

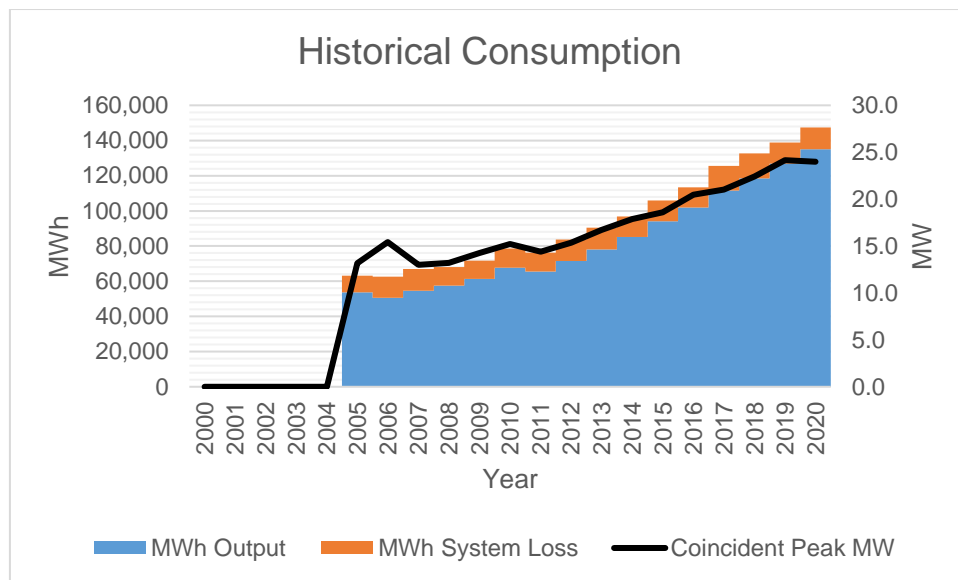
# **Power Supply Procurement Plan 2021**

**Zambales I Electric Cooperative, Inc. (ZAMECO I)**

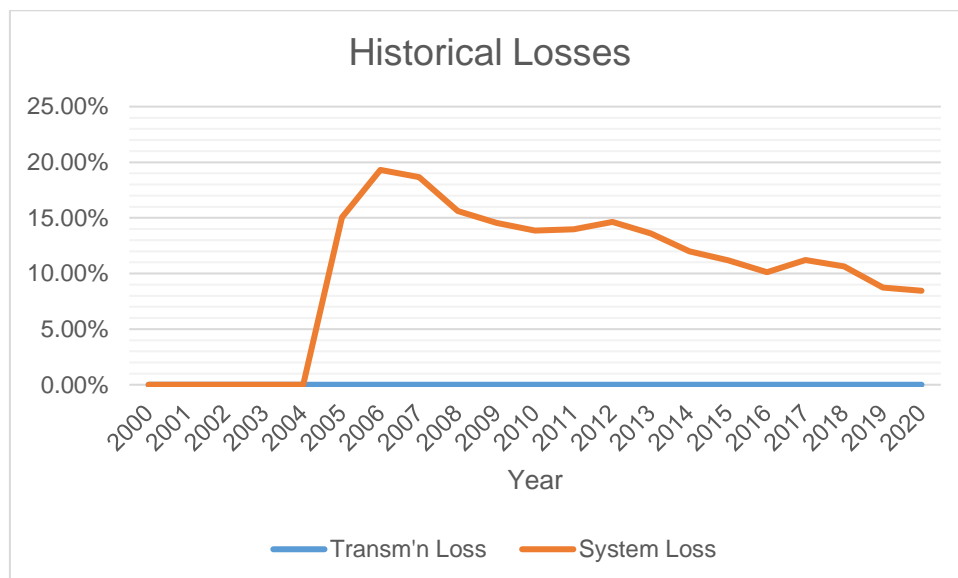
## Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2005	13.18	63,085	0	63,085	53,599	9,486	55%	0.00%	0.00%	15.04%
2006	15.42	62,621	0	62,621	50,528	12,093	46%	0.00%	0.00%	19.31%
2007	12.99	67,049	0	67,049	54,539	12,510	59%	0.00%	0.00%	18.66%
2008	13.22	68,152	0	68,152	57,520	10,633	59%	0.00%	0.00%	15.60%
2009	14.28	71,778	0	71,778	61,332	10,446	57%	0.00%	0.00%	14.55%
2010	15.20	78,685	0	78,685	67,782	10,902	59%	0.00%	0.00%	13.86%
2011	14.39	76,167	0	76,167	65,528	10,639	60%	0.00%	0.00%	13.97%
2012	15.36	83,767	0	83,767	71,517	12,250	62%	0.00%	0.00%	14.62%
2013	16.72	90,462	0	90,462	78,150	12,312	62%	0.00%	0.00%	13.61%
2014	17.89	96,752	0	96,752	85,141	11,611	62%	0.00%	0.00%	12.00%
2015	18.61	105,866	0	105,866	94,017	11,850	65%	0.00%	0.00%	11.19%
2016	20.46	113,417	0	113,417	101,954	11,464	63%	0.00%	0.00%	10.11%
2017	21.03	125,662	0	125,662	111,589	14,073	68%	0.00%	0.00%	11.20%
2018	22.42	132,641	0	132,641	118,546	14,096	68%	0.00%	0.00%	10.63%
2019	24.15	138,937	0	138,937	126,806	12,131	66%	0.00%	0.00%	8.73%
2020	23.98	147,503	0	147,503	135,060	12,443	70%	0.00%	0.00%	8.44%

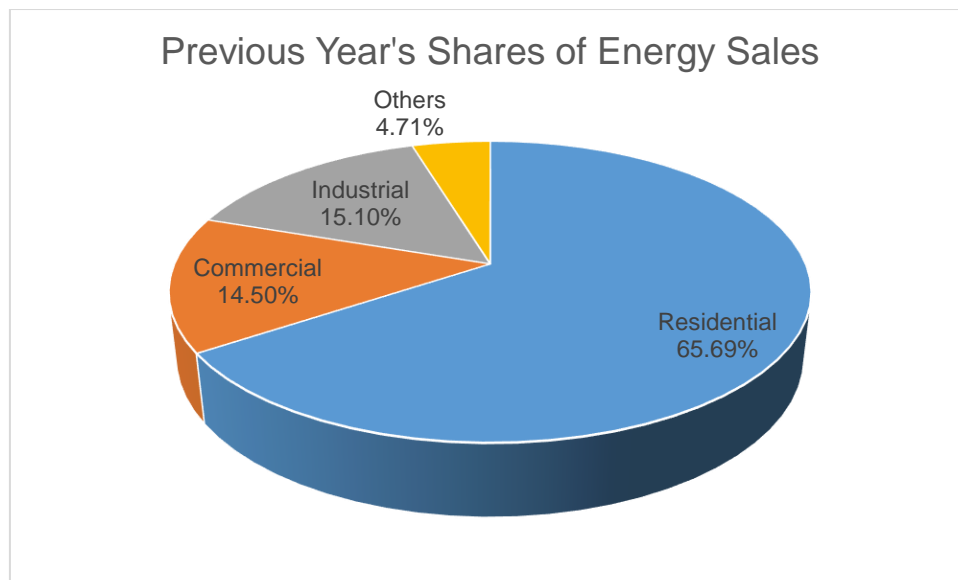
The progression of Coincident Peak of ZAMECO I in the past has been driven mainly by residential and commercial consumers of the DU. Over the years, increase in commercial and industrial consumers increased load requirement.



