.69
	Aug	51.429	57.720	0.00	0.000		112%	112%	6.29
	Sep	51.179	57.720	0.00	0.000		113%	113%	6.54
	Oct	52.966	57.720	0.00	0.000		109%	109%	4.75
	Nov	54.114	57.720	0.00	0.000		107%	107%	3.61
	Dec	54.182	57.720	0.00	0.000		107%	107%	3.54
2026	Jan	48.238	57.720	0.00	0.000		120%	120%	9.48
	Feb	47.824	57.720	0.00	0.000		121%	121%	9.90
	Mar	48.641	57.720	0.00	0.000		119%	119%	9.08
	Apr	53.319	57.720	0.00	0.000		108%	108%	4.40
	May	56.558	57.720	0.00	0.000		102%	102%	1.16
	Jun	55.818	57.720	0.00	0.000		103%	103%	1.90
	Jul	53.924	57.720	0.00	0.000		107%	107%	3.80
	Aug	53.300	57.720	0.00	0.000		108%	108%	4.42
	Sep	53.040	57.720	0.00	0.000		109%	109%	4.68
	Oct	54.892	57.720	0.00	0.000		105%	105%	2.83
	Nov	56.082	57.720	0.00	0.000		103%	103%	1.64
	Dec	56.153	57.720	0.00	0.000		103%	103%	1.57
2027	Jan	49.898	57.720	0.00	0.000		116%	116%	7.82
	Feb	49.470	57.720	0.00	0.000		117%	117%	8.25
	Mar	50.315	57.720	0.00	0.000		115%	115%	7.41
	Apr	55.154	57.720	0.00	0.000		105%	105%	2.57
	May	58.505	57.720	0.00	0.000		99%	99%	-0.78
	Jun	57.739	57.720	0.00	0.000		100%	100%	-0.02
	Jul	55.780	57.720	0.00	0.000		103%	103%	1.94
	Aug	55.134	57.720	0.00	10.000		105%	123%	12.59
	Sep	54.866	57.720	0.00	10.000		105%	123%	12.85
	Oct	56.781	57.720	0.00	10.000		102%	119%	10.94

	Nov	58.012	57.720	0.00	10.000		99%	117%	9.71
	Dec	58.086	57.720	0.00	10.000		99%	117%	9.63
2028	Jan	51.527	57.720	0.00	10.000		112%	131%	16.19
	Feb	51.085	57.720	0.00	10.000		113%	133%	16.63
	Mar	51.957	57.720	0.00	10.000		111%	130%	15.76
	Apr	56.954	57.720	0.00	10.000		101%	119%	10.77
	May	60.415	57.720	0.00	12.000		96%	115%	9.31
	Jun	59.624	57.720	0.00	12.000		97%	117%	10.10
	Jul	57.601	57.720	0.00	12.000		100%	121%	12.12
	Aug	56.934	57.720	0.00	12.000		101%	122%	12.79
	Sep	56.657	57.720	0.00	12.000		102%	123%	13.06
	Oct	58.635	57.720	0.00	12.000		98%	119%	11.09
	Nov	59.906	57.720	0.00	12.000		96%	116%	9.81
	Dec	59.982	57.720	0.00	12.000		96%	116%	9.74
2029	Jan	53.126	57.720	0.00	12.000		109%	131%	16.59
	Feb	52.670	57.720	0.00	12.000		110%	132%	17.05
	Mar	53.569	57.720	0.00	12.000		108%	130%	16.15
	Apr	58.721	57.720	0.00	12.000		98%	119%	11.00
	May	62.289	57.720	0.00	14.000		93%	115%	9.43
	Jun	61.474	57.720	0.00	14.000		94%	117%	10.25
	Jul	59.388	57.720	0.00	14.000		97%	121%	12.33
	Aug	58.700	57.720	0.00	14.000		98%	122%	13.02
	Sep	58.414	57.720	0.00	14.000		99%	123%	13.31
	Oct	60.454	57.720	0.00	14.000		95%	119%	11.27
	Nov	61.764	57.720	0.00	14.000		93%	116%	9.96
	Dec	61.843	57.720	0.00	14.000		93%	116%	9.88

