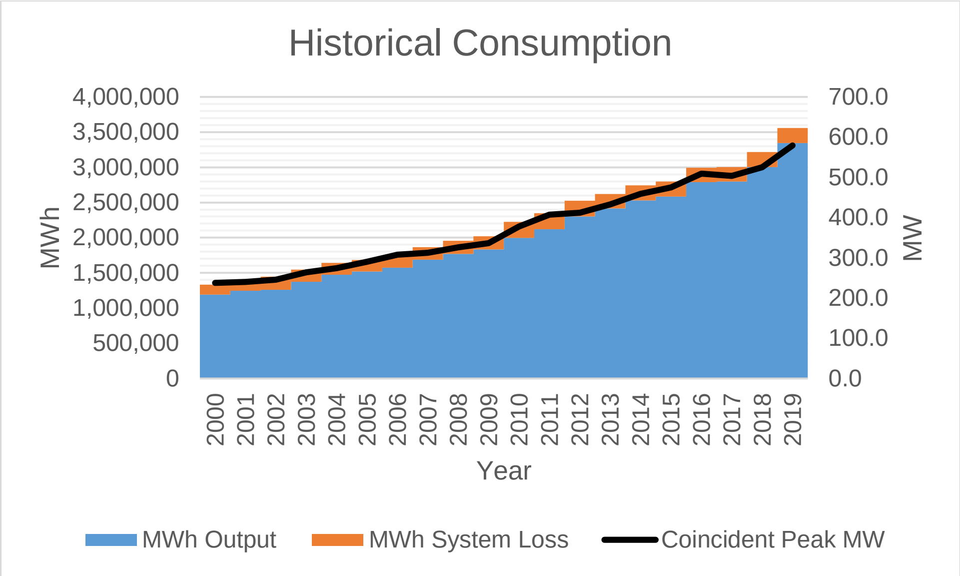
Power Supply Procurement Plan
[2020]

[Visayan Electric Company]

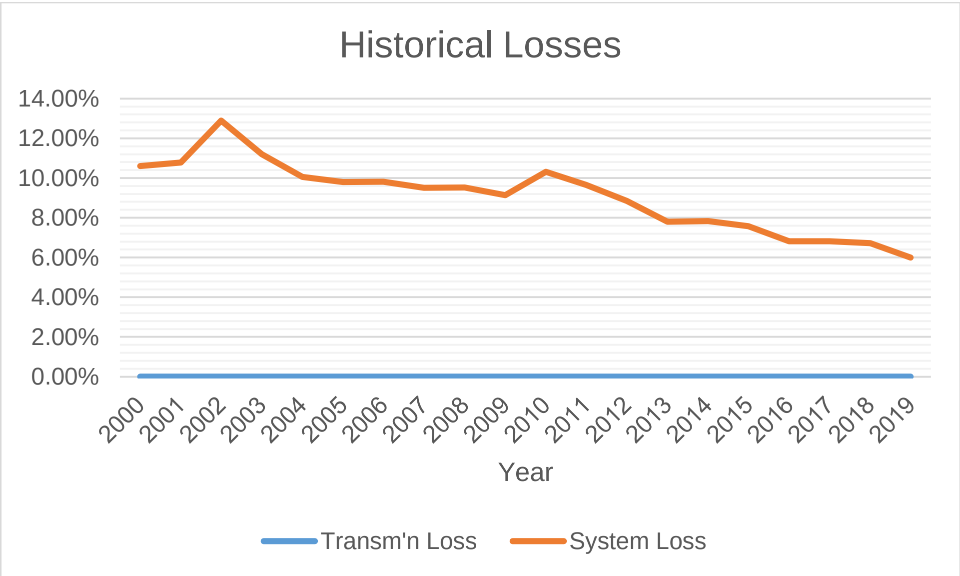
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	237.79	1,330,079	0	1,330,079	1,191,382	140,975	64%	0.17%	0.00%	10.60%
2001	240.23	1,395,583	0	1,395,583	1,247,548	150,388	66%	0.17%	0.00%	10.78%
2002	245.70	1,442,464	0	1,442,464	1,259,100	186,050	67%	0.19%	0.00%	12.90%
2003	264.28	1,544,165	0	1,544,165	1,373,889	173,067	67%	0.18%	0.00%	11.21%
2004	274.15	1,637,674	0	1,637,674	1,475,802	164,626	68%	0.17%	0.00%	10.05%
2005	290.61	1,683,568	0	1,683,568	1,520,184	165,105	66%	0.10%	0.00%	9.81%
2006	307.81	1,744,924	0	1,744,924	1,575,659	171,405	65%	0.12%	0.00%	9.82%
2007	312.55	1,860,668	0	1,860,668	1,686,664	177,068	68%	0.16%	0.00%	9.52%
2008	326.09	1,954,497	0	1,954,497	1,770,393	186,271	68%	0.11%	0.00%	9.53%
2009	336.21	2,016,096	0	2,016,096	1,834,215	184,239	68%	0.12%	0.00%	9.14%
2010	378.10	2,225,584	0	2,225,584	1,996,097	229,487	67%	0.00%	0.00%	10.31%
2011	407.28	2,349,040	54,326	2,349,040	2,122,226	226,819	66%	0.00%	0.00%	9.66%
2012	411.88	2,524,296	143,116	2,524,296	2,300,959	223,337	70%	0.00%	0.00%	8.85%
2013	432.50	2,621,676	208,783	2,621,676	2,417,353	204,323	69%	0.00%	0.00%	7.79%
2014	459.31	2,742,651	276,455	2,742,651	2,527,846	214,804	68%	0.00%	0.00%	7.83%
2015	474.88	2,797,473	501,809	2,797,473	2,585,704	211,770	67%	0.00%	0.00%	7.57%
2016	508.87	2,994,606	577,612	2,994,606	2,790,611	203,996	67%	0.00%	0.00%	6.81%
2017	503.68	3,000,803	577,612	3,000,803	2,796,074	204,729	68%	0.00%	0.00%	6.82%
2018	524.81	3,218,513	633,106	3,218,513	3,001,999	216,514	70%	0.00%	0.00%	6.73%
2019	579.00	3,558,176	364,995	3,558,176	3,344,658	213,518	70%	0.00%	0.00%	6.00%

