



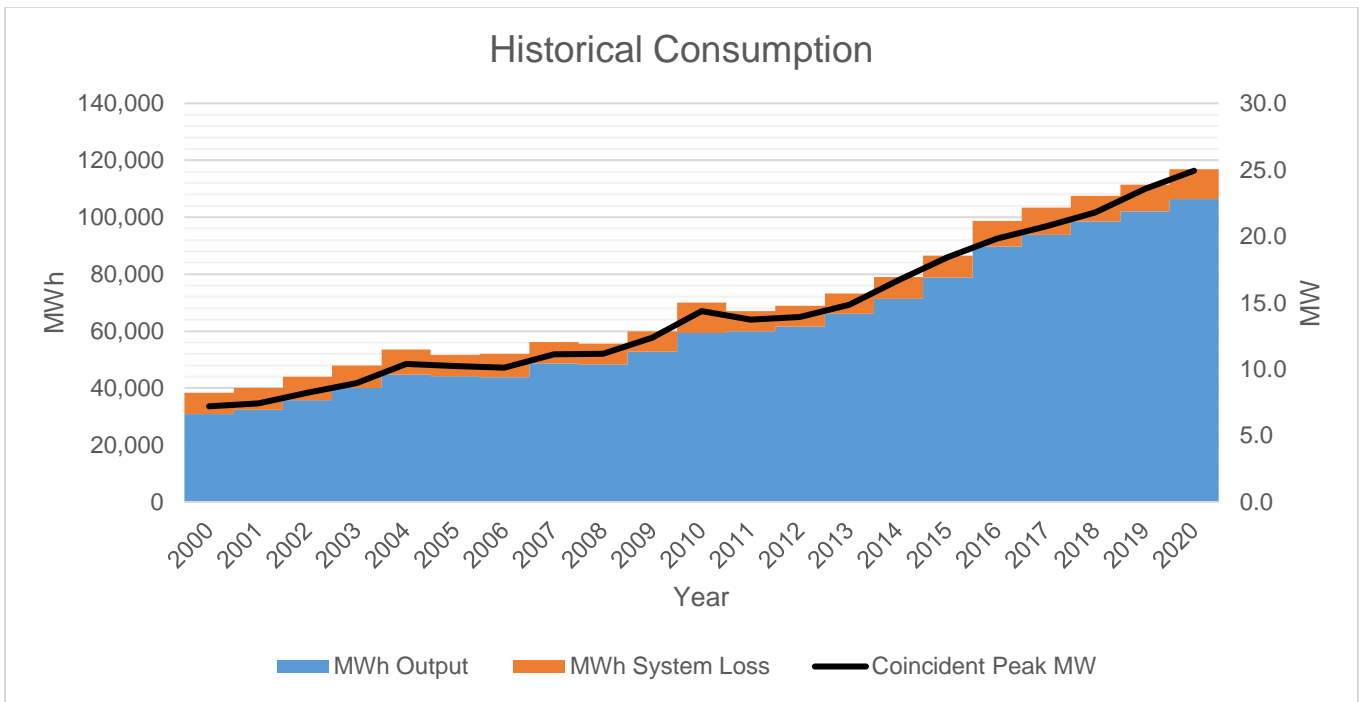
# **Power Supply Procurement Plan 2021**

**San Jose City Electric Cooperative**  
San Jose City, Nueva Ecija, 3121

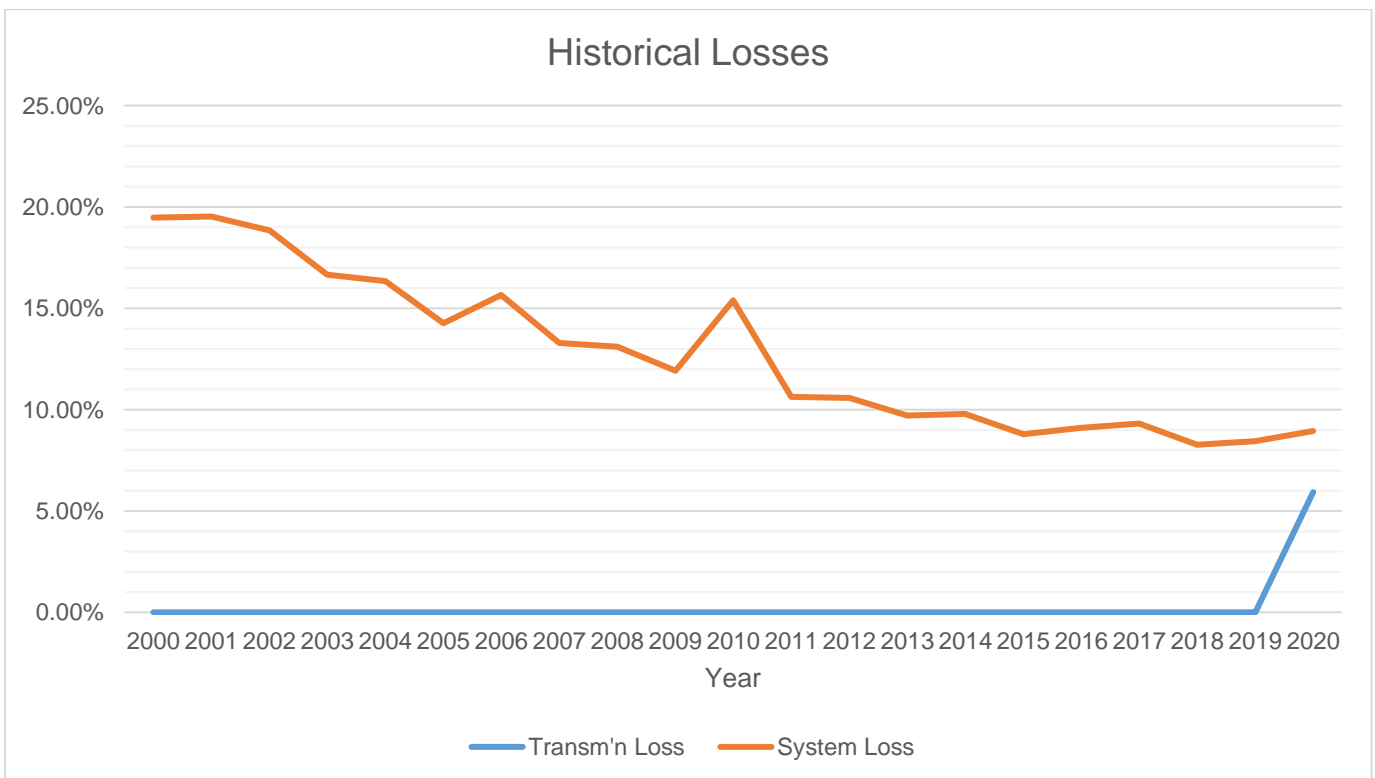
## Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	7.20	38,409	0	38,409	30,926	7,483	61%	0.00%	0.00%	19.48%
2001	7.41	40,127	0	40,127	32,292	7,835	62%	0.00%	0.00%	19.53%
2002	8.21	44,043	0	44,043	35,745	8,298	61%	0.00%	0.00%	18.84%
2003	8.95	47,951	0	47,951	39,962	7,989	61%	0.00%	0.00%	16.66%
2004	10.38	53,514	0	53,514	44,766	8,748	59%	0.00%	0.00%	16.35%
2005	10.22	51,602	0	51,602	44,249	7,353	58%	0.00%	0.00%	14.25%
2006	10.12	52,013	0	52,013	43,876	8,137	59%	0.00%	0.00%	15.64%
2007	11.13	56,207	0	56,207	48,737	7,470	58%	0.00%	0.00%	13.29%
2008	11.16	55,509	0	55,509	48,236	7,273	57%	0.00%	0.00%	13.10%
2009	12.36	59,904	0	59,904	52,764	7,140	55%	0.00%	0.00%	11.92%
2010	14.37	70,036	0	70,036	59,256	10,780	56%	0.00%	0.00%	15.39%
2011	13.71	66,947	0	66,947	59,837	7,110	56%	0.00%	0.00%	10.62%
2012	13.94	68,832	0	68,832	61,547	7,285	56%	0.00%	0.00%	10.58%
2013	14.83	73,288	0	73,288	66,167	7,121	56%	0.00%	0.00%	9.72%
2014	16.71	79,029	0	79,029	71,289	7,740	54%	0.00%	0.00%	9.79%
2015	18.41	86,451	0	86,451	78,852	7,599	54%	0.00%	0.00%	8.79%
2016	19.82	98,626	6,675	98,626	89,655	8,971	57%	0.00%	0.00%	9.10%
2017	20.74	103,461	7,222	103,461	93,834	9,627	57%	0.00%	0.00%	9.30%
2018	21.77	107,475	5,899	107,475	98,592	8,883	56%	0.00%	0.00%	8.27%
2019	23.57	111,385	16,924	111,385	101,983	9,402	54%	0.00%	0.00%	8.44%
2020	24.93	124,263	7,371	116,892	106,452	10,440	54%	0.00%	5.93%	8.93%

Peak Demand increased from 23.57 MW in 2019 to 24.93 MW in 2020 at a rate of 5.46% due to the increase of the demands of residential and commercial customers. Within the same period, Load Factor ranged from 64.02% to 65.48%. There was an abrupt change in consumption on 2019 and 2020 are due to the increase of large commercial and industrial customers.