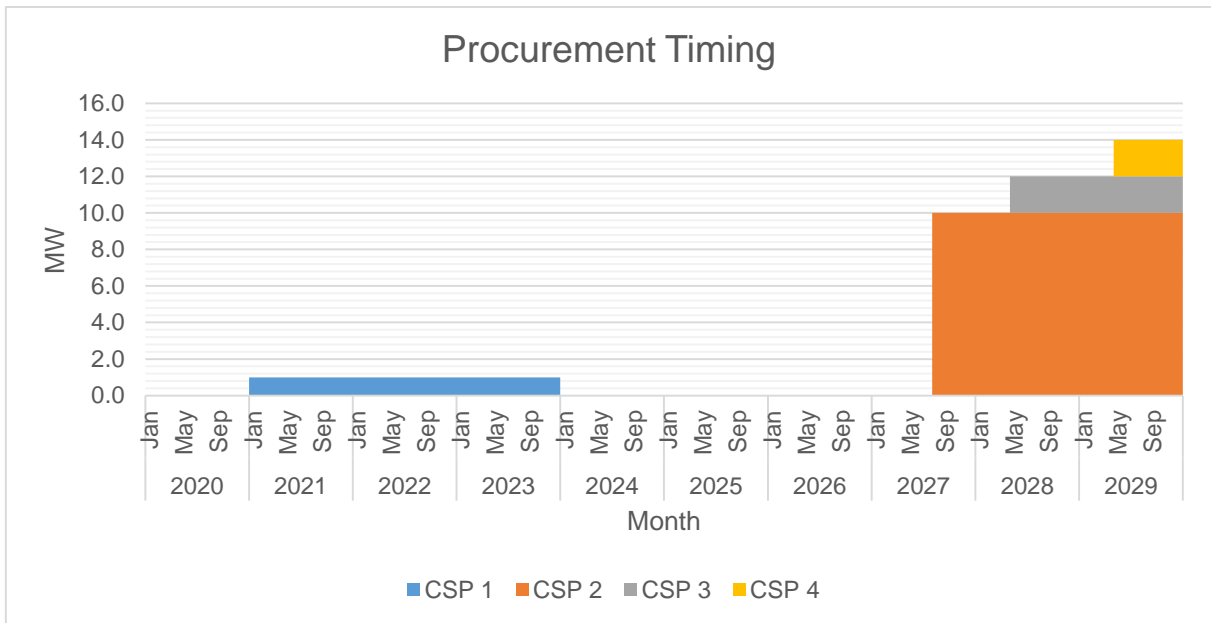
The Peak Demand was forecasted using the 56 Forecasting Models based on the 7 year historical data and was assumed to occur on the month of May due to summer season and harvest time of rice fields. Monthly Peak Demand is at its lowest on the month of February due to the wet season in Agusan del Sur occurs in this month. In general, Peak Demand is expected to grow at a rate of 4.06% annually.



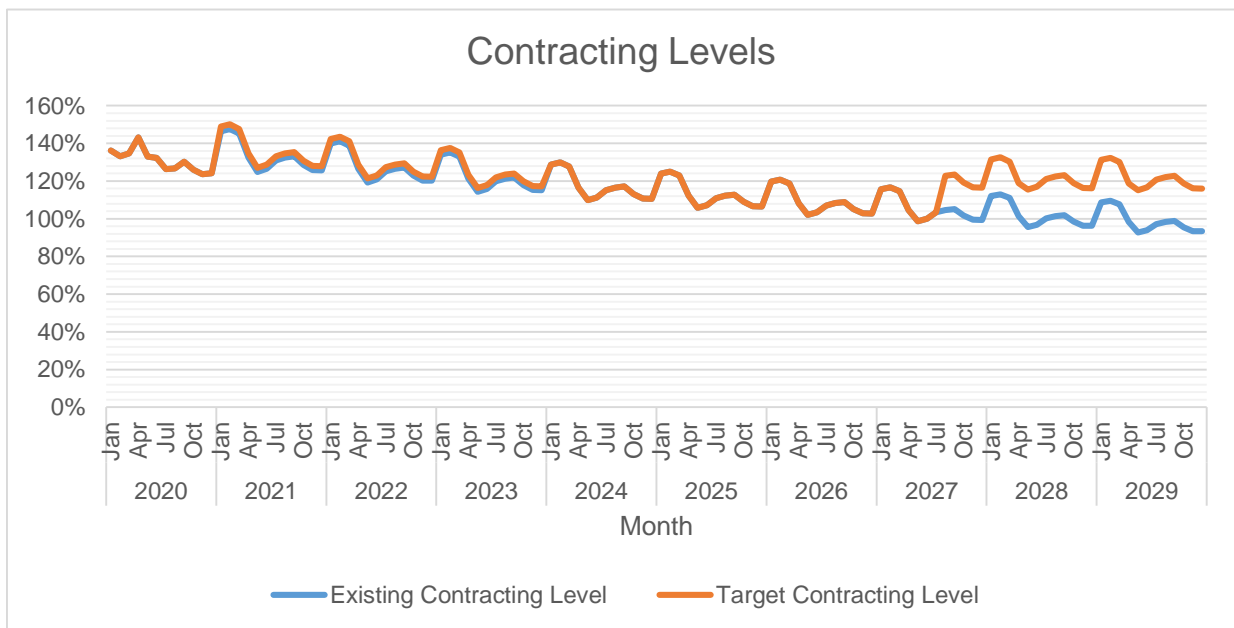
The available supply is generally above the Peak Demand. This is because the cooperative had contracted enough power supply to accommodate increasing demand of the franchise area.