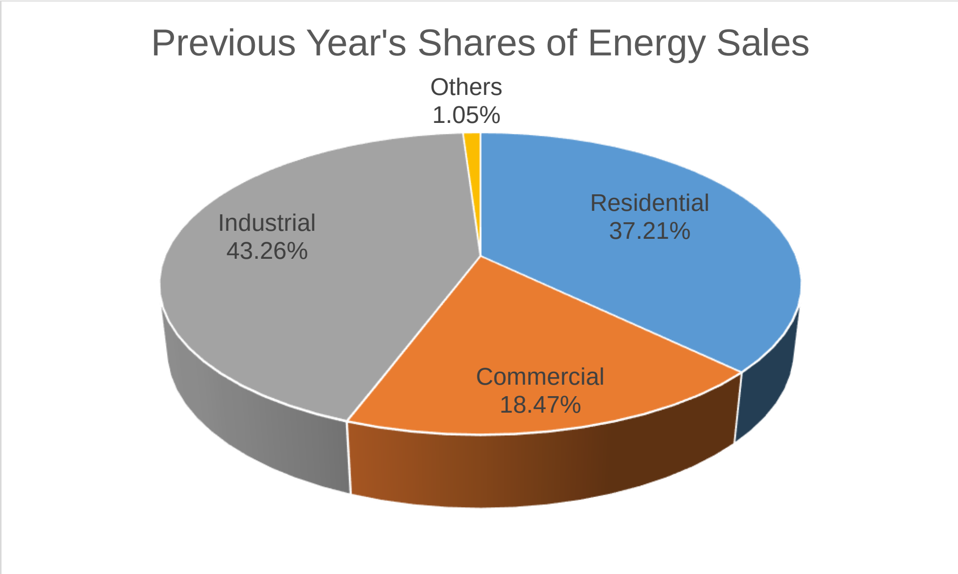
Peak Demand increased from 525 MW in 2018 to 579 MW in 2019 at a rate of 10%. MWh Offtake increased from 3,218,513 MWh in 2018 to 3,558,175 MWh in 2019 at a rate of 11%. The increase is due to entry of new customers such malls and recreational establishments. Some industrial customers had increased their consumption due to increase in production while others had stopped self -generating due to the opportunity in the retail competition of open-access.



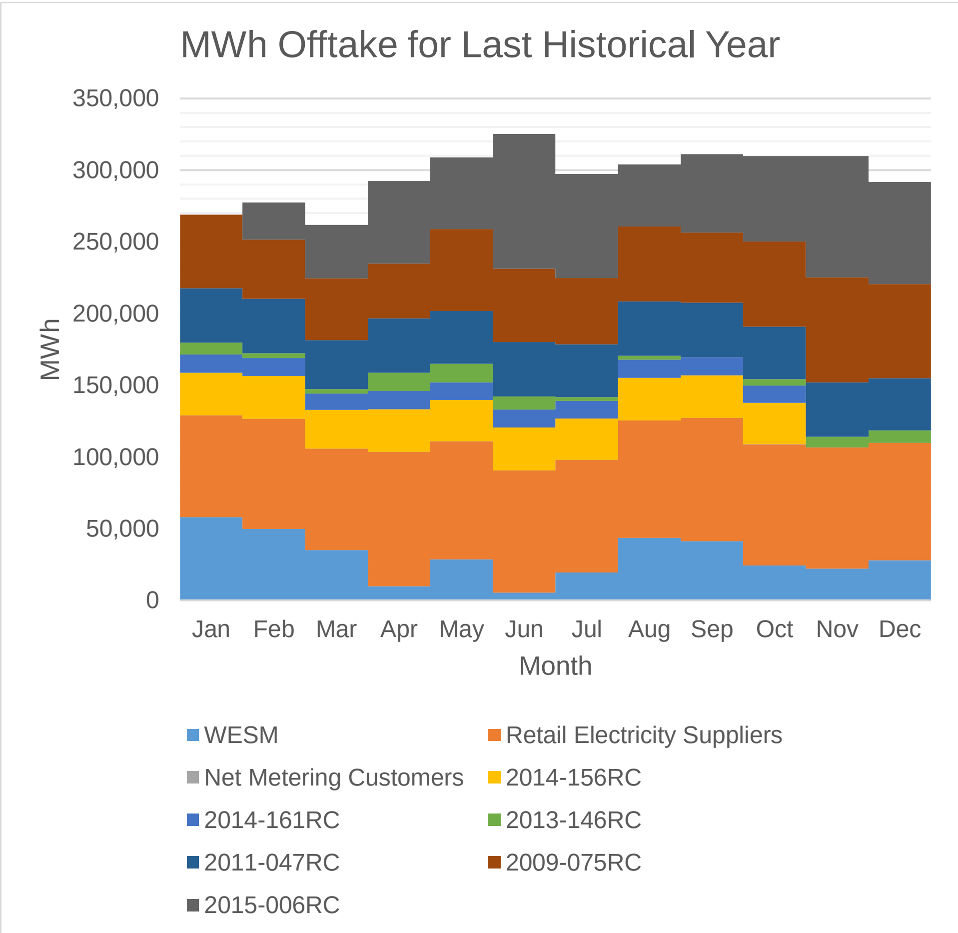
MWh Output increased from year 2018 to year 2019 at a rate of 11%, while MWh System Loss decreased at a rate of 1.40% within the same period.



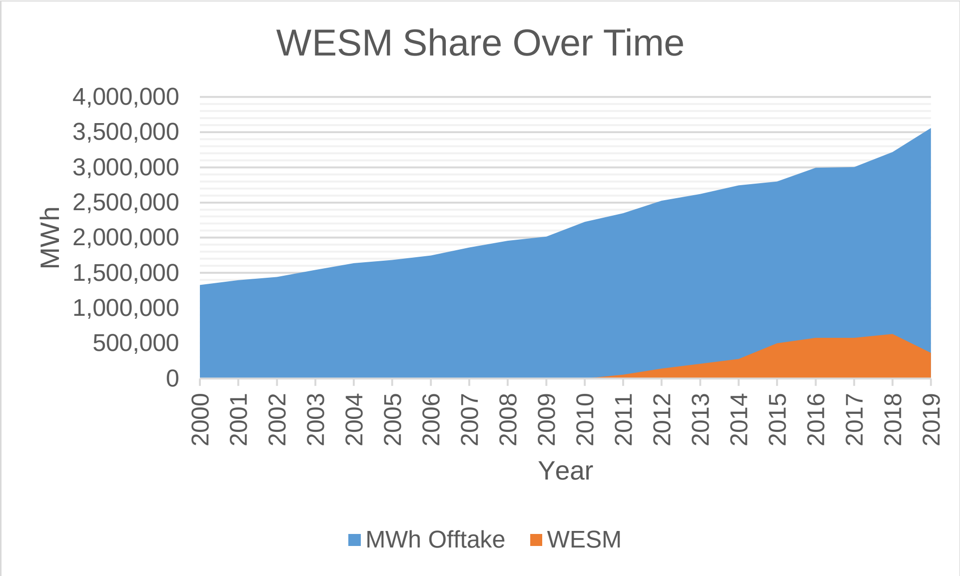
Historically, System Loss ranged from 12.9% to 6%. System Loss had decreased through time and now at 6% driven by the efforts to lessen pilferage activities, to improve the distribution system.



Industrial customers account for the bulk of energy sales at 43.26% due to the high energy consumption. In contrast, Residential customers accounted for only 37.21% of energy sales despite of the high number of connections.

