

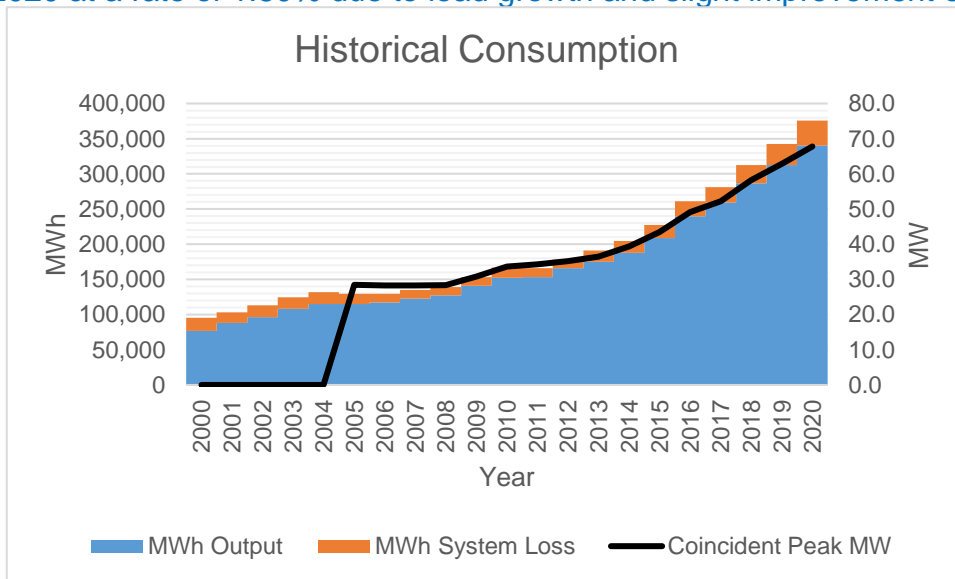
Power Supply Procurement Plan [First Forecast Year]

[TARELCO 1]

Historical Consumption Data

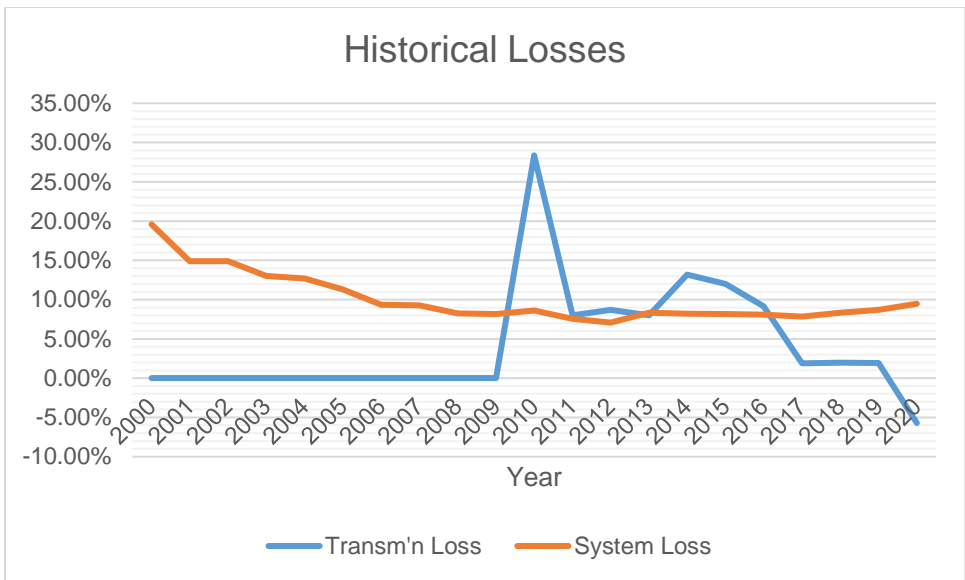
	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy
2000	0.00	95,424	0	95,424	76,731	18,693	#DIV/0!	0.00%
2001	0.00	103,415	0	103,415	88,016	15,399	#DIV/0!	0.00%
2002	0.00	113,366	0	113,366	96,465	16,901	#DIV/0!	0.00%
2003	0.00	124,474	0	124,474	108,275	16,200	#DIV/0!	0.00%
2004	0.00	131,656	0	131,656	114,961	16,695	#DIV/0!	0.00%
2005	28.46	129,816	0	129,816	115,122	14,694	52%	0.00%
2006	28.28	129,398	0	129,398	117,277	12,121	52%	0.00%
2007	28.31	135,145	0	135,145	122,646	12,500	55%	0.00%
2008	28.42	139,002	0	139,002	127,541	11,461	56%	0.00%
2009	30.83	153,292	0	153,292	140,775	12,517	57%	0.00%
2010	33.66	232,921	90,809	166,824	152,482	14,342	57%	0.00%
2011	34.26	180,417	11,024	166,008	153,472	12,536	55%	0.00%
2012	35.18	195,531	23,957	178,509	165,870	12,639	58%	0.00%
2013	36.46	207,817	81,230	191,192	175,230	15,962	60%	0.00%
2014	39.40	235,559	23,900	204,529	187,759	16,770	59%	0.00%
2015	43.46	258,182	23,333	227,249	208,729	18,520	60%	0.00%
2016	49.16	287,137	11,543	260,933	239,796	21,137	61%	0.00%
2017	52.21	286,567	36,296	281,196	259,125	22,070	61%	0.00%
2018	58.24	318,812	25,360	312,581	286,543	26,038	61%	0.00%
2019	62.88	349,092	42,105	342,337	312,512	29,826	62%	0.00%
2020	67.79	355,477	12,027	375,792	340,161	35,613	63%	0.00%

Peak Demand increased from 62.88 MW in 2019 to 67.79 MW in 2020 at a rate of 7.24% due to the steady increase of new connections. MWh Offtake increased from 349,092 MWh in 2019 to 355,477 MWh in 2020 at a rate of 1.80% due to load growth and slight improvement of Load

