

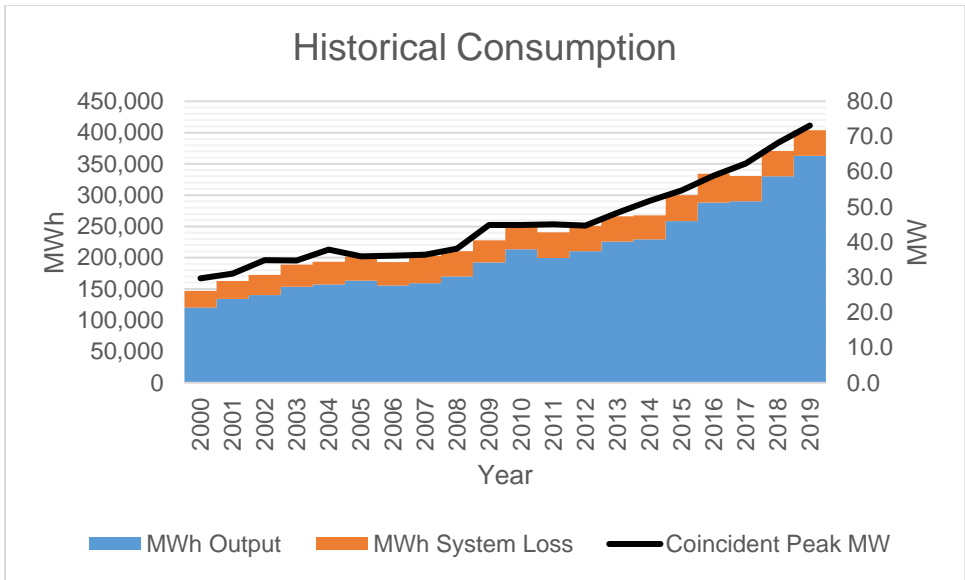
# **Power Supply Procurement Plan [2020]**

**[CASURECO II]**

## 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	29.69	146,600	0	146,600	120,061	26,647	56%	0.07%	0.00%	18.18%
2001	31.01	162,586	0	162,586	134,035	28,551	60%	0.00%	0.00%	17.56%
2002	34.85	171,966	0	171,966	140,256	32,485	56%	0.45%	0.00%	18.89%
2003	34.81	188,697	0	188,697	153,570	35,127	62%	0.00%	0.00%	18.62%
2004	37.83	193,344	0	193,344	156,900	36,395	58%	-0.03%	0.00%	18.82%
2005	35.95	201,918	0	201,918	163,180	38,738	64%	0.00%	0.00%	19.18%
2006	36.12	191,602	0	191,602	155,419	37,630	61%	0.76%	0.00%	19.64%
2007	36.37	201,403	198,494	201,403	159,386	43,126	63%	0.55%	0.00%	21.41%
2008	38.12	209,951	207,056	209,951	170,062	40,362	63%	0.23%	0.00%	19.22%
2009	44.84	226,361	170,024	226,361	192,609	35,013	58%	0.56%	0.00%	15.47%
2010	44.84	253,052	0	253,052	213,270	39,782	64%	0.00%	0.00%	15.72%
2011	45.02	240,760	45,332	240,760	199,552	41,210	61%	0.00%	0.00%	17.12%
2012	44.68	250,761	114,625	250,761	210,126	40,636	64%	0.00%	0.00%	16.21%
2013	48.36	266,127	57,262	266,127	225,526	40,601	63%	0.00%	0.00%	15.26%
2014	51.73	267,929	32,971	267,929	229,471	38,458	59%	0.00%	0.00%	14.35%
2015	54.65	299,903	9,301	299,903	258,326	41,577	63%	0.00%	0.00%	13.86%
2016	58.89	334,109	47,317	334,109	288,232	45,877	65%	0.00%	0.00%	13.73%
2017	62.37	330,722	50,303	330,722	290,011	40,712	61%	0.00%	0.00%	12.31%
2018	68.13	376,979	61,854	370,663	330,033	40,629	62%	0.00%	1.68%	10.96%
2019	73.12	407,105	106,591	403,734	362,670	41,070	63%	0.00%	0.83%	10.17%

Peak Demand increased from 29.69 MW in 2000 to 73.12 MW in 2019 at an average rate of 5.1% due to additional loads connected. MWh Offtake increased from 146,600 MWh in 2000 to 407,105 MWh in 2019 at an average rate of 5.4% due to same reason. Within the same period, Load Factor ranged from 56% to 65%. There was an abrupt change in consumption on 2018 due to connection of big loads particularly commercial establishments such as Robinson's Mall and Vista Mall.

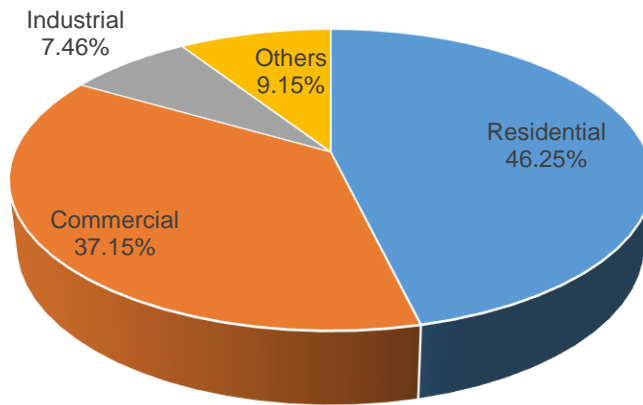


MWh Output increased from year 2000 to year 2019 at an average rate of 6.1%, while MWh System Loss decreased at an average rate of 2.7% within the same period.



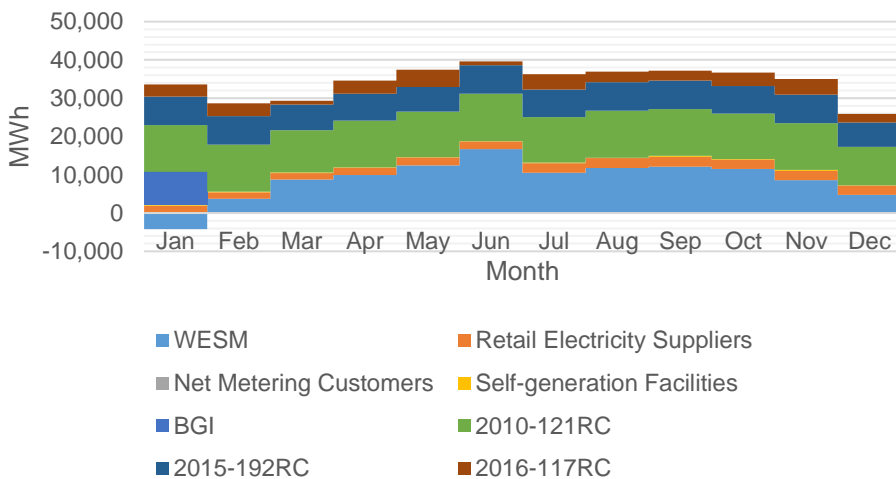
Historically, System Loss ranged from 10.17% to 21.30%. Overall System Loss peaked at 21.30% on year 2007 because of Typhoon Reming.