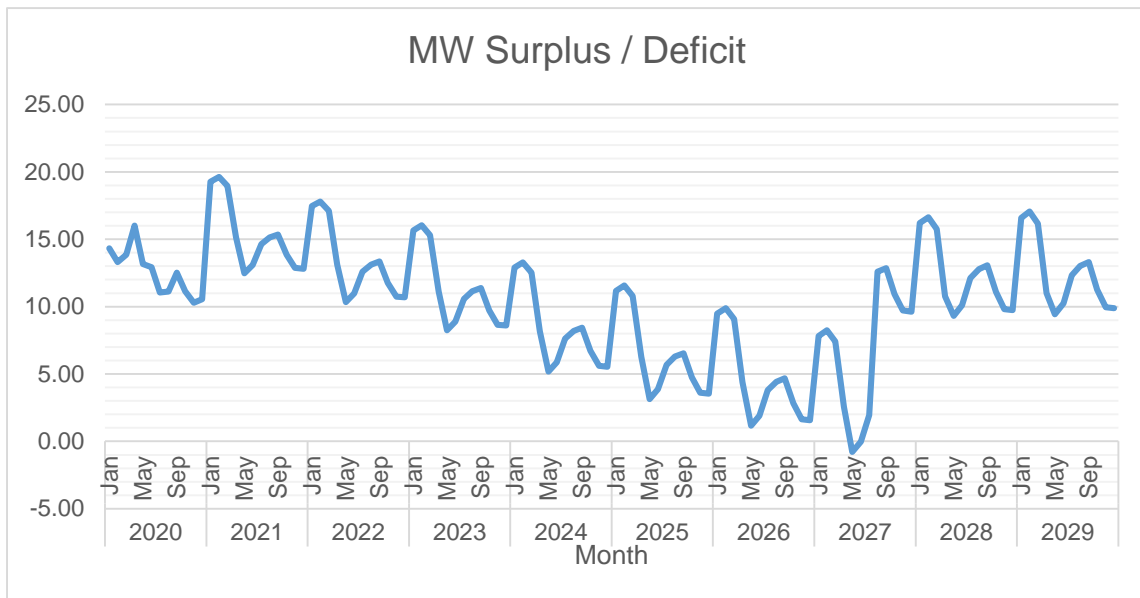
Of the available supply, the largest is 17.72 MW from GN Power Kauswagan Ltd. This is followed by 10 MW from Therma South Incorporated (TSI), 10 MW from San Miguel Consolidated Power Corporation (SMPCP) and 10 MW from Sarangani Energy Corporation (SEC). The cooperative also has a contract with Power Sector Assets and Liabilities Management Corporation (PSALM) with an average contracted demand of 3.486 MW. The cooperative also have an embedded generator from Peakpower San Francisco Inc. (PSFI) for two units of 5 MW Diesel Generator.



The first wave of supply procurement will be for 1 MW planned to be available by the month of December 2020 which is the Contract for the Supply of Electric Energy from PSALM. The Power Supply Contract between PSALM and ASELCO ends on December 25, 2020. The cooperative entered for an extension of contract with PSALM for Three (3) Years starting December 26, 2020 to December 25, 2023. This will be followed by 10 MW which will be available on August 2027.



Currently, there is over-contracting by 148%. The highest target contracting level is 148% which is expected to occur on February 2021. The lowest target contracting level is 99% which is expected to occur on May 2027.