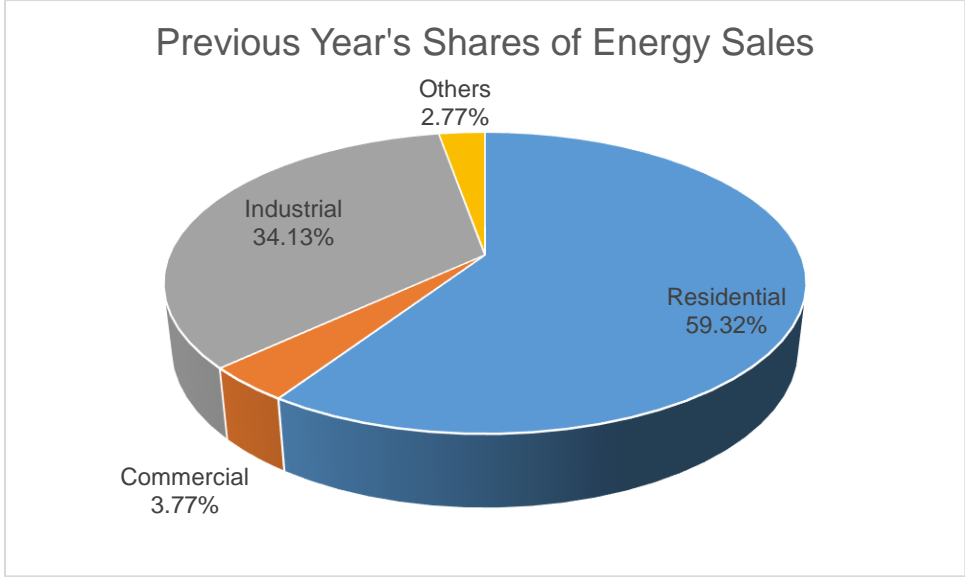


Factor. Within the

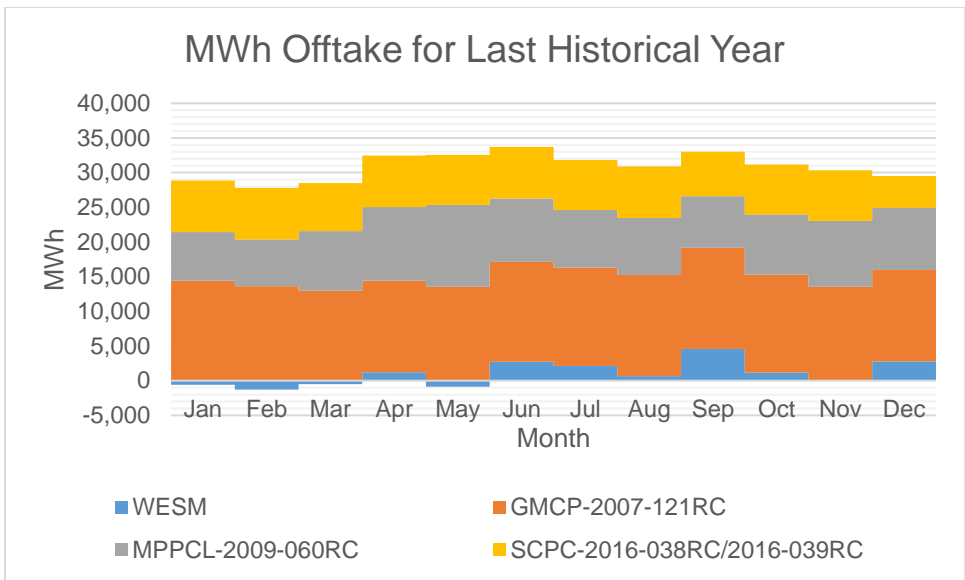
MWh Output increased from year 2019 to year 2020 at a rate of 8.12%, while MWh System Loss increased at a rate of 16.25% within the same period.



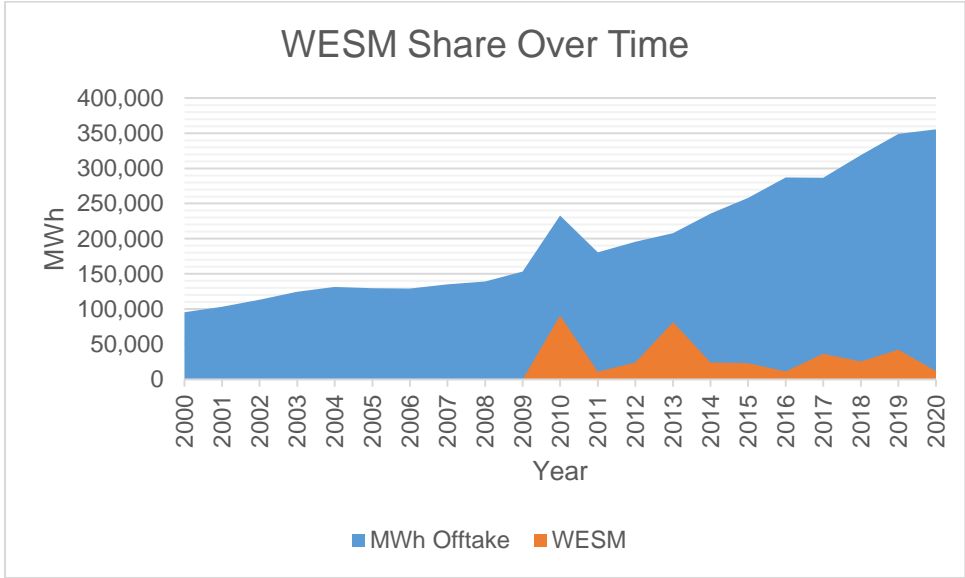
Historically, Transmission Loss ranged from 2.05% to 28.38%. while System Loss ranged from 8.06% to 9.48% for the year 2010 to 2020. Transmission Loss peaked at 28.38% on year 2010 because of WESM start on that year. System Loss peaked at 19.59% on year 2000 because of uncontrolled and rampant pilferage, but this addressed through relocation of meter through clustering metering.



Residential customers account for the bulk of energy sales at 59.32% due to the high number of connections. This is also due to the Lockdown implemented by LGU to stop/slow down the spread of the COVID-19 virus. People are Lockdown into their homes for 4months then gradually eased then on. In contrast, commercial customers accounted for only 3.77% of energy sales due to the low number of connections and majority of commercial establishments were closed due to the pandemic.

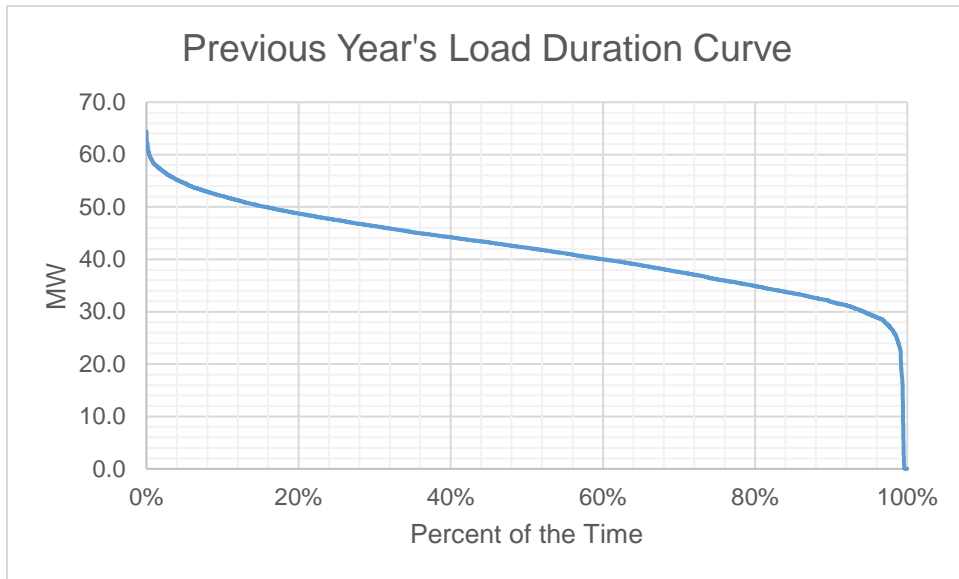


For 2020, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with GMCP/GMEC accounts for the bulk of MWh Offtake.

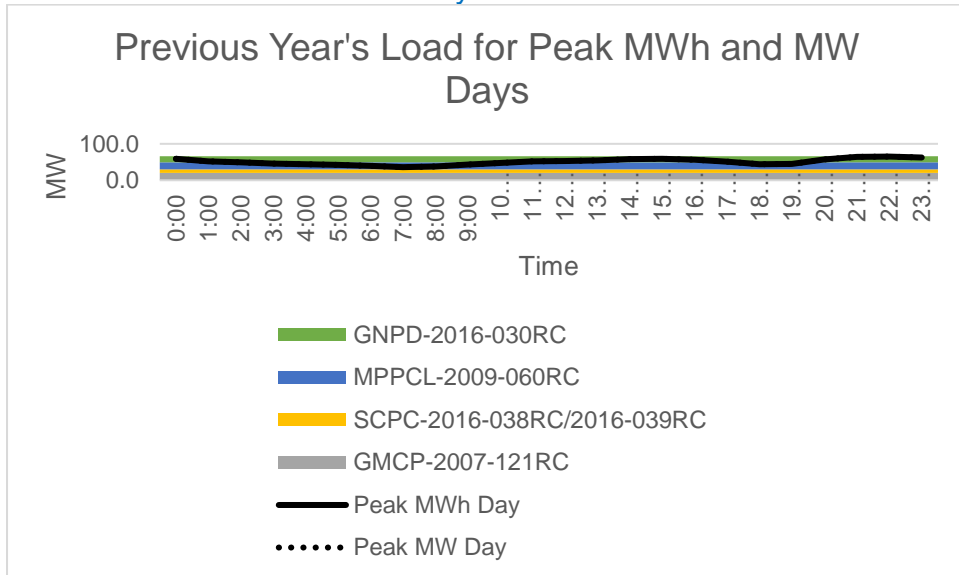


WESM Offtake decreased from 42,105.41 MWh in 2019 to 31,436.47 MWh in 2020 at a rate of -34% due to the reinstatement of 6MW PSA Contract Quantity from GMCP/GMEC which increased Contract Demand from 14MW to 20MW. The share of WESM in the total Offtake ranged from 3% to 22%. The net WESM transaction is negative for the whole of 2020 because Power Supply contracts are insufficient.