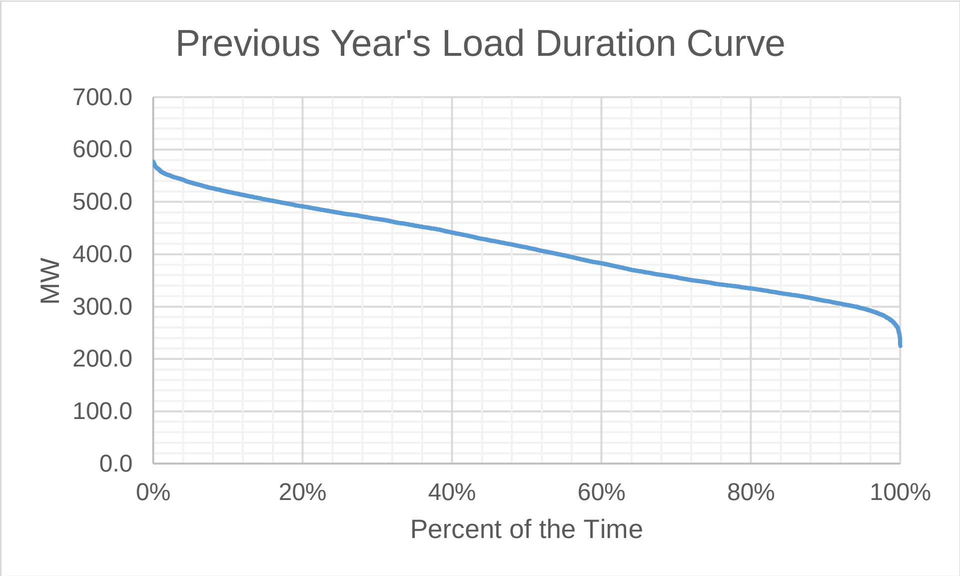


For 2019, 14% of the total purchases is from the Wholesale Electricity Spot Market. The PSA accounts for the 86% of the total demand.

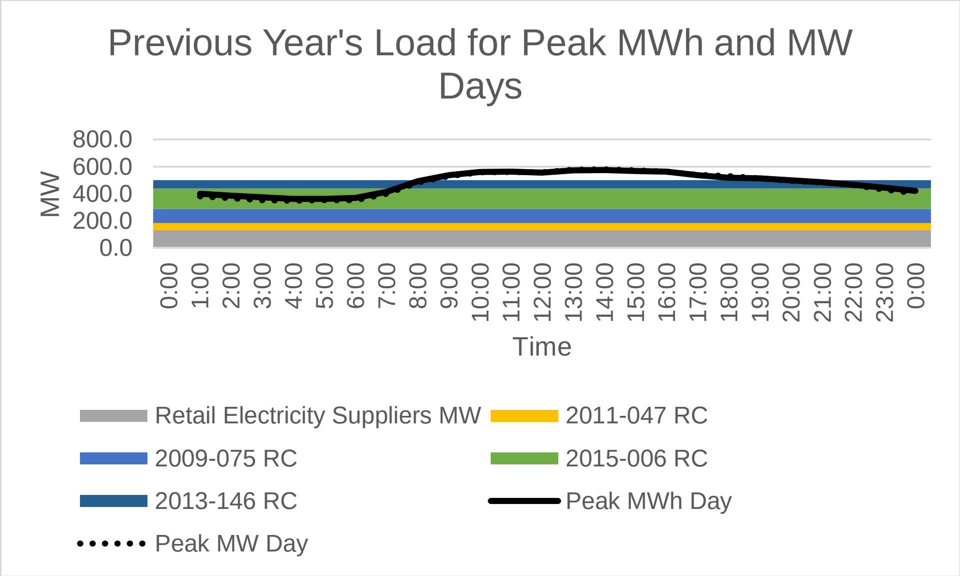


WESM Offtake decreased from 633,106 MWh in 2018 to 364,995 MWh in 2019 at a rate of 42% due to increase in market prices. The share of WESM in the total Offtake ranged from 2% to 22%.

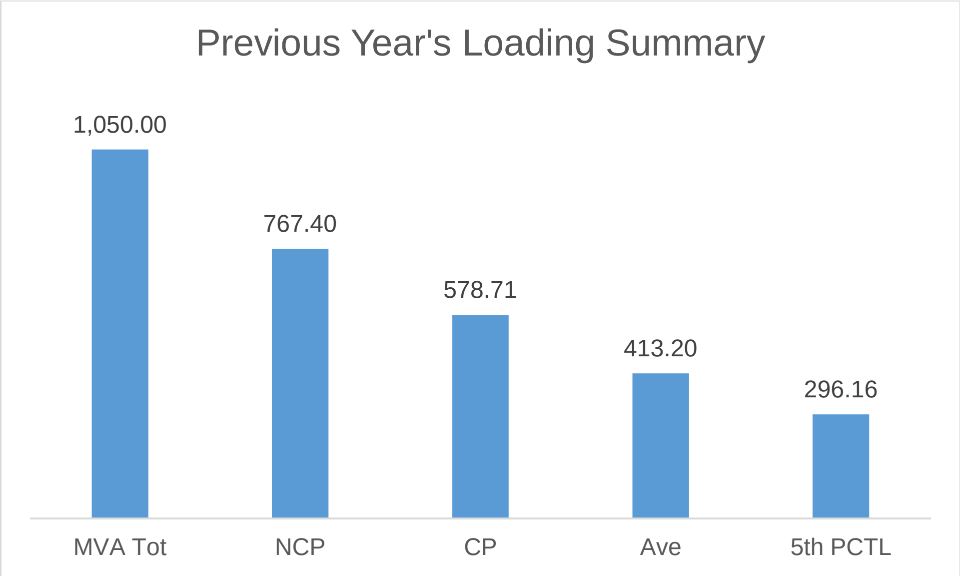
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 225 MW and the maximum load is 579 MW for the last historical year.



As shown in the Load Curves, the available supply is lower than the Peak Demand. The deficit is covered by our supply from the Wholesale Electricity Spot Market.



The Non-coincident Peak Demand is 767.4 MW, which is around 73.09% of the total substation capacity of 1,050 MVA at a power factor of 98.5%. The load factor or the ratio between the Average Load of 413.20 MW and the Coincident Peak Demand is 71.4%. A safe estimate of the true minimum load is the fifth percentile load of 296.16 MW which is 38.59% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
AYA T1	100	61.752
AYA T2	100	78.337
IMA T1	100	82.092
IMA T2	100	78.148
NGCP CEBU TR2	100	75.672
NGCP CEBU TR3	100	85.271
NGCP CEBU TR4	100	84.126
NGCP GIS MANDAUE	200	156.896
CST	50	1.273
CPPC	100	63.833

The substations loaded at above 70% are AYA T2, IMA T1, IMA T2, NGCP CEBU TR2, NGCP CEBU TR3, NGCP CEBU TR4 and NGCP GIS MANDAUE. These loading problems will be solved by each proposed CAPEX for the succeeding years until 2029. Proposed CAPEX includes substation expansion, uprating and additional capacity.