## Previous Year's Shares of Energy Sales

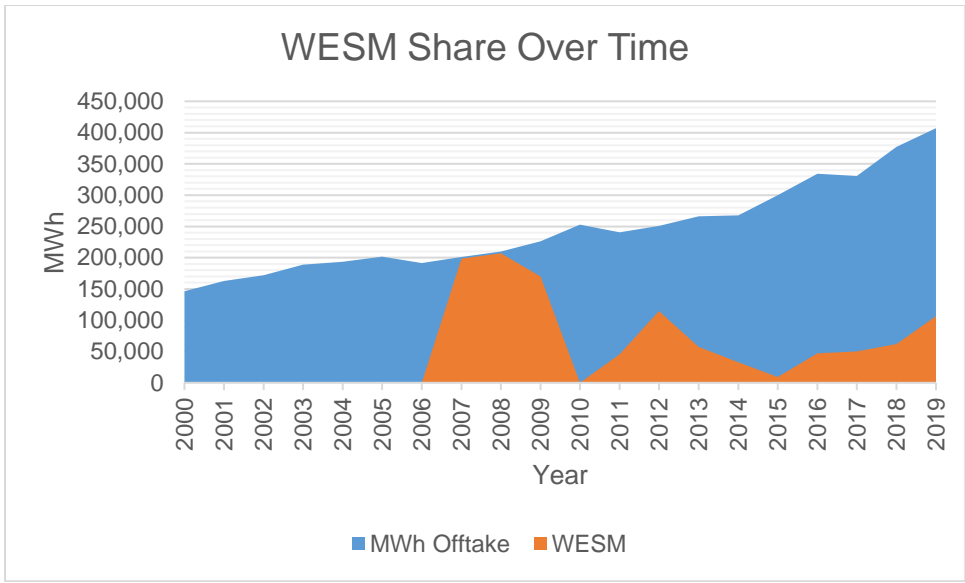


Residential customers account for the bulk of energy sales at 46.25% due to the high number of connections. In contrast, Industrial customers accounted for only 7.46% of energy sales due to the low number of connections.

## MWh Offtake for Last Historical Year

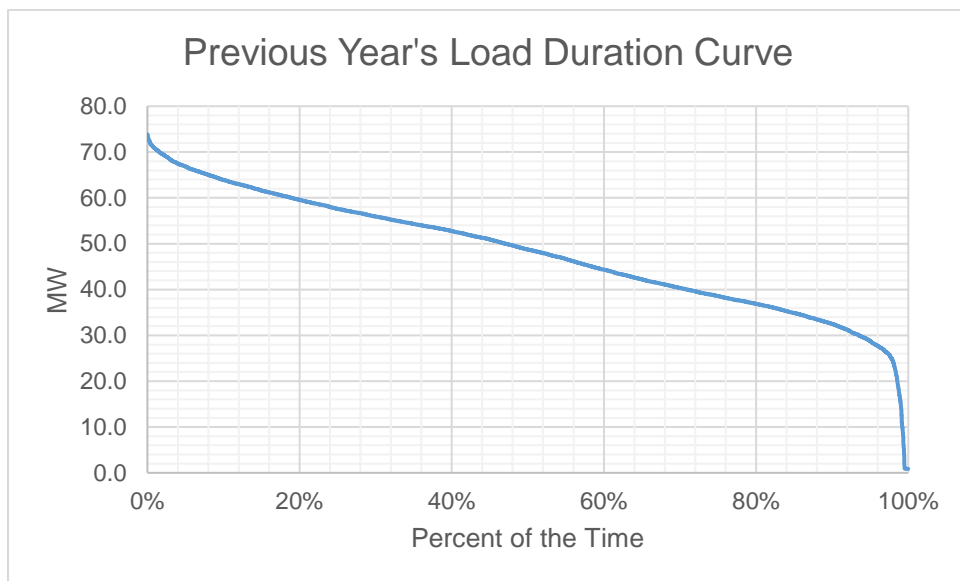


For 2019, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with MPPCL accounts for the bulk of MWh Offtake.

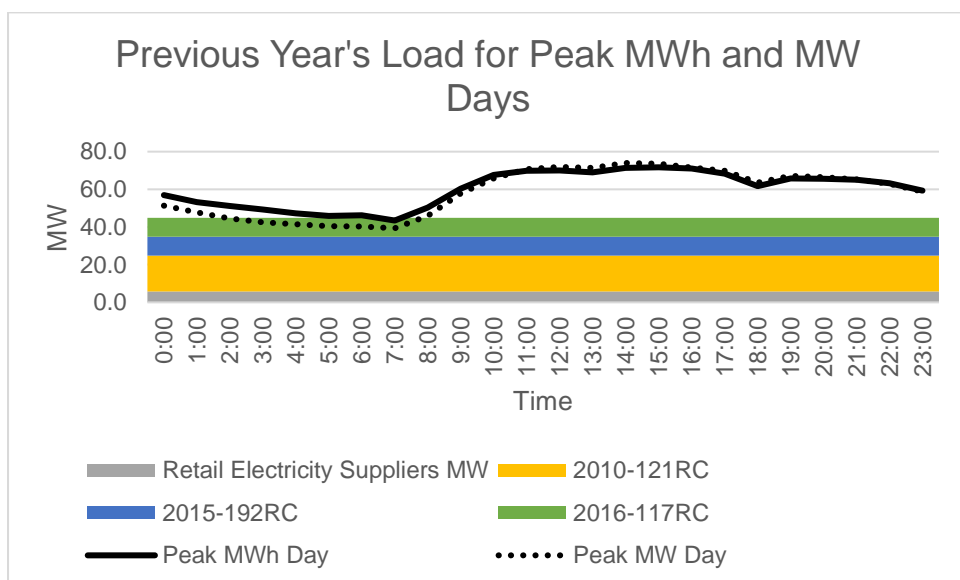


WESM Offtake varies from 9,000 MWh to more than 100,000 MWh at a rate of more than 30% due to volatility of WESM prices and the increase in our energy requirement. The share of WESM in the total Offtake ranged from 3% to more than 30%.