Previous Year's Load Profile

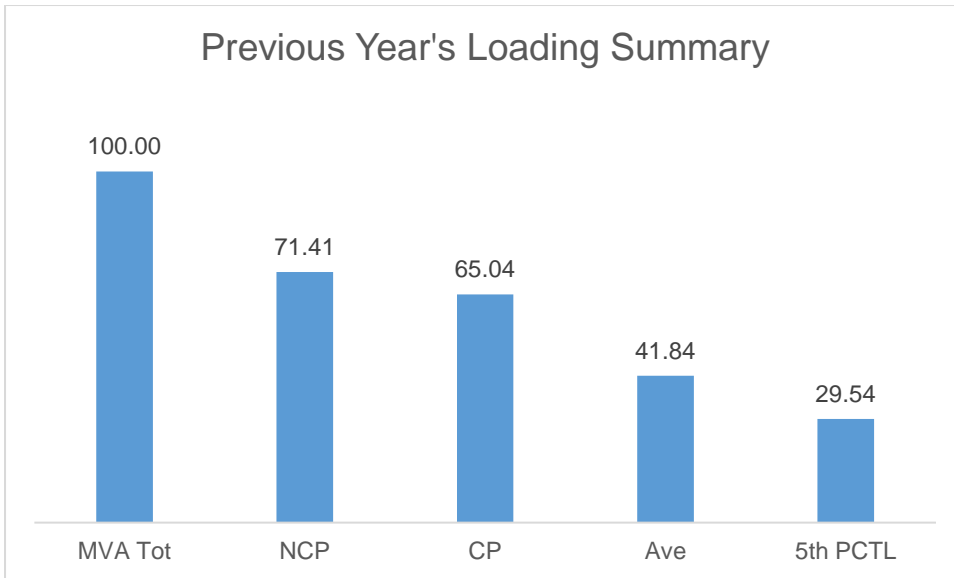


Based on the Load Duration Curve, the minimum load is 57.12 MW and the maximum load is 67.79 MW for the last historical year.



Peak MW occurred on HR 22 (10:00PM), June 5, 2020. Peak MWh occurred on June 2020 Billing period. This period is the transition between Summer and Rainy season. As per our experience in our Franchise Area, it is during this period that We experience Coincident peak due to heat and humidity. 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 67.785 MW, which is around 67.785% of the total substation capacity of 100 MVA at a power factor of 96.01%. The load factor is around 63.78% and the Average Load demand 63.309 MW.

Metering Point	Substation MVA	Substation Peak MW
CAPTIVE_CONTAR101	15	12.245
CAPTIVE_CONTAR102	10	11.219
CAPTIVE_CONTAR103	30	10.453
CAPTIVE_CONTAR104	10	10.166
CAPTIVE_CONTAR105	5	4.065
CAPTIVE_CONTAR106	10	8.391
CAPTIVE_CONTAR107	10	9.783
CAPTIVE_CONTAR108	10	5.092

Substation transformer 15 MVA of Paniqui is expected to be loaded at 70% in the year 2020. This will be addressed by installing a new 20 MVA Substator located at Apulid Paniqui along national highway. Substation transformer 5 MVA of Moncada is expected to be loaded at 70% in the year 2020. This will be addressed by installing a new 10 MVA Substator located at San Manuel Tarlac.

Forecasted Consumption Data

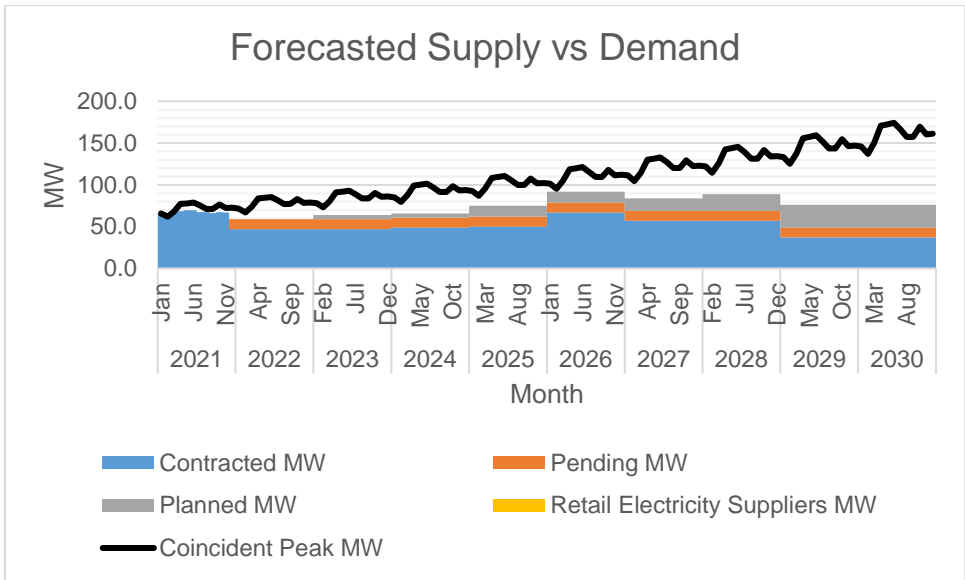
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2021	Jan	66.01	65.91	0.00	0.000		100%	100%	-0.10
	Feb	61.93	65.12	0.00	0.000		105%	105%	3.19
	Mar	68.14	67.64	0.00	0.000		99%	99%	-0.50
	Apr	77.14	68.45	0.00	0.000		89%	89%	-8.70
	May	77.86	69.53	0.00	0.000		89%	89%	-8.33
	Jun	78.77	69.53	0.00	0.000		88%	88%	-9.24
	Jul	75.25	67.36	0.00	0.000		90%	90%	-7.90
	Aug	71.12	67.32	0.00	0.000		95%	95%	-3.79
	Sep	71.15	66.28	0.00	0.000		93%	93%	-4.87
	Oct	76.58	67.53	0.00	0.000		88%	88%	-9.05
	Nov	72.48	67.11	0.00	0.000		93%	93%	-5.37
	Dec	72.80	47.00	12.00	0.000		65%	81%	-13.80
2022	Jan	71.60	47.00	12.00	0.000		66%	82%	-12.60
	Feb	67.17	47.00	12.00	0.000		70%	88%	-8.17
	Mar	73.91	47.00	12.00	0.000		64%	80%	-14.91
	Apr	83.67	47.00	12.00	0.000		56%	71%	-24.67
	May	84.44	47.00	12.00	0.000		56%	70%	-25.44
	Jun	85.43	47.00	12.00	0.000		55%	69%	-26.43
	Jul	81.62	47.00	12.00	0.000		58%	72%	-22.62
	Aug	77.14	47.00	12.00	0.000		61%	76%	-18.14
	Sep	77.17	47.00	12.00	0.000		61%	76%	-18.17
	Oct	83.06	47.00	12.00	0.000		57%	71%	-24.06
	Nov	78.61	47.00	12.00	0.000		60%	75%	-19.61
	Dec	78.96	47.00	12.00	0.000		60%	75%	-19.96
2023	Jan	77.95	47.00	12.00	5.000		60%	82%	-13.95
	Feb	73.13	47.00	12.00	5.000		64%	88%	-9.13
	Mar	80.46	47.00	12.00	5.000		58%	80%	-16.46
	Apr	91.09	47.00	12.00	5.000		52%	70%	-27.09