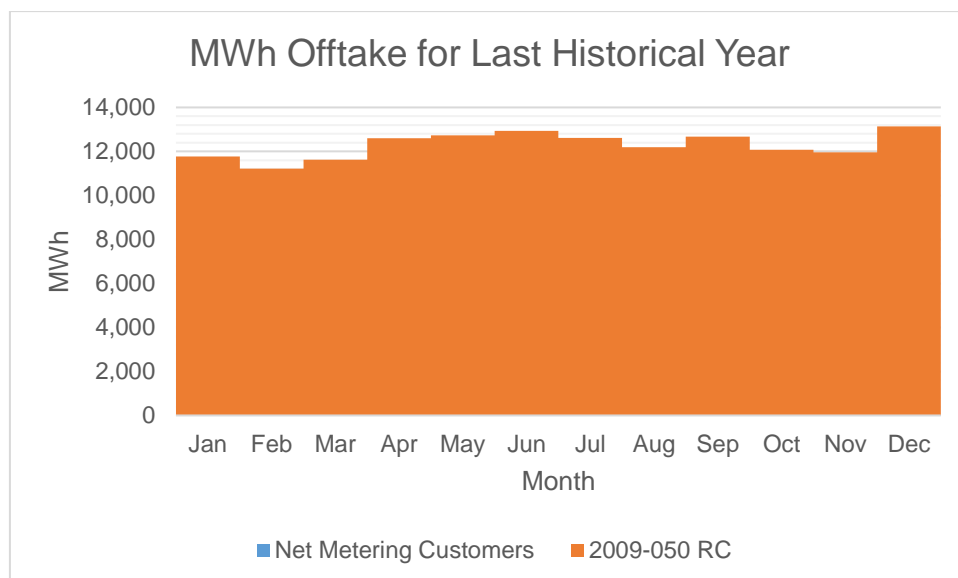
ZAMECO I has a highly residential profile and the driving force in the increase of load is the increase of household connections. However, in the recent years, the province is increasingly being a hub of tourist attractions and commercialization thus the increase in energy consumption.



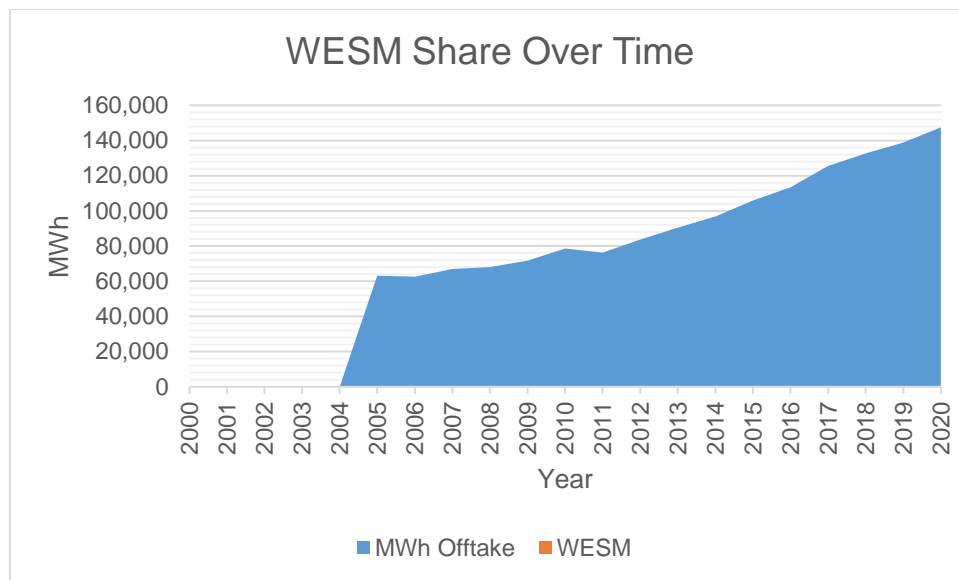
System Loss peaked at 19.31% on year 2006 because of because the system loss reduction program has just been started.



Residential customers account for the bulk of energy sales at 65.69% due to the high number of connections. In contrast, street lights, government offices and others are classified as Others, has the lowest shares in energy sales of the DU accounted for only 4.71% of energy sales due to the low number of connections.

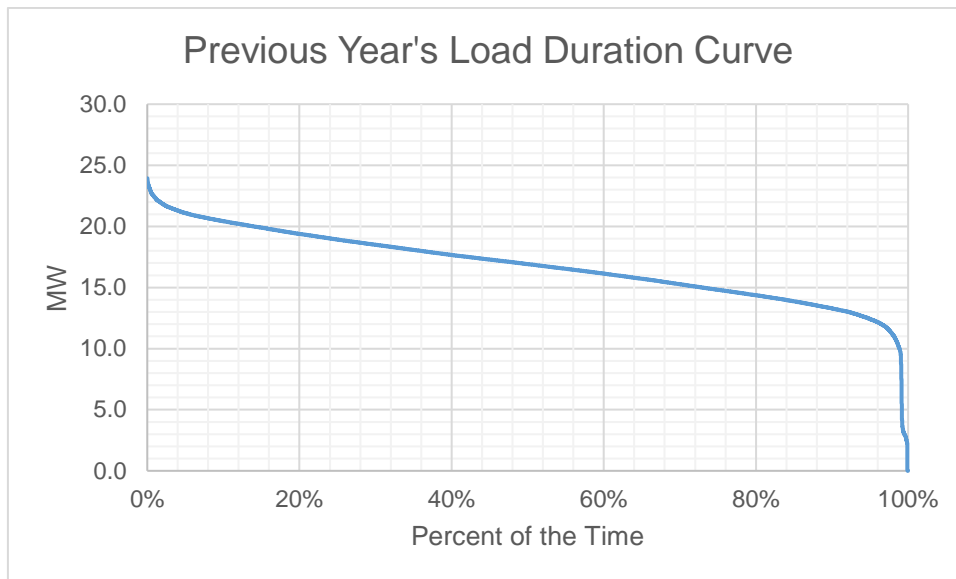


For 2020 the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with 100% accounts for the bulk of MWh Offtake.