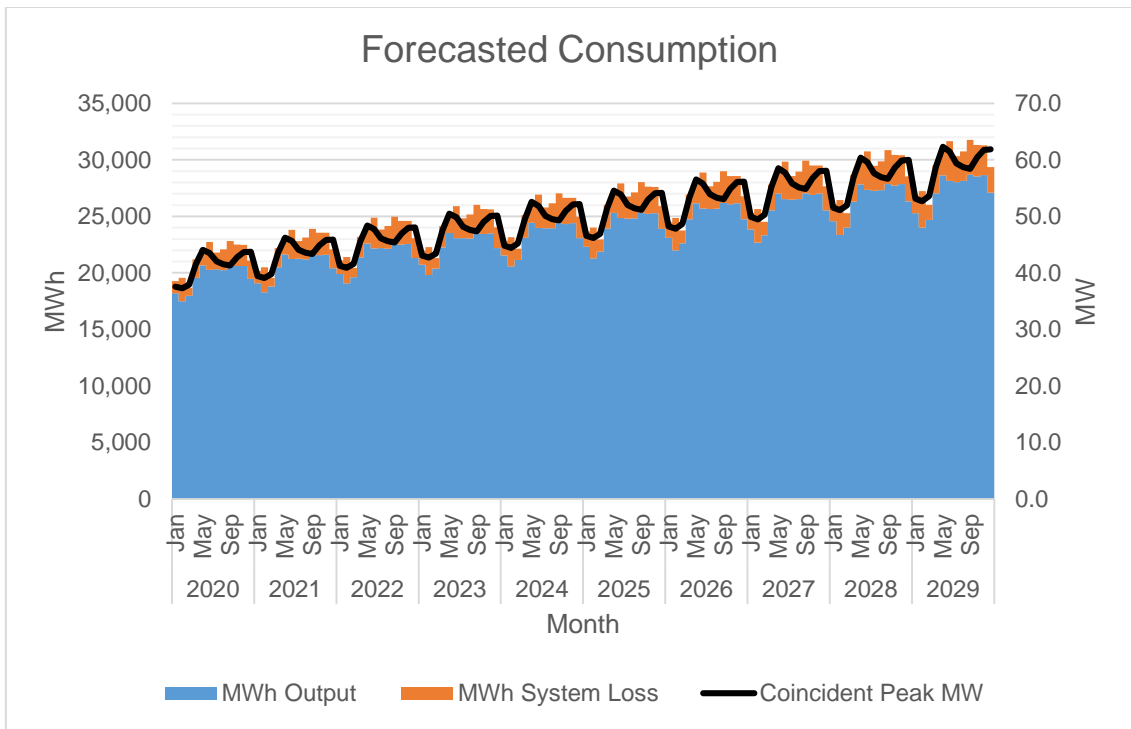
Currently, there is over-contracting by 19.619 MW. The highest surplus is 19.619 MW which is expected to occur on the month of February 2021. The lowest deficit is 0.785 MW which is expected to occur on the month of May 2027.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2020	Jan	19,990	18,199	1,084	3.54%	5.62%
	Feb	20,274	17,487	2,071	3.53%	10.59%
	Mar	20,065	17,979	712	6.85%	3.81%
	Apr	21,236	19,566	1,627	0.20%	7.68%
	May	22,490	20,663	1,477	1.56%	6.67%
	Jun	23,456	20,261	2,478	3.05%	10.90%
	Jul	21,942	20,322	1,461	0.73%	6.71%
	Aug	22,384	20,235	1,850	1.34%	8.38%
	Sep	23,166	20,622	2,198	1.49%	9.63%
	Oct	22,864	20,594	1,901	1.61%	8.45%
	Nov	22,851	20,609	1,873	1.61%	8.33%
	Dec	21,168	19,465	1,626	0.37%	7.71%
2021	Jan	20,384	19,064	1,130	0.93%	5.60%
	Feb	20,491	18,287	2,194	0.05%	10.71%
	Mar	19,689	18,802	772	0.59%	3.94%
	Apr	22,236	20,482	1,712	0.19%	7.72%
	May	23,535	21,637	1,548	1.49%	6.68%
	Jun	24,529	21,224	2,589	2.92%	10.87%
	Jul	22,971	21,266	1,546	0.69%	6.78%
	Aug	23,427	21,197	1,930	1.28%	8.34%
	Sep	24,243	21,604	2,293	1.43%	9.60%
	Oct	23,926	21,563	1,994	1.54%	8.46%
	Nov	23,913	21,592	1,952	1.54%	8.29%
	Dec	22,164	20,396	1,691	0.35%	7.66%
2022	Jan	21,288	19,908	1,189	0.89%	5.64%
	Feb	21,407	19,067	2,331	0.04%	10.89%
	Mar	20,565	19,604	845	0.56%	4.13%
	Apr	23,229	21,374	1,812	0.18%	7.82%