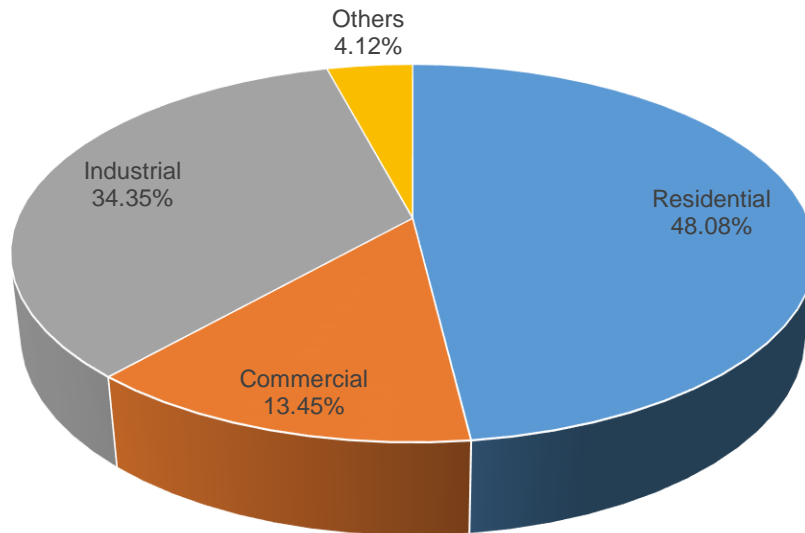


MWh Output increased from year 2019 to year 2020 at a rate of 4.71%, while MWh System Loss increased at a rate of 4.38% within the same period in proportion with the increase of MWh Output.



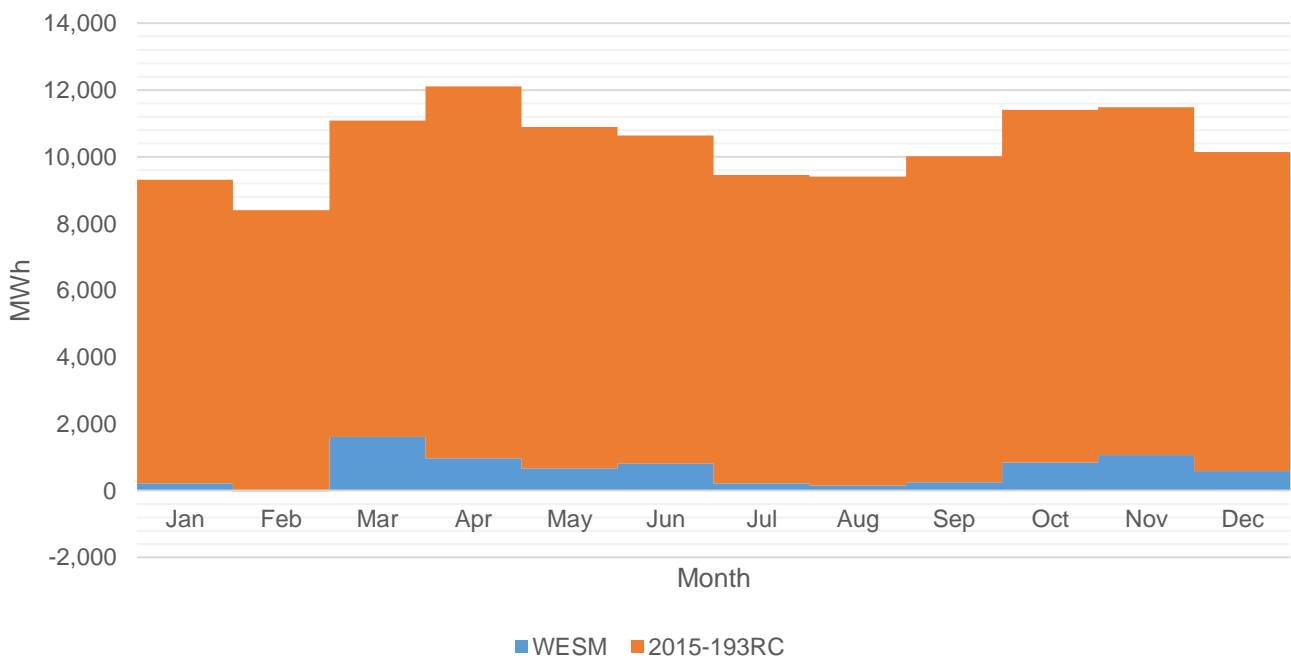
Historically, System Loss on the year 2000 decreased from 19.48% to 8.93% on the year 2020. System Loss peaked at 19.48% on year 2000 because of the design of the system that time. The decrease on system loss was due to the construction of new substations, line rehabilitation, pole metering activities and assuring the quality of kilowatt-hour meters being installed to customers.

### Previous Year's Shares of Energy Sales

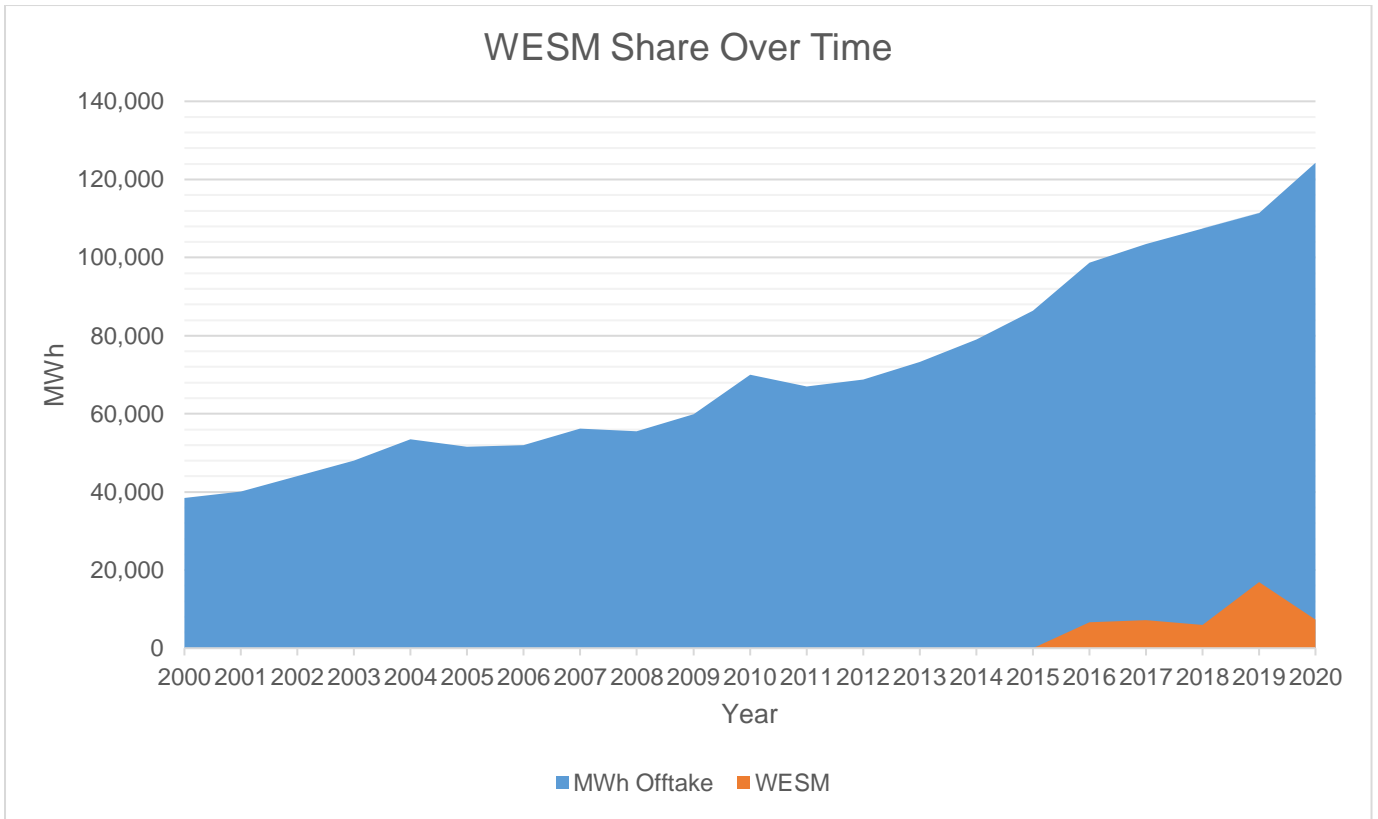


Residential customers account for the bulk of energy sales at 48.08% due to the high number of connections. Also, Industrial customers account for the energy sales at 34.35% despite having only few numbers of connections due to their high demand and production. In contrast, customers classified as others (public building, street lighting, and irrigation) accounted for only 4.12% of energy sales due to the low number of connections.