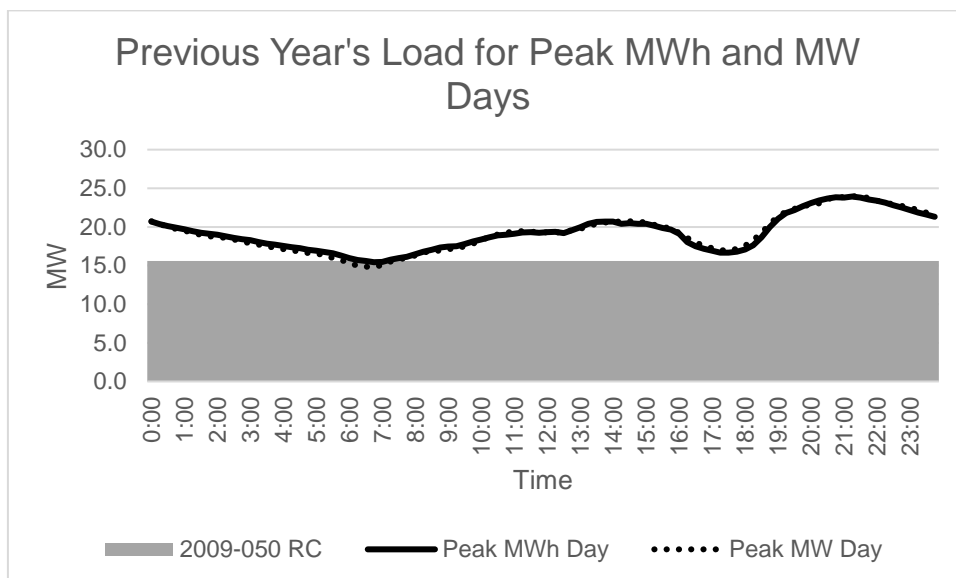


Up until October 2022, ZAMECO I will be supplied by a sole energy supplier which is MPPCL. Since ZAMECO I is an Indirect WESM Member, MPPCL transacts for it to supply its full load requirement by buying from the WESM is Imbalance Energy

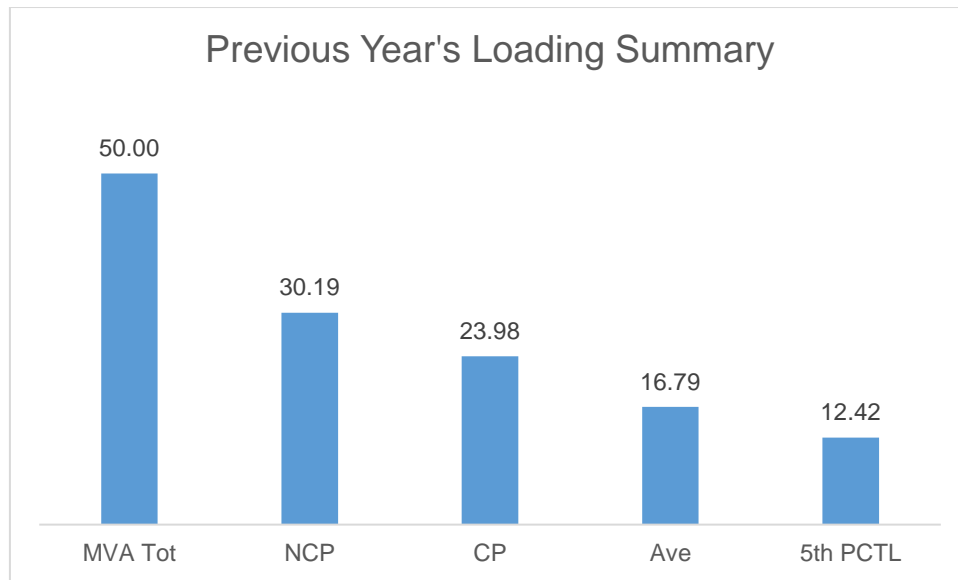
## Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 12 MW and the maximum load is 24 MW for the last historical year.



Peak hours of ZAMECO I occurs at night time at around 7-8 pm. This is primarily because the captive customers of ZAMECO I is highly residential and at this hour, most of them are at home and using electric appliances. The coincident peak for the year occurs during the summer around April or May. Zambales is a favorite summer getaway place of tourist during the summertime due to its beautiful coastline lined with beach resorts. The influx of tourists during this time and the heavy usage of electric cooling appliances at home is the main reason for the occurrence of coincident peak for the year during this period



The Non-coincident Peak Demand is 30.19 MW, which is around 60.38% of the total substation capacity of 50 MVA at a power factor of 97.54%. The load factor or the ratio between the Average Load of 16.79 MW and the Non-coincident Peak Demand is 55.61% of. A safe estimate of the true minimum load is 12.42% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
SALAZA S/S	5	6.477
CANDELARIA S/S	10	5.632
BOTOLAN S/S	5	4.974
IBA S/S	20	8.712
STA.CRUIZ S/S	10	4.399

The substations loaded at above 70% are Botolan Substation and Palauig Substation. This loading problem will be solved by additional substation power transformer. In the case of the Botolan Substation, the old 10 MVA Iba Substation will be transferred to the Botolan Substation to replace the current 5 MVA Substation.

