

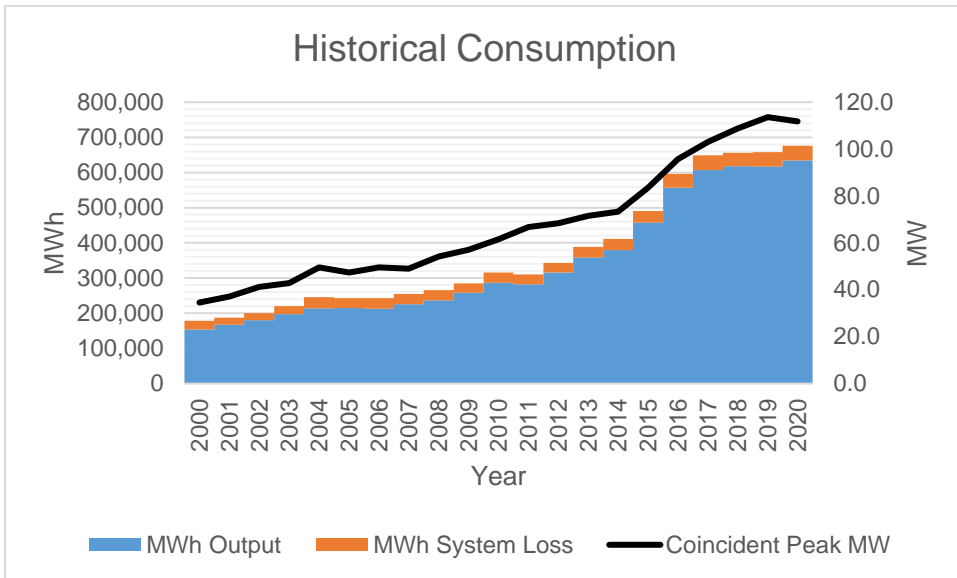
Power Supply Procurement Plan 2021

PENINSULA ELECTRIC COOPERATIVE, INC.

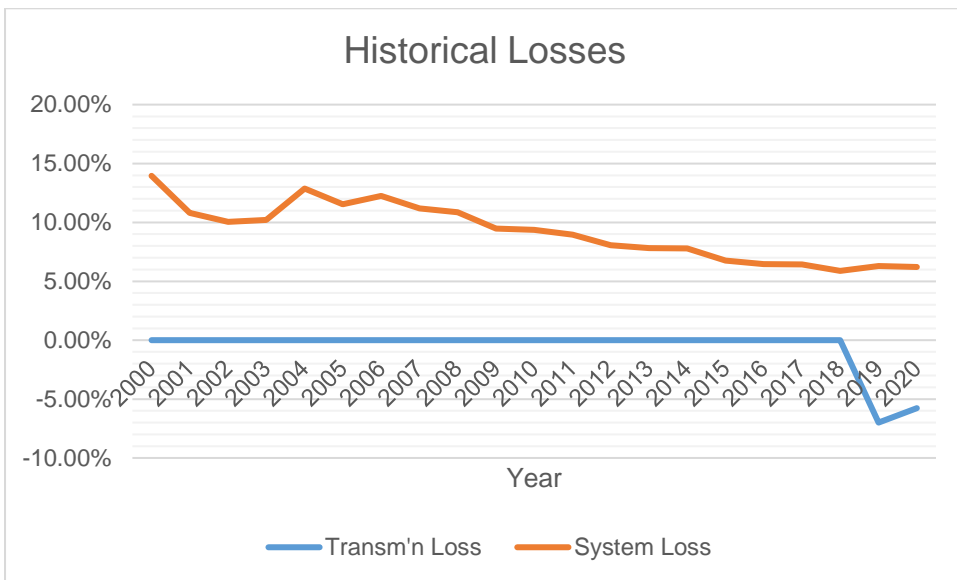
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	34.57	178,427	0	178,427	153,529	24,898	59%	0.00%	0.00%	13.95%
2001	37.08	187,209	0	187,209	166,974	20,236	58%	0.00%	0.00%	10.81%
2002	41.16	200,254	0	200,254	180,124	20,130	56%	0.00%	0.00%	10.05%
2003	42.87	220,022	0	220,022	197,574	22,448	59%	0.00%	0.00%	10.20%
2004	49.55	245,856	0	245,856	214,222	31,635	57%	0.00%	0.00%	12.87%
2005	47.38	242,655	0	242,655	214,646	28,009	58%	0.00%	0.00%	11.54%
2006	49.48	243,064	0	243,064	213,267	29,798	56%	0.00%	0.00%	12.26%
2007	49.04	254,364	0	254,364	225,934	28,430	59%	0.00%	0.00%	11.18%
2008	54.14	265,379	0	265,379	236,589	28,791	56%	0.00%	0.00%	10.85%
2009	57.10	285,121	0	285,121	258,076	27,045	57%	0.00%	0.00%	9.49%
2010	61.55	315,857	45,770	315,857	286,256	29,601	59%	0.00%	0.00%	9.37%
2011	66.77	310,221	30,244	310,221	282,440	27,781	53%	0.00%	0.00%	8.96%
2012	68.39	343,012	62,913	343,012	315,374	27,638	57%	0.00%	0.00%	8.06%
2013	71.50	388,742	218,200	388,742	358,324	30,418	62%	0.00%	0.00%	7.82%
2014	73.25	411,201	99,172	411,201	379,172	32,029	64%	0.00%	0.00%	7.79%
2015	83.49	490,637	122,736	490,637	457,544	33,093	67%	0.00%	0.00%	6.74%
2016	95.68	595,724	180,110	595,724	557,283	38,441	71%	0.00%	0.00%	6.45%
2017	103.08	648,393	161,030	648,393	606,708	41,685	72%	0.00%	0.00%	6.43%
2018	108.84	656,209	141,789	656,209	617,610	38,600	69%	0.00%	0.00%	5.88%
2019	113.60	615,093	166,368	658,118	616,735	41,383	66%	0.00%	-6.99%	6.29%
2020	111.83	638,952	93,539	675,758	633,790	41,968	69%	0.00%	-5.76%	6.21%

Peak Demand increased from 34.57 MW in 2000 to 111.83 MW in 2020 at an average annual rate of 11.17 % due to the economic and civic growth of the province. MWh Offtake increased from 178,427 MWh in 2000 to 675,758 MWh in 2020 at a rate of 6.88% annually due to the economic and civic growth of the province. Within the same period, Load Factor ranged from 53 % to 72 %. There was an abrupt change in consumption on 2016 due to increase in the industrial customers.