### MWh Offtake for Last Historical Year

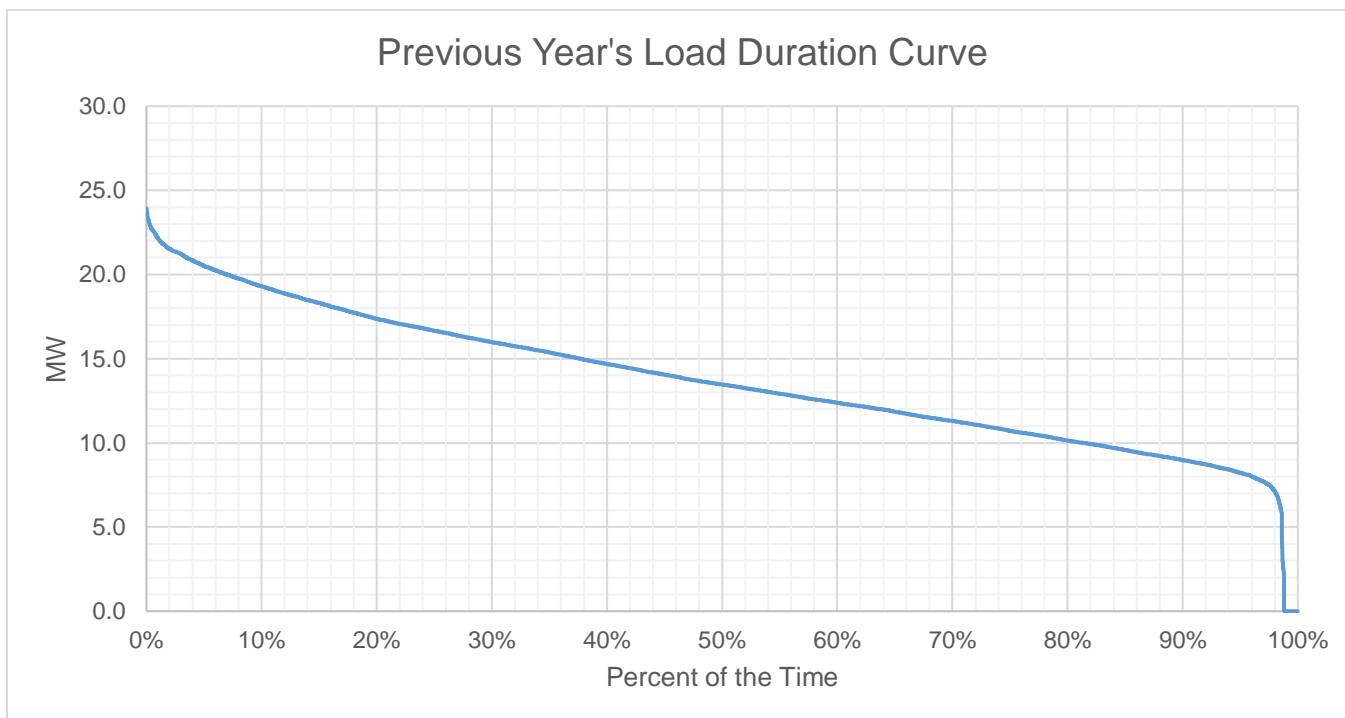


For 2020, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA 2019-193RC accounts for the bulk of MWh Offtake.

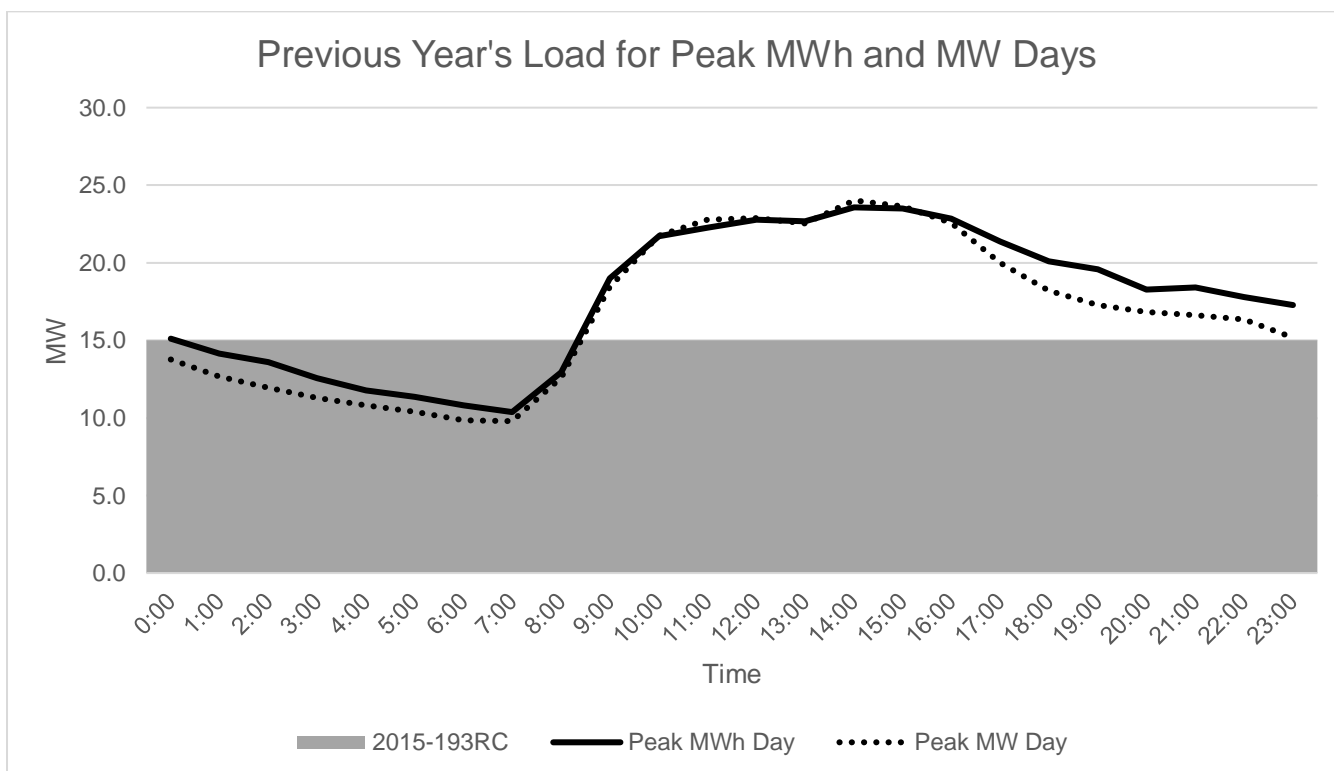


WESM Offtake increased from 6675 MWh in 2016 to 16924 MWh in 2019 and decreased to 7371 MWh in 2020 due to the increase of the MWh consumption of all customers.

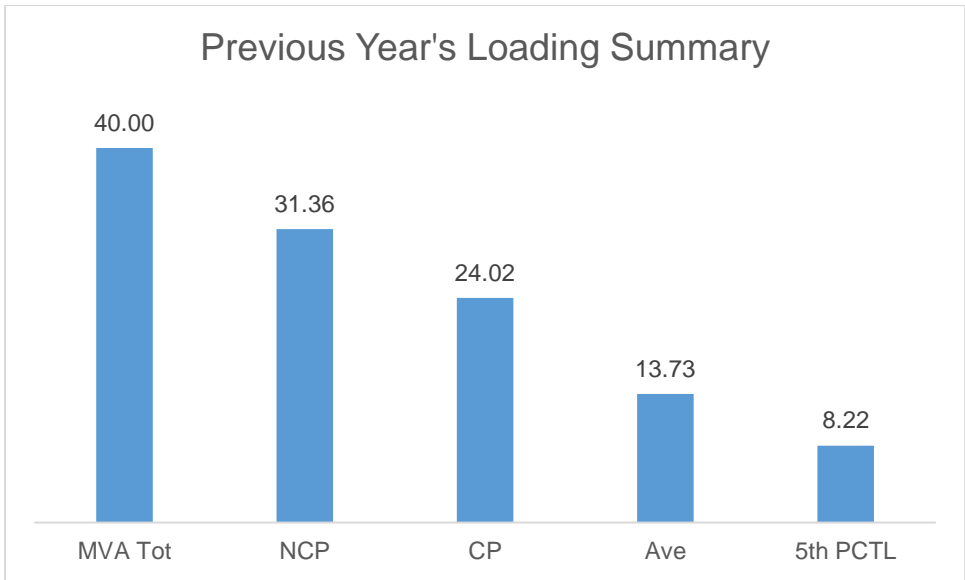
# Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 9.79MW and the maximum load is 24.02 MW for the last historical year(coincidental).