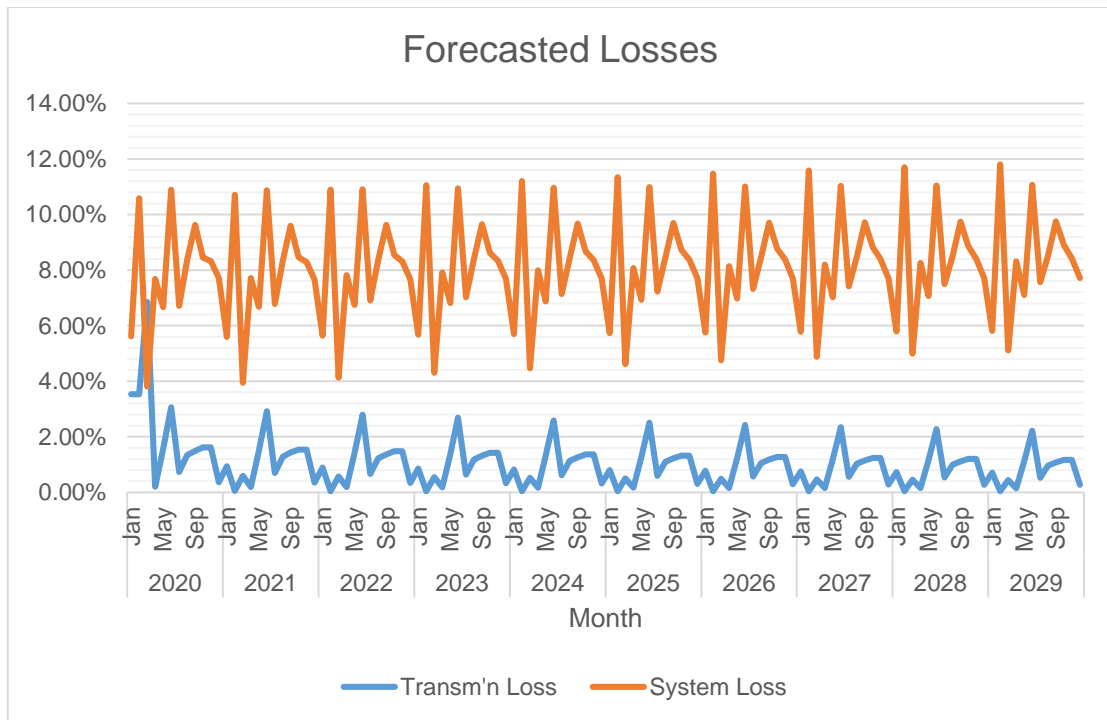
	May	24,572	22,587	1,635	1.43%	6.75%
	Jun	25,594	22,165	2,714	2.80%	10.91%
	Jul	23,991	22,186	1,646	0.66%	6.91%
	Aug	24,461	22,138	2,024	1.23%	8.38%
	Sep	25,312	22,563	2,403	1.37%	9.63%
	Oct	24,980	22,509	2,102	1.48%	8.54%
	Nov	24,966	22,552	2,046	1.48%	8.32%
	Dec	23,152	21,305	1,770	0.33%	7.67%
2023	Jan	22,169	20,732	1,247	0.86%	5.67%
	Feb	22,301	19,827	2,465	0.04%	11.06%
	Mar	21,419	20,385	918	0.54%	4.31%
	Apr	24,197	22,245	1,910	0.18%	7.91%
	May	25,584	23,514	1,720	1.37%	6.82%
	Jun	26,634	23,082	2,835	2.69%	10.94%
	Jul	24,987	23,083	1,744	0.64%	7.03%
	Aug	25,470	23,055	2,116	1.18%	8.41%
	Sep	26,355	23,499	2,510	1.31%	9.65%
	Oct	26,007	23,432	2,207	1.42%	8.61%
	Nov	25,993	23,488	2,137	1.42%	8.34%
	Dec	24,116	22,192	1,847	0.32%	7.68%
2024	Jan	23,029	21,536	1,302	0.83%	5.70%
	Feb	23,173	20,568	2,596	0.04%	11.21%
	Mar	22,252	21,147	989	0.52%	4.47%
	Apr	25,142	23,094	2,006	0.17%	7.99%
	May	26,571	24,418	1,803	1.32%	6.88%
	Jun	27,647	23,977	2,954	2.59%	10.97%
	Jul	25,958	23,958	1,841	0.61%	7.13%
	Aug	26,455	23,951	2,205	1.13%	8.43%
	Sep	27,372	24,412	2,614	1.26%	9.67%
	Oct	27,010	24,332	2,310	1.37%	8.67%
	Nov	26,995	24,402	2,225	1.37%	8.36%
	Dec	25,056	23,058	1,921	0.31%	7.69%
2025	Jan	23,867	22,321	1,356	0.80%	5.73%
	Feb	24,024	21,290	2,724	0.04%	11.34%
	Mar	23,065	21,890	1,059	0.50%	4.62%
	Apr	26,064	23,923	2,099	0.16%	8.07%
	May	27,534	25,300	1,884	1.27%	6.93%
	Jun	28,636	24,851	3,069	2.50%	10.99%
	Jul	26,905	24,811	1,935	0.59%	7.24%
	Aug	27,416	24,825	2,291	1.09%	8.45%
	Sep	28,365	25,303	2,716	1.22%	9.69%
	Oct	27,989	25,210	2,410	1.32%	8.73%
	Nov	27,973	25,294	2,311	1.32%	8.37%
	Dec	25,974	23,903	1,994	0.30%	7.70%
2026	Jan	24,687	23,087	1,409	0.77%	5.75%
	Feb	24,855	21,995	2,850	0.04%	11.47%
	Mar	23,859	22,615	1,128	0.49%	4.75%
	Apr	26,964	24,732	2,191	0.16%	8.14%
	May	28,475	26,162	1,963	1.23%	6.98%