## Forecasted Consumption Data

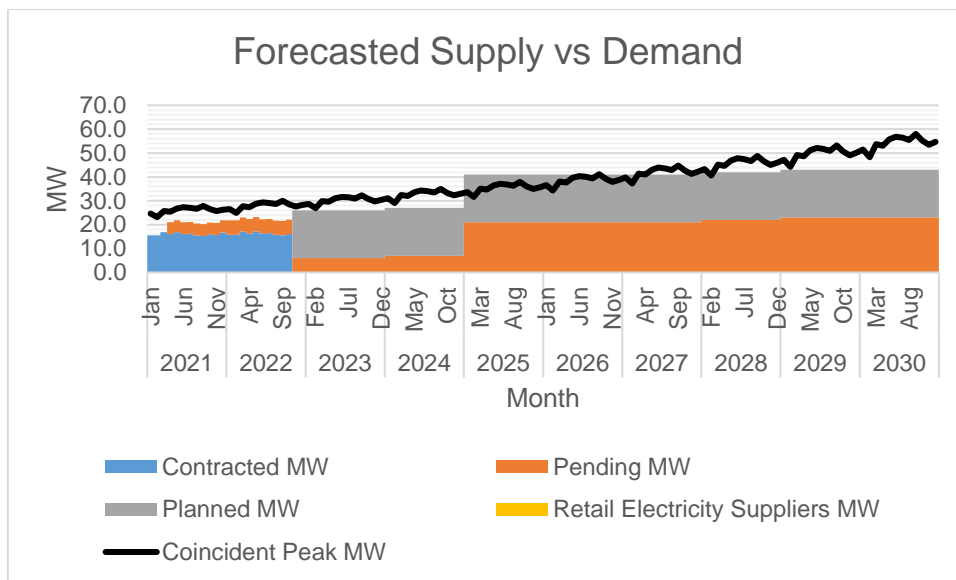
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2021	Jan	24.71	15.58	0.00	0.000		63%	63%	-9.13
	Feb	23.17	15.54	0.00	0.000		67%	67%	-7.63
	Mar	25.76	16.84	0.00	0.000		65%	65%	-8.92
	Apr	25.44	16.08	5.00	0.000		63%	83%	-4.36
	May	26.76	16.87	5.00	0.000		63%	82%	-4.89
	Jun	27.27	16.05	5.00	0.000		59%	77%	-6.22
	Jul	27.06	16.18	5.00	0.000		60%	78%	-5.88
	Aug	26.62	15.53	5.00	0.000		58%	77%	-6.09
	Sep	27.84	15.29	5.00	0.000		55%	73%	-7.55
	Oct	26.50	15.87	5.00	0.000		60%	79%	-5.63
	Nov	25.66	15.72	5.00	0.000		61%	81%	-4.94
	Dec	26.21	16.77	5.00	0.000		64%	83%	-4.44
2022	Jan	26.59	15.80	6.00	0.000		59%	82%	-4.79
	Feb	24.94	15.77	6.00	0.000		63%	87%	-3.17
	Mar	27.73	17.10	6.00	0.000		62%	83%	-4.63
	Apr	27.38	16.32	6.00	0.000		60%	82%	-5.06
	May	28.80	17.12	6.00	0.000		59%	80%	-5.68
	Jun	29.35	16.29	6.00	0.000		56%	76%	-7.06
	Jul	29.12	16.42	6.00	0.000		56%	77%	-6.70
	Aug	28.65	15.76	6.00	0.000		55%	76%	-6.89
	Sep	29.96	15.52	6.00	0.000		52%	72%	-8.44
	Oct	28.52	16.12	6.00	0.000		57%	78%	-6.40
	Nov	27.62	0.00	6.00	20.000		0%	94%	-1.62
	Dec	28.21	0.00	6.00	20.000		0%	92%	-2.21
2023	Jan	28.70	0.00	6.00	20.000		0%	91%	-2.70
	Feb	26.92	0.00	6.00	20.000		0%	97%	-0.92
	Mar	29.93	0.00	6.00	20.000		0%	87%	-3.93
	Apr	29.55	0.00	6.00	20.000		0%	88%	-3.55
	May	31.09	0.00	6.00	20.000		0%	84%	-5.09
	Jun	31.68	0.00	6.00	20.000		0%	82%	-5.68
	Jul	31.43	0.00	6.00	20.000		0%	83%	-5.43
	Aug	30.92	0.00	6.00	20.000		0%	84%	-4.92
	Sep	32.33	0.00	6.00	20.000		0%	80%	-6.33
	Oct	30.78	0.00	6.00	20.000		0%	84%	-4.78
	Nov	29.81	0.00	6.00	20.000		0%	87%	-3.81
	Dec	30.45	0.00	6.00	20.000		0%	85%	-4.45
2024	Jan	31.05	0.00	7.00	20.000		0%	87%	-4.05
	Feb	29.12	0.00	7.00	20.000		0%	93%	-2.12
	Mar	32.38	0.00	7.00	20.000		0%	83%	-5.38
	Apr	31.97	0.00	7.00	20.000		0%	84%	-4.97
	May	33.63	0.00	7.00	20.000		0%	80%	-6.63
	Jun	34.27	0.00	7.00	20.000		0%	79%	-7.27
	Jul	34.01	0.00	7.00	20.000		0%	79%	-7.01
	Aug	33.46	0.00	7.00	20.000		0%	81%	-6.46