# Previous Year's Load Profile

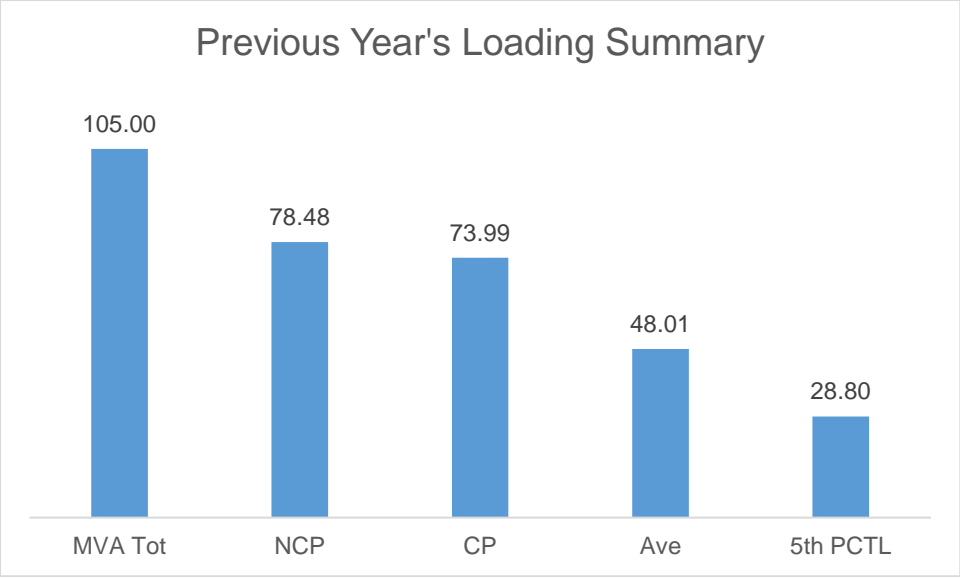


Based on the Load Duration Curve, the minimum load is 12.53 MW and the maximum load is 73.12 MW for the last historical year.



Peak MW occurred on May 20, 2020 @ 2:00 PM due to peak load of commercial establishments particularly malls. Peak daily MWh occurred on May 20, 2020 @ 2:00 PM due to same reason. 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 78.48 MW, which is around 79.5% of the total substation capacity of 105 MVA at a power factor of 94%. The load factor or the ratio between the Average Load of 48.01 MW and the Non-coincident Peak Demand is 61.2% of. A safe estimate of the true minimum load is the fifth percentile load of 28.80 MW which is 36.7% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
MF3MNAGCAS201	40	30.694
MF3MNAGCAS202	10	7.431
MF3MNAGCAS206	10	9.573
MF3MNAGCAS207	5	3.566
MF3MNAGCAS205	40	27.219

All substations are already loaded at above 70%. Thus to address this loading problem, we are now in the process of putting up new additional substation and planning to upgrade some of our existing power transformers to cater the abrupt increase of our load demand.

## 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	63.61	0.00	39.00	0.000	5.81	0%	67%	-18.79
	Feb	64.33	0.00	39.00	0.000	5.11	0%	66%	-20.22
	Mar	69.79	0.00	39.00	0.000	5.21	0%	60%	-25.57
	Apr	75.73	0.00	39.00	0.000	5.92	0%	56%	-30.81
	May	81.37	0.00	39.00	0.000	5.95	0%	52%	-36.42
	Jun	80.74	0.00	39.00	0.000	5.94	0%	52%	-35.80
	Jul	80.28	0.00	39.00	0.000	7.67	0%	54%	-33.61
	Aug	79.10	0.00	39.00	0.000	7.51	0%	54%	-32.60
	Sep	79.79	0.00	39.00	0.000	7.92	0%	54%	-32.87
	Oct	80.48	0.00	39.00	0.000	7.82	0%	54%	-33.66
	Nov	77.23	0.00	39.00	0.000	7.70	0%	56%	-30.53
	Dec	72.17	0.00	39.00	0.000	8.43	0%	61%	-24.74
2021	Jan	68.39	0.00	39.00	20.000	6.65	0%	96%	-2.75
	Feb	69.17	0.00	39.00	20.000	5.84	0%	93%	-4.33
	Mar	75.04	0.00	39.00	20.000	5.96	0%	85%	-10.08
	Apr	81.42	0.00	39.00	20.000	6.76	0%	79%	-15.66
	May	87.49	0.00	39.00	20.000	6.80	0%	73%	-21.69
	Jun	86.81	0.00	39.00	20.000	6.79	0%	74%	-21.03
	Jul	86.32	0.00	39.00	20.000	8.77	0%	76%	-18.55
	Aug	85.06	0.00	39.00	20.000	8.58	0%	77%	-17.48
	Sep	85.79	0.00	39.00	20.000	9.05	0%	77%	-17.75
	Oct	86.53	0.00	39.00	20.000	8.94	0%	76%	-18.60
	Nov	83.04	0.00	39.00	20.000	8.80	0%	79%	-15.24
	Dec	77.60	0.00	39.00	20.000	9.63	0%	87%	-8.97
2022	Jan	76.22	0.00	39.00	30.000	7.47	0%	100%	0.25
	Feb	77.09	0.00	39.00	30.000	6.57	0%	98%	-1.53
	Mar	83.63	0.00	39.00	30.000	6.70	0%	90%	-7.93
	Apr	90.75	0.00	39.00	30.000	7.60	0%	83%	-14.14