	Jun	29,602	25,705	3,182	2.42%	11.01%
	Jul	27,831	25,643	2,028	0.57%	7.33%
	Aug	28,354	25,679	2,375	1.06%	8.47%
	Sep	29,334	26,174	2,815	1.18%	9.71%
	Oct	28,944	26,068	2,508	1.27%	8.78%
	Nov	28,928	26,165	2,394	1.27%	8.38%
	Dec	26,870	24,729	2,064	0.29%	7.70%
2027	Jan	25,487	23,836	1,460	0.75%	5.77%
	Feb	25,666	22,683	2,974	0.04%	11.59%
	Mar	24,635	23,323	1,197	0.47%	4.88%
	Apr	27,844	25,522	2,280	0.15%	8.20%
	May	29,394	27,004	2,040	1.19%	7.02%
	Jun	30,546	26,539	3,291	2.34%	11.03%
	Jul	28,735	26,457	2,119	0.56%	7.41%
	Aug	29,270	26,514	2,457	1.02%	8.48%
	Sep	30,281	27,024	2,911	1.14%	9.72%
	Oct	29,878	26,906	2,604	1.23%	8.82%
	Nov	29,862	27,017	2,476	1.23%	8.40%
	Dec	27,745	25,535	2,132	0.28%	7.71%
2028	Jan	26,269	24,568	1,511	0.72%	5.79%
	Feb	26,460	23,355	3,096	0.03%	11.70%
	Mar	25,393	24,014	1,263	0.46%	5.00%
	Apr	28,704	26,294	2,368	0.15%	8.26%
	May	30,292	27,826	2,115	1.16%	7.06%
	Jun	31,469	27,355	3,398	2.28%	11.05%
	Jul	29,619	27,251	2,208	0.54%	7.49%
	Aug	30,166	27,330	2,536	0.99%	8.49%
	Sep	31,207	27,856	3,005	1.11%	9.74%
	Oct	30,791	27,725	2,697	1.20%	8.87%
	Nov	30,774	27,850	2,555	1.20%	8.40%
	Dec	28,601	26,325	2,199	0.27%	7.71%
2029	Jan	27,035	25,285	1,559	0.70%	5.81%
	Feb	27,236	24,013	3,215	0.03%	11.81%
	Mar	26,135	24,690	1,329	0.44%	5.11%
	Apr	29,545	27,050	2,453	0.14%	8.32%
	May	31,171	28,632	2,189	1.12%	7.10%
	Jun	32,372	28,153	3,503	2.21%	11.07%
	Jul	30,483	28,028	2,296	0.52%	7.57%
	Aug	31,043	28,129	2,614	0.97%	8.50%
	Sep	32,113	28,670	3,098	1.08%	9.75%
	Oct	31,684	28,527	2,789	1.16%	8.90%
	Nov	31,666	28,665	2,633	1.16%	8.41%
	Dec	29,438	27,097	2,264	0.26%	7.71%

System Loss was calculated through a Load Flow Study conducted by the cooperative's System Engineer 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 3.80% annually.



System Loss is expected to range from 3.94% to 11.81%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2013-055RC	Base	Power Sector Assets and Liabilities Management Corporation	3.486	24.479	12/26/2017	12/25/2020
2014-032RC	Peaking	Peakpower San Francisco, Inc.	3.000	72.000	3/26/2015	3/25/2030
2013-112RC	Base	Therma South, Inc.	4.000	35,040	9/26/2015	9/25/2040
2013-012RC	Intermediate	Sarangani Energy Corporation	4.000	35,040	4/29/2016	4/28/2041
2016-119RC	Base	San Miguel Consolidated Power Corporation	4.000	35,040	7/26/2017	7/25/2027
2016-064RC	Peaking	Peakpower San Francisco, Inc.	3.000	72.000	1/26/2018	1/25/2033
2014-011RC	Base	GN Power Kauswagan Ltd.	7.088	62,090.880	8/8/2019	8/7/2039

The PSA with Power Sector Assets and Liabilities Management Corporation filed with ERC under Case No. 2013-055RC was procured through Contract for the Supply of Electric Energy (CSEE). It was selected to provide for base due to its lower rate. Historically, the utilization of the PSA is 13.22%. The actual billed overall monthly charge under the PSA ranged from 1.259 P/kWh to 2.480 P/KWh in the same period.