Forecasted Consumption Data

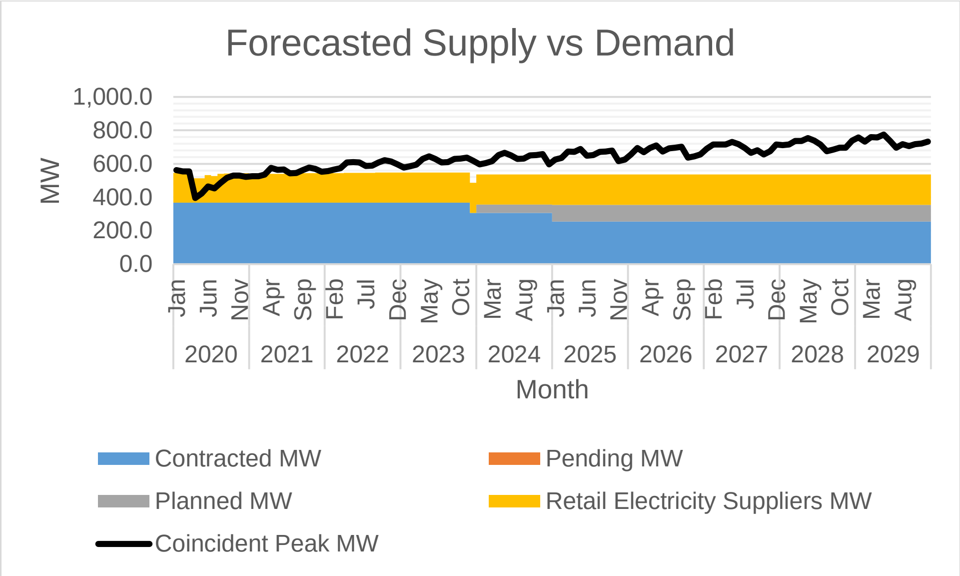
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2020	Jan	561.12	367.73	0.00	0.000	177.37	96%	96%	-16.03
	Feb	554.68	367.73	0.00	0.000	182.68	99%	99%	-4.27
	Mar	554.42	367.73	0.00	0.000	181.90	99%	99%	-4.79
	Apr	395.46	367.73	0.00	0.000	145.16	147%	147%	117.42
	May	421.49	367.73	0.00	0.000	144.64	133%	133%	90.88
	Jun	463.69	367.73	0.00	0.000	164.27	123%	123%	68.31
	Jul	452.22	367.73	0.00	0.000	159.46	126%	126%	74.97
	Aug	484.93	367.73	0.00	0.000	172.38	118%	118%	55.18
	Sep	516.55	367.73	0.00	0.000	174.59	108%	108%	25.77
	Oct	529.35	367.73	0.00	0.000	175.29	104%	104%	13.66
	Nov	529.44	367.73	0.00	0.000	176.29	104%	104%	14.58
	Dec	522.19	367.73	0.00	0.000	176.29	106%	106%	21.83
2021	Jan	525.78	367.73	0.00	0.000	169.97	103%	103%	11.91
	Feb	526.36	367.73	0.00	0.000	170.17	103%	103%	11.54
	Mar	535.33	367.73	0.00	0.000	170.17	101%	101%	2.57
	Apr	575.16	367.73	0.00	0.000	172.77	91%	91%	-34.66
	May	564.18	367.73	0.00	0.000	172.77	94%	94%	-23.68
	Jun	565.28	367.73	0.00	0.000	172.77	94%	94%	-24.79
	Jul	542.73	367.73	0.00	0.000	173.97	100%	100%	-1.03
	Aug	543.84	367.73	0.00	0.000	173.97	99%	99%	-2.14
	Sep	561.96	367.73	0.00	0.000	176.77	95%	95%	-17.47
	Oct	577.96	367.73	0.00	0.000	176.77	92%	92%	-33.47
	Nov	569.60	367.73	0.00	0.000	176.97	94%	94%	-24.91
	Dec	552.02	367.73	0.00	0.000	176.97	98%	98%	-7.32
2022	Jan	557.16	367.73	0.00	0.000	175.97	96%	96%	-13.46
	Feb	564.88	367.73	0.00	0.000	175.97	95%	95%	-21.18
	Mar	574.17	367.73	0.00	0.000	175.97	92%	92%	-30.47
	Apr	608.31	367.73	0.00	0.000	178.17	85%	85%	-62.41

	May	608.99	367.73	0.00	0.000	178.17	85%	85%	-63.09
	Jun	607.57	367.73	0.00	0.000	178.17	86%	86%	-61.68
	Jul	586.65	367.73	0.00	0.000	178.67	90%	90%	-40.26
	Aug	589.27	367.73	0.00	0.000	178.67	90%	90%	-42.88
	Sep	607.04	367.73	0.00	0.000	180.43	86%	86%	-58.88
	Oct	621.47	367.73	0.00	0.000	180.43	83%	83%	-73.31
	Nov	614.43	367.73	0.00	0.000	180.43	85%	85%	-66.28
	Dec	595.51	367.73	0.00	0.000	180.43	89%	89%	-47.35
2023	Jan	576.88	367.73	0.00	0.000	180.43	93%	93%	-28.72
	Feb	584.88	367.73	0.00	0.000	180.43	91%	91%	-36.72
	Mar	594.49	367.73	0.00	0.000	180.43	89%	89%	-46.33
	Apr	629.85	367.73	0.00	0.000	180.43	82%	82%	-81.69
	May	643.47	367.73	0.00	0.000	180.43	79%	79%	-95.31
	Jun	629.08	367.73	0.00	0.000	180.43	82%	82%	-80.92
	Jul	607.42	367.73	0.00	0.000	180.43	86%	86%	-59.26
	Aug	610.14	367.73	0.00	0.000	180.43	86%	86%	-61.98
	Sep	628.53	367.73	0.00	0.000	180.43	82%	82%	-80.37
	Oct	630.55	367.73	0.00	0.000	180.43	82%	82%	-82.39
	Nov	636.19	367.73	0.00	0.000	180.43	81%	81%	-88.03
	Dec	616.59	306.01	0.00	0.000	180.43	70%	70%	-130.15
2024	Jan	596.60	306.01	0.00	50.000	180.43	74%	86%	-60.17
	Feb	604.87	306.01	0.00	50.000	180.43	72%	84%	-68.44
	Mar	614.82	306.01	0.00	50.000	180.43	70%	82%	-78.38
	Apr	651.38	306.01	0.00	50.000	180.43	65%	76%	-114.94
	May	665.47	306.01	0.00	50.000	180.43	63%	73%	-129.03
	Jun	650.59	306.01	0.00	50.000	180.43	65%	76%	-114.15
	Jul	628.19	306.01	0.00	50.000	180.43	68%	80%	-91.75
	Aug	631.00	306.01	0.00	50.000	180.43	68%	79%	-94.56
	Sep	650.02	306.01	0.00	50.000	180.43	65%	76%	-113.58
	Oct	652.16	306.01	0.00	50.000	180.43	65%	75%	-115.72
	Nov	657.94	306.01	0.00	50.000	180.43	64%	75%	-121.50
	Dec	596.60	306.01	0.00	50.000	180.43	74%	86%	-60.17
2025	Jan	624.87	255.00	0.00	100.000	180.43	57%	80%	-89.44