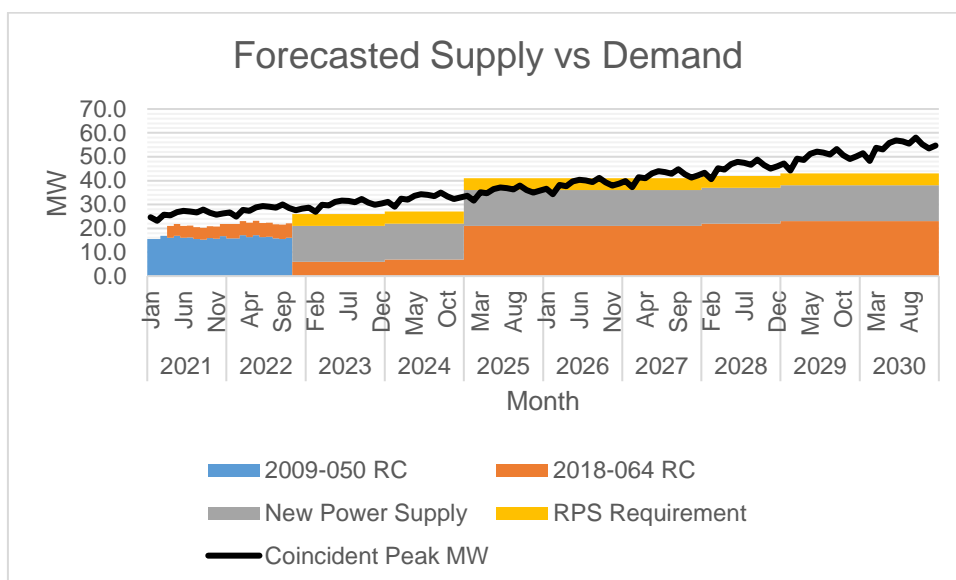
	Sep	34.98	0.00	7.00	20.000		0%	77%	-7.98
	Oct	33.30	0.00	7.00	20.000		0%	81%	-6.30
	Nov	32.25	0.00	7.00	20.000		0%	84%	-5.25
	Dec	32.94	0.00	7.00	20.000		0%	82%	-5.94
2025	Jan	33.67	0.00	21.00	20.000		0%	122%	7.33
	Feb	31.57	0.00	21.00	20.000		0%	130%	9.43
	Mar	35.10	0.00	21.00	20.000		0%	117%	5.90
	Apr	34.67	0.00	21.00	20.000		0%	118%	6.33
	May	36.46	0.00	21.00	20.000		0%	112%	4.54
	Jun	37.16	0.00	21.00	20.000		0%	110%	3.84
	Jul	36.87	0.00	21.00	20.000		0%	111%	4.13
	Aug	36.27	0.00	21.00	20.000		0%	113%	4.73
	Sep	37.93	0.00	21.00	20.000		0%	108%	3.07
	Oct	36.11	0.00	21.00	20.000		0%	114%	4.89
	Nov	34.97	0.00	21.00	20.000		0%	117%	6.03
	Dec	35.71	0.00	21.00	20.000		0%	115%	5.29
2026	Jan	36.57	0.00	21.00	20.000		0%	112%	4.43
	Feb	34.30	0.00	21.00	20.000		0%	120%	6.70
	Mar	38.13	0.00	21.00	20.000		0%	108%	2.87
	Apr	37.65	0.00	21.00	20.000		0%	109%	3.35
	May	39.61	0.00	21.00	20.000		0%	104%	1.39
	Jun	40.36	0.00	21.00	20.000		0%	102%	0.64
	Jul	40.05	0.00	21.00	20.000		0%	102%	0.95
	Aug	39.40	0.00	21.00	20.000		0%	104%	1.60
	Sep	41.20	0.00	21.00	20.000		0%	100%	-0.20
	Oct	39.22	0.00	21.00	20.000		0%	105%	1.78
	Nov	37.98	0.00	21.00	20.000		0%	108%	3.02
	Dec	38.79	0.00	21.00	20.000		0%	106%	2.21
2027	Jan	39.78	0.00	21.00	20.000		0%	103%	1.22
	Feb	37.31	0.00	21.00	20.000		0%	110%	3.69
	Mar	41.48	0.00	21.00	20.000		0%	99%	-0.48
	Apr	40.96	0.00	21.00	20.000		0%	100%	0.04
	May	43.09	0.00	21.00	20.000		0%	95%	-2.09
	Jun	43.91	0.00	21.00	20.000		0%	93%	-2.91
	Jul	43.57	0.00	21.00	20.000		0%	94%	-2.57
	Aug	42.86	0.00	21.00	20.000		0%	96%	-1.86
	Sep	44.82	0.00	21.00	20.000		0%	91%	-3.82
	Oct	42.66	0.00	21.00	20.000		0%	96%	-1.66
	Nov	41.32	0.00	21.00	20.000		0%	99%	-0.32
	Dec	42.20	0.00	21.00	20.000		0%	97%	-1.20
2028	Jan	43.33	0.00	22.00	20.000		0%	97%	-1.33
	Feb	40.63	0.00	22.00	20.000		0%	103%	1.37
	Mar	45.17	0.00	22.00	20.000		0%	93%	-3.17
	Apr	44.61	0.00	22.00	20.000		0%	94%	-2.61
	May	46.92	0.00	22.00	20.000		0%	90%	-4.92
	Jun	47.82	0.00	22.00	20.000		0%	88%	-5.82
	Jul	47.45	0.00	22.00	20.000		0%	89%	-5.45
	Aug	46.68	0.00	22.00	20.000		0%	90%	-4.68
	Sep	48.81	0.00	22.00	20.000		0%	86%	-6.81
	Oct	46.47	0.00	22.00	20.000		0%	90%	-4.47

	Nov	45.00	0.00	22.00	20.000		0%	93%	-3.00
	Dec	45.96	0.00	22.00	20.000		0%	91%	-3.96
2029	Jan	47.22	0.00	23.00	20.000		0%	91%	-4.22
	Feb	44.29	0.00	23.00	20.000		0%	97%	-1.29
	Mar	49.24	0.00	23.00	20.000		0%	87%	-6.24
	Apr	48.62	0.00	23.00	20.000		0%	88%	-5.62
	May	51.15	0.00	23.00	20.000		0%	84%	-8.15
	Jun	52.12	0.00	23.00	20.000		0%	83%	-9.12
	Jul	51.72	0.00	23.00	20.000		0%	83%	-8.72
	Aug	50.88	0.00	23.00	20.000		0%	85%	-7.88
	Sep	53.20	0.00	23.00	20.000		0%	81%	-10.20
	Oct	50.64	0.00	23.00	20.000		0%	85%	-7.64
	Nov	49.05	0.00	23.00	20.000		0%	88%	-6.05
	Dec	50.09	0.00	23.00	20.000		0%	86%	-7.09
2030	Jan	51.49	0.00	23.00	20.000		0%	84%	-8.49
	Feb	48.29	0.00	23.00	20.000		0%	89%	-5.29
	Mar	53.69	0.00	23.00	20.000		0%	80%	-10.69
	Apr	53.02	0.00	23.00	20.000		0%	81%	-10.02
	May	55.77	0.00	23.00	20.000		0%	77%	-12.77
	Jun	56.83	0.00	23.00	20.000		0%	76%	-13.83
	Jul	56.39	0.00	23.00	20.000		0%	76%	-13.39
	Aug	55.48	0.00	23.00	20.000		0%	78%	-12.48
	Sep	58.01	0.00	23.00	20.000		0%	74%	-15.01
	Oct	55.23	0.00	23.00	20.000		0%	78%	-12.23
	Nov	53.49	0.00	23.00	20.000		0%	80%	-10.49
	Dec	54.62	0.00	23.00	20.000		0%	79%	-11.62

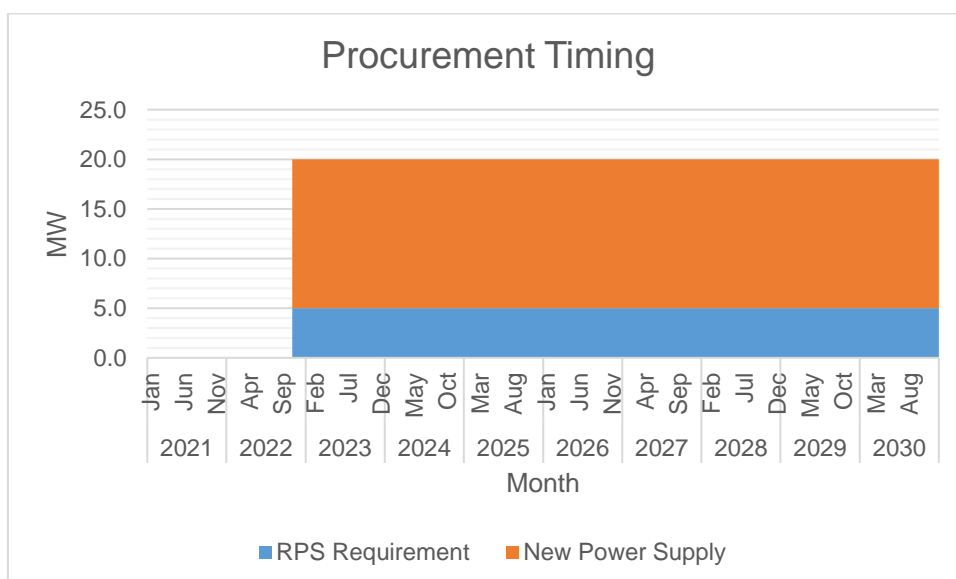
Monthly Peak Demand is at its lowest on the month of January due to cooler climate. In general, Peak Demand is expected to grow at a rate of 5% annually.