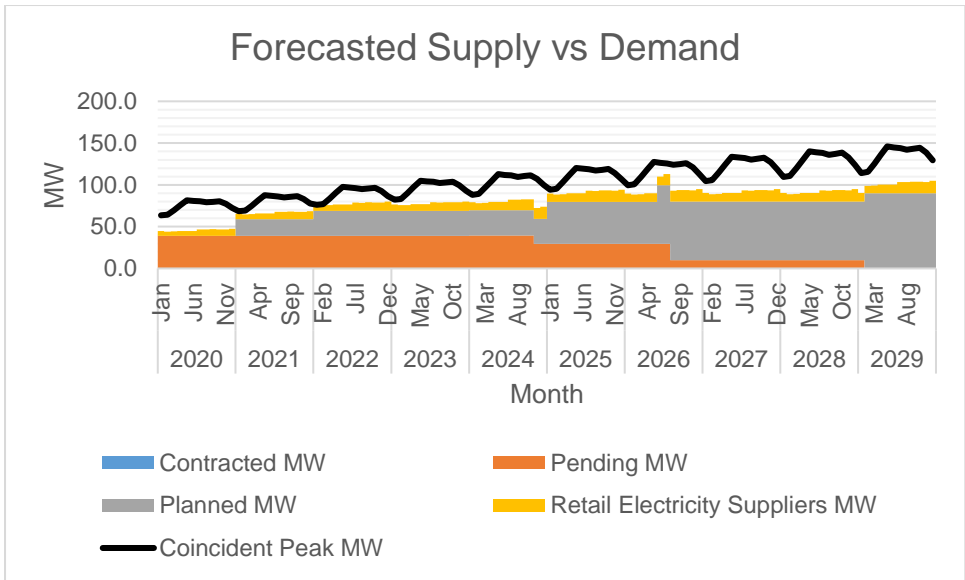


		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	May	97.51	0.00	39.00	30.000	7.65	0%	77%	-20.86
	Jun	96.76	0.00	39.00	30.000	7.63	0%	77%	-20.12
	Jul	96.20	0.00	39.00	30.000	9.86	0%	80%	-17.34
	Aug	94.79	0.00	39.00	30.000	9.65	0%	81%	-16.15
	Sep	95.62	0.00	39.00	30.000	10.18	0%	81%	-16.44
	Oct	96.44	0.00	39.00	30.000	10.05	0%	80%	-17.39
	Nov	92.55	0.00	39.00	30.000	9.90	0%	83%	-13.66
	Dec	86.49	0.00	39.00	30.000	10.83	0%	91%	-6.65
2023	Jan	82.14	0.00	39.00	30.000	7.64	0%	93%	-5.50
	Feb	83.08	0.00	39.00	30.000	6.71	0%	90%	-7.37
	Mar	90.12	0.00	39.00	30.000	6.85	0%	83%	-14.28
	Apr	97.79	0.00	39.00	30.000	7.77	0%	77%	-21.02
	May	105.08	0.00	39.00	30.000	7.82	0%	71%	-28.26
	Jun	104.27	0.00	39.00	30.000	7.80	0%	72%	-27.47
	Jul	103.67	0.00	39.00	30.000	10.08	0%	74%	-24.59
	Aug	102.16	0.00	39.00	30.000	9.86	0%	75%	-23.29
	Sep	103.04	0.00	39.00	30.000	10.40	0%	74%	-23.64
	Oct	103.93	0.00	39.00	30.000	10.27	0%	74%	-24.66
	Nov	99.74	0.00	39.00	30.000	10.12	0%	77%	-20.62
	Dec	93.20	0.00	39.00	30.000	11.07	0%	84%	-13.13
2024	Jan	88.18	0.00	39.50	30.000	9.82	0%	89%	-8.85
	Feb	89.18	0.00	39.50	30.000	8.63	0%	86%	-11.05
	Mar	96.75	0.00	39.50	30.000	8.81	0%	79%	-18.44
	Apr	104.98	0.00	39.50	30.000	10.00	0%	73%	-25.48
	May	112.80	0.00	39.50	30.000	10.06	0%	68%	-33.25
	Jun	111.93	0.00	39.50	30.000	10.04	0%	68%	-32.40
	Jul	111.29	0.00	39.50	30.000	12.96	0%	71%	-28.83
	Aug	109.66	0.00	39.50	30.000	12.68	0%	72%	-27.48
	Sep	110.61	0.00	39.50	30.000	13.38	0%	71%	-27.74
	Oct	111.57	0.00	39.50	30.000	13.21	0%	71%	-28.86
	Nov	107.07	0.00	29.50	30.000	13.01	0%	63%	-34.56

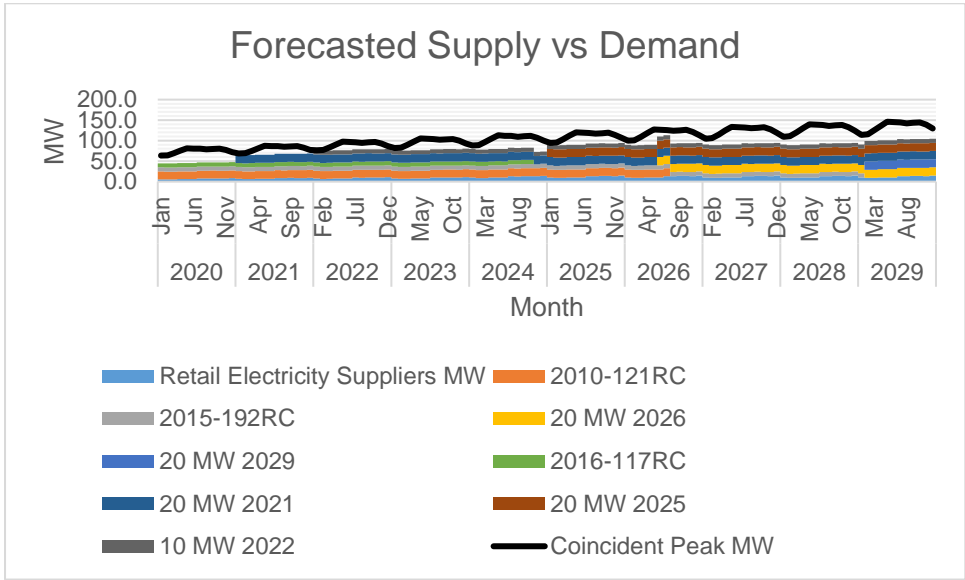
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Dec	100.05	0.00	29.50	30.000	14.24	0%	69%	-26.31
2025	Jan	94.12	0.00	29.50	50.000	10.22	0%	95%	-4.40
	Feb	95.20	0.00	29.50	50.000	8.98	0%	92%	-6.72
	Mar	103.27	0.00	29.50	50.000	9.16	0%	84%	-14.61
	Apr	112.06	0.00	29.50	50.000	10.40	0%	78%	-22.16
	May	120.41	0.00	29.50	50.000	10.46	0%	72%	-30.44
	Jun	119.48	0.00	29.50	50.000	10.44	0%	73%	-29.54
	Jul	118.79	0.00	29.50	50.000	13.49	0%	75%	-25.81
	Aug	117.06	0.00	29.50	50.000	13.20	0%	77%	-24.36
	Sep	118.07	0.00	29.50	50.000	13.92	0%	76%	-24.65
	Oct	119.09	0.00	29.50	50.000	13.74	0%	75%	-25.85
	Nov	114.29	0.00	29.50	50.000	13.54	0%	79%	-21.25
	Dec	106.80	0.00	29.50	50.000	14.82	0%	86%	-12.48
2026	Jan	99.67	0.00	29.50	50.000	10.22	0%	89%	-9.95
	Feb	100.81	0.00	29.50	50.000	8.98	0%	87%	-12.33
	Mar	109.35	0.00	29.50	50.000	9.16	0%	79%	-20.69
	Apr	118.66	0.00	29.50	50.000	10.40	0%	73%	-28.76
	May	127.50	0.00	29.50	50.000	10.46	0%	68%	-37.54
	Jun	126.52	0.00	29.50	70.000	10.44	0%	86%	-16.58
	Jul	125.80	0.00	29.50	70.000	13.49	0%	89%	-12.81
	Aug	123.95	0.00	10.00	70.000	13.20	0%	72%	-30.76
	Sep	125.03	0.00	10.00	70.000	13.92	0%	72%	-31.11
	Oct	126.11	0.00	10.00	70.000	13.74	0%	71%	-32.36
	Nov	121.02	0.00	10.00	70.000	13.54	0%	74%	-27.48
	Dec	113.09	0.00	10.00	70.000	14.82	0%	81%	-18.27
2027	Jan	104.59	0.00	10.00	70.000	10.22	0%	85%	-14.37
	Feb	105.79	0.00	10.00	70.000	8.98	0%	83%	-16.81
	Mar	114.76	0.00	10.00	70.000	9.16	0%	76%	-25.59
	Apr	124.52	0.00	10.00	70.000	10.40	0%	70%	-34.12
	May	133.80	0.00	10.00	70.000	10.46	0%	65%	-43.34
	Jun	132.77	0.00	10.00	70.000	10.44	0%	65%	-42.33