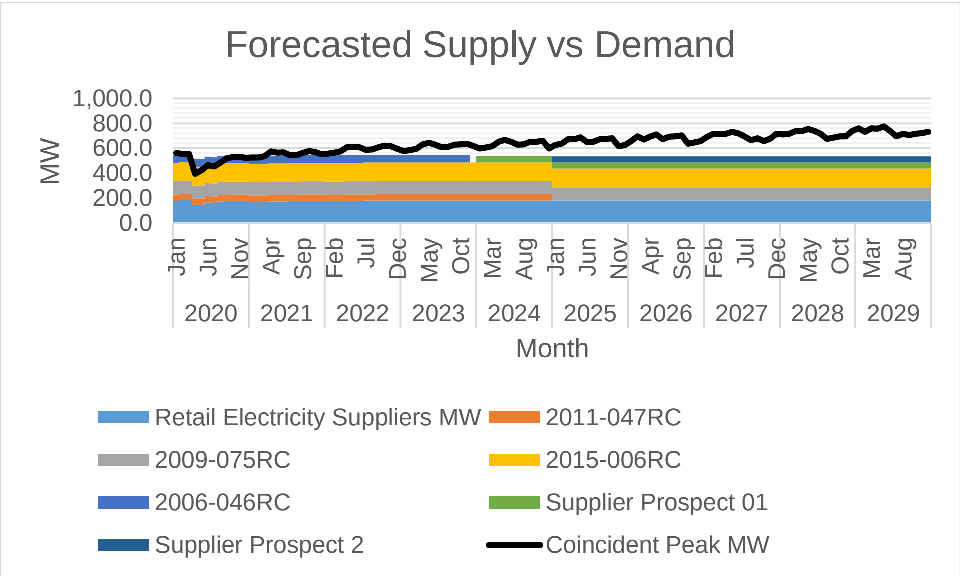
	Feb	635.14	255.00	0.00	100.000	180.43	56%	78%	-99.71
	Mar	672.91	255.00	0.00	100.000	180.43	52%	72%	-137.48
	Apr	672.10	255.00	0.00	100.000	180.43	52%	72%	-136.67
	May	687.47	255.00	0.00	100.000	180.43	50%	70%	-152.04
	Jun	648.96	255.00	0.00	100.000	180.43	54%	76%	-113.53
	Jul	651.86	255.00	0.00	100.000	180.43	54%	75%	-116.43
	Aug	671.51	255.00	0.00	100.000	180.43	52%	72%	-136.08
	Sep	673.72	255.00	0.00	100.000	180.43	52%	72%	-138.29
	Oct	679.69	255.00	0.00	100.000	180.43	51%	71%	-144.26
	Nov	616.33	255.00	0.00	100.000	180.43	58%	81%	-80.90
	Dec	624.87	255.00	0.00	100.000	180.43	57%	80%	-89.44
2026	Jan	655.47	255.00	0.00	100.000	180.43	54%	75%	-120.04
	Feb	694.45	255.00	0.00	100.000	180.43	50%	69%	-159.02
	Mar	669.72	255.00	0.00	100.000	180.43	52%	73%	-134.29
	Apr	693.61	255.00	0.00	100.000	180.43	50%	69%	-158.18
	May	709.47	255.00	0.00	100.000	180.43	48%	67%	-174.04
	Jun	672.72	255.00	0.00	100.000	180.43	52%	72%	-137.29
	Jul	693.00	255.00	0.00	100.000	180.43	50%	69%	-157.57
	Aug	695.28	255.00	0.00	100.000	180.43	50%	69%	-159.85
	Sep	701.44	255.00	0.00	100.000	180.43	49%	68%	-166.01
	Oct	636.05	255.00	0.00	100.000	180.43	56%	78%	-100.62
	Nov	644.87	255.00	0.00	100.000	180.43	55%	76%	-109.44
	Dec	655.47	255.00	0.00	100.000	180.43	54%	75%	-120.04
2027	Jan	690.49	255.00	0.00	100.000	180.43	50%	70%	-155.06
	Feb	715.98	255.00	0.00	100.000	180.43	48%	66%	-180.55
	Mar	715.11	255.00	0.00	100.000	180.43	48%	66%	-179.68
	Apr	714.48	255.00	0.00	100.000	180.43	48%	66%	-179.05
	May	731.47	255.00	0.00	100.000	180.43	46%	64%	-196.04
	Jun	716.84	255.00	0.00	100.000	180.43	48%	66%	-181.41
	Jul	693.58	255.00	0.00	100.000	180.43	50%	69%	-158.15
	Aug	664.86	255.00	0.00	100.000	180.43	53%	73%	-129.43
	Sep	680.26	255.00	0.00	100.000	180.43	51%	71%	-144.83
	Oct	655.77	255.00	0.00	100.000	180.43	54%	75%	-120.34

	Nov	675.79	255.00	0.00	100.000	180.43	51%	72%	-140.36
	Dec	715.98	255.00	0.00	100.000	180.43	48%	66%	-180.55
2028	Jan	711.26	255.00	0.00	100.000	180.43	48%	67%	-175.83
	Feb	715.79	255.00	0.00	100.000	180.43	48%	66%	-180.36
	Mar	736.62	255.00	0.00	100.000	180.43	46%	64%	-201.19
	Apr	735.97	255.00	0.00	100.000	180.43	46%	64%	-200.54
	May	753.47	255.00	0.00	100.000	180.43	44%	62%	-218.04
	Jun	738.40	255.00	0.00	100.000	180.43	46%	64%	-202.97
	Jul	715.79	255.00	0.00	100.000	180.43	48%	66%	-180.36
	Aug	675.50	255.00	0.00	100.000	180.43	52%	72%	-140.07
	Sep	684.86	255.00	0.00	100.000	180.43	51%	70%	-149.43
	Oct	696.12	255.00	0.00	100.000	180.43	49%	69%	-160.69
	Nov	696.12	255.00	0.00	100.000	180.43	49%	69%	-160.69
	Dec	738.40	255.00	0.00	100.000	180.43	46%	64%	-202.97
2029	Jan	758.13	255.00	0.00	100.000	180.43	44%	61%	-222.70
	Feb	732.03	255.00	0.00	100.000	180.43	46%	64%	-196.60
	Mar	759.96	255.00	0.00	100.000	180.43	44%	61%	-224.53
	Apr	757.46	255.00	0.00	100.000	180.43	44%	62%	-222.03
	May	775.47	255.00	0.00	100.000	180.43	43%	60%	-240.04
	Jun	736.69	255.00	0.00	100.000	180.43	46%	64%	-201.26
	Jul	695.22	255.00	0.00	100.000	180.43	50%	69%	-159.79
	Aug	716.45	255.00	0.00	100.000	180.43	48%	66%	-181.02
	Sep	705.67	255.00	0.00	100.000	180.43	49%	68%	-170.24
	Oct	716.45	255.00	0.00	100.000	180.43	48%	66%	-181.02
	Nov	721.18	255.00	0.00	100.000	180.43	47%	66%	-185.75
	Dec	732.03	255.00	0.00	100.000	180.43	46%	64%	-196.60

The peak demand for the year 2020 is forecasted to be the actual peak recorded last January before COVID 19 pandemic this is 3% lower than 2019. The succeeding Peak Demand is forecasted using historical data and was assumed to occur on the month of May due to temperature increase that results to increase usage of electrical equipment and devices. In general, Peak Demand is expected to recover gradually with 3% increase than the usual 5% due to the effect of this pandemic.