Peak MW occurred on 15:00H due to the high demand for air conditioning on commercial establishments coinciding with the maximum production of industrial facilities. As shown in the Load Curves, the available supply is lower than the Peak Demand.



The Non-coincident Peak Demand is 31.36 MW, which is around 78.40% of the total substation capacity of 40 MVA at a power factor of 95%. The load factor or the ratio between the Average Load of 13.73 MW and the Non-coincident Peak Demand is 43.78% of. A safe estimate of the true minimum load is the fifth percentile load of 8.22 MW which is 26.21% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
CALAOCAN SS	25	23.255
STO.TOMAS SS	15	8.108

The substation loaded at above 70% is the CALAOCAN Substation. This loading problem will be solved by Transferring load from CALAOCAN SS to STO.TOMAS SS and may be a possible Commissioning of a new 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	23.69	15.00	0.00	0.000		63%	63%	-8.69
	Feb	20.47	15.00	0.00	0.000		73%	73%	-5.47
	Mar	23.13	15.00	0.00	0.000		65%	65%	-8.13
	Apr	25.41	15.00	0.00	0.000		59%	59%	-10.41
	May	25.87	15.00	0.00	0.000		58%	58%	-10.87
	Jun	22.92	15.00	0.00	0.000		65%	65%	-7.92
	Jul	23.83	15.00	0.00	0.000		63%	63%	-8.83
	Aug	23.31	15.00	0.00	0.000		64%	64%	-8.31
	Sep	24.13	15.00	0.00	0.000		62%	62%	-9.13
	Oct	26.54	15.00	0.00	0.000		57%	57%	-11.54
	Nov	26.88	15.00	0.00	0.000		56%	56%	-11.88
	Dec	25.40	15.00	0.00	0.000		59%	59%	-10.40
2022	Jan	25.30	15.00	0.00	10.000		59%	99%	-0.30
	Feb	21.86	15.00	0.00	10.000		69%	114%	3.14
	Mar	24.71	15.00	0.00	10.000		61%	101%	0.30
	Apr	27.14	15.00	0.00	10.000		55%	92%	-2.14
	May	27.63	15.00	0.00	10.000		54%	90%	-2.63
	Jun	24.47	15.00	0.00	10.000		61%	102%	0.53
	Jul	25.45	15.00	0.00	10.000		59%	98%	-0.45
	Aug	24.90	15.00	0.00	10.000		60%	100%	0.11
	Sep	25.77	15.00	0.00	10.000		58%	97%	-0.77
	Oct	28.35	15.00	0.00	10.000		53%	88%	-3.35
	Nov	28.70	15.00	0.00	10.000		52%	87%	-3.70
	Dec	27.13	15.00	0.00	10.000		55%	92%	-2.13
2023	Jan	26.94	15.00	0.00	10.000		56%	93%	-1.94
	Feb	23.28	15.00	0.00	10.000		64%	107%	1.72
	Mar	26.31	15.00	0.00	10.000		57%	95%	-1.31
	Apr	28.90	15.00	0.00	10.000		52%	87%	-3.90
	May	29.42	15.00	0.00	10.000		51%	85%	-4.42

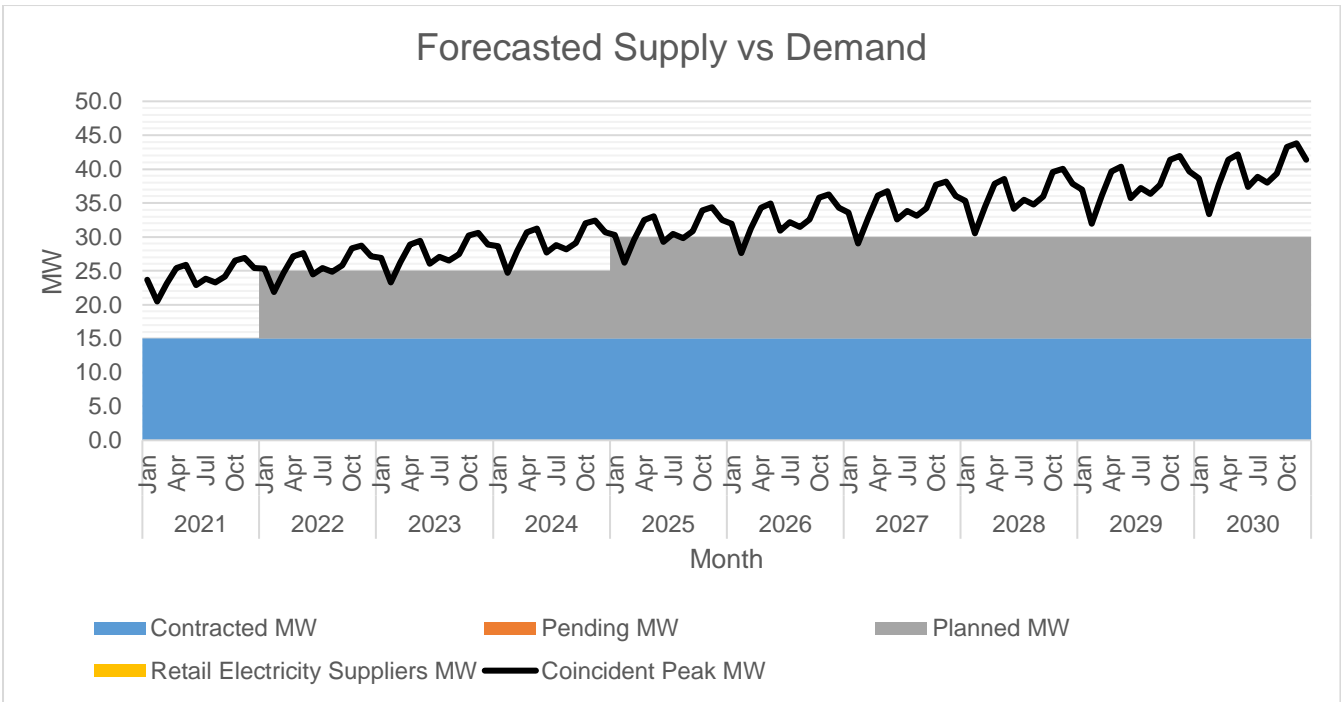


	Jun	26.06	15.00	0.00	10.000		58%	96%	-1.06
	Jul	27.10	15.00	0.00	10.000		55%	92%	-2.10
	Aug	26.51	15.00	0.00	10.000		57%	94%	-1.51
	Sep	27.44	15.00	0.00	10.000		55%	91%	-2.44
	Oct	30.19	15.00	0.00	10.000		50%	83%	-5.19
	Nov	30.56	15.00	0.00	10.000		49%	82%	-5.56
	Dec	28.89	15.00	0.00	10.000		52%	87%	-3.89
2024	Jan	28.60	15.00	0.00	10.000		52%	87%	-3.60
	Feb	24.72	15.00	0.00	10.000		61%	101%	0.28
	Mar	27.93	15.00	0.00	10.000		54%	89%	-2.93
	Apr	30.69	15.00	0.00	10.000		49%	81%	-5.69
	May	31.24	15.00	0.00	10.000		48%	80%	-6.24
	Jun	27.67	15.00	0.00	10.000		54%	90%	-2.67
	Jul	28.77	15.00	0.00	10.000		52%	87%	-3.77
	Aug	28.15	15.00	0.00	10.000		53%	89%	-3.15
	Sep	29.14	15.00	0.00	10.000		51%	86%	-4.14
	Oct	32.05	15.00	0.00	10.000		47%	78%	-7.05
	Nov	32.45	15.00	0.00	10.000		46%	77%	-7.45
	Dec	30.68	15.00	0.00	10.000		49%	81%	-5.68
2025	Jan	30.28	15.00	0.00	15.000		50%	99%	-0.27
	Feb	26.16	15.00	0.00	15.000		57%	115%	3.84
	Mar	29.57	15.00	0.00	15.000		51%	101%	0.43
	Apr	32.48	15.00	0.00	15.000		46%	92%	-2.48
	May	33.07	15.00	0.00	15.000		45%	91%	-3.07
	Jun	29.29	15.00	0.00	15.000		51%	102%	0.71
	Jul	30.46	15.00	0.00	15.000		49%	98%	-0.46
	Aug	29.80	15.00	0.00	15.000		50%	101%	0.20
	Sep	30.84	15.00	0.00	15.000		49%	97%	-0.84
	Oct	33.93	15.00	0.00	15.000		44%	88%	-3.93
	Nov	34.35	15.00	0.00	15.000		44%	87%	-4.35
	Dec	32.47	15.00	0.00	15.000		46%	92%	-2.47
2026	Jan	31.95	15.00	0.00	15.000		47%	94%	-1.95
	Feb	27.61	15.00	0.00	15.000		54%	109%	2.39
	Mar	31.21	15.00	0.00	15.000		48%	96%	-1.21
	Apr	34.28	15.00	0.00	15.000		44%	88%	-4.28