	May	91.93	47.00	12.00	5.000		51%	70%	-27.93
	Jun	93.01	47.00	12.00	5.000		51%	69%	-29.01
	Jul	88.86	47.00	12.00	5.000		53%	72%	-24.86
	Aug	83.98	47.00	12.00	5.000		56%	76%	-19.98
	Sep	84.02	47.00	12.00	5.000		56%	76%	-20.02
	Oct	90.43	47.00	12.00	5.000		52%	71%	-26.43
	Nov	85.58	47.00	12.00	5.000		55%	75%	-21.58
	Dec	85.96	47.00	12.00	5.000		55%	74%	-21.96
2024	Jan	84.95	49.00	12.00	5.000		58%	78%	-18.95
	Feb	79.70	49.00	12.00	5.000		61%	83%	-13.70
	Mar	87.69	49.00	12.00	5.000		56%	75%	-21.69
	Apr	99.28	49.00	12.00	5.000		49%	66%	-33.28
	May	100.19	49.00	12.00	5.000		49%	66%	-34.19
	Jun	101.37	49.00	12.00	5.000		48%	65%	-35.37
	Jul	96.84	49.00	12.00	5.000		51%	68%	-30.84
	Aug	91.52	49.00	12.00	5.000		54%	72%	-25.52
	Sep	91.57	49.00	12.00	5.000		54%	72%	-25.57
	Oct	98.55	49.00	12.00	5.000		50%	67%	-32.55
	Nov	93.27	49.00	12.00	5.000		53%	71%	-27.27
	Dec	93.68	49.00	12.00	5.000		52%	70%	-27.68
2025	Jan	92.81	50.00	12.00	13.000		54%	81%	-17.81
	Feb	87.07	50.00	12.00	13.000		57%	86%	-12.07
	Mar	95.80	50.00	12.00	13.000		52%	78%	-20.80
	Apr	108.46	50.00	12.00	13.000		46%	69%	-33.46
	May	109.46	50.00	12.00	13.000		46%	69%	-34.46
	Jun	110.74	50.00	12.00	13.000		45%	68%	-35.74
	Jul	105.80	50.00	12.00	13.000		47%	71%	-30.80
	Aug	99.99	50.00	12.00	13.000		50%	75%	-24.99
	Sep	100.04	50.00	12.00	13.000		50%	75%	-25.04
	Oct	107.67	50.00	12.00	13.000		46%	70%	-32.67
	Nov	101.90	50.00	12.00	13.000		49%	74%	-26.90
	Dec	102.35	50.00	12.00	13.000		49%	73%	-27.35
2026	Jan	101.61	67.00	12.00	13.000		66%	91%	-9.61

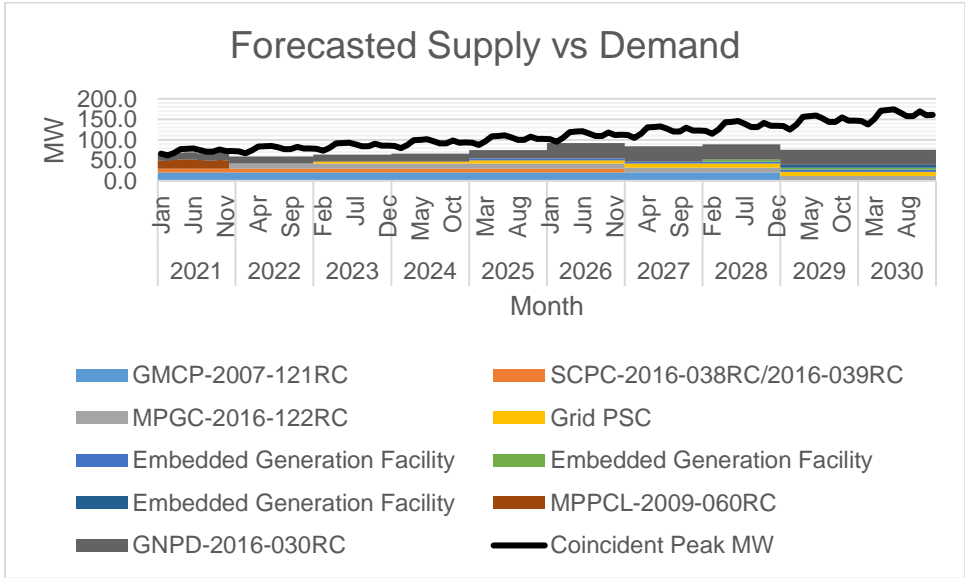
	Feb	95.33	67.00	12.00	13.000		70%	97%	-3.33
	Mar	104.89	67.00	12.00	13.000		64%	88%	-12.89
	Apr	118.75	67.00	12.00	13.000		56%	77%	-26.75
	May	119.84	67.00	12.00	13.000		56%	77%	-27.84
	Jun	121.24	67.00	12.00	13.000		55%	76%	-29.24
	Jul	115.83	67.00	12.00	13.000		58%	79%	-23.83
	Aug	109.47	67.00	12.00	13.000		61%	84%	-17.47
	Sep	109.52	67.00	12.00	13.000		61%	84%	-17.52
	Oct	117.88	67.00	12.00	13.000		57%	78%	-25.88
	Nov	111.57	67.00	12.00	13.000		60%	82%	-19.57
	Dec	112.06	67.00	12.00	13.000		60%	82%	-20.06
2027	Jan	111.46	57.00	12.00	15.000		51%	75%	-27.46
	Feb	104.57	57.00	12.00	15.000		55%	80%	-20.57
	Mar	115.05	57.00	12.00	15.000		50%	73%	-31.05
	Apr	130.25	57.00	12.00	15.000		44%	64%	-46.25
	May	131.45	57.00	12.00	15.000		43%	64%	-47.45
	Jun	132.99	57.00	12.00	15.000		43%	63%	-48.99
	Jul	127.06	57.00	12.00	15.000		45%	66%	-43.06
	Aug	120.08	57.00	12.00	15.000		47%	70%	-36.08
	Sep	120.14	57.00	12.00	15.000		47%	70%	-36.14
	Oct	129.30	57.00	12.00	15.000		44%	65%	-45.30
	Nov	122.38	57.00	12.00	15.000		47%	69%	-38.38
	Dec	122.91	57.00	12.00	15.000		46%	68%	-38.91
2028	Jan	122.01	57.00	12.00	20.000		47%	73%	-33.01
	Feb	114.47	57.00	12.00	20.000		50%	78%	-25.47
	Mar	125.95	57.00	12.00	20.000		45%	71%	-36.95
	Apr	142.59	57.00	12.00	20.000		40%	62%	-53.59
	May	143.91	57.00	12.00	20.000		40%	62%	-54.91
	Jun	145.59	57.00	12.00	20.000		39%	61%	-56.59
	Jul	139.09	57.00	12.00	20.000		41%	64%	-50.09
	Aug	131.45	57.00	12.00	20.000		43%	68%	-42.45
	Sep	131.52	57.00	12.00	20.000		43%	68%	-42.52
	Oct	141.55	57.00	12.00	20.000		40%	63%	-52.55