The available supply is generally below the Peak Demand.



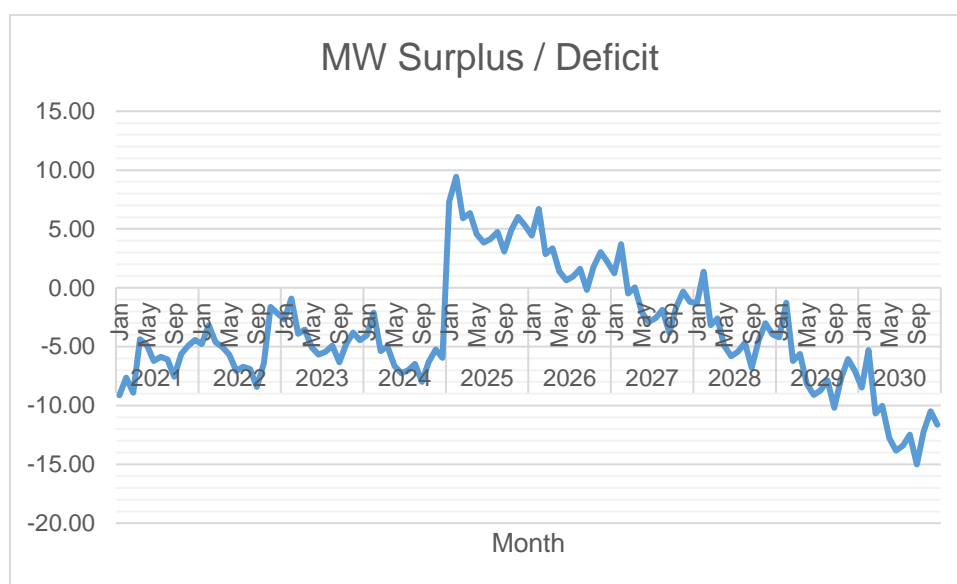
Of the available supply, the largest is 16 MW from MPPCL.



The first wave of supply procurement will be for 15 MW planned to be available by the month of December 2021.



Currently, there is under-contacting of supply. There is no penalty for withdrawn energy that is higher than the contracted energy.

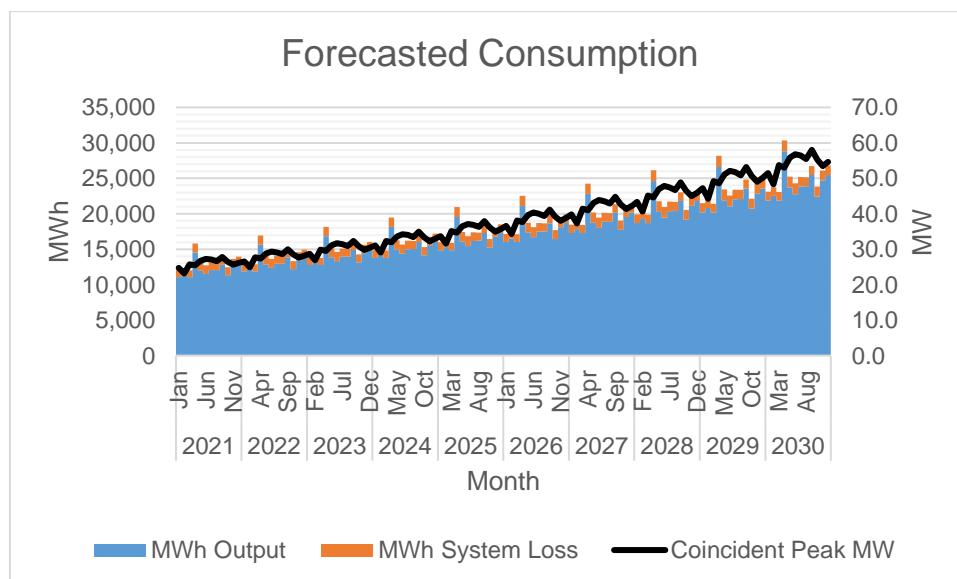


		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2021	Jan	8,202	11,050	1,029	-47.27%	8.52%
	Feb	8,284	11,395	971	-49.28%	7.85%
	Mar	8,134	11,050	967	-47.74%	8.05%
	Apr	12,194	14,560	1,257	-29.71%	7.95%
	May	12,041	11,989	1,231	-9.79%	9.31%
	Jun	11,759	11,519	1,237	-8.48%	9.70%
	Jul	11,639	12,053	1,107	-13.07%	8.41%
	Aug	11,561	12,072	1,044	-13.45%	7.96%
	Sep	11,530	12,886	1,023	-20.63%	7.35%
	Oct	11,530	11,347	1,114	-8.08%	8.94%
	Nov	12,039	12,490	1,131	-13.14%	8.30%
	Dec	11,839	12,888	1,084	-18.02%	7.76%
2022	Jan	16,269	11,878	1,051	20.53%	8.13%
	Feb	16,358	12,249	991	19.06%	7.49%
	Mar	16,208	11,877	987	20.63%	7.67%
	Apr	16,676	15,650	1,284	-1.55%	7.58%
	May	16,514	12,887	1,256	14.36%	8.88%
	Jun	16,231	12,381	1,263	15.94%	9.26%
	Jul	16,108	12,955	1,130	12.56%	8.02%
	Aug	16,028	12,976	1,066	12.39%	7.59%
	Sep	15,997	13,852	1,044	6.88%	7.01%
	Oct	16,000	12,197	1,137	16.67%	8.53%
	Nov	18,720	13,427	1,154	22.11%	7.91%
	Dec	18,720	13,853	1,107	20.09%	7.40%
2023	Jan	18,720	12,779	1,074	26.00%	7.75%
	Feb	18,720	13,178	1,014	24.19%	7.14%
	Mar	18,720	12,779	1,011	26.33%	7.33%
	Apr	18,720	16,839	1,313	3.04%	7.23%
	May	18,720	13,865	1,285	19.07%	8.48%
	Jun	18,720	13,321	1,291	21.94%	8.83%
	Jul	18,720	13,939	1,156	19.36%	7.66%
	Aug	18,720	13,961	1,091	19.59%	7.25%
	Sep	18,720	14,903	1,067	14.69%	6.68%
	Oct	18,720	13,123	1,163	23.69%	8.14%
	Nov	18,720	14,445	1,181	16.53%	7.56%
	Dec	18,720	14,905	1,133	14.33%	7.06%
2024	Jan	19,440	13,763	1,101	23.54%	7.41%
	Feb	19,440	14,192	1,038	21.66%	6.82%
	Mar	19,440	13,763	1,035	23.88%	6.99%
	Apr	19,440	18,134	1,347	-0.21%	6.91%
	May	19,440	14,932	1,317	16.41%	8.10%
	Jun	19,440	14,346	1,324	19.39%	8.45%
	Jul	19,440	15,011	1,183	16.70%	7.31%
	Aug	19,440	15,036	1,117	16.91%	6.92%
	Sep	19,440	16,049	1,093	11.82%	6.38%
	Oct	19,440	14,132	1,191	21.18%	7.77%
	Nov	19,440	15,557	1,210	13.75%	7.22%