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Jul	132.01	0.00	10.00	70.000	13.49	0%	67%	-38.52
	Aug	130.08	0.00	10.00	70.000	13.20	0%	68%	-36.88
	Sep	131.20	0.00	10.00	70.000	13.92	0%	68%	-37.29
	Oct	132.34	0.00	10.00	70.000	13.74	0%	67%	-38.59
	Nov	127.00	0.00	10.00	70.000	13.54	0%	71%	-33.46
	Dec	118.68	0.00	10.00	70.000	14.82	0%	77%	-23.86
2028	Jan	109.44	0.00	10.00	70.000	10.22	0%	81%	-19.21
	Feb	110.68	0.00	10.00	70.000	8.98	0%	79%	-21.70
	Mar	120.07	0.00	10.00	70.000	9.16	0%	72%	-30.90
	Apr	130.29	0.00	10.00	70.000	10.40	0%	67%	-39.89
	May	140.00	0.00	10.00	70.000	10.46	0%	62%	-49.53
	Jun	138.91	0.00	10.00	70.000	10.44	0%	62%	-48.47
	Jul	138.12	0.00	10.00	70.000	13.49	0%	64%	-44.63
	Aug	136.10	0.00	10.00	70.000	13.20	0%	65%	-42.90
	Sep	137.28	0.00	10.00	70.000	13.92	0%	65%	-43.36
	Oct	138.46	0.00	10.00	70.000	13.74	0%	64%	-44.72
	Nov	132.88	0.00	10.00	70.000	13.54	0%	67%	-39.34
	Dec	124.17	0.00	10.00	70.000	14.82	0%	73%	-29.35
2029	Jan	114.19	0.00	10.00	70.000	10.22	0%	77%	-23.97
	Feb	115.49	0.00	0.00	90.000	8.98	0%	84%	-16.51
	Mar	125.28	0.00	0.00	90.000	9.16	0%	78%	-26.12
	Apr	135.95	0.00	0.00	90.000	10.40	0%	72%	-35.54
	May	146.07	0.00	0.00	90.000	10.46	0%	66%	-45.61
	Jun	144.94	0.00	0.00	90.000	10.44	0%	67%	-44.50
	Jul	144.12	0.00	0.00	90.000	13.49	0%	69%	-40.63
	Aug	142.01	0.00	0.00	90.000	13.20	0%	70%	-38.81
	Sep	143.24	0.00	0.00	90.000	13.92	0%	70%	-39.32
	Oct	144.48	0.00	0.00	90.000	13.74	0%	69%	-40.73
	Nov	138.65	0.00	0.00	90.000	13.54	0%	72%	-35.11
	Dec	129.56	0.00	0.00	90.000	14.82	0%	78%	-24.75

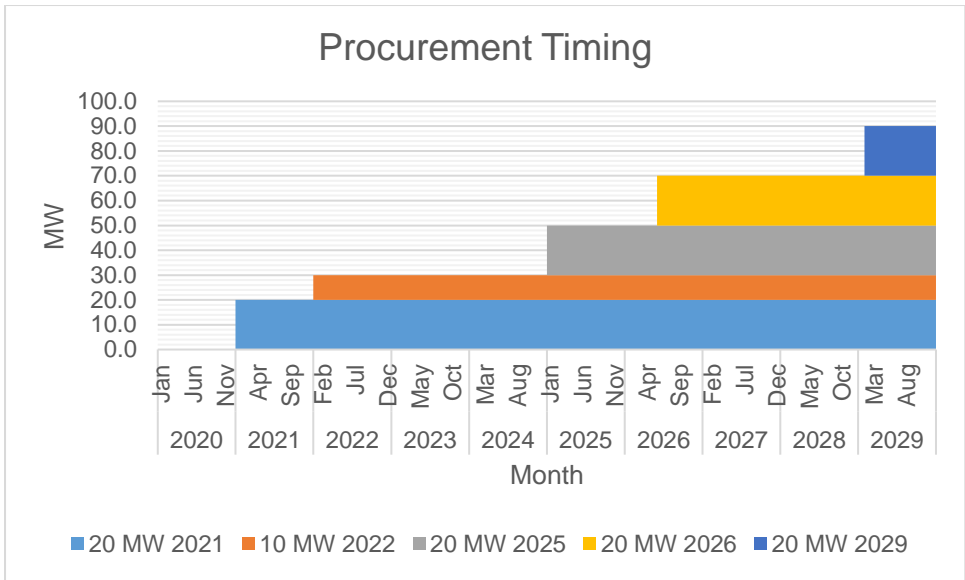
The Peak Demand was forecasted using Cubic & Logarithmic Trending and was assumed to occur on the month of May due to Summer season. Monthly Peak Demand is at its lowest on the month of January due to cold weather. In general, Peak Demand is expected to grow at an average rate of 5.9% annually.



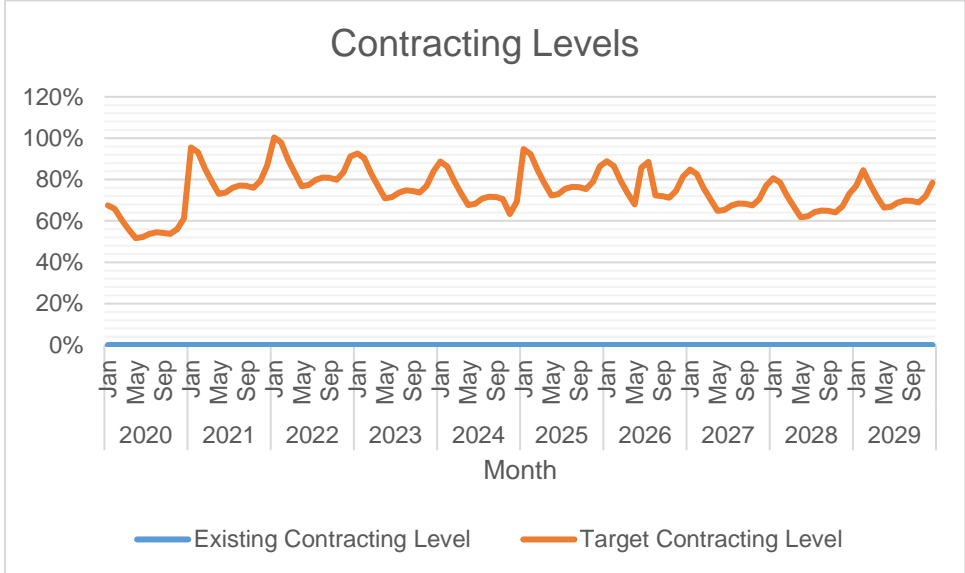
The available supply is generally below the Peak Demand. This is because one of our contracts has expired last 2019 and we are still waiting for the approval of our DDP and PSCP for our conduct of CSP if possible this year, 2020.