	Nov	133.97	57.00	12.00	20.000		43%	66%	-44.97
	Dec	134.56	57.00	12.00	20.000		42%	66%	-45.56
2029	Jan	133.39	37.00	12.00	27.000		28%	57%	-57.39
	Feb	125.14	37.00	12.00	27.000		30%	61%	-49.14
	Mar	137.69	37.00	12.00	27.000		27%	55%	-61.69
	Apr	155.88	37.00	12.00	27.000		24%	49%	-79.88
	May	157.32	37.00	12.00	27.000		24%	48%	-81.32
	Jun	159.16	37.00	12.00	27.000		23%	48%	-83.16
	Jul	152.06	37.00	12.00	27.000		24%	50%	-76.06
	Aug	143.71	37.00	12.00	27.000		26%	53%	-67.71
	Sep	143.78	37.00	12.00	27.000		26%	53%	-67.78
	Oct	154.75	37.00	12.00	27.000		24%	49%	-78.75
	Nov	146.46	37.00	12.00	27.000		25%	52%	-70.46
	Dec	147.10	37.00	12.00	27.000		25%	52%	-71.10
2030	Jan	146.09	37.00	12.00	27.000		25%	52%	-70.09
	Feb	137.06	37.00	12.00	27.000		27%	55%	-61.06
	Mar	150.80	37.00	12.00	27.000		25%	50%	-74.80
	Apr	170.72	37.00	12.00	27.000		22%	45%	-94.72
	May	172.30	37.00	12.00	27.000		21%	44%	-96.30
	Jun	174.31	37.00	12.00	27.000		21%	44%	-98.31
	Jul	166.54	37.00	12.00	27.000		22%	46%	-90.54
	Aug	157.39	37.00	12.00	27.000		24%	48%	-81.39
	Sep	157.46	37.00	12.00	27.000		23%	48%	-81.46
	Oct	169.48	37.00	12.00	27.000		22%	45%	-93.48
	Nov	160.40	37.00	12.00	27.000		23%	47%	-84.40
	Dec	161.10	37.00	12.00	27.000		23%	47%	-85.10

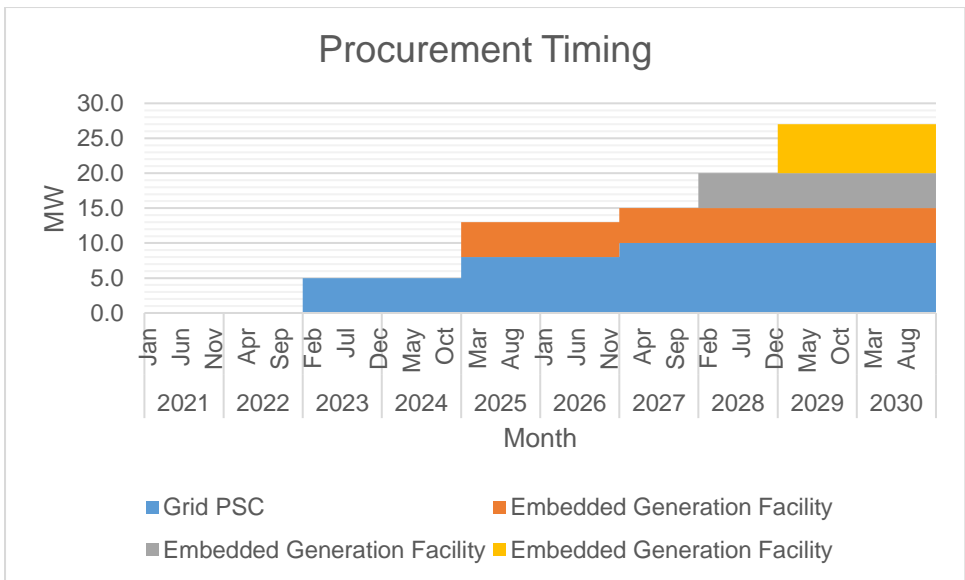
The Peak Demand was forecasted using time trend and was assumed to occur on the month of June due to peak season. Monthly Peak Demand is at its lowest on the month of February due to off peak. In general, Peak Demand is expected to grow at a rate of 9.74% on the average annually.



The available supply is generally below the Peak Demand. This is because the Coop is still in the process of securing a new PSC for additional supply and compliance to RPS.

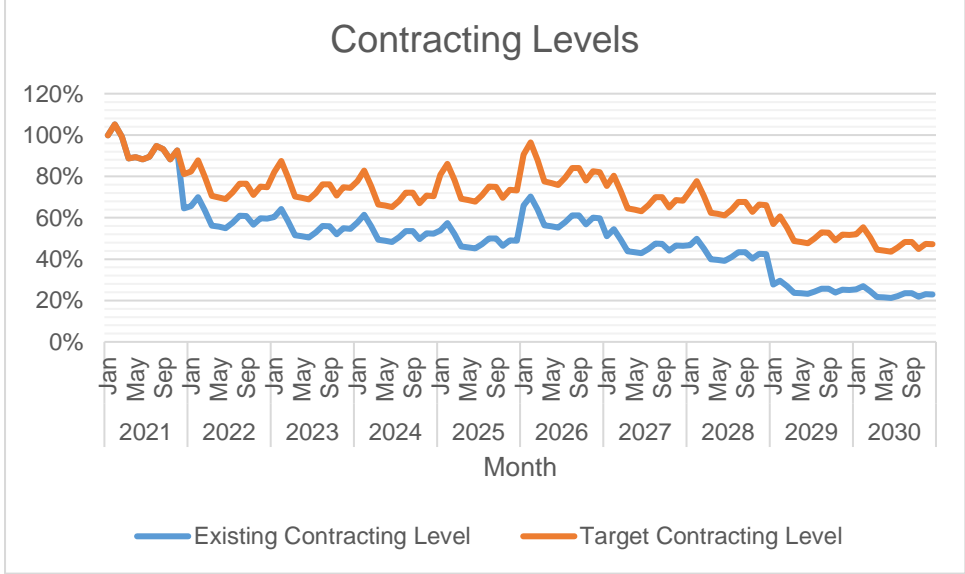


Of the available supply, the largest is MPPCL with 22.530 MW for the month of May of 2021. This is followed by GMCP with 20MW, GNPCL with 17MW but increasing to 37MW on the year 2026 onwards. Next is MPGC with 12MW starting Nov. 26, 2021 and lastly, SMCPCL with 10MW.

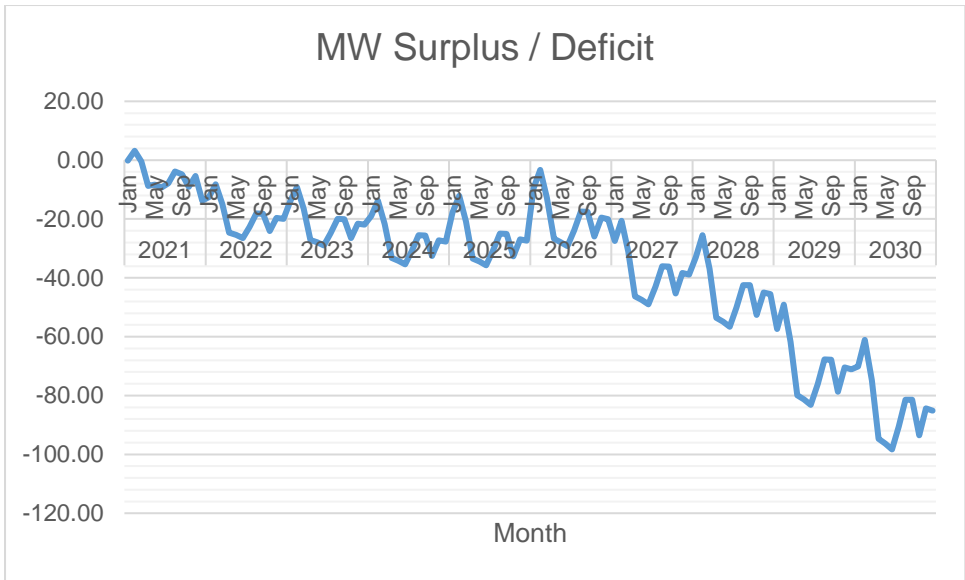


The first wave of supply procurement will be for 5 MW Baseload (RE Eligible existing Power Plant-Grid connected) planned to be available by the month of December 26, 2022, and 5MW Embedded Power Plant (Joint Venture or Coop owned) expected to be available on December 26, 2024. This will be followed after a year by another 5MW Embedded Power Plant (Joint Venture or Coop owned) on December 26, 2025, together with a 7MW embedded Power Plant (Joint Venture or Co-Development) and is expected to be available on December 26, 2025.