	Dec	19,440	16,052	1,160	11.46%	6.74%
2025	Jan	29,520	14,837	1,130	45.91%	7.08%
	Feb	29,520	15,299	1,066	44.56%	6.51%
	Mar	29,520	14,836	1,062	46.14%	6.68%
	Apr	29,520	19,550	1,382	29.09%	6.60%
	May	29,520	16,097	1,352	40.89%	7.75%
	Jun	29,520	15,465	1,357	43.01%	8.07%
	Jul	29,520	16,183	1,215	41.06%	6.98%
	Aug	29,520	16,209	1,147	41.21%	6.61%
	Sep	29,520	17,302	1,123	37.58%	6.09%
	Oct	29,520	15,235	1,223	44.25%	7.43%
	Nov	29,520	16,771	1,243	38.98%	6.90%
	Dec	29,520	17,304	1,191	37.35%	6.44%
2026	Jan	29,520	16,009	1,163	41.83%	6.77%
	Feb	29,520	16,508	1,096	40.37%	6.23%
	Mar	29,520	16,008	1,093	42.07%	6.39%
	Apr	29,520	21,094	1,421	23.73%	6.31%
	May	29,520	17,369	1,390	36.45%	7.41%
	Jun	29,520	16,688	1,397	38.74%	7.72%
	Jul	29,520	17,461	1,250	36.62%	6.68%
	Aug	29,520	17,490	1,180	36.75%	6.32%
	Sep	29,520	18,669	1,154	32.85%	5.82%
	Oct	29,520	16,439	1,257	40.05%	7.10%
	Nov	29,520	18,096	1,277	34.37%	6.59%
	Dec	29,520	18,671	1,225	32.60%	6.16%
2027	Jan	29,520	17,289	1,199	37.37%	6.49%
	Feb	29,520	17,827	1,130	35.78%	5.96%
	Mar	29,520	17,287	1,127	37.62%	6.12%
	Apr	29,520	22,779	1,464	17.88%	6.04%
	May	29,520	18,757	1,433	31.60%	7.10%
	Jun	29,520	18,021	1,440	34.08%	7.40%
	Jul	29,520	18,857	1,289	31.76%	6.40%
	Aug	29,520	18,888	1,217	31.90%	6.05%
	Sep	29,520	20,160	1,190	27.68%	5.57%
	Oct	29,520	17,752	1,297	35.47%	6.81%
	Nov	29,520	19,541	1,317	29.34%	6.31%
	Dec	29,520	20,164	1,263	27.42%	5.89%
2028	Jan	30,240	18,683	1,237	34.13%	6.21%
	Feb	30,240	19,266	1,167	32.43%	5.71%
	Mar	30,240	18,682	1,163	34.38%	5.86%
	Apr	30,240	24,616	1,513	13.59%	5.79%
	May	30,240	20,269	1,480	28.08%	6.80%
	Jun	30,240	19,474	1,487	30.69%	7.09%
	Jul	30,240	20,377	1,330	28.22%	6.13%
	Aug	30,240	20,411	1,256	28.35%	5.80%
	Sep	30,240	21,786	1,230	23.89%	5.34%
	Oct	30,240	19,183	1,340	32.13%	6.53%
	Nov	30,240	21,118	1,360	25.67%	6.05%
	Dec	30,240	21,790	1,304	23.63%	5.65%

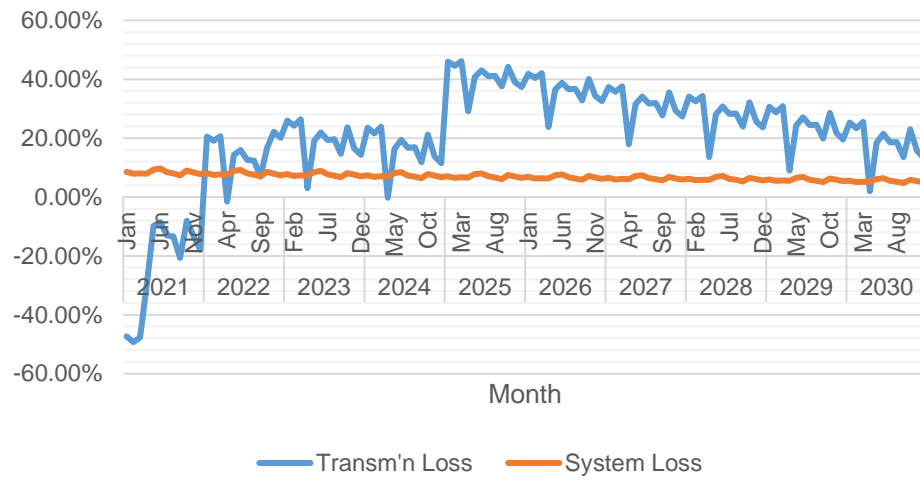
2029	Jan	30,960	20,200	1,281	30.62%	5.96%
	Feb	30,960	20,830	1,207	28.82%	5.48%
	Mar	30,960	20,198	1,204	30.87%	5.63%
	Apr	30,960	26,615	1,566	8.98%	5.56%
	May	30,960	21,915	1,531	24.27%	6.53%
	Jun	30,960	21,056	1,539	27.02%	6.81%
	Jul	30,960	22,031	1,376	24.40%	5.88%
	Aug	30,960	22,068	1,300	24.52%	5.56%
	Sep	30,960	23,555	1,271	19.81%	5.12%
	Oct	30,960	20,741	1,386	28.53%	6.26%
	Nov	30,960	22,833	1,407	21.71%	5.80%
	Dec	30,960	23,559	1,349	19.55%	5.42%
2030	Jan	30,960	21,848	1,281	25.29%	5.54%
	Feb	30,960	22,529	1,207	23.33%	5.09%
	Mar	30,960	21,846	1,204	25.55%	5.22%
	Apr	30,960	28,785	1,566	1.97%	5.16%
	May	30,960	23,702	1,531	18.50%	6.07%
	Jun	30,960	22,773	1,539	21.47%	6.33%
	Jul	30,960	23,827	1,376	18.59%	5.46%
	Aug	30,960	23,868	1,300	18.71%	5.17%
	Sep	30,960	25,476	1,271	13.61%	4.75%
	Oct	30,960	22,432	1,386	23.07%	5.82%
	Nov	30,960	24,695	1,407	15.69%	5.39%
	Dec	30,960	25,481	1,349	13.34%	5.03%

ZAMECO I utilized Cubic Trend with Horizon for the forecast of its Energy Sales with a Mean Average Percentage Error (MAPE) 1.08%, R-squared of 0.999 and Adjusted R-squared of 0.998. For the forecast of Energy Purchase, ZAMECO I also utilized Cubic Trend with Horizon with a Mean Average Percentage Error (MAPE) 1.31%, R-squared of 0.999 and Adjusted R-squared of 0.999. In general, Peak Demand is expected to grow at a rate of 5% annually.