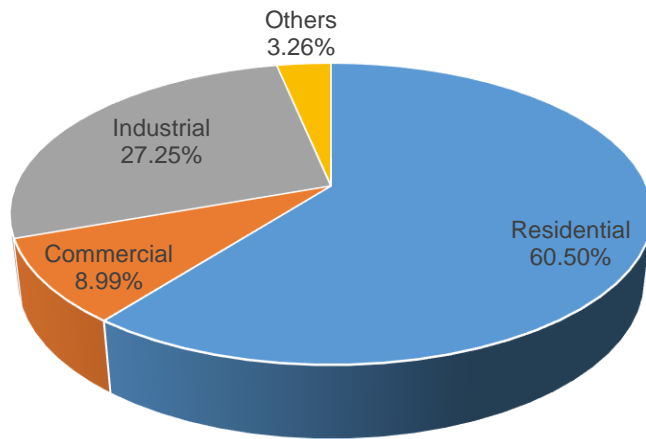


MWh Output increased from year 2000 to year 2020 at a rate of 6.96% annually while MWh System Loss increased at a rate of 2.64% within the same period.



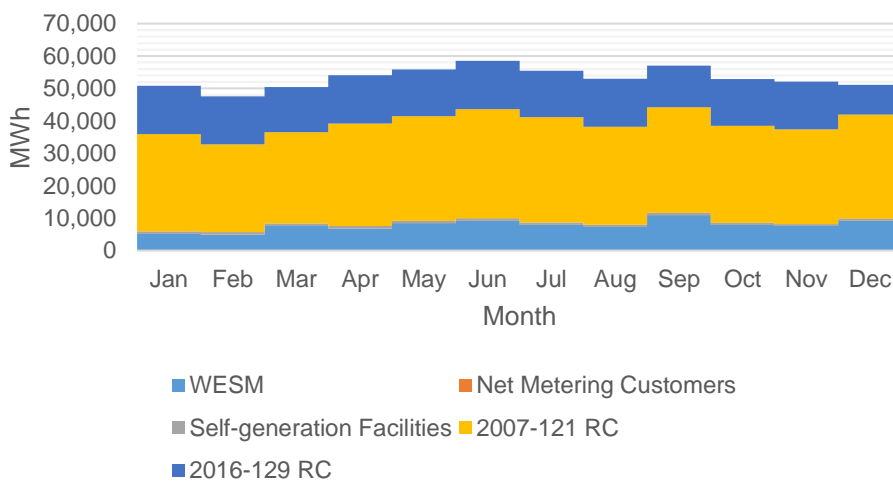
Historically, System Loss ranged from 5.88% to 13.95%. System Loss peaked at 13.95% on year 2000 because of the losses incurred from the downfall of BATELCO is under the efforts of reduction of PENELCO, which is successful as seen in the forthcoming years.

Previous Year's Shares of Energy Sales

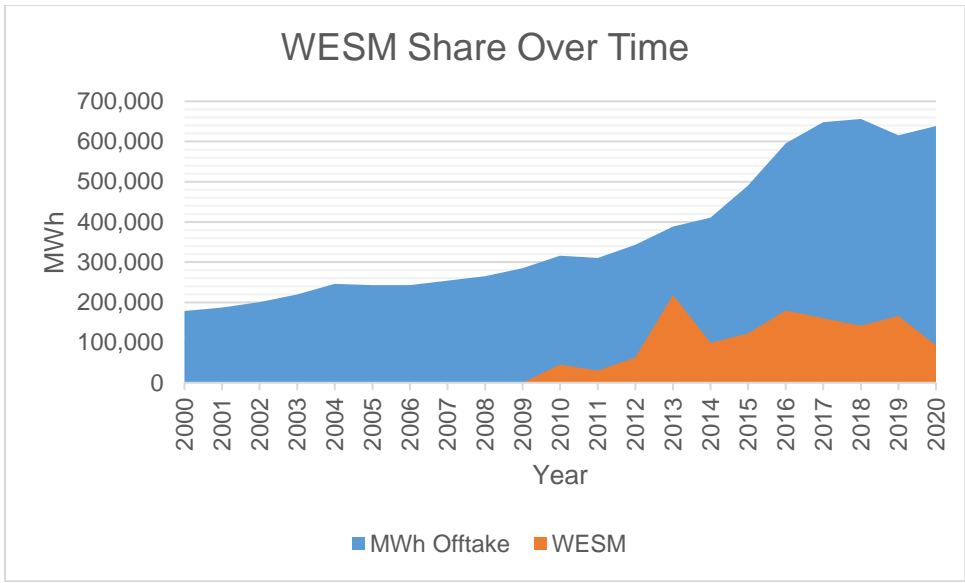


Residential customers account for the bulk of energy sales at 60.50% due to the high number of connections. In contrast, Others customers accounted for only 3.26% of energy sales due to the low number of connections.

MWh Offtake for Last Historical Year

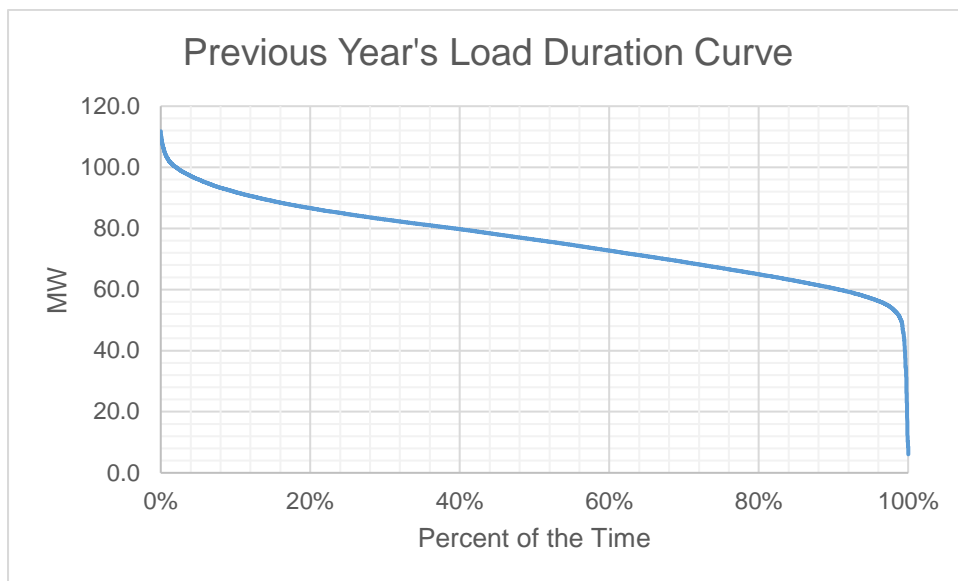


For 2020, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with GMCP accounts for the bulk of MWh Offtake.