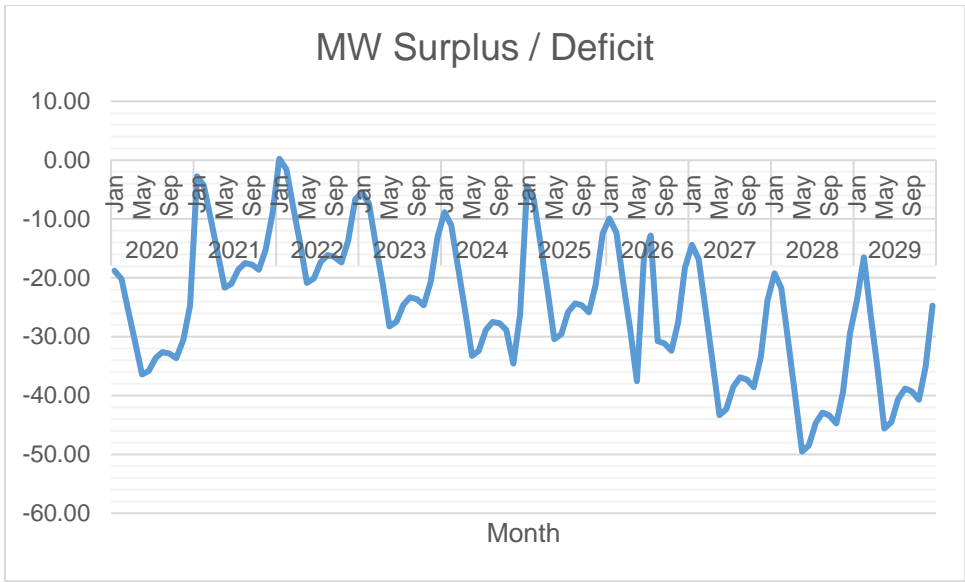
Of the available supply, the largest is 19MW from Masinloc Power Partners Company, Ltd. (MPPCL). This is followed by 10 MW from San Miguel Consolidated Power Corporation and another 10 MW from Masinloc Power Partners Company, Ltd. (MPPCL).



The first wave of supply procurement will be for 20 MW planned to be available by the month of January 2021. This will be followed by 10 MW on January 2022.



Taking into consideration our existing contracts with ERC Application and Provisional Authority, currently, there is under-contracting by more than 30%. The highest target contracting level is at 100% which is expected to occur on January 2022. The lowest target contracting level is 52% which is expected to occur between May and June 2020.



Currently, there is under-contacting by 34 MW. The highest deficit is 49.53 MW which is expected to occur on the month of May 2028. The lowest deficit is 1.53MW which is expected to occur on the month of February 2022.

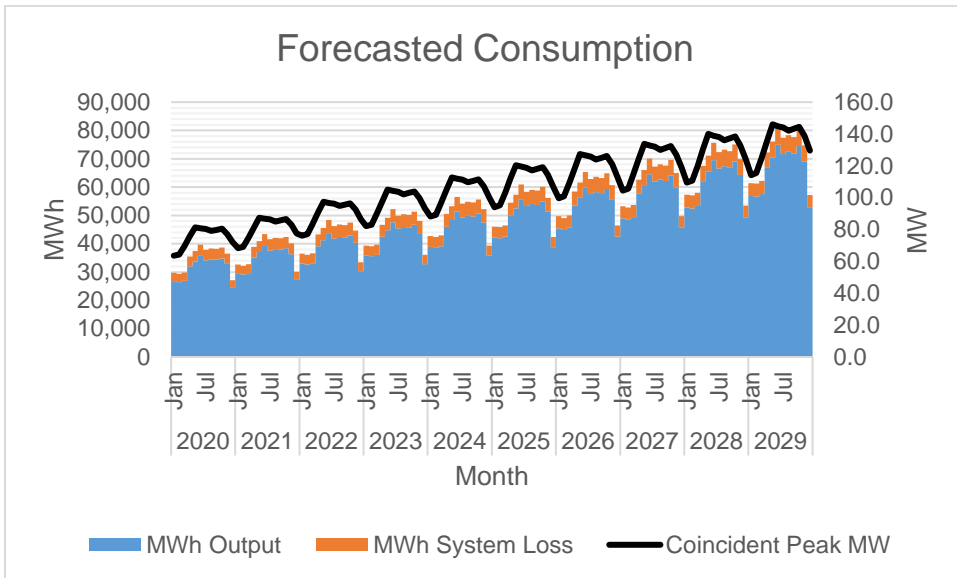
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2020	Jan	29,766	26,789	2,977	0.00%	10.00%
	Feb	29,356	26,420	2,936	0.00%	10.00%
	Mar	29,840	26,856	2,984	0.00%	10.00%
	Apr	35,511	31,960	3,551	0.00%	10.00%
	May	37,416	33,675	3,742	0.00%	10.00%
	Jun	39,678	35,710	3,968	0.00%	10.00%
	Jul	37,864	34,078	3,786	0.00%	10.00%
	Aug	38,308	34,477	3,831	0.00%	10.00%
	Sep	38,221	34,399	3,822	0.00%	10.00%
	Oct	38,624	34,762	3,862	0.00%	10.00%
	Nov	36,510	32,859	3,651	0.00%	10.00%
	Dec	27,168	24,451	2,717	0.00%	10.00%
2021	Jan	32,673	29,569	3,104	0.00%	9.50%
	Feb	32,188	29,131	3,058	0.00%	9.50%
	Mar	32,730	29,621	3,109	0.00%	9.50%
	Apr	38,835	35,145	3,689	0.00%	9.50%
	May	40,924	37,036	3,888	0.00%	9.50%
	Jun	43,384	39,262	4,121	0.00%	9.50%
	Jul	41,542	37,595	3,946	0.00%	9.50%
	Aug	42,045	38,050	3,994	0.00%	9.50%
	Sep	41,928	37,945	3,983	0.00%	9.50%
	Oct	42,440	38,409	4,032	0.00%	9.50%
	Nov	40,078	36,271	3,807	0.00%	9.50%
	Dec	30,052	27,197	2,855	0.00%	9.50%
2022	Jan	36,452	32,989	3,463	0.00%	9.50%
	Feb	36,104	32,674	3,430	0.00%	9.50%
	Mar	36,625	33,145	3,479	0.00%	9.50%
	Apr	43,266	39,156	4,110	0.00%	9.50%