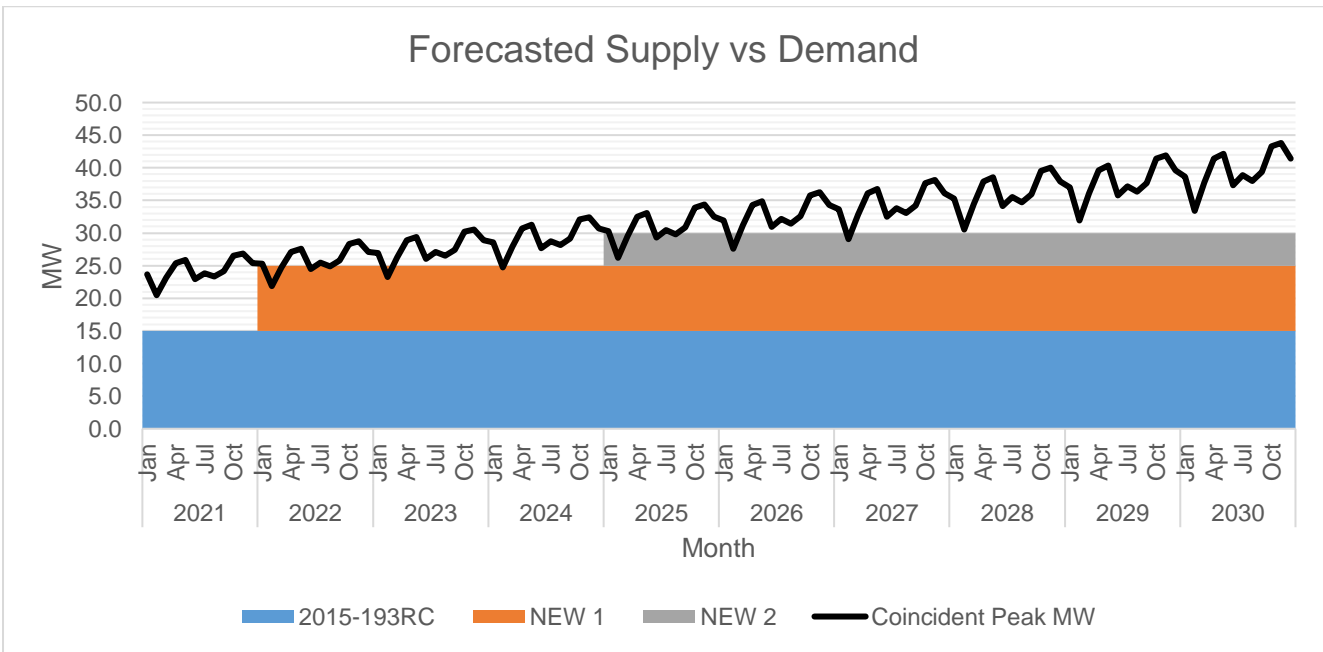
	May	34.90	15.00	0.00	15.000		43%	86%	-4.90
	Jun	30.92	15.00	0.00	15.000		49%	97%	-0.91
	Jul	32.15	15.00	0.00	15.000		47%	93%	-2.15
	Aug	31.45	15.00	0.00	15.000		48%	95%	-1.45
	Sep	32.55	15.00	0.00	15.000		46%	92%	-2.55
	Oct	35.81	15.00	0.00	15.000		42%	84%	-5.81
	Nov	36.25	15.00	0.00	15.000		41%	83%	-6.25
	Dec	34.27	15.00	0.00	15.000		44%	88%	-4.27
2027	Jan	33.63	15.00	0.00	15.000		45%	89%	-3.63
	Feb	29.06	15.00	0.00	15.000		52%	103%	0.94
	Mar	32.84	15.00	0.00	15.000		46%	91%	-2.84
	Apr	36.08	15.00	0.00	15.000		42%	83%	-6.08
	May	36.73	15.00	0.00	15.000		41%	82%	-6.73
	Jun	32.54	15.00	0.00	15.000		46%	92%	-2.54
	Jul	33.83	15.00	0.00	15.000		44%	89%	-3.83
	Aug	33.10	15.00	0.00	15.000		45%	91%	-3.10
	Sep	34.25	15.00	0.00	15.000		44%	88%	-4.25
	Oct	37.68	15.00	0.00	15.000		40%	80%	-7.68
	Nov	38.15	15.00	0.00	15.000		39%	79%	-8.15
	Dec	36.07	15.00	0.00	15.000		42%	83%	-6.07
2028	Jan	35.30	15.00	0.00	15.000		42%	85%	-5.30
	Feb	30.50	15.00	0.00	15.000		49%	98%	-0.50
	Mar	34.47	15.00	0.00	15.000		44%	87%	-4.47
	Apr	37.87	15.00	0.00	15.000		40%	79%	-7.87
	May	38.55	15.00	0.00	15.000		39%	78%	-8.55
	Jun	34.15	15.00	0.00	15.000		44%	88%	-4.15
	Jul	35.51	15.00	0.00	15.000		42%	84%	-5.51
	Aug	34.74	15.00	0.00	15.000		43%	86%	-4.74
	Sep	35.96	15.00	0.00	15.000		42%	83%	-5.96
	Oct	39.55	15.00	0.00	15.000		38%	76%	-9.55
	Nov	40.05	15.00	0.00	15.000		37%	75%	-10.05
	Dec	37.86	15.00	0.00	15.000		40%	79%	-7.86
2029	Jan	36.96	15.00	0.00	15.000		41%	81%	-6.96
	Feb	31.94	15.00	0.00	15.000		47%	94%	-1.94
	Mar	36.10	15.00	0.00	15.000		42%	83%	-6.10

	Apr	39.65	15.00	0.00	15.000		38%	76%	-9.65
	May	40.36	15.00	0.00	15.000		37%	74%	-10.36
	Jun	35.76	15.00	0.00	15.000		42%	84%	-5.76
	Jul	37.18	15.00	0.00	15.000		40%	81%	-7.18
	Aug	36.37	15.00	0.00	15.000		41%	82%	-6.37
	Sep	37.65	15.00	0.00	15.000		40%	80%	-7.65
	Oct	41.41	15.00	0.00	15.000		36%	72%	-11.41
	Nov	41.93	15.00	0.00	15.000		36%	72%	-11.93
	Dec	39.64	15.00	0.00	15.000		38%	76%	-9.64
2030	Jan	38.61	15.00	0.00	15.000		39%	78%	-8.61
	Feb	33.36	15.00	0.00	15.000		45%	90%	-3.36
	Mar	37.71	15.00	0.00	15.000		40%	80%	-7.71
	Apr	41.42	15.00	0.00	15.000		36%	72%	-11.42
	May	42.17	15.00	0.00	15.000		36%	71%	-12.17
	Jun	37.35	15.00	0.00	15.000		40%	80%	-7.35
	Jul	38.84	15.00	0.00	15.000		39%	77%	-8.84
	Aug	38.00	15.00	0.00	15.000		39%	79%	-8.00
	Sep	39.33	15.00	0.00	15.000		38%	76%	-9.33
	Oct	43.26	15.00	0.00	15.000		35%	69%	-13.26
	Nov	43.80	15.00	0.00	15.000		34%	68%	-13.80
	Dec	41.41	15.00	0.00	15.000		36%	72%	-11.41