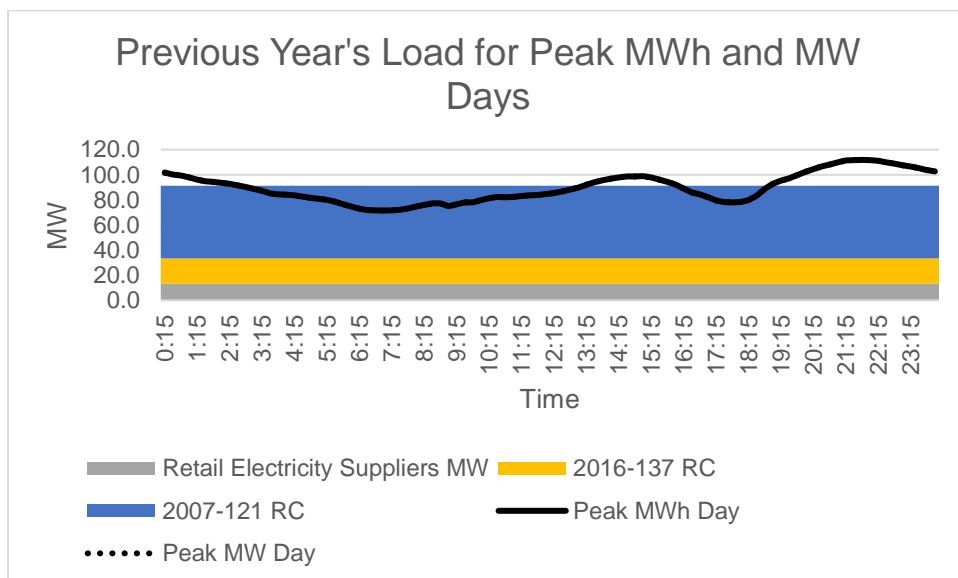


WESM Offtake increased from 45,770 MWh in 2010 to 93,539 MWh in 2020 due to the economic growth of the province. The share of WESM in the total Offtake ranged from 9.75% to 56.13%. The net WESM transaction is positive from 2010 to 2020 because of the economic growth.

Previous Year's Load Profile

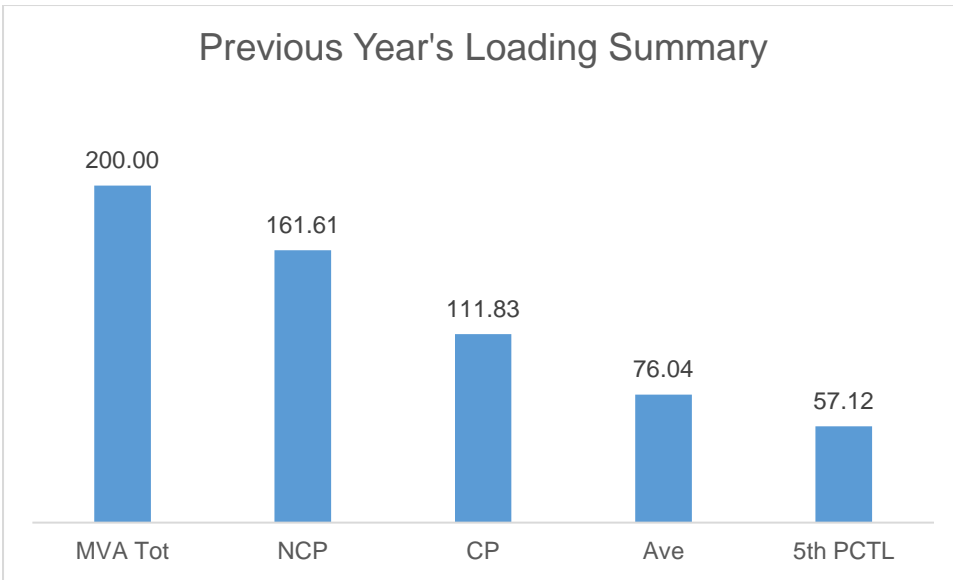


Based on the Load Duration Curve, the minimum load is 89.95 MW and the maximum load is 111.83 MW for the last historical year.



Peak MW occurred on 21:45 due to the overlapping of load activity. Peak daily MWh occurred on the same time due to the same reason. As shown in the Load Curves, the available supply is lower than the Peak Demand thus WESM share over the gap.

Previous Year's Loading Summary



The Non-coincident Peak Demand is 161.61 MW, which is around 80.81% of the total substation capacity of 200 MVA at a power factor of 98%. The load factor or the ratio between the Average Load of 76.04 MW and the Non-coincident Peak Demand is 47.05% of. A safe estimate of the true minimum load is the fifth percentile load of 57.12MW which is 35.34% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
MAAP		1.097
LIMAY TOTALIZER	60	64.184
ALAS-ASIN S/S	20	2.438
BATAAN 2020		3.247
HERMOSA TOTALIZER	70	58.111
CABCABEN	10	5.106
DINALUPIHAN TOTALIZER	30	19.266
MARIVELES		7.561
Puyat Vinyl	10	0.598

The substation loaded at above 70% is Hermosa. This loading problem will be solved by additional substation projects.