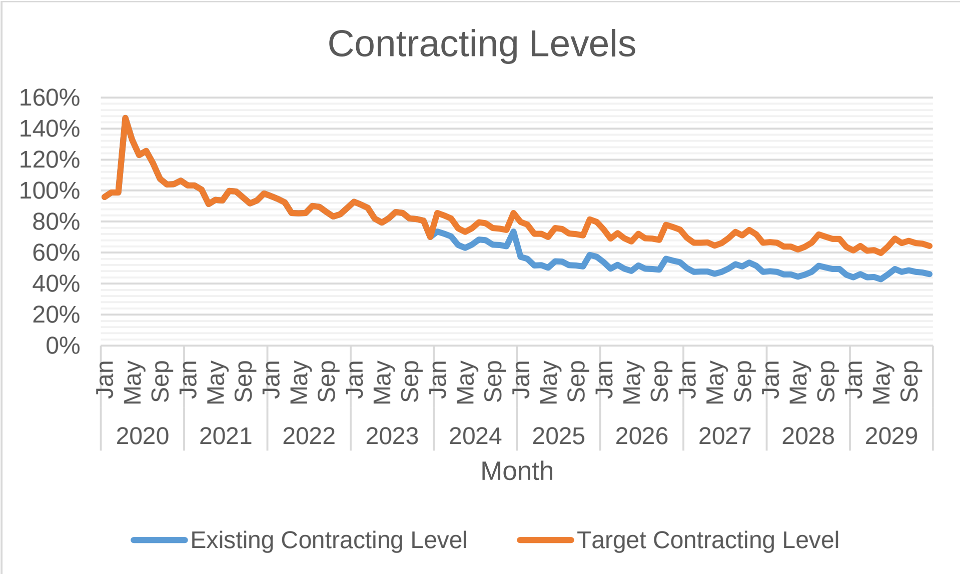


The available supply is generally below the Peak Demand. Demand drop in 2020 is due to the COVID 19 pandemic effect.

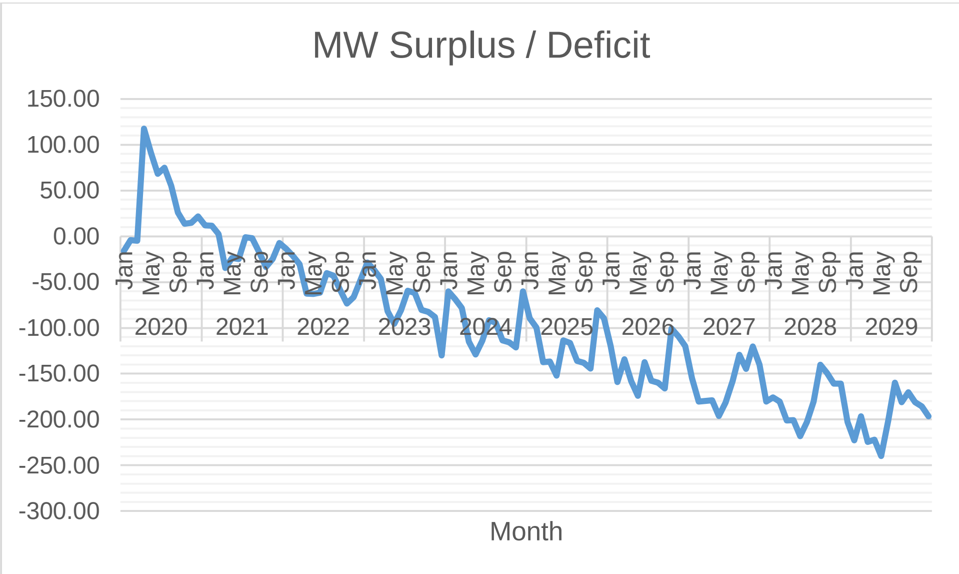


Of the available supply, the largest is 150 MW from Therma Visayas Inc. This is followed by 105 MW from Cebu Energy Development Corporation.

The first wave of supply procurement will be for 50 MW planned to be available by the month of January 2024 and an additional 50 MW by January 2025. If this planned procurement will push through it will be for RPS compliance. However, this plan is still subject to change depending on level of contestability and proliferation of renewable energy to end users.



Our current contract is around 20% below the forecasted demand for 2020. This gives us an allowance to play in the market.



By year 2020, it appears there is over-contacting by an average of 35 MW due to decrease in demand brought by COVID 19 pandemic. In actual, we purchased at a minimum from our supplier to avoid over contracting.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2020	Jan	292,550	271,991	20,559	0.00%	7.03%
	Feb	298,257	286,072	12,186	0.00%	4.09%

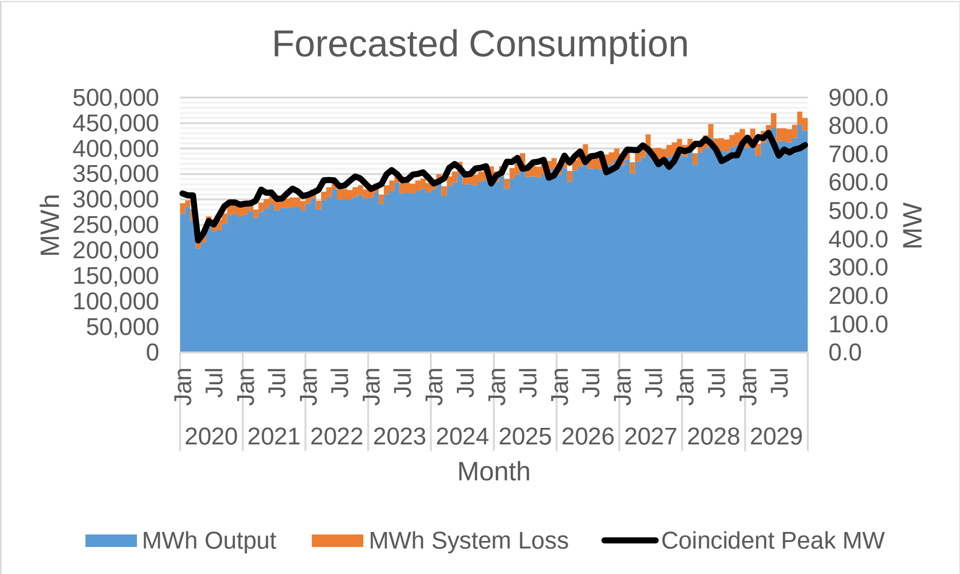
	Mar	281,455	258,031	23,424	0.00%	8.32%
	Apr	228,135	204,321	23,814	0.00%	10.44%
	May	238,142	216,163	21,979	0.00%	9.23%
	Jun	266,943	252,482	14,461	0.00%	5.42%
	Jul	256,713	236,619	20,094	0.00%	7.83%
	Aug	260,292	240,244	20,048	0.00%	7.70%
	Sep	272,753	251,672	21,081	0.00%	7.73%
	Oct	291,741	269,590	22,151	0.00%	7.59%
	Nov	294,342	272,236	22,106	0.00%	7.51%
	Dec	288,700	266,587	22,113	0.00%	7.66%
2021	Jan	289,954	270,478	19,476	0.00%	6.72%
	Feb	293,612	277,356	16,256	0.00%	5.54%
	Mar	280,283	264,035	16,248	0.00%	5.80%
	Apr	294,194	276,103	18,091	0.00%	6.15%
	May	300,963	281,910	19,052	0.00%	6.33%
	Jun	310,889	290,871	20,018	0.00%	6.44%
	Jul	296,489	278,068	18,420	0.00%	6.21%
	Aug	301,913	283,451	18,462	0.00%	6.11%
	Sep	302,178	283,565	18,613	0.00%	6.16%
	Oct	303,834	285,421	18,413	0.00%	6.06%
	Nov	304,380	285,760	18,620	0.00%	6.12%
	Dec	296,932	279,252	17,680	0.00%	5.95%
2022	Jan	309,770	292,074	17,696	0.00%	5.71%
	Feb	319,524	301,887	17,637	0.00%	5.52%
	Mar	297,757	280,211	17,546	0.00%	5.89%
	Apr	315,690	297,967	17,723	0.00%	5.61%
	May	324,439	304,909	19,531	0.00%	6.02%
	Jun	341,260	320,234	21,026	0.00%	6.16%
	Jul	319,487	300,598	18,889	0.00%	5.91%
	Aug	320,191	301,609	18,582	0.00%	5.80%
	Sep	318,217	299,482	18,735	0.00%	5.89%
	Oct	324,327	305,485	18,842	0.00%	5.81%
	Nov	328,057	308,918	19,139	0.00%	5.83%
	Dec	319,603	301,511	18,092	0.00%	5.66%
2023	Jan	321,933	303,566	18,366	0.00%	5.71%
	Feb	331,998	313,692	18,306	0.00%	5.51%
	Mar	309,521	291,310	18,211	0.00%	5.88%
	Apr	328,024	309,630	18,395	0.00%	5.61%
	May	337,330	317,059	20,271	0.00%	6.01%
	Jun	354,875	333,052	21,823	0.00%	6.15%
	Jul	332,129	312,524	19,604	0.00%	5.90%
	Aug	332,850	313,564	19,286	0.00%	5.79%
	Sep	330,821	311,376	19,445	0.00%	5.88%
	Oct	337,131	317,575	19,556	0.00%	5.80%
	Nov	341,008	321,144	19,864	0.00%	5.83%
	Dec	332,147	313,370	18,777	0.00%	5.65%
2024	Jan	339,117	319,812	19,306	0.00%	5.69%
	Feb	349,674	330,432	19,242	0.00%	5.50%
	Mar	325,869	306,727	19,142	0.00%	5.87%