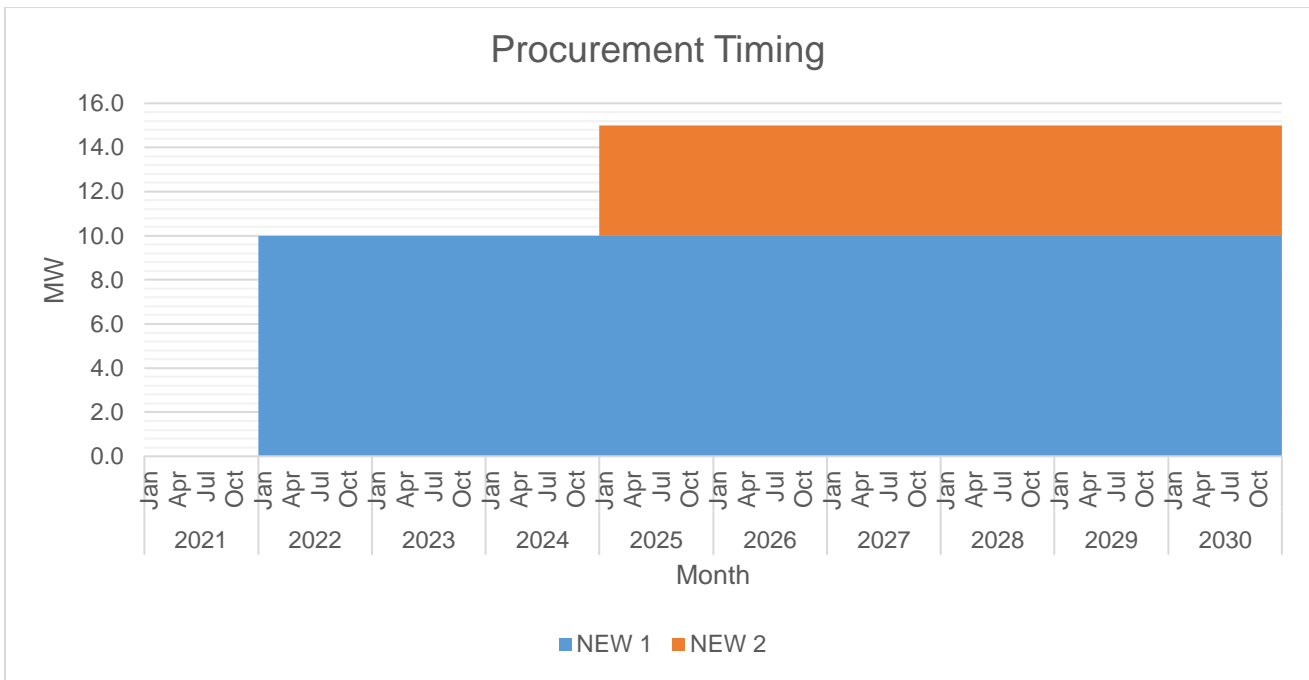
The Peak Demand was forecasted using Cubic and Logarithmic Trending with Smoothing and Horizon Model and was assumed to occur on the month of May due to the high demand for electricity during summer season and November due to the Harvest Season because industrial loads on this particular month will commence their milling season. Monthly Peak Demand is at its lowest on the month of February due to the low demand for air-conditioning of residential customers and low demand of industrial facilities during this month. In general, Peak Demand is expected to grow at a rate of 5% annually.



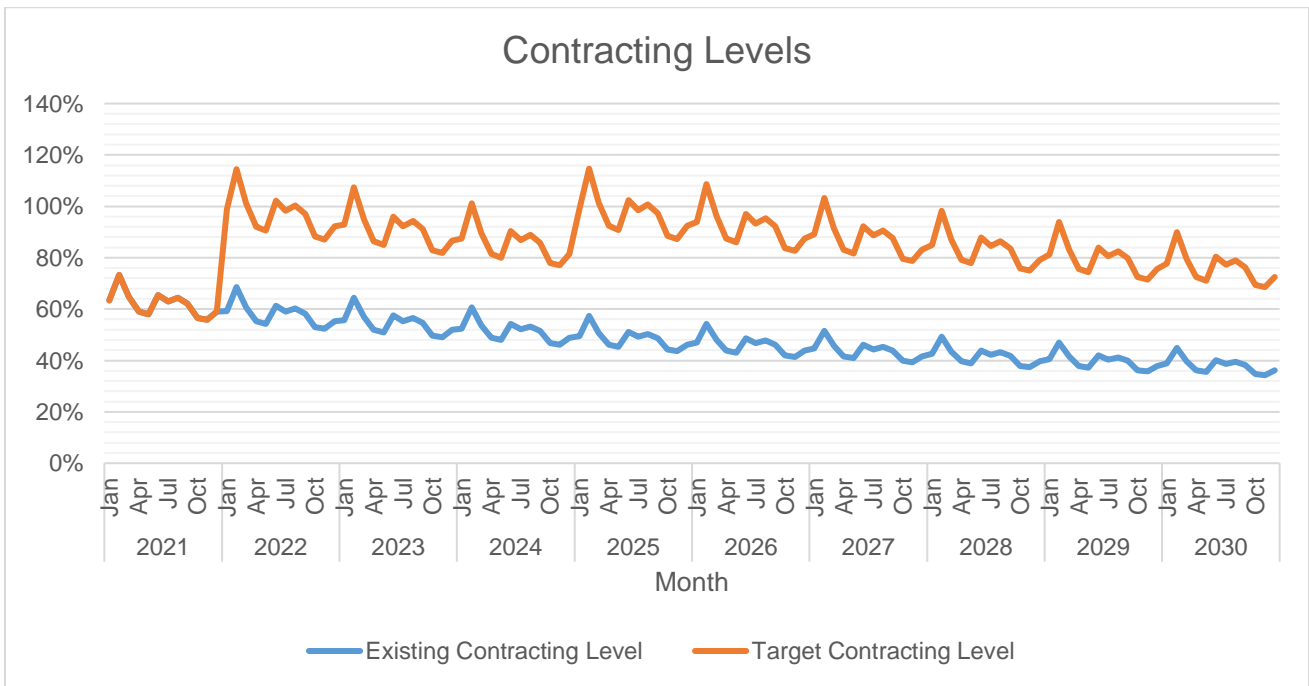
The available supply is generally below the Peak Demand in this representation. The proposal in this plan will be subject for further analysis and distribution impact study due to the expected large spot loads in the next few years.



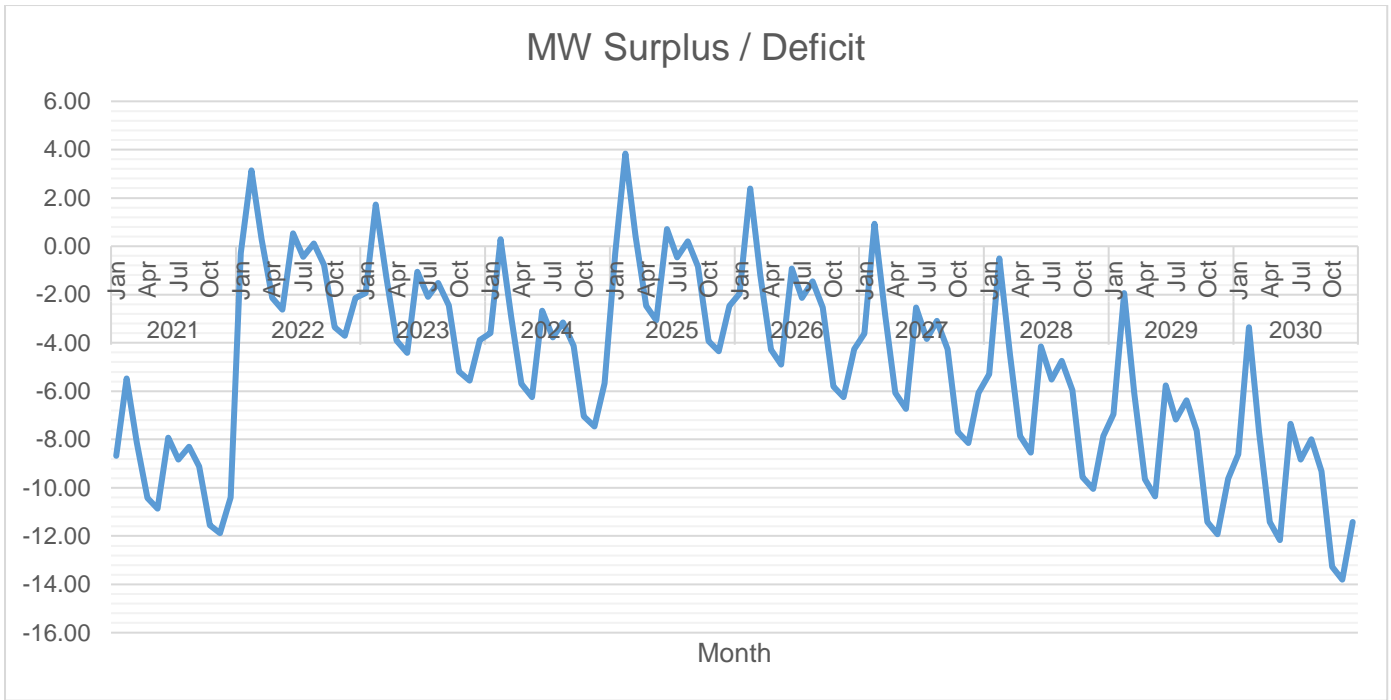
Of the available supply, the largest is 15 MW from 2015-193RC. This is followed by the proposed 10MW from a PSA temporarily named "NEW 1" which will be expected to take effect on year 2022 or maybe early 2023.



The first wave of supply procurement will be for 10 MW planned to be available by the month of January 2022. This will be followed by a proposed 5MW on January 2025. Both new PSA are preferred to be renewable energy sources to also comply with the RPS requirements.