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	May	45,581	41,251	4,330	0.00%	9.50%
	Jun	48,391	43,794	4,597	0.00%	9.50%
	Jul	46,249	41,855	4,394	0.00%	9.50%
	Aug	46,798	42,352	4,446	0.00%	9.50%
	Sep	46,606	42,178	4,428	0.00%	9.50%
	Oct	47,455	42,947	4,508	0.00%	9.50%
	Nov	44,600	40,363	4,237	0.00%	9.50%
	Dec	33,452	30,274	3,178	0.00%	9.50%
2023	Jan	39,350	35,808	3,541	0.00%	9.00%
	Feb	39,107	35,587	3,520	0.00%	9.00%
	Mar	39,624	36,058	3,566	0.00%	9.00%
	Apr	46,695	42,492	4,203	0.00%	9.00%
	May	49,179	44,753	4,426	0.00%	9.00%
	Jun	52,262	47,558	4,704	0.00%	9.00%
	Jul	49,883	45,393	4,489	0.00%	9.00%
	Aug	50,467	45,925	4,542	0.00%	9.00%
	Sep	50,227	45,706	4,520	0.00%	9.00%
	Oct	51,291	46,675	4,616	0.00%	9.00%
	Nov	48,083	43,755	4,327	0.00%	9.00%
	Dec	36,044	32,800	3,244	0.00%	9.00%
2024	Jan	42,685	38,843	3,842	0.00%	9.00%
	Feb	42,372	38,559	3,813	0.00%	9.00%
	Mar	42,942	39,077	3,865	0.00%	9.00%
	Apr	50,516	45,970	4,546	0.00%	9.00%
	May	53,199	48,411	4,788	0.00%	9.00%
	Jun	56,509	51,423	5,086	0.00%	9.00%
	Jul	54,166	49,291	4,875	0.00%	9.00%
	Aug	54,822	49,888	4,934	0.00%	9.00%
	Sep	54,577	49,665	4,912	0.00%	9.00%
	Oct	55,655	50,646	5,009	0.00%	9.00%
	Nov	52,211	47,512	4,699	0.00%	9.00%
	Dec	39,366	35,823	3,543	0.00%	9.00%
2025	Jan	46,024	42,112	3,912	0.00%	8.50%
	Feb	45,843	41,946	3,897	0.00%	8.50%
	Mar	46,409	42,464	3,945	0.00%	8.50%
	Apr	54,452	49,824	4,628	0.00%	8.50%
	May	57,330	52,457	4,873	0.00%	8.50%
	Jun	60,955	55,774	5,181	0.00%	8.50%
	Jul	58,342	53,383	4,959	0.00%	8.50%
	Aug	59,037	54,019	5,018	0.00%	8.50%
	Sep	58,729	53,737	4,992	0.00%	8.50%
	Oct	60,084	54,977	5,107	0.00%	8.50%
	Nov	56,212	51,434	4,778	0.00%	8.50%
	Dec	42,368	38,767	3,601	0.00%	8.50%
2026	Jan	49,682	45,459	4,223	0.00%	8.50%
	Feb	49,097	44,924	4,173	0.00%	8.50%
	Mar	49,956	45,710	4,246	0.00%	8.50%
	Apr	58,456	53,487	4,969	0.00%	8.50%

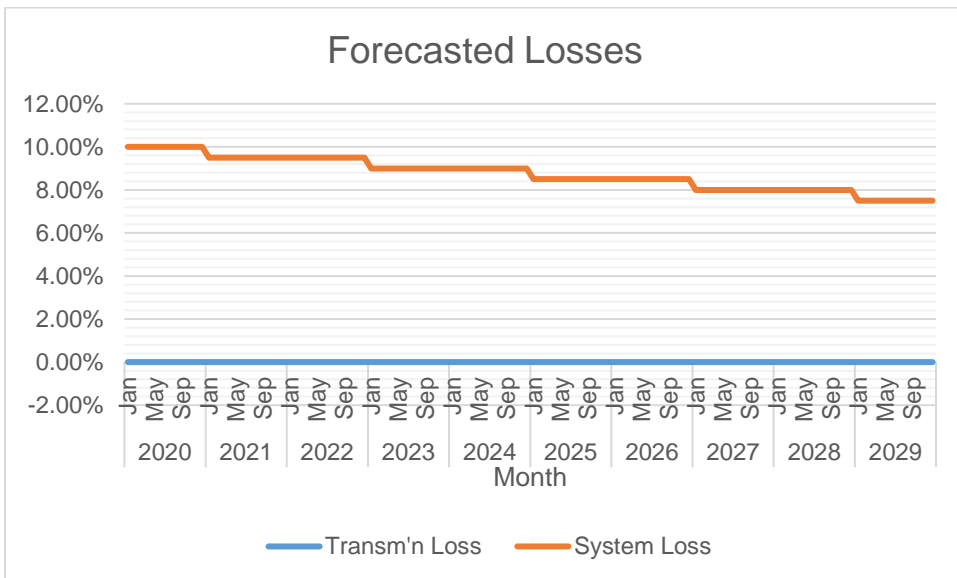


		<b>MWh Offtake</b>	<b>MWh Output</b>	<b>MWh System Loss</b>	<b>Transm'n Loss</b>	<b>System Loss</b>
	May	61,617	56,380	5,237	0.00%	8.50%
	Jun	65,379	59,821	5,557	0.00%	8.50%
	Jul	62,859	57,516	5,343	0.00%	8.50%
	Aug	63,637	58,228	5,409	0.00%	8.50%
	Sep	63,220	57,846	5,374	0.00%	8.50%
	Oct	64,882	59,367	5,515	0.00%	8.50%
	Nov	60,714	55,553	5,161	0.00%	8.50%
	Dec	46,492	42,541	3,952	0.00%	8.50%
2027	Jan	53,250	48,990	4,260	0.00%	8.00%
	Feb	52,795	48,571	4,224	0.00%	8.00%
	Mar	53,676	49,382	4,294	0.00%	8.00%
	Apr	62,653	57,640	5,012	0.00%	8.00%
	May	66,028	60,746	5,282	0.00%	8.00%
	Jun	70,124	64,514	5,610	0.00%	8.00%
	Jul	67,288	61,905	5,383	0.00%	8.00%
	Aug	68,102	62,654	5,448	0.00%	8.00%
	Sep	67,597	62,189	5,408	0.00%	8.00%
	Oct	69,623	64,054	5,570	0.00%	8.00%
	Nov	64,968	59,771	5,197	0.00%	8.00%
	Dec	49,727	45,749	3,978	0.00%	8.00%
2028	Jan	57,363	52,774	4,589	0.00%	8.00%
	Feb	57,051	52,487	4,564	0.00%	8.00%
	Mar	57,959	53,322	4,637	0.00%	8.00%
	Apr	67,485	62,086	5,399	0.00%	8.00%
	May	71,108	65,419	5,689	0.00%	8.00%
	Jun	75,585	69,538	6,047	0.00%	8.00%
	Jul	72,396	66,604	5,792	0.00%	8.00%
	Aug	73,252	67,392	5,860	0.00%	8.00%
	Sep	72,647	66,835	5,812	0.00%	8.00%
	Oct	75,087	69,080	6,007	0.00%	8.00%
	Nov	69,874	64,284	5,590	0.00%	8.00%
	Dec	53,466	49,189	4,277	0.00%	8.00%
2029	Jan	61,426	56,819	4,607	0.00%	7.50%
	Feb	61,277	56,682	4,596	0.00%	7.50%
	Mar	62,205	57,539	4,665	0.00%	7.50%
	Apr	72,253	66,834	5,419	0.00%	7.50%
	May	76,118	70,409	5,709	0.00%	7.50%
	Jun	80,978	74,905	6,073	0.00%	7.50%
	Jul	77,431	71,624	5,807	0.00%	7.50%
	Aug	78,327	72,452	5,874	0.00%	7.50%
	Sep	77,615	71,794	5,821	0.00%	7.50%
	Oct	80,495	74,457	6,037	0.00%	7.50%
	Nov	74,707	69,104	5,603	0.00%	7.50%
	Dec	57,156	52,869	4,287	0.00%	7.50%

MWh Offtake was forecasted using data of forecasted sales and projected system loss. Based on the projected System Loss, the Distribution System can adequately convey electricity to customers.



MWh Output was expected to grow at a rate of 8% annually.



System Loss is expected to range from 7.5% to 10.0% for the years 2020-2029. Transmission loss is not considered in the projection since our system loss projection is pertaining to the whole system.

## Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
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NOT APPLICABLE.