	Apr	345,653	326,317	19,335	0.00%	5.59%
	May	355,156	333,849	21,307	0.00%	6.00%
	Jun	373,593	350,653	22,939	0.00%	6.14%
	Jul	349,786	329,179	20,607	0.00%	5.89%
	Aug	350,414	330,142	20,272	0.00%	5.79%
	Sep	348,361	327,922	20,440	0.00%	5.87%
	Oct	355,123	334,567	20,556	0.00%	5.79%
	Nov	359,242	338,362	20,880	0.00%	5.81%
	Dec	365,093	345,356	19,738	0.00%	5.41%
2025	Jan	354,717	334,555	20,162	0.00%	5.68%
	Feb	365,675	345,580	20,095	0.00%	5.50%
	Mar	340,798	320,807	19,991	0.00%	5.87%
	Apr	361,610	341,418	20,193	0.00%	5.58%
	May	371,482	349,229	22,252	0.00%	5.99%
	Jun	390,790	366,833	23,956	0.00%	6.13%
	Jul	365,912	344,391	21,521	0.00%	5.88%
	Aug	366,454	345,283	21,171	0.00%	5.78%
	Sep	364,384	343,038	21,346	0.00%	5.86%
	Oct	371,517	350,049	21,468	0.00%	5.78%
	Nov	375,847	354,041	21,806	0.00%	5.80%
	Dec	381,471	360,859	20,613	0.00%	5.40%
2026	Jan	370,609	349,575	21,034	0.00%	5.68%
	Feb	381,970	361,006	20,964	0.00%	5.49%
	Mar	356,014	335,158	20,856	0.00%	5.86%
	Apr	377,864	356,798	21,066	0.00%	5.58%
	May	388,125	364,910	23,215	0.00%	5.98%
	Jun	408,326	383,333	24,993	0.00%	6.12%
	Jul	382,346	359,894	22,452	0.00%	5.87%
	Aug	382,798	360,711	22,087	0.00%	5.77%
	Sep	380,713	358,444	22,269	0.00%	5.85%
	Oct	388,220	365,823	22,397	0.00%	5.77%
	Nov	392,767	370,018	22,749	0.00%	5.79%
	Dec	399,950	378,445	21,505	0.00%	5.38%
2027	Jan	388,646	366,625	22,021	0.00%	5.67%
	Feb	400,483	378,534	21,949	0.00%	5.48%
	Mar	373,225	351,390	21,835	0.00%	5.85%
	Apr	396,335	374,280	22,055	0.00%	5.56%
	May	406,923	382,619	24,305	0.00%	5.97%
	Jun	428,102	401,936	26,166	0.00%	6.11%
	Jul	400,932	377,427	23,506	0.00%	5.86%
	Aug	401,274	378,150	23,124	0.00%	5.76%
	Sep	399,175	375,861	23,315	0.00%	5.84%
	Oct	407,130	383,681	23,448	0.00%	5.76%
	Nov	411,933	388,115	23,817	0.00%	5.78%
	Dec	418,745	396,231	22,514	0.00%	5.38%
2028	Jan	406,890	383,869	23,021	0.00%	5.66%
	Feb	419,193	396,248	22,945	0.00%	5.47%
	Mar	390,657	367,831	22,826	0.00%	5.84%
	Apr	415,007	391,951	23,056	0.00%	5.56%

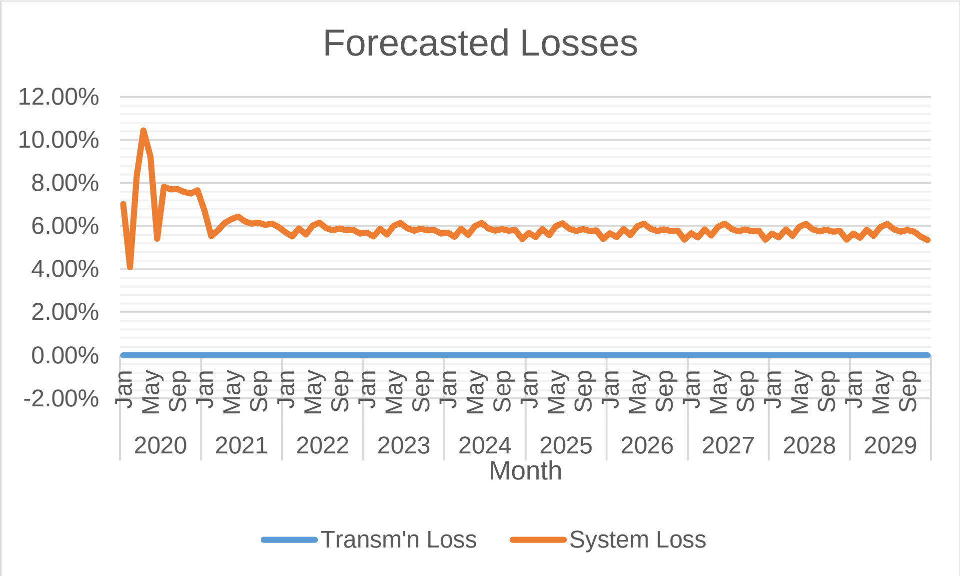
	May	425,975	400,567	25,408	0.00%	5.96%
	Jun	448,159	420,805	27,354	0.00%	6.10%
	Jul	419,755	395,183	24,573	0.00%	5.85%
	Aug	419,982	395,808	24,174	0.00%	5.76%
	Sep	417,873	393,500	24,373	0.00%	5.83%
	Oct	426,269	401,756	24,512	0.00%	5.75%
	Nov	431,331	406,432	24,898	0.00%	5.77%
	Dec	438,520	414,984	23,536	0.00%	5.37%
2029	Jan	426,132	402,057	24,075	0.00%	5.65%
	Feb	438,926	414,931	23,995	0.00%	5.47%
	Mar	409,031	385,161	23,871	0.00%	5.84%
	Apr	434,702	410,591	24,112	0.00%	5.55%
	May	446,054	419,483	26,571	0.00%	5.96%
	Jun	469,293	440,687	28,606	0.00%	6.10%
	Jul	439,595	413,897	25,698	0.00%	5.85%
	Aug	439,695	414,415	25,280	0.00%	5.75%
	Sep	437,578	412,089	25,489	0.00%	5.83%
	Oct	446,442	420,808	25,635	0.00%	5.74%
	Nov	472,380	446,341	26,038	0.00%	5.51%
	Dec	459,606	434,992	24,614	0.00%	5.36%

MWh Offtake was forecasted based from historical data and the actual COVID 19 pandemic effect using Auto Regressive Integrated Moving Average model. The assumed load factor is 70%.