Currently, there is under-contracting by 37% in which energy consumption will be expected to be filled up by WESM share. The highest target contracting level is 115% which is expected to occur on February 2025. The lowest target contracting level is 82% which is expected to occur on May 2024 but will be corrected by a new PSA by 2025. Again, this proposal will still be subject for further analysis and detailed planning.



Currently, there is under-contacting by up to -8.69 MW on the year 2021. The highest deficit amounting to -11.88 MW which is expected to occur on the month of November 2021. The lowest deficit is -4.90 MW which is expected to occur on the month of May 2026 due to the effectivity of a proposed PSA.

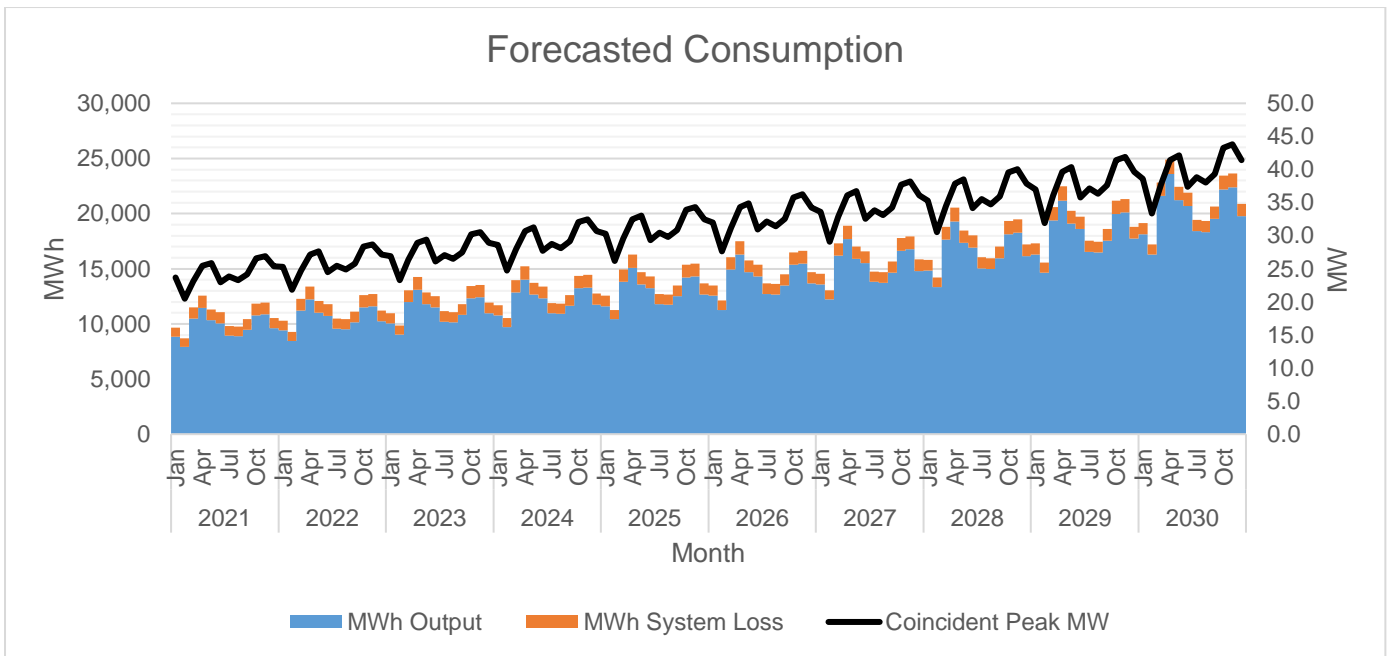
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2021	Jan	8,800	8,816	855	-9.90%	8.84%
	Feb	8,800	7,922	769	1.24%	8.84%
	Mar	8,800	10,493	1,018	-30.81%	8.84%
	Apr	8,800	11,460	1,112	-42.86%	8.84%
	May	8,800	10,321	1,001	-28.66%	8.84%
	Jun	8,800	10,064	976	-25.46%	8.84%
	Jul	8,800	8,947	868	-11.53%	8.84%
	Aug	8,800	8,904	864	-10.99%	8.84%
	Sep	8,800	9,488	920	-18.28%	8.84%
	Oct	8,800	10,793	1,047	-34.55%	8.84%
	Nov	8,800	10,867	1,054	-35.46%	8.84%
	Dec	8,800	9,598	931	-19.65%	8.84%
2022	Jan	14,080	9,403	906	26.79%	8.79%
	Feb	14,080	8,450	814	34.21%	8.79%
	Mar	14,080	11,192	1,078	12.85%	8.79%
	Apr	14,080	12,223	1,177	4.83%	8.79%
	May	14,080	11,008	1,060	14.28%	8.79%
	Jun	14,080	10,734	1,034	16.42%	8.79%
	Jul	14,080	9,542	919	25.70%	8.79%
	Aug	14,080	9,496	915	26.06%	8.79%
	Sep	14,080	10,120	975	21.20%	8.79%
	Oct	14,080	11,512	1,109	10.36%	8.79%
	Nov	14,080	11,590	1,116	9.75%	8.79%
	Dec	14,080	10,237	986	20.29%	8.79%
2023	Jan	14,316	10,061	911	23.36%	8.30%

	Feb	14,316	9,041	819	31.13%	8.30%
	Mar	14,316	11,976	1,084	8.77%	8.30%
	Apr	14,316	13,079	1,184	0.37%	8.30%
	May	14,316	11,779	1,067	10.27%	8.30%
	Jun	14,316	11,486	1,040	12.51%	8.30%
	Jul	14,316	10,210	925	22.22%	8.30%
	Aug	14,316	10,161	920	22.59%	8.30%
	Sep	14,316	10,828	980	17.51%	8.30%
	Oct	14,316	12,318	1,115	6.16%	8.30%
	Nov	14,316	12,402	1,123	5.53%	8.30%
	Dec	14,316	10,954	992	16.56%	8.30%
2024	Jan	14,640	10,795	917	20.00%	7.83%
	Feb	14,640	9,701	824	28.11%	7.83%
	Mar	14,640	12,849	1,092	4.77%	7.83%
	Apr	14,640	14,033	1,193	-4.00%	7.83%
	May	14,640	12,638	1,074	6.34%	7.83%
	Jun	14,640	12,323	1,047	8.67%	7.83%
	Jul	14,640	10,955	931	18.81%	7.83%
	Aug	14,640	10,902	927	19.20%	7.83%
	Sep	14,640	11,618	987	13.90%	7.83%
	Oct	14,640	13,217	1,123	2.05%	7.83%
	Nov	14,640	13,306	1,131	1.39%	7.83%
	Dec	14,640	11,753	999	12.90%	7.83%
2025	Jan	17,046	11,616	925	26.43%	7.38%
	Feb	17,046	10,438	831	33.89%	7.38%
	Mar	17,046	13,826	1,101	12.43%	7.38%
	Apr	17,046	15,099	1,202	4.37%	7.38%
	May	17,046	13,599	1,083	13.87%	7.38%
	Jun	17,046	13,260	1,056	16.01%	7.38%
	Jul	17,046	11,788	939	25.34%	7.38%
	Aug	17,046	11,731	934	25.70%	7.38%
	Sep	17,046	12,501	995	20.82%	7.38%
	Oct	17,046	14,221	1,132	9.93%	7.38%
	Nov	17,046	14,318	1,140	9.32%	7.38%
	Dec	17,046	12,646	1,007	19.90%	7.38%
2026	Jan	17,154	12,538	934	21.46%	6.93%
	Feb	17,154	11,268	839	29.42%	6.93%
	Mar	17,154	14,925	1,112	6.51%	6.93%
	Apr	17,154	16,299	1,214	-2.09%	6.93%
	May	17,154	14,679	1,094	8.05%	6.93%
	Jun	17,154	14,314	1,066	10.34%	6.93%
	Jul	17,154	12,725	948	20.30%	6.93%
	Aug	17,154	12,663	943	20.68%	6.93%
	Sep	17,154	13,494	1,005	15.47%	6.93%
	Oct	17,154	15,351	1,144	3.84%	6.93%
	Nov	17,154	15,455	1,151	3.19%	6.93%
	Dec	17,154	13,651	1,017	14.49%	6.93%
2027	Jan	17,262	13,593	946	15.77%	6.51%
	Feb	17,262	12,215	850	24.31%	6.51%
	Mar	17,262	16,180	1,126	-0.25%	6.51%