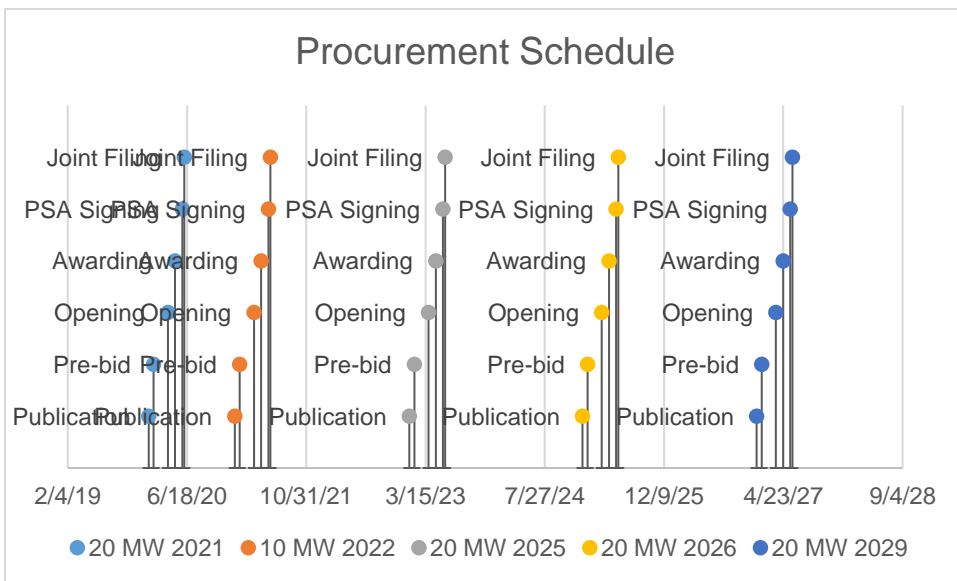
Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2010-121RC	Base	Masinloc Power Partners Company, Ltd.	19.00	145,763	Jun 2010	May 2026
2016-117RC	Intermediate	San Miguel Consolidated Power Corporation	10.00	87,600	10/1/2014	Oct 2024
2015-192RC	Base	Masinloc Power Partners Company, Ltd.	10.00	87,600	Jan 2019	Jan 2029

The PSA with MPPCL filed with ERC under Case No. 2010-121RC was procured for our base requirement due to high base load demand.

The PSA with SCPC filed with ERC under Case No. 2016-117RC and the PSA with MPPCL filed with ERC under Case No. 2015-192RC were affected by the Supreme Court's Decision requiring all power supply agreements which distribution utilities submitted to the Energy Regulatory Commission (ERC) from June 30, 2015 to undergo competitive selection process (CSP). Thus, we are still waiting for further directives from DOE and ERC regarding the matter.

	20 MW 2021	10 MW 2022	20 MW 2025	20 MW 2026	20 MW 2029
Type	Intermediate	Peaking	Intermediate	Base	Base
Minimum MW	20.00	10.00	20.00	20.00	20.00
Minimum MWh/yr	105,120*	17,520*	105,120*	148,920	148,920
PSA Start	Jan. 26, 2021	Jan. 26, 2022	Jan. 26, 2025	June 26, 2026	Feb. 26, 2029
PSA End	Jan. 25, 2031	Jan. 25, 2032	Jan. 25, 2035	June 25, 2036	Feb. 25, 2039
Publication	1/9/2020	1/4/2021	1/6/2023	1/1/2025	1/1/2027
Pre-bid	1/30/2020	1/25/2021	1/27/2023	1/22/2025	1/22/2027
Opening	3/30/2020	3/26/2021	3/28/2023	3/23/2025	3/23/2027
Awarding	4/29/2020	4/25/2021	4/27/2023	4/22/2025	4/22/2027
PSA Signing	5/29/2020	5/25/2021	5/27/2023	5/22/2025	5/22/2027
Joint Filing	6/7/2020	6/3/2021	6/5/2023	5/31/2025	5/31/2027

\*Minimum Energy Requirement based on projection only which shall not be treated as the final offtake.



For the procurement of 20 MW of supply which is planned to be available on January 2021, the proposed schedule of conduct of CSP shall be determined upon approval of our DDP-PSPP 2019.

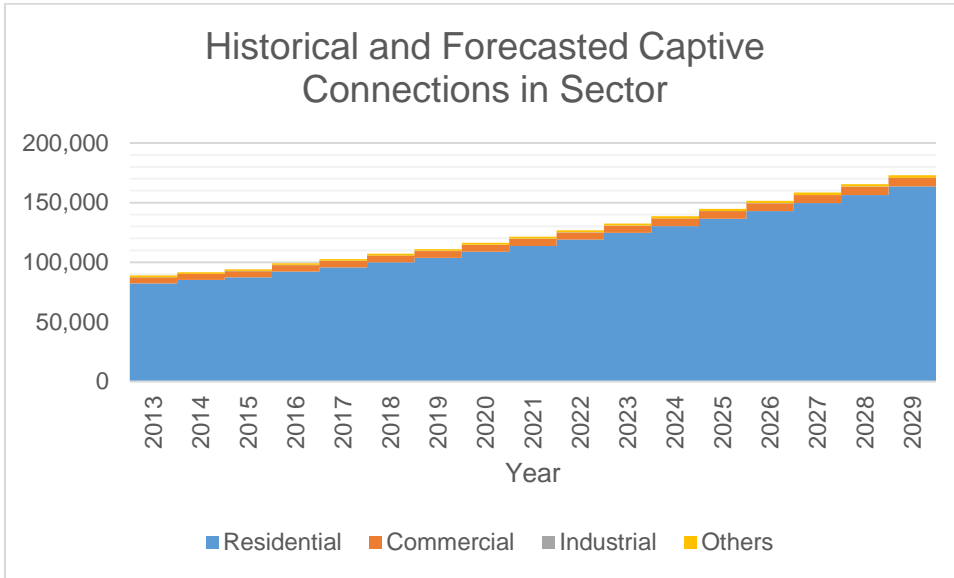
For the procurement of 10 MW of supply which is planned to be available on January 2022, the first publication or launch of CSP is on January 2021. Joint filing is planned on June 2021, or 150 days later, in accordance with DOE's 2018 CSP Policy. Proposed schedule maybe subject to changes.

For the procurement of 20 MW of supply which is planned to be available on January 2025, the first publication or launch of CSP will be on January 2023. Joint filing is planned on June 2023, or 150 days later, in accordance with DOE's 2018 CSP Policy. Proposed schedule maybe subject to changes.

For the procurement of 20 MW of supply which is planned to be available on June 2026, the first publication or launch of CSP will be on January 2025. Joint filing is planned on May 2025, or 150 days later, in accordance with DOE's 2018 CSP Policy. Proposed schedule maybe subject to changes.

For the procurement of 20 MW of supply which is planned to be available on February 2029, the first publication or launch of CSP will be on January 2027. Joint filing is planned on May 2027, or 150 days later, in accordance with DOE's 2018 CSP Policy. Proposed schedule maybe subject to changes.

# Captive Customer Connections



The number of residential connections is expected to grow at an average rate of 4.6% annually. Said customer class is expected to account for 46.25% of the total consumption.