All of these 4 RE-eligible PSC will be procured as TARELCO1’s compliance to the RPS, load growth and replacement to expiring PSC (SCCPC on 2026 and GMCP on 2028).



For 2020, there is under-contracting by 12%. But for 2021, Contracted supply (MWh) is sufficient up to 2023 due to the commencement of GNPD (GNPower Dinginin Ltd. Co.) PSC with 17MW additional supply which started its delivery last December 26, 2020. Another PSC will also commence on November 26, 2021. It is MPGC (Mariveles Power Generation Company) with an additional contract demand of 12MW. Both PSC are procured and signed way back 2014 as aggregated supply for CLECA-FLAG (Central Luzon EC Association-First Luzon Aggregation Group).



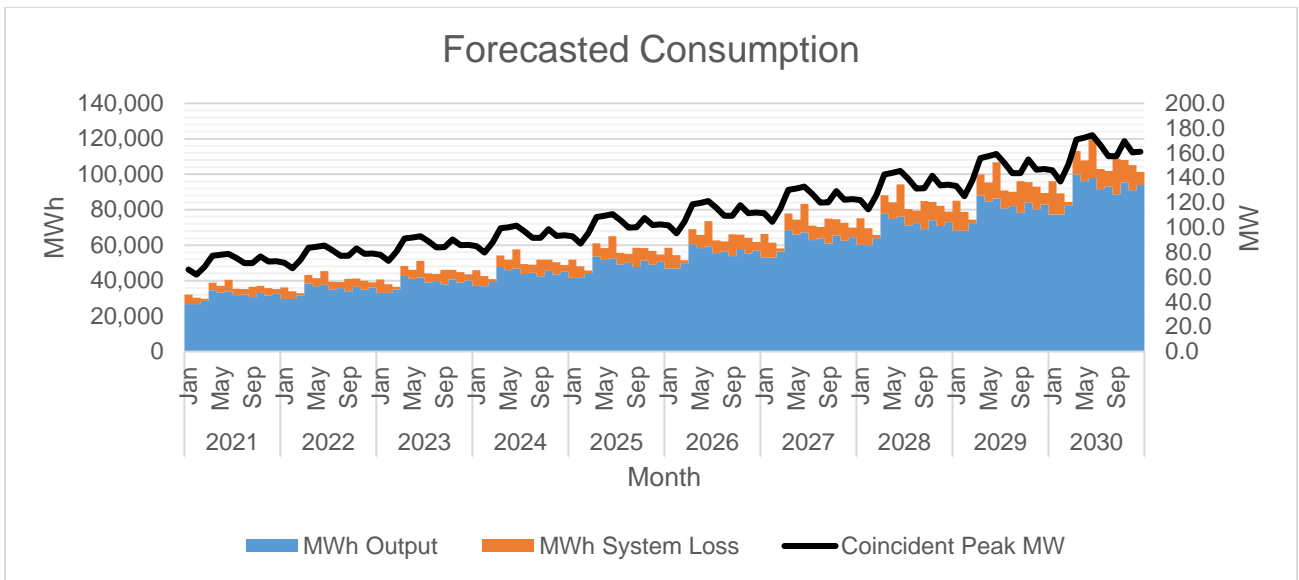
Currently (2021), there is under-contacting by an average of 7.58 MW. The highest deficit is 13.80MW which is expected to occur on the month of December 2021. The lowest deficit is 0.10 MW which is expected to occur on the month of January 2021.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2021	Jan	41,696	26,786	5,442	22.71%	16.89%
	Feb	40,824	26,765	3,674	25.44%	12.07%
	Mar	42,422	28,481	1,299	29.80%	4.36%
	Apr	46,686	34,580	4,200	16.93%	10.83%
	May	47,666	33,314	3,819	22.10%	10.28%
	Jun	43,778	33,899	6,665	7.34%	16.43%
	Jul	42,923	31,728	3,661	17.55%	10.35%
	Aug	43,285	32,242	3,039	18.49%	8.61%
	Sep	42,451	30,725	5,865	13.81%	16.03%
	Oct	44,176	33,026	3,998	16.19%	10.80%
	Nov	45,484	31,544	4,325	21.14%	12.06%
	Dec	43,176	32,557	2,600	18.57%	7.39%
2022	Jan	43,896	29,664	6,457	17.71%	17.88%
	Feb	39,648	29,641	4,296	14.41%	12.66%
	Mar	43,896	31,541	1,358	25.05%	4.13%
	Apr	42,480	38,296	4,878	-1.63%	11.30%
	May	43,896	36,893	4,411	5.91%	10.68%
	Jun	42,480	37,541	7,893	-6.95%	17.37%
	Jul	43,896	35,137	4,238	10.30%	10.76%
	Aug	43,896	35,706	3,479	10.73%	8.88%
	Sep	42,480	34,026	6,923	3.60%	16.91%
	Oct	43,896	36,574	4,659	6.06%	11.30%
	Nov	42,480	34,933	5,066	5.84%	12.66%
	Dec	43,896	36,056	2,954	11.13%	7.57%
2023	Jan	47,616	33,028	7,591	14.69%	18.69%
	Feb	43,008	33,003	4,991	11.66%	13.14%
	Mar	47,616	35,118	1,423	23.26%	3.89%
	Apr	46,080	42,639	5,636	-4.76%	11.67%