Forecasted Consumption Data

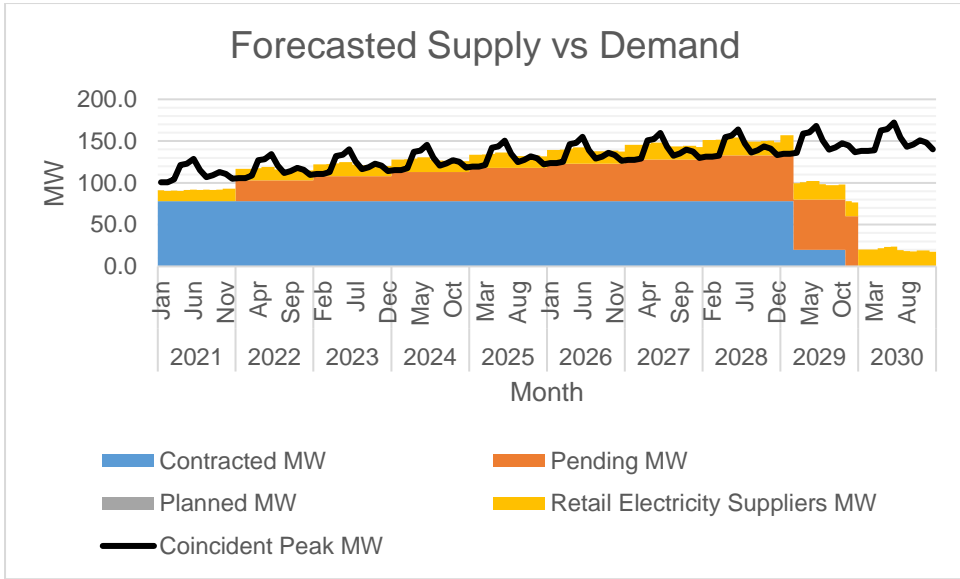
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2021	Jan	100.75	78.00	0.00	0.000	13.30	89%	89%	-9.44
	Feb	100.69	78.00	0.00	0.000	12.55	88%	88%	-10.14
	Mar	103.97	78.00	0.00	0.000	12.68	85%	85%	-13.29
	Apr	121.55	78.00	0.00	0.000	12.44	71%	71%	-31.10
	May	122.86	78.00	0.00	0.000	13.39	71%	71%	-31.47
	Jun	128.75	78.00	0.00	0.000	13.80	68%	68%	-36.95
	Jul	115.41	78.00	0.00	0.000	13.49	77%	77%	-23.92
	Aug	106.99	78.00	0.00	0.000	13.70	84%	84%	-15.29
	Sep	109.08	78.00	0.00	0.000	13.55	82%	82%	-17.53
	Oct	112.78	78.00	0.00	0.000	13.92	79%	79%	-20.86
	Nov	110.75	78.00	0.00	0.000	15.15	82%	82%	-17.60
	Dec	104.75	78.00	0.00	0.000	14.97	87%	87%	-11.79
2022	Jan	105.85	78.00	25.00	0.000	13.62	85%	112%	10.76
	Feb	105.79	78.00	25.00	0.000	13.63	85%	112%	10.84
	Mar	108.69	78.00	25.00	0.000	13.83	82%	109%	8.14
	Apr	127.07	78.00	25.00	0.000	14.68	69%	92%	-9.38
	May	128.44	78.00	25.00	0.000	15.91	69%	92%	-9.53
	Jun	134.60	78.00	25.00	0.000	15.91	66%	87%	-15.69
	Jul	120.65	78.00	25.00	0.000	13.07	73%	96%	-4.58
	Aug	111.85	78.00	25.00	0.000	12.33	78%	103%	3.48
	Sep	114.03	78.00	25.00	0.000	12.18	77%	101%	1.15
	Oct	117.90	78.00	25.00	0.000	12.91	74%	98%	-1.98
	Nov	115.78	78.00	25.00	0.000	12.96	76%	100%	0.18
	Dec	109.51	78.00	25.00	0.000	11.76	80%	105%	5.25
2023	Jan	110.66	78.00	30.00	0.000	14.30	81%	112%	11.64
	Feb	110.60	78.00	30.00	0.000	14.31	81%	112%	11.72
	Mar	113.15	78.00	30.00	0.000	14.52	79%	109%	9.37
	Apr	132.28	78.00	30.00	0.000	15.41	67%	92%	-8.87

	May	133.71	78.00	30.00	0.000	16.70	67%	92%	-9.01
	Jun	140.12	78.00	30.00	0.000	16.70	63%	88%	-15.42
	Jul	125.60	78.00	30.00	0.000	13.72	70%	97%	-3.88
	Aug	116.44	78.00	30.00	0.000	12.95	75%	104%	4.51
	Sep	118.71	78.00	30.00	0.000	12.79	74%	102%	2.08
	Oct	122.74	78.00	30.00	0.000	13.56	71%	99%	-1.18
	Nov	120.53	78.00	30.00	0.000	13.61	73%	101%	1.08
	Dec	114.01	78.00	30.00	0.000	12.35	77%	106%	6.35
2024	Jan	115.20	78.00	35.00	0.000	15.01	78%	113%	12.81
	Feb	115.14	78.00	35.00	0.000	15.03	78%	113%	12.89
	Mar	117.38	78.00	35.00	0.000	15.25	76%	111%	10.86
	Apr	137.23	78.00	35.00	0.000	16.18	64%	93%	-8.04
	May	138.71	78.00	35.00	0.000	17.54	64%	93%	-8.17
	Jun	145.36	78.00	35.00	0.000	17.54	61%	88%	-14.82
	Jul	130.30	78.00	35.00	0.000	14.41	67%	98%	-2.89
	Aug	120.79	78.00	35.00	0.000	13.59	73%	105%	5.80
	Sep	123.15	78.00	35.00	0.000	13.43	71%	103%	3.28
	Oct	127.33	78.00	35.00	0.000	14.24	69%	100%	-0.09
	Nov	125.04	78.00	35.00	0.000	14.29	70%	102%	2.25
	Dec	118.27	78.00	35.00	0.000	12.97	74%	107%	7.70
2025	Jan	119.51	78.00	40.00	0.000	15.76	75%	114%	14.25
	Feb	119.44	78.00	40.00	0.000	15.78	75%	114%	14.34
	Mar	121.41	78.00	40.00	0.000	16.01	74%	112%	12.60
	Apr	141.93	78.00	40.00	0.000	16.99	62%	94%	-6.94
	May	143.46	78.00	40.00	0.000	18.41	62%	94%	-7.05
	Jun	150.34	78.00	40.00	0.000	18.42	59%	89%	-13.93
	Jul	134.77	78.00	40.00	0.000	15.13	65%	99%	-1.64
	Aug	124.94	78.00	40.00	0.000	14.27	70%	107%	7.34
	Sep	127.37	78.00	40.00	0.000	14.10	69%	104%	4.73
	Oct	131.69	78.00	40.00	0.000	14.95	67%	101%	1.26
	Nov	129.32	78.00	40.00	0.000	15.00	68%	103%	3.68
	Dec	122.32	78.00	40.00	0.000	13.62	72%	109%	9.29
2026	Jan	123.61	78.00	45.00	0.000	16.55	73%	115%	15.94