The PSA with Peakpower San Francisco Inc. filed with ERC under Case No. 2014-032RC was procured through Power Purchase and Transfer Agreement. It was selected to provide for peaking requirements due to its lower number of hours needed. Historically, the utilization of the PSA is 0.53%. The actual billed overall monthly charge under the PSA ranged from 47.793 P/kWh to 741.140 P/KWh in the same period.

The PSA with Therma South Inc. filed with ERC under Case No. 2013-112RC was procured through Energy Sales Agreement. It was selected to provide for base requirements due to its plant type which is coal. Historically, the utilization of the PSA is 19.41%. The actual billed overall monthly charge under the PSA ranged from 6.714 P/kWh to 8.409 P/KWh in the same period.

The PSA with Sarangani Energy Corporation filed with ERC under Case No. 2013-012RC was procured through Power Sales Agreement. It was selected to provide for intermediate requirements due to its plant type which is coal. Historically, the utilization of the PSA is 19.28%. The actual billed overall monthly charge under the PSA ranged from 7.039 P/kWh to 16.724 P/KWh in the same period.

The PSA with San Miguel Consolidated Power Corporation filed with ERC under Case No. 2016-119RC was procured through Power Supply Contract. It was selected to provide for base requirements due to its plant type which is coal. Historically, the utilization of the PSA is 36.31%. The actual billed overall monthly charge under the PSA ranged from 5.536 P/kWh to 6.079 P/KWh in the same period.

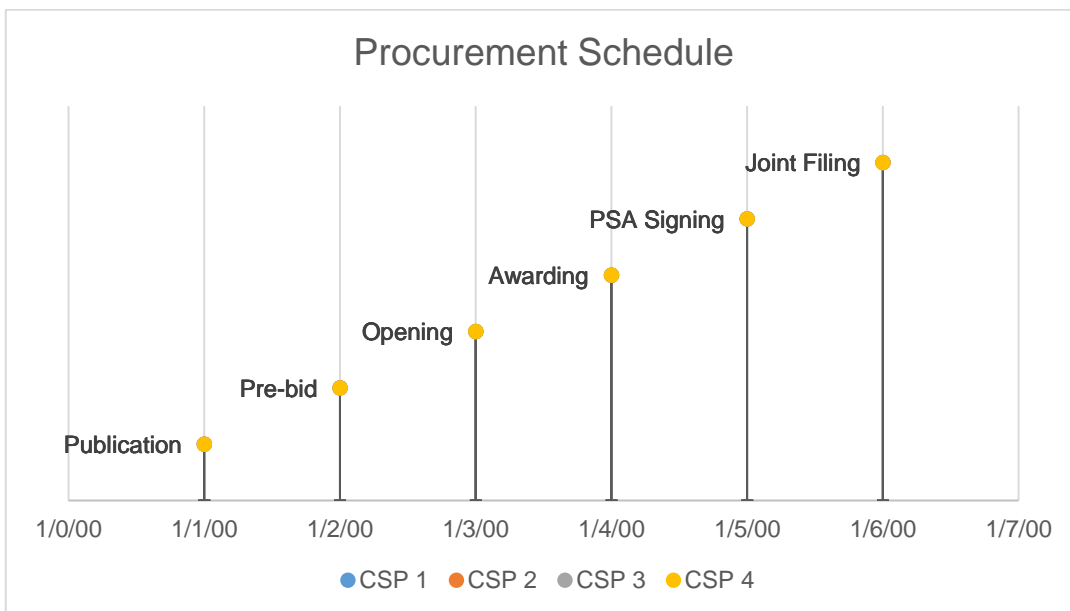
The PSA with Peakpower San Francisco Inc. filed with ERC under Case No. 2016-064RC was procured through Power Purchase and Transfer Agreement. It was selected to provide for peaking requirements due to its lower number of hours needed. Historically, the utilization of the PSA is 0.07%. The actual billed overall monthly charge under the PSA ranged from 73.907 P/kWh to 3,926.400 P/KWh in the same period.

The minimum MW purchased for each unit of Peakpower San Francisco Inc. is 3 MW while the minimum annual MWh purchased is 72 MWh. PSFI will only be utilized during peak hours in case there is a supply deficiency in the grid as a back-up power. PSFI can also operate as replacement

power through Island Mode in case there is an outage in NGCP's 69 kV sub-transmission line. In this situation, PSFI power plants can still supply ASELCO's loads of San Francisco, Pisan and even Talacogon Substations depending on the total demand of these substations. For the monthly forecasted consumption sheet, the monthly MW entry is 5 MW since ASELCO doesn't know when will be the time that these plants will be utilized at its full capacity when such situations occur.