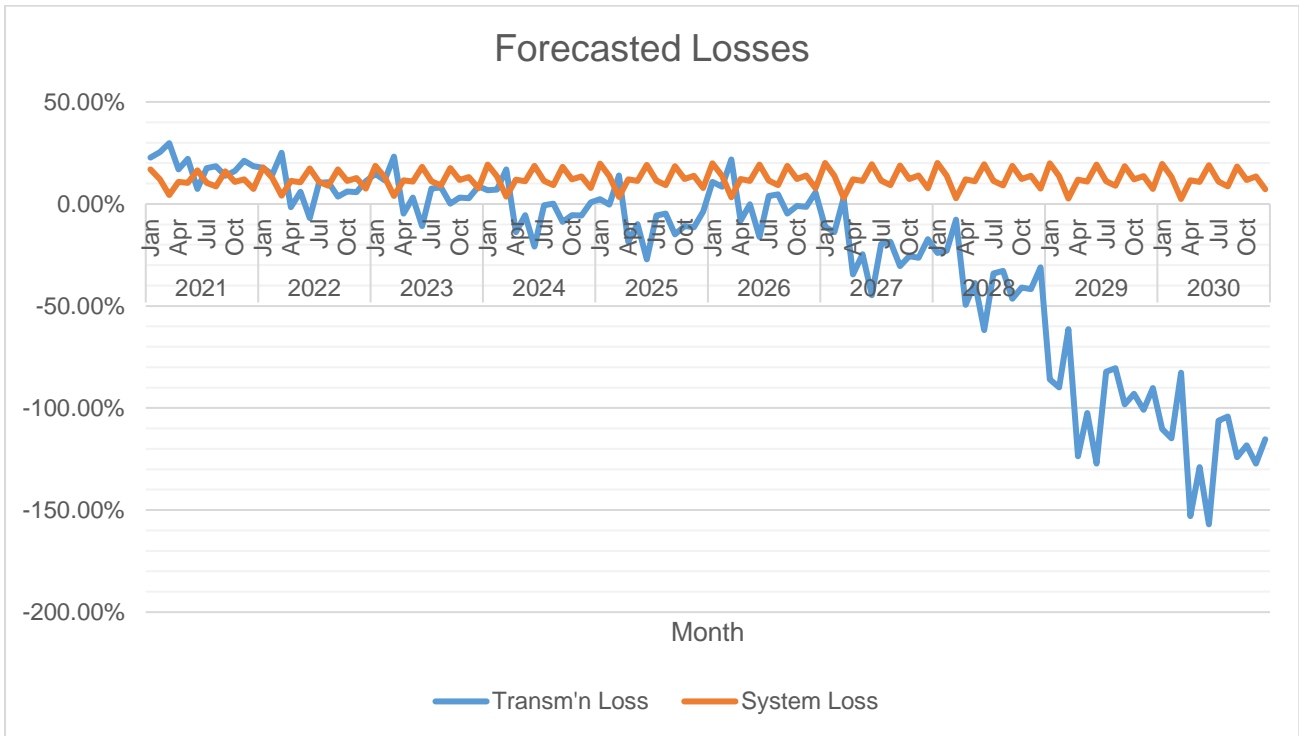
	May	47,616	41,078	5,072	3.08%	10.99%
	Jun	46,080	41,799	9,266	-10.82%	18.15%
	Jul	47,616	39,123	4,883	7.58%	11.10%
	Aug	47,616	39,756	3,970	8.17%	9.08%
	Sep	46,080	37,885	8,106	0.19%	17.63%
	Oct	47,616	40,723	5,398	3.14%	11.70%
	Nov	46,080	38,895	5,894	2.80%	13.16%
	Dec	47,616	40,145	3,351	8.65%	7.70%
2024	Jan	49,104	36,964	8,845	6.71%	19.31%
	Feb	45,936	36,935	5,760	7.06%	13.49%
	Mar	49,104	39,303	1,495	16.92%	3.66%
	Apr	47,640	47,721	6,473	-13.76%	11.94%
	May	49,104	45,972	5,804	-5.44%	11.21%
	Jun	47,640	46,780	10,783	-20.83%	18.73%
	Jul	49,104	43,784	5,596	-0.56%	11.33%
	Aug	49,104	44,493	4,513	0.20%	9.21%
	Sep	47,640	42,399	9,413	-8.76%	18.17%
	Oct	49,104	45,576	6,215	-5.47%	12.00%
	Nov	47,640	43,530	6,809	-5.67%	13.53%
	Dec	49,104	44,929	3,789	0.79%	7.78%
2025	Jan	53,010	41,555	10,218	2.33%	19.74%
	Feb	47,964	41,523	6,601	-0.33%	13.72%
	Mar	53,204	44,184	1,573	14.00%	3.44%
	Apr	51,487	53,648	7,390	-18.55%	12.11%
	May	53,019	51,683	6,605	-9.94%	11.33%
	Jun	51,120	52,590	12,445	-27.22%	19.14%
	Jul	52,638	49,223	6,377	-5.63%	11.47%
	Aug	52,638	50,020	5,108	-4.73%	9.27%
	Sep	50,940	47,665	10,844	-14.86%	18.53%
	Oct	52,638	51,237	7,109	-10.84%	12.18%
	Nov	50,940	48,937	7,812	-11.40%	13.77%
	Dec	52,824	50,510	4,269	-3.70%	7.79%
2026	Jan	65,658	46,886	11,711	10.75%	19.99%
	Feb	59,388	46,850	7,516	8.46%	13.83%
	Mar	65,852	49,853	1,659	21.78%	3.22%
	Apr	63,727	60,532	8,388	-8.15%	12.17%
	May	65,667	58,314	7,475	-0.19%	11.36%
	Jun	63,360	59,338	14,251	-16.14%	19.37%
	Jul	65,286	55,538	7,225	3.86%	11.51%
	Aug	65,286	56,437	5,754	4.74%	9.25%
	Sep	63,180	53,780	12,400	-4.75%	18.74%
	Oct	65,286	57,811	8,081	-0.93%	12.26%
	Nov	63,180	55,216	8,902	-1.48%	13.88%
	Dec	65,472	56,990	4,790	5.64%	7.75%
2027	Jan	59,706	53,042	13,323	-11.15%	20.08%
	Feb	54,012	53,001	8,504	-13.87%	13.83%
	Mar	59,900	56,399	1,752	2.92%	3.01%
	Apr	57,967	68,480	9,464	-34.46%	12.14%
	May	59,715	65,970	8,416	-24.57%	11.31%

	Jun	57,600	67,129	16,201	-44.67%	19.44%
	Jul	59,334	62,831	8,142	-19.61%	11.47%
	Aug	59,334	63,848	6,453	-18.48%	9.18%
	Sep	57,420	60,841	14,081	-30.48%	18.79%
	Oct	59,334	65,402	9,131	-25.62%	12.25%
	Nov	57,420	62,466	10,079	-26.34%	13.89%
	Dec	59,520	64,473	5,354	-17.32%	7.67%
2028	Jan	60,636	60,107	15,055	-23.96%	20.03%
	Feb	56,658	60,060	9,566	-22.89%	13.74%
	Mar	61,025	63,911	1,851	-7.76%	2.81%
	Apr	59,054	77,603	10,621	-49.39%	12.04%
	May	60,655	74,758	9,426	-38.79%	11.20%
	Jun	58,320	76,070	18,297	-61.81%	19.39%
	Jul	59,892	71,200	9,126	-34.12%	11.36%
	Aug	59,892	72,353	7,202	-32.83%	9.05%
	Sep	57,960	68,945	15,886	-46.36%	18.73%
	Oct	59,892	74,114	10,259	-40.87%	12.16%
	Nov	57,960	70,787	11,343	-41.70%	13.81%
	Dec	60,264	73,062	5,958	-31.12%	7.54%
2029	Jan	45,756	68,166	16,906	-85.93%	19.87%
	Feb	41,496	68,113	10,700	-89.93%	13.58%
	Mar	46,145	72,480	1,957	-61.31%	2.63%
	Apr	44,654	88,008	11,857	-123.64%	11.87%
	May	47,083	84,781	10,505	-102.38%	11.02%
	Jun	46,992	86,270	20,536	-127.29%	19.23%
	Jul	49,901	80,746	10,178	-82.21%	11.19%
	Aug	49,901	82,054	8,004	-80.47%	8.89%
	Sep	48,449	78,188	17,815	-98.15%	18.56%
	Oct	49,503	84,051	11,464	-92.95%	12.00%
	Nov	46,282	80,279	12,694	-100.89%	13.65%
	Dec	47,041	82,858	6,605	-90.18%	7.38%
2030	Jan	45,756	77,303	18,876	-110.20%	19.63%
	Feb	41,496	77,243	11,908	-114.84%	13.36%
	Mar	46,145	82,196	2,070	-82.61%	2.46%
	Apr	44,654	99,806	13,174	-153.01%	11.66%
	May	47,083	96,146	11,654	-128.96%	10.81%
	Jun	46,992	97,834	22,920	-156.97%	18.98%
	Jul	49,901	91,570	11,298	-106.15%	10.98%
	Aug	49,901	93,053	8,857	-104.23%	8.69%
	Sep	48,449	88,668	19,869	-124.02%	18.31%
	Oct	49,503	95,319	12,748	-118.30%	11.80%
	Nov	46,282	91,040	14,133	-127.25%	13.44%
	Dec	47,041	93,965	7,294	-115.25%	7.20%

The Peak Demand was forecasted using time trend and was assumed to occur on the month of June due to peak season. Monthly Peak Demand is at its lowest on the month of February due to off peak. In general, Peak Demand is expected to grow at a rate of 9.74% on the average annually.