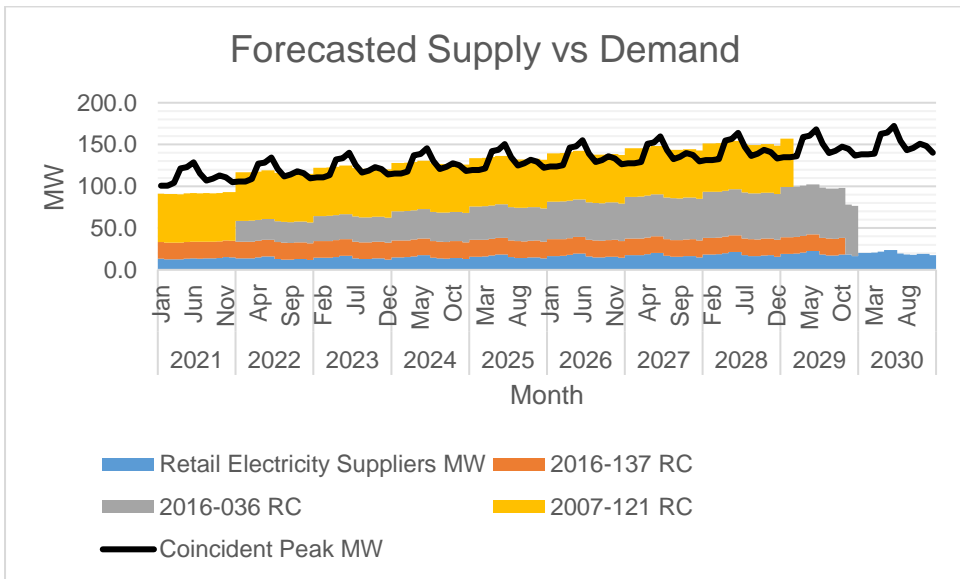
	Feb	123.54	78.00	45.00	0.000	16.57	73%	115%	16.03
	Mar	125.25	78.00	45.00	0.000	16.81	72%	113%	14.56
	Apr	146.42	78.00	45.00	0.000	17.84	61%	96%	-5.58
	May	148.00	78.00	45.00	0.000	19.33	61%	96%	-5.67
	Jun	155.10	78.00	45.00	0.000	19.34	57%	91%	-12.76
	Jul	139.03	78.00	45.00	0.000	15.89	63%	100%	-0.14
	Aug	128.89	78.00	45.00	0.000	14.99	68%	108%	9.10
	Sep	131.40	78.00	45.00	0.000	14.80	67%	105%	6.40
	Oct	135.86	78.00	45.00	0.000	15.70	65%	102%	2.84
	Nov	133.41	78.00	45.00	0.000	15.75	66%	105%	5.34
	Dec	126.19	78.00	45.00	0.000	14.30	70%	110%	11.10
2027	Jan	127.52	78.00	50.00	0.000	17.38	71%	116%	17.86
	Feb	127.45	78.00	50.00	0.000	17.40	71%	116%	17.95
	Mar	128.92	78.00	50.00	0.000	17.65	70%	115%	16.73
	Apr	150.72	78.00	50.00	0.000	18.74	59%	97%	-3.98
	May	152.34	78.00	50.00	0.000	20.30	59%	97%	-4.04
	Jun	159.65	78.00	50.00	0.000	20.30	56%	92%	-11.35
	Jul	143.11	78.00	50.00	0.000	16.68	62%	101%	1.57
	Aug	132.67	78.00	50.00	0.000	15.74	67%	109%	11.07
	Sep	135.26	78.00	50.00	0.000	15.54	65%	107%	8.29
	Oct	139.84	78.00	50.00	0.000	16.48	63%	104%	4.64
	Nov	137.33	78.00	50.00	0.000	16.54	65%	106%	7.21
	Dec	129.89	78.00	50.00	0.000	15.01	68%	111%	13.12
2028	Jan	131.26	78.00	55.00	0.000	18.25	69%	118%	19.99
	Feb	131.18	78.00	55.00	0.000	18.27	69%	118%	20.08
	Mar	132.45	78.00	55.00	0.000	18.53	68%	117%	19.09
	Apr	154.83	78.00	55.00	0.000	19.67	58%	98%	-2.16
	May	156.51	78.00	55.00	0.000	21.32	58%	98%	-2.19
	Jun	164.01	78.00	55.00	0.000	21.32	55%	93%	-9.69
	Jul	147.02	78.00	55.00	0.000	17.51	60%	103%	3.50
	Aug	136.29	78.00	55.00	0.000	16.52	65%	111%	13.23
	Sep	138.95	78.00	55.00	0.000	16.32	64%	108%	10.37
	Oct	143.66	78.00	55.00	0.000	17.31	62%	105%	6.64

	Nov	141.08	78.00	55.00	0.000	17.37	63%	108%	9.29
	Dec	133.44	78.00	55.00	0.000	15.76	66%	113%	15.32
2029	Jan	134.85	78.00	60.00	0.000	19.16	67%	119%	22.31
	Feb	134.77	78.00	60.00	0.000	19.18	67%	119%	22.41
	Mar	135.83	20.00	60.00	0.000	19.46	17%	69%	-36.37
	Apr	158.79	20.00	60.00	0.000	20.66	14%	58%	-58.13
	May	160.51	20.00	60.00	0.000	22.38	14%	58%	-58.12
	Jun	168.20	20.00	60.00	0.000	22.38	14%	55%	-65.82
	Jul	150.77	20.00	60.00	0.000	18.39	15%	60%	-52.38
	Aug	139.78	20.00	60.00	0.000	17.35	16%	65%	-42.43
	Sep	142.50	20.00	60.00	0.000	17.14	16%	64%	-45.37
	Oct	147.34	20.00	60.00	0.000	18.17	15%	62%	-49.16
	Nov	144.68	0.00	60.00	0.000	18.23	0%	47%	-66.45
	Dec	136.85	0.00	60.00	0.000	16.55	0%	50%	-60.30
2030	Jan	138.29	0.00	0.00	0.000	20.12	0%	0%	-118.17
	Feb	138.21	0.00	0.00	0.000	20.14	0%	0%	-118.07
	Mar	139.09	0.00	0.00	0.000	20.43	0%	0%	-118.65
	Apr	162.60	0.00	0.00	0.000	21.69	0%	0%	-140.91
	May	164.36	0.00	0.00	0.000	23.50	0%	0%	-140.85
	Jun	172.24	0.00	0.00	0.000	23.50	0%	0%	-148.73
	Jul	154.39	0.00	0.00	0.000	19.31	0%	0%	-135.08
	Aug	143.13	0.00	0.00	0.000	18.22	0%	0%	-124.91
	Sep	145.92	0.00	0.00	0.000	18.00	0%	0%	-127.93
	Oct	150.87	0.00	0.00	0.000	19.08	0%	0%	-131.79
	Nov	148.15	0.00	0.00	0.000	19.15	0%	0%	-129.01
	Dec	140.14	0.00	0.00	0.000	17.38	0%	0%	-122.76