The PSA with GN Power Kauswagan Ltd filed with ERC under Case No. 2014-011RC was procured through Power Purchase and Sales Agreement. It was selected to provide for base requirements due to its plant type which is coal to. Historically, the utilization of the PSA is 11.18%. The actual billed overall monthly charge under the PSA ranged from 2.800 P/kWh to 4.253 P/KWh in the same period.

	CSP 1	CSP 2	CSP 3	CSP 4
Type	Base	Base	Intermediate	Peaking
Minimum MW	1.00	10.00	2.00	2.00
Minimum MWh/yr	8,760	37,040	17,520	17,520
PSA Start	12/2020	8/2027	5/2028	5/2029
PSA End	12/2023	8/2037	5/2038	5/2039
Publication	1/2020	1/2026	1/2027	1/2028
Pre-bid	1/22/2020	1/22/2026	1/22/2027	1/22/2028
Opening	3/22/2020	3/23/2026	3/23/2027	3/22/2028
Awarding	4/21/2020	4/22/2026	4/22/2027	4/21/2028
PSA Signing	5/21/2020	5/22/2026	5/22/2027	5/21/2028
Joint Filing	5/30/2020	5/31/2026	5/31/2027	5/30/2028



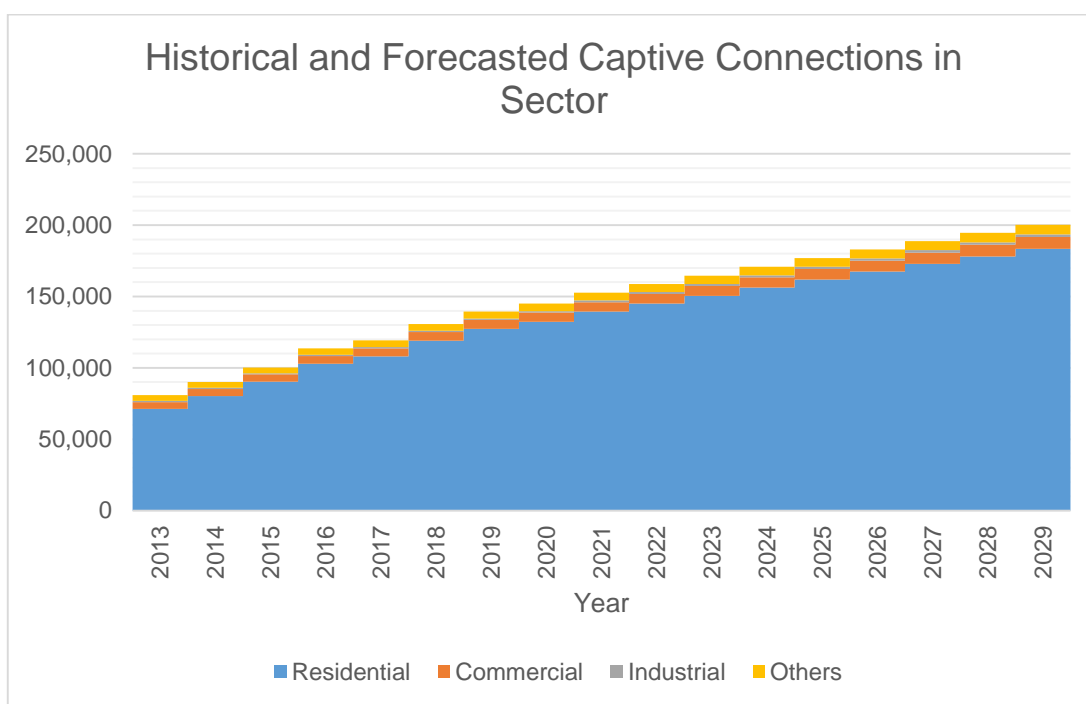
For the procurement of 1 MW of supply which is planned to be available on December 26, 2020, the cooperative entered into a contract of extension for the Contract for the Supply of Electric Energy (CSEE) with PSALM for a period of Three (3) Years starting December 26, 2020 to December 25, 2023.

For the procurement of 10 MW of supply which is planned to be available on August 2027, the first publication or launch of CSP will be on January 2026. Joint filing is planned on May 31, 2026, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

For the procurement of 2 MW of supply which is planned to be available on May 2028, the first publication or launch of CSP will be on January 2027. Joint filing is planned on May 31, 2027, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

For the procurement of 2 MW of supply which is planned to be available on May 2029, the first publication or launch of CSP will be on January 2028. Joint filing is planned on May 30, 2028, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 3.71% annually. Said customer class is expected to account for 39.32% of the total consumption.