MWh Output was expected to grow at a rate of 5% annually.

## Forecasted Losses





## Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2009-050 RC	Base	Masinloc Power Partners Company, Ltd.	14.39	79,547	10/26/2009	10/25/2022

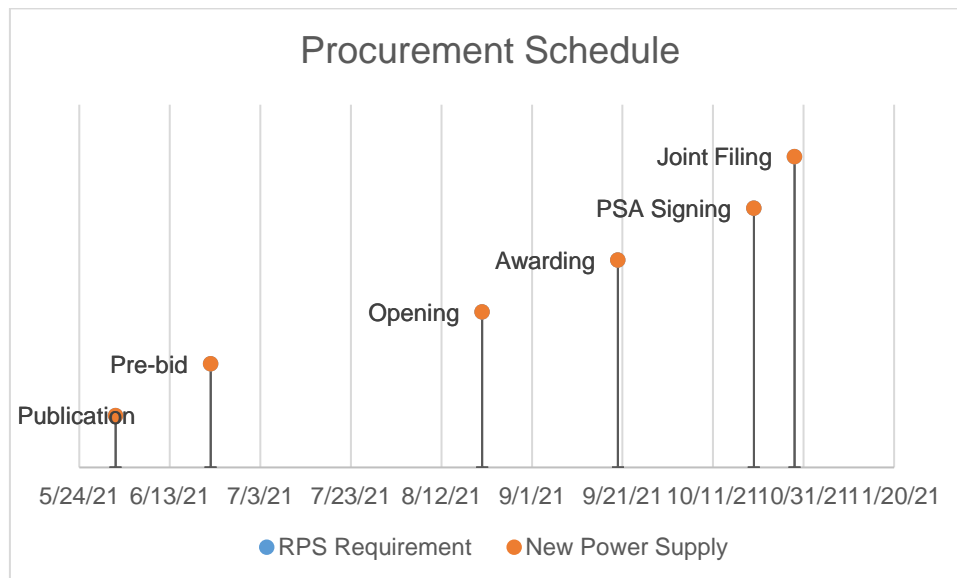
The PSA with Masinloc Power Partners Company, Ltd. filed with ERC under Case No. 2009-050 RC was procured through through negotiation. It was selected to provide for base requirement. Historically, the utilization of the PSA is 100%. The actual billed overall monthly charge under the PSA ranged from 4.19 P/kWh to 4.68 P/KWh in the same period.

[Repeat as needed]

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2018-064 RC	Base	GN Power Dinginin	5.00	43,200	12/26/2019	12/25/2039

The PSA with GN Power Dinginin filed with ERC under Case No. 2018-064 RC was procured through CSP. It was selected to provide for base requirements. This application was filed on April 2018 and public hearing was conducted on October 1, 2018. Provisional Authority is yet to be issued.

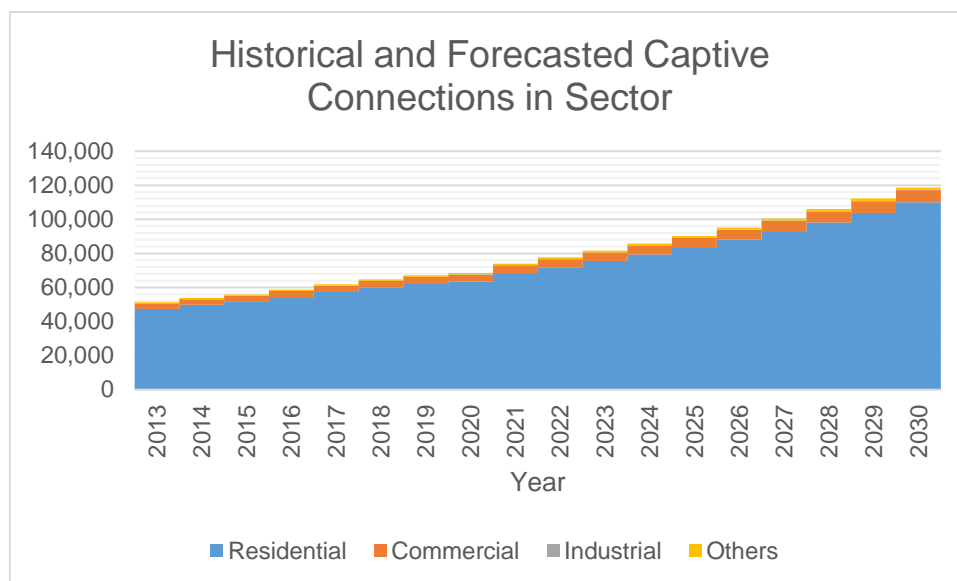
	RPS Requirement	New Power Supply
Type	Peaking	Base
Minimum MW	5.00	15.00
Minimum MWh/yr	43,200	129,600
PSA Start	11/1/2022	11/1/2022
PSA End	11/1/2032	11/1/2032
Publication	6/1/2021	6/1/2021
Pre-bid	6/22/2021	6/22/2021
Opening	8/21/2021	8/21/2021
Awarding	9/20/2021	9/20/2021
PSA Signing	10/20/2021	10/20/2021
Joint Filing	10/29/2021	10/29/2021



For the procurement of 15 MW of supply which is planned to be available on 2021, the first publication or launch of CSP will be on 6/22/2021. Joint filing is planned on 10/29/2021, or 150 days later, in accordance with DOE's 2018 CSP Policy.

For the procurement of 5 MW of supply which is planned to be available on 2022, the first publication or launch of CSP will be on 6/22/2021. Joint filing is planned on 10/29/2021, 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 4.99% annually. Said customer class is expected to account for 92.67% of the total consumption.

The number of Commercial connections is expected to grow at a rate of 4.91% annually. Said customer class is expected to account for 6.44% of the total consumption.

The number of Industrial connections is expected to grow at a rate of 4.69% annually. Said customer class is expected to account for 0.16% of the total consumption.

The number of all other connections is expected to grow at a rate of 4.60% annually. Said customer class is expected to account for 1.20% of the total consumption.