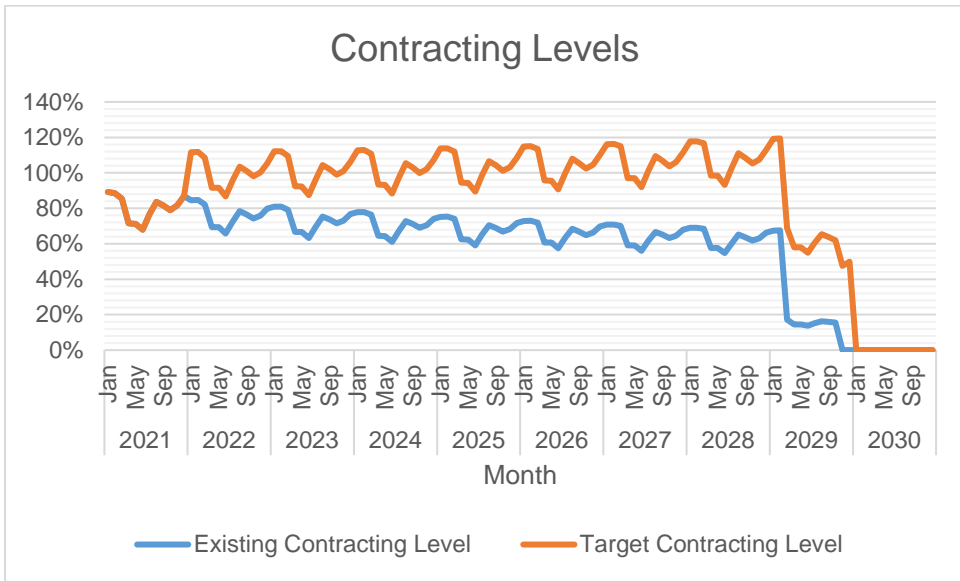
The Peak Demand was forecasted using Quadratic and Logarithmic Trending with Smoothing and was assumed to occur on the month of May due to summer season. Monthly Peak Demand is at its lowest on the month of December due to holiday (off-work) season. In general, Peak Demand is expected to grow at a rate of 3.91% annually.



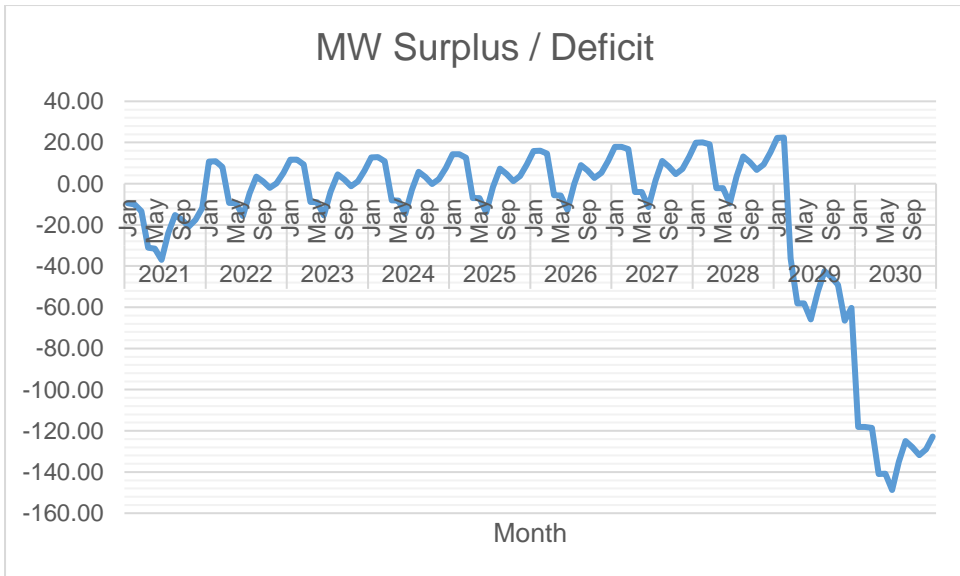
The available supply is generally below the Peak Demand. This is because the supply stipulated is only from contracted power suppliers. Any deficiency in the power requirements is purchased from WESM.



Of the available supply, the largest is 58 MW from GMCP. This is followed by 20 MW from SCPC.



The highest target contracting level is 124% which is expected to occur on 2026. The lowest target contracting level is 0% which is expected to occur on 2030.



Currently, there is under-contacting by 13.28MW. The highest deficit is 36.95MW which is expected to occur on the month of June. The lowest deficit is 9.44MW which is expected to occur on the month of January.

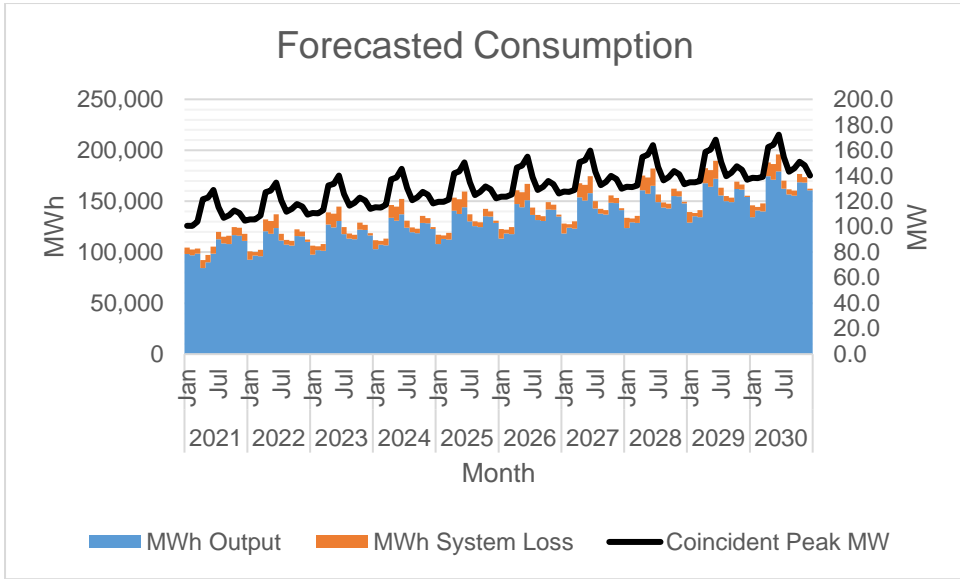
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2021	Jan	104,453	98,328	6124.76	0.00%	5.86%
	Feb	102,568	97,076	5492.59	0.00%	5.36%
	Mar	103,513	98,567	4945.85	0.00%	4.78%
	Apr	92,334	84,597	7737.30	0.00%	8.38%
	May	97,447	90,221	7225.35	0.00%	7.41%
	Jun	105,562	98,682	6880.16	0.00%	6.52%
	Jul	120,091	112,663	7427.47	0.00%	6.18%
	Aug	115,285	108,527	6757.82	0.00%	5.86%
	Sep	116,085	107,911	8173.63	0.00%	7.04%
	Oct	124,557	116,940	7617.00	0.00%	6.12%
	Nov	123,870	116,321	7548.29	0.00%	6.09%
	Dec	117,956	111,169	6787.39	0.00%	5.75%
2022	Jan	100,849	92,640	8208.89	0.00%	8.14%
	Feb	100,219	96,578	3641.72	0.00%	3.63%
	Mar	102,380	96,144	6236.16	0.00%	6.09%
	Apr	132,075	120,546	11528.81	0.00%	8.73%
	May	130,696	117,922	12774.54	0.00%	9.77%
	Jun	137,298	123,621	13677.07	0.00%	9.96%
	Jul	118,092	111,552	6540.36	0.00%	5.54%
	Aug	112,117	107,484	4632.66	0.00%	4.13%
	Sep	111,137	106,570	4566.75	0.00%	4.11%
	Oct	122,489	115,785	6703.13	0.00%	5.47%
	Nov	120,318	115,504	4814.06	0.00%	4.00%
	Dec	112,502	110,207	2294.72	0.00%	2.04%
2023	Jan	106,331	97,789	8542.40	0.00%	8.03%
	Feb	105,675	102,003	3671.86	0.00%	3.47%
	Mar	107,933	101,514	6419.67	0.00%	5.95%