MWh Output was expected to grow at a rate of 12.28% annually.



Transmission Loss is expected to range from 28.38% to 5.68% while System Loss is expected to range from 8.60% to 12.4%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
GMCP-2007-121RC	Base	GN Power Mariveles Coal Plant Ltd.	14.00	122,975	12/26/2012	12/25/2028
SCPC-2016-038RC/2016-039RC	Base	San Miguel Consolidated Power Corporation	10.00	61,488	12/26/2017	12/25/2026
MPPCL-2009-060RC	Intermediate	Masinloc Power Partners Company, Ltd.	0.00	569,623	12/26/2012	11/25/2021
GNPD-2016-030RC	Intermediate	GN Power Dinginin	11.05	96,798	12/26/2020	12/25/2041

The PSA with GNPower Mariveles Coal Plant Ltd., Co. (GMCP) now GNPower Mariveles Energy Center Ltd., Co. (GMEC) filed with ERC under Case No. GMCP-2007-121RC was procured to provide for base load requirements. Historically, the utilization of the PSA is 90-98%. The actual billed overall monthly charge under the PSA ranged from 3.78 P/kWh to 5.34 P/KWh for 2020.

The PSA with SCPC filed with ERC under Case No. 2016-038RC/2016-039RC. It was selected to provide for base requirement. Historically, the utilization of the PSA is 100%. The actual billed overall monthly charge under the PSA ranged from 2.95 P/kWh to 5.32 P/KWh in 2021.

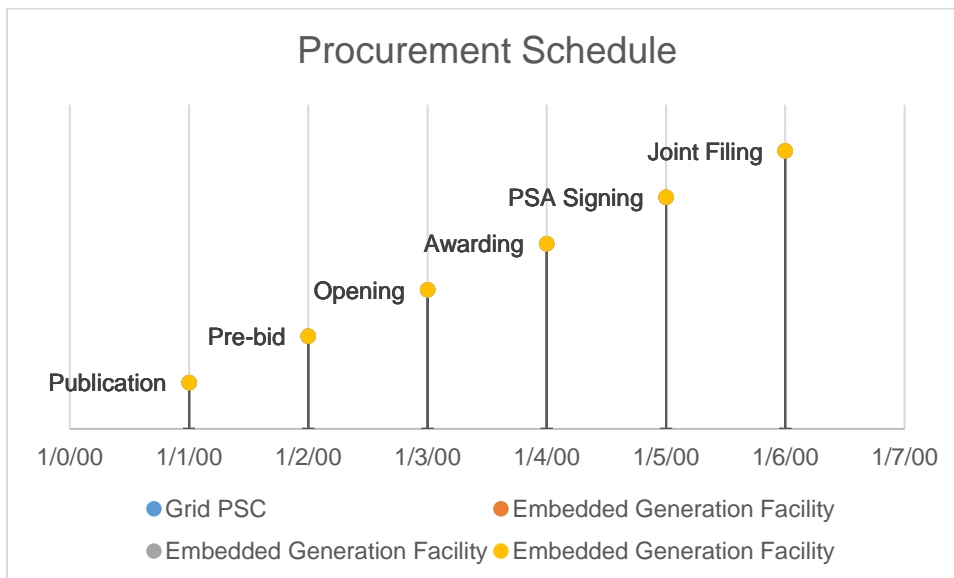
The PSA with MPPCL filed with ERC under Case No. 2009-060RC. It was selected to provide for Intermediate requirement. Historically, the utilization of the PSA is 99-110%. The actual billed overall monthly charge under the PSA ranged from 4.10 P/kWh to 5.7 P/KWh in 2021.

The PSA with GNPD filed with ERC under Case No. 2016-030RC was procured through CSP conducted by CLECA-FLAG under the guidance of UP-NEC. It was selected to provide for base/intermediate requirement and as a replacement to the expiring MPPCL PSA

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
MPGC-2016-122RC	Base	Mariveles Power Generation Corporation	7.80	68,328	11/26/2021	11/25/2041

The PSA with MPGC filed with ERC under Case No. 2016-122RC was procured through CSP conducted by CLECA-FLAG. It was selected to provide for base/intermediate requirement and as a replacement to the expiring MPPCL PSA

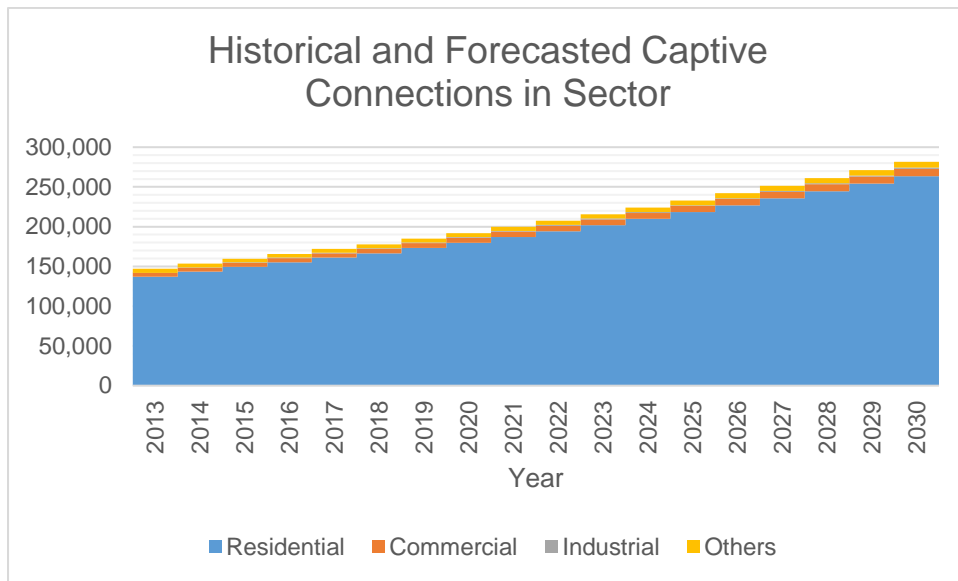
	Grid PSC	Embedded Generation Facility	Embedded Generation Facility	Embedded Generation Facility
Type	Base	Base	Base	Base
Minimum MW	5.00	5.00	5.00	5.00
Minimum MWh/yr	43,800	9,223	9,223	20,808
PSA Start	12/26/2022	12/26/2024	12/26/2025	12/26/2025
PSA End	12/25/2042	12/25/2046	12/25/2045	12/25/2045
Publication	01/17/2022	01/17/2022	01/16/2023	01/16/2023
Pre-bid	01/31/2022	01/31/2022	01/31/2023	01/31/2023
Opening	02/14/2022	02/14/2022	02/14/2023	02/14/2023
Awarding	02/28/2022	02/28/2022	02/28/2023	02/28/2023
PSA Signing	03/7/2022	03/7/2022	03/7/2023	03/7/2023
Joint Filing	05/28/2022	05/28/2022	05/28/2023	05/28/2023



For the procurement of 5MW base-load supply (Grid Connected) and 5MW embedded power supply which is planned to be available on December 26, 2022 and December 26, 2024 respectively, the first publication or launch of CSP will be on January 17, 2022. Joint filing is planned on May 28, 2022, or 150 days later, in accordance with DOE's 2018 CSP Policy.

For the procurement of 7MW and 5MW embedded power supply which is planned to be available on December 26, 2025, the first publication or launch of CSP will be on January 16, 2023. Joint filing is planned on May 28, 2023, or 150 days later, in accordance with DOE's 2018 CSP Policy.

Captive Customer Connections



The number of Customer connections is expected to grow at a rate of 4.31% annually. Said customer class is expected to account for 10.75% of the total consumption.