System Loss is based on the historical trend and future advancement of our distribution system. Efforts in reducing the technical system loss includes, upgrading of conductor size, optimization of distribution transformer loading and installation of capacitor banks while reduction of non-technical loss includes installation of EMC's.



MWh Output is expected to decrease by 10% for the year 2020 due to the COVID 19 Pandemic. Recovery is expected to gradually occur on 2021 with 11% increase and the succeeding year at a growth rate of 5% annually.



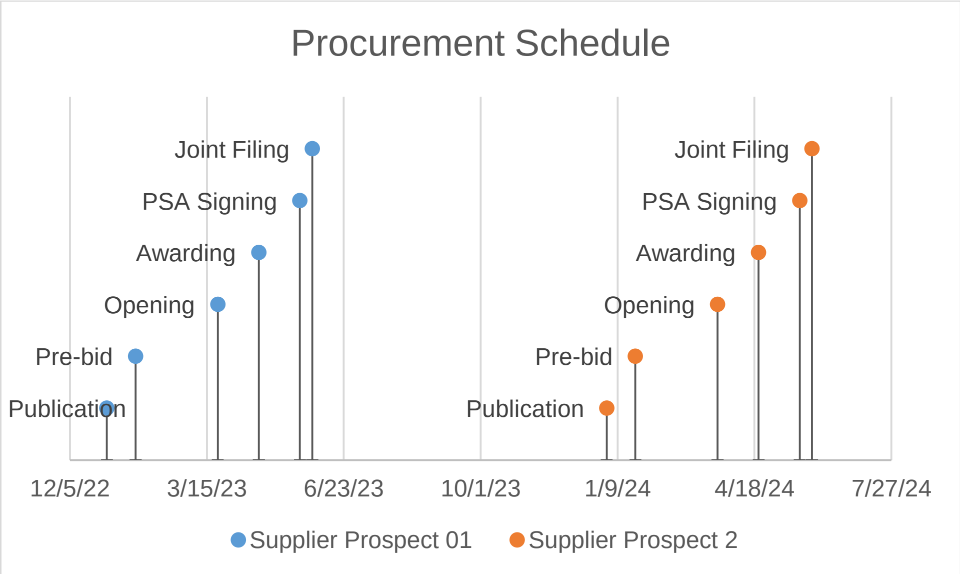
System Loss is expected to range from 8.29% to 3.81%. It is forecasted to normalize effect of its abnormal trend on 2020 due to COVID 19 by the year 2021 and will be back on its usual trend onwards.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2011-047 RC	Base	Green Core Geothermal, Inc.	51.01	446,830	1/1/2011	12/1/2024
2009-075 RC	Intermediate	Cebu Energy Development Corporation	52.50	459,900	3/1/2011	2/1/2036
2015-006 RC	Intermediate	Other	60.00	525,600	4/1/2019	4/1/2034
2006-046 RC	Peaking	Cebu Private Power Corporation	0.00	0	6/1/1998	11/1/2023

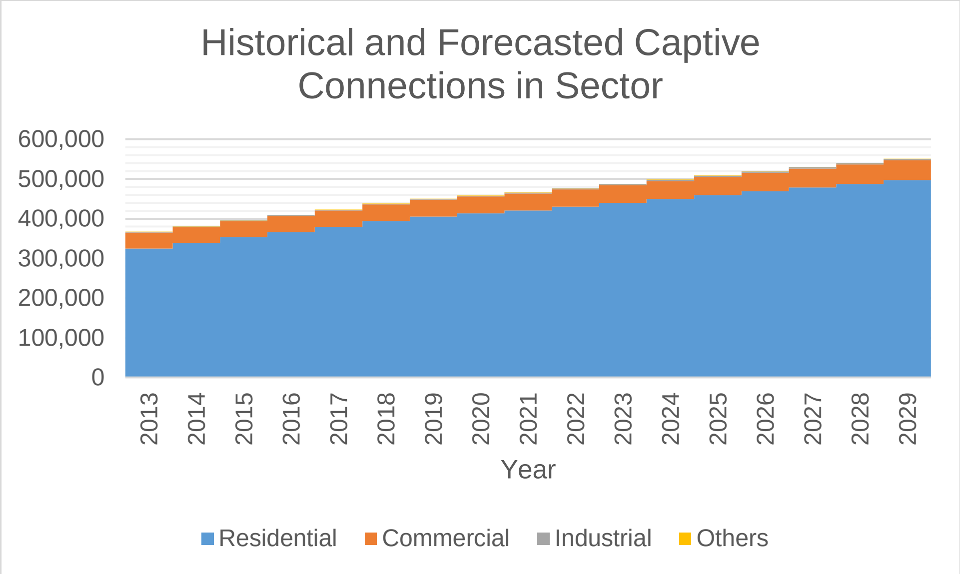
The PSA with Green Core Geothermal, Inc. filed with ERC under Case No. 2011-047RC was procured through Geothermal Energy. This serves as a base load supply of 51.01MW. The intermediate suppliers are Cebu Energy Development Corporation and Therma Visayas Inc. procured through Coal Plants. The peaking plant that helps us cover from the volatility of market prices is the Cebu Private Power Corporation's Diesel Plant. For the year 2019, an average of 15% of the total power purchased is from the market.

	Supplier Prospect 01	Supplier Prospect 2
Type	Peaking	Peaking
Minimum MW	50.00	50.00
Minimum MWh/yr	65,880	65,880
PSA Start	1/1/2024	1/1/2025
PSA End	1/1/2034	1/1/2034
Publication	1/1/2023	1/1/2024
Pre-bid	1/22/2023	1/22/2024
Opening	3/23/2023	3/22/2024
Awarding	4/22/2023	4/21/2024
PSA Signing	5/22/2023	5/21/2024
Joint Filing	5/31/2023	5/30/2024



For the procurement of 50 MW supply which is planned to be available on January 2024, the first publication or launch of CSP will be on December 2022, Joint filing is planned on March 2023, or 150 days later, in accordance with DOE's 2018 CSP Policy. For the 2nd prospect the procurement of 50 MW supply which is planned to be available on January 2025, the first publication or launch of CSP will be on October 2023, Joint filing is planned on April 2024, or 150 days later, in accordance with DOE's 2018 CSP Policy. If this planned procurement will push through it will be for RPS compliance and is still subject to change.

Captive Customer Connections



The number of residential customer connections is expected to grow at a rate of 2% annually. The said customer class is expected to account for 37% of the total consumption. Before COVID 19 pandemic growth rate was expected to be at 4% *(on the 1st submission).*