	Apr	139,223	127,209	12014.00	0.00%	8.63%
	May	137,776	124,465	13311.30	0.00%	9.66%
	Jun	144,732	130,478	14253.95	0.00%	9.85%
	Jul	124,514	117,781	6733.08	0.00%	5.41%
	Aug	118,218	113,498	4720.41	0.00%	3.99%
	Sep	117,188	112,559	4629.18	0.00%	3.95%
	Oct	129,142	122,276	6865.27	0.00%	5.32%
	Nov	126,874	121,977	4897.23	0.00%	3.86%
	Dec	118,629	116,405	2224.24	0.00%	1.87%
2024	Jan	111,799	102,938	8861.74	0.00%	7.93%
	Feb	111,115	107,436	3678.85	0.00%	3.31%
	Mar	113,473	106,886	6587.35	0.00%	5.81%
	Apr	146,354	133,861	12493.04	0.00%	8.54%
	May	144,839	131,002	13836.93	0.00%	9.55%
	Jun	152,148	137,328	14819.58	0.00%	9.74%
	Jul	130,918	124,013	6905.61	0.00%	5.27%
	Aug	124,303	119,516	4786.58	0.00%	3.85%
	Sep	123,223	118,557	4665.81	0.00%	3.79%
	Oct	135,777	128,773	7004.20	0.00%	5.16%
	Nov	133,411	128,457	4954.58	0.00%	3.71%
	Dec	124,740	122,613	2126.91	0.00%	1.71%
2025	Jan	117,266	108,098	9167.95	0.00%	7.82%
	Feb	116,554	112,891	3663.62	0.00%	3.14%
	Mar	119,012	112,272	6740.03	0.00%	5.66%
	Apr	153,486	140,520	12966.75	0.00%	8.45%
	May	151,902	137,549	14352.65	0.00%	9.45%
	Jun	159,565	144,189	15375.25	0.00%	9.64%
	Jul	137,321	130,263	7058.92	0.00%	5.14%
	Aug	130,386	125,554	4831.99	0.00%	3.71%
	Sep	129,256	124,578	4677.67	0.00%	3.62%
	Oct	142,412	135,291	7120.63	0.00%	5.00%
	Nov	139,946	134,959	4987.12	0.00%	3.56%
	Dec	130,849	128,845	2003.55	0.00%	1.53%

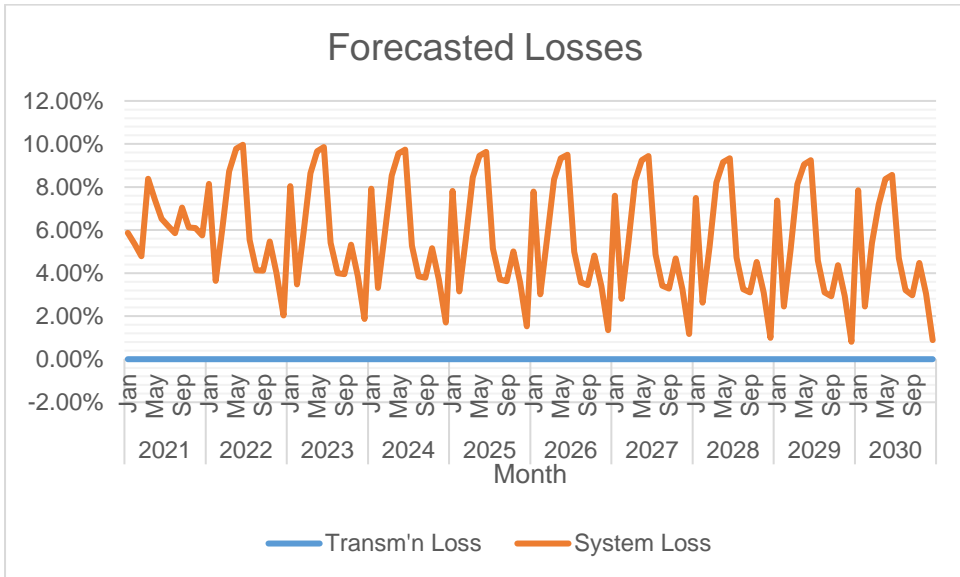
2026	Jan	122,746	113,195	9551.05	0.00%	7.78%
	Feb	122,006	118,327	3678.92	0.00%	3.02%
	Mar	124,565	117,632	6932.70	0.00%	5.57%
	Apr	160,637	147,222	13415.17	0.00%	8.35%
	May	158,983	144,135	14848.46	0.00%	9.34%
	Jun	167,000	151,144	15856.51	0.00%	9.49%
	Jul	143,740	136,553	7186.21	0.00%	5.00%
	Aug	136,483	131,624	4858.90	0.00%	3.56%
	Sep	135,302	130,632	4670.45	0.00%	3.45%
	Oct	149,063	141,896	7166.90	0.00%	4.81%
	Nov	146,496	141,533	4963.00	0.00%	3.39%
	Dec	136,971	135,131	1839.55	0.00%	1.34%
2027	Jan	128,252	118,507	9744.68	0.00%	7.60%
	Feb	127,483	123,914	3568.92	0.00%	2.80%
	Mar	130,145	123,142	7003.07	0.00%	5.38%
	Apr	167,824	153,922	13901.68	0.00%	8.28%
	May	166,099	150,740	15359.25	0.00%	9.25%
	Jun	174,473	158,011	16461.80	0.00%	9.44%
	Jul	150,188	142,877	7311.00	0.00%	4.87%
	Aug	142,609	137,746	4862.73	0.00%	3.41%
	Sep	141,377	136,747	4629.95	0.00%	3.27%
	Oct	155,746	148,454	7291.24	0.00%	4.68%
	Nov	153,076	148,096	4980.47	0.00%	3.25%
	Dec	143,122	141,441	1680.56	0.00%	1.17%
2028	Jan	133,797	123,780	10017.02	0.00%	7.49%
	Feb	132,998	129,508	3490.38	0.00%	2.62%
	Mar	135,766	128,651	7114.68	0.00%	5.24%
	Apr	175,063	160,698	14364.98	0.00%	8.21%
	May	173,268	157,415	15852.70	0.00%	9.15%
	Jun	182,001	165,005	16995.39	0.00%	9.34%
	Jul	156,683	149,271	7411.16	0.00%	4.73%
	Aug	148,778	143,929	4848.99	0.00%	3.26%
	Sep	147,495	142,923	4571.43	0.00%	3.10%

	Oct	162,476	155,130	7346.05	0.00%	4.52%
	Nov	159,703	154,760	4942.33	0.00%	3.09%
	Dec	149,316	147,835	1481.48	0.00%	0.99%
2029	Jan	139,394	129,115	10279.71	0.00%	7.37%
	Feb	138,565	135,174	3391.38	0.00%	2.45%
	Mar	141,440	134,226	7213.66	0.00%	5.10%
	Apr	182,371	167,545	14826.87	0.00%	8.13%
	May	180,504	164,163	16341.19	0.00%	9.05%
	Jun	189,600	172,076	17524.20	0.00%	9.24%
	Jul	163,238	155,743	7494.76	0.00%	4.59%
	Aug	155,005	150,189	4816.19	0.00%	3.11%
	Sep	153,669	149,179	4490.20	0.00%	2.92%
	Oct	169,271	161,889	7381.25	0.00%	4.36%
	Nov	166,390	161,509	4881.38	0.00%	2.93%
	Dec	155,568	154,311	1257.40	0.00%	0.81%
2030	Jan	145,985	134,523	11462.24	0.00%	7.85%
	Feb	144,469	140,924	3545.03	0.00%	2.45%
	Mar	147,845	139,879	7966.42	0.00%	5.39%
	Apr	187,986	174,478	13508.45	0.00%	7.19%
	May	186,610	171,000	15610.17	0.00%	8.37%
	Jun	196,035	179,240	16795.30	0.00%	8.57%
	Jul	170,315	162,306	8008.54	0.00%	4.70%
	Aug	161,730	156,539	5190.73	0.00%	3.21%
	Sep	160,299	155,528	4771.26	0.00%	2.98%
	Oct	176,651	168,746	7904.88	0.00%	4.47%
	Nov	173,634	168,357	5277.19	0.00%	3.04%
	Dec	162,333	160,883	1449.47	0.00%	0.89%

MWh Offtake was forecasted using Quadratic and Logarithmic Trending with Smoothing.



MWh Output was expected to grow at a rate of 6.36% annually.



System Loss is expected to range from .81% to 9.85%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2007-121 RC	Intermediate	GN Power Mariveles Coal Plant Ltd.	58.00	284,017	2/26/2014	2/25/2029
2016-137 RC	Base	SMC Consolidated Power Corporation	20.00	175,200	10/26/2019	10/25/2029

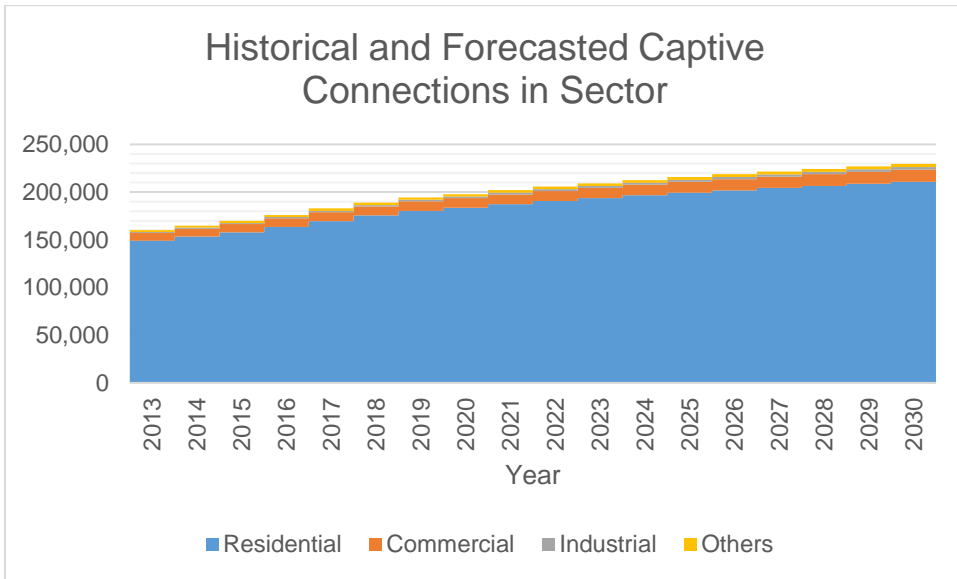
The PSA with GNPower Mariveles Coal Plant Ltd. filed with ERC under Case No. 2007-121 RC was procured through direct negotiation. It was selected to provide for intermediate requirements due to the favorable location of the plant to PENELCO which will incur minimal line losses and lower passed-on rates to consumers. Historically, the utilization of the PSA is more or less 90%. The actual billed overall monthly charge under the PSA ranged from 5.0979 P/kWh to 5.8986 P/KWh, inclusive of VAT in the same period.

The PSA with SMC Consolidated Power Corporation (SCPC) filed with ERC under Case No. 2016-137 RC was procured through Competitive Selection Process (CSP) Swiss Challenge. It was selected to provide for base requirements due to the favorable location of the plant to PENELCO which will incur minimal line losses and lower passed-on rates to consumers. Historically, the utilization of the PSA is 100%. Outages of the plant led to unserved energy of around 7,970 MWh in the past year. The actual billed overall monthly charge under the PSA ranged from 5.2831 P/kWh to 5.9766 P/KWh, inclusive of VAT in the same period.

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2016-036 RC	Base	GN Power Dinginin	25.00	228,125	12/26/2021	12/25/2036

The PSA with GNPower Mariveles Coal Plant Ltd.- Dinginin (GNPD) filed with ERC under Case No. 2016-036 was procured through Competitive Selection Process (CSP). It was selected to provide for base requirements due to the favorable location of the plant to PENELCO which will incur minimal line losses and lower passed-on rates to consumers.

Captive Customer Connections



The number of residential connections is expected to grow at a rate of 1.40% annually. Said customer class is expected to account for 26.57% of the total consumption.