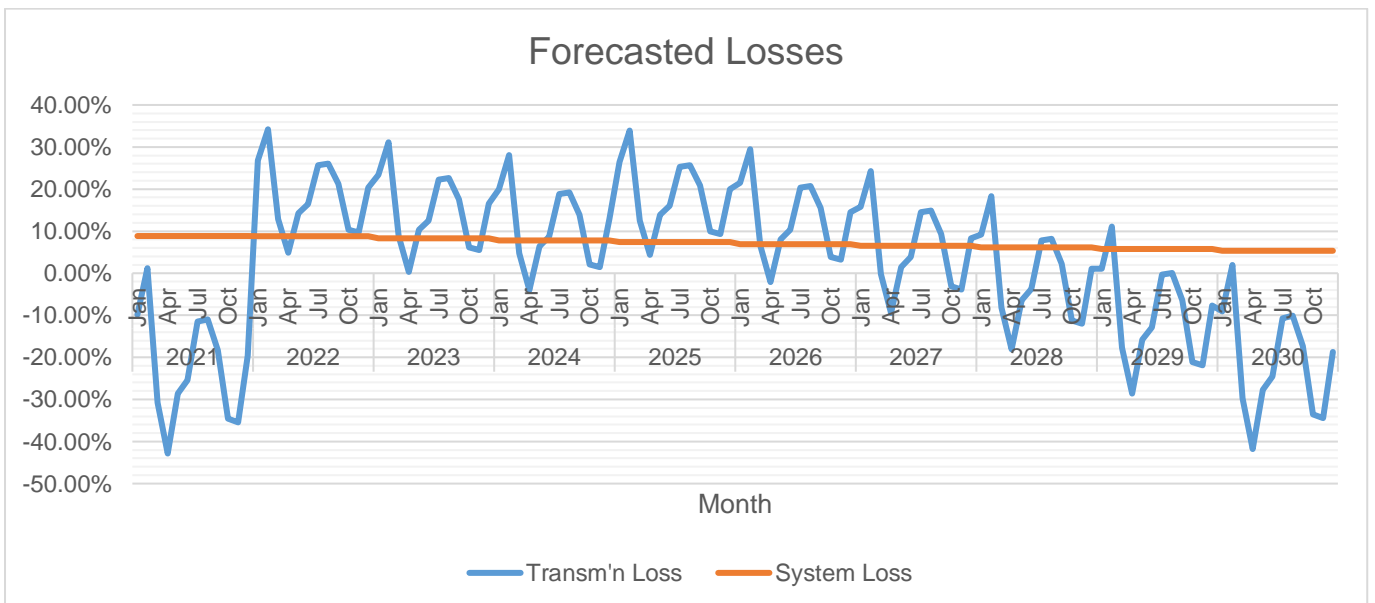
	Apr	17,262	17,670	1,230	-9.49%	6.51%
	May	17,262	15,914	1,108	1.39%	6.51%
	Jun	17,262	15,518	1,080	3.85%	6.51%
	Jul	17,262	13,795	960	14.52%	6.51%
	Aug	17,262	13,728	955	14.94%	6.51%
	Sep	17,262	14,629	1,018	9.35%	6.51%
	Oct	17,262	16,642	1,158	-3.12%	6.51%
	Nov	17,262	16,755	1,166	-3.82%	6.51%
	Dec	17,262	14,799	1,030	8.30%	6.51%
2028	Jan	17,370	14,823	963	9.12%	6.10%
	Feb	17,370	13,320	865	18.33%	6.10%
	Mar	17,370	17,644	1,146	-8.17%	6.10%
	Apr	17,370	19,268	1,251	-18.13%	6.10%
	May	17,370	17,354	1,127	-6.39%	6.10%
	Jun	17,370	16,921	1,099	-3.75%	6.10%
	Jul	17,370	15,043	977	7.77%	6.10%
	Aug	17,370	14,970	972	8.22%	6.10%
	Sep	17,370	15,953	1,036	2.20%	6.10%
	Oct	17,370	18,148	1,179	-11.26%	6.10%
	Nov	17,370	18,271	1,187	-12.02%	6.10%
	Dec	17,370	16,138	1,048	1.06%	6.10%
2029	Jan	17,479	16,301	987	1.09%	5.71%
	Feb	17,479	14,649	887	11.12%	5.71%
	Mar	17,479	19,404	1,175	-17.73%	5.71%
	Apr	17,479	21,190	1,283	-28.57%	5.71%
	May	17,479	19,085	1,155	-15.80%	5.71%
	Jun	17,479	18,609	1,127	-12.91%	5.71%
	Jul	17,479	16,543	1,002	-0.38%	5.71%
	Aug	17,479	16,464	997	0.11%	5.71%
	Sep	17,479	17,544	1,062	-6.45%	5.71%
	Oct	17,479	19,958	1,208	-21.10%	5.71%
	Nov	17,479	20,093	1,217	-21.92%	5.71%
	Dec	17,479	17,747	1,074	-7.68%	5.71%
2030	Jan	17,570	18,138	1,023	-9.05%	5.34%
	Feb	17,570	16,299	919	2.00%	5.34%
	Mar	17,570	21,590	1,217	-29.81%	5.34%
	Apr	17,570	23,578	1,329	-41.76%	5.34%
	May	17,570	21,235	1,197	-27.67%	5.34%
	Jun	17,570	20,706	1,167	-24.49%	5.34%
	Jul	17,570	18,407	1,038	-10.67%	5.34%
	Aug	17,570	18,319	1,033	-10.14%	5.34%
	Sep	17,570	19,521	1,100	-17.36%	5.34%
	Oct	17,570	22,207	1,252	-33.52%	5.34%
	Nov	17,570	22,357	1,260	-34.42%	5.34%
	Dec	17,570	19,747	1,113	-18.73%	5.34%

System Loss was calculated through a Load Flow Study and Forecasted using Cubic and Logarithmic Trending with Smoothing and Horizon Model. Based on the same study, the Distribution System can adequately convey electricity to customers.





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



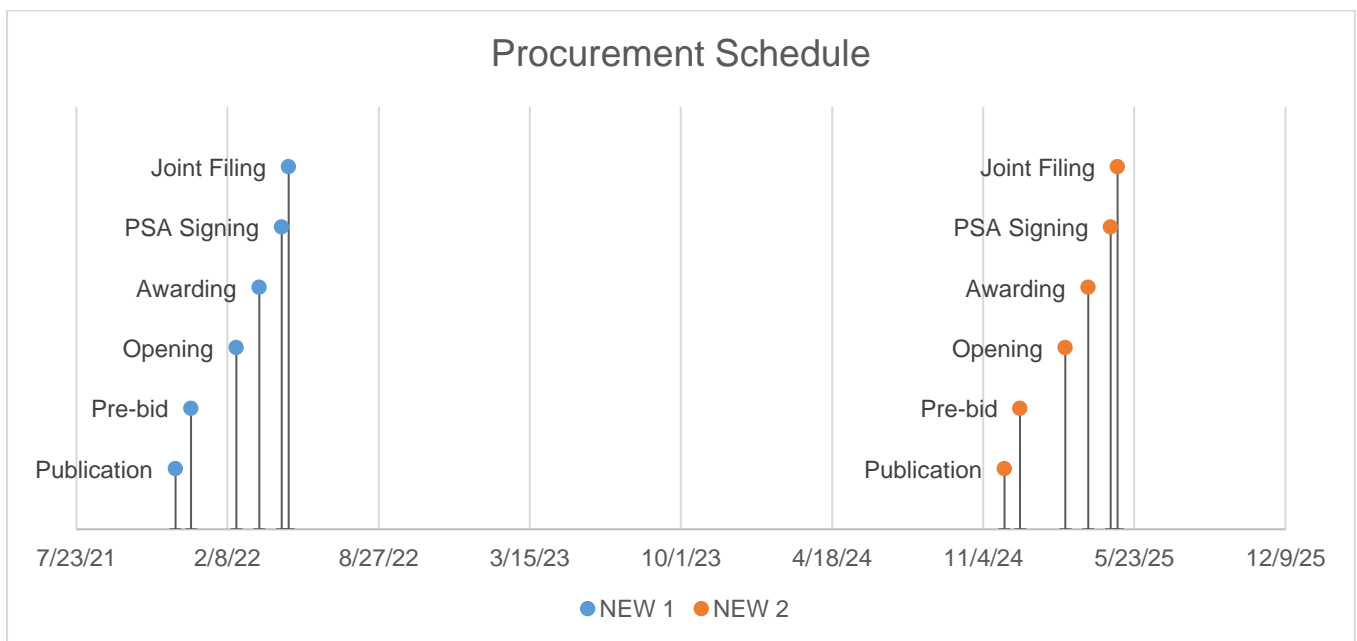
Transmission Loss is expected to range from 1.24% to 33.89% while System Loss is expected to range from 8.84% to 5.34%.

## Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2015-193RC	Base	Masinloc Power Partners Company, Ltd.	15.00	78,840	7/26/2019	7/25/2039

The PSA with Masinloc Power Partners Company, Ltd. filed with ERC under Case No. 2015-193RC was procured through Direct Contracting. It was selected to provide for base requirements. The actual billed overall monthly charge under the PSA ranged from 8.0827 P/kWh to 10.5168P/KWh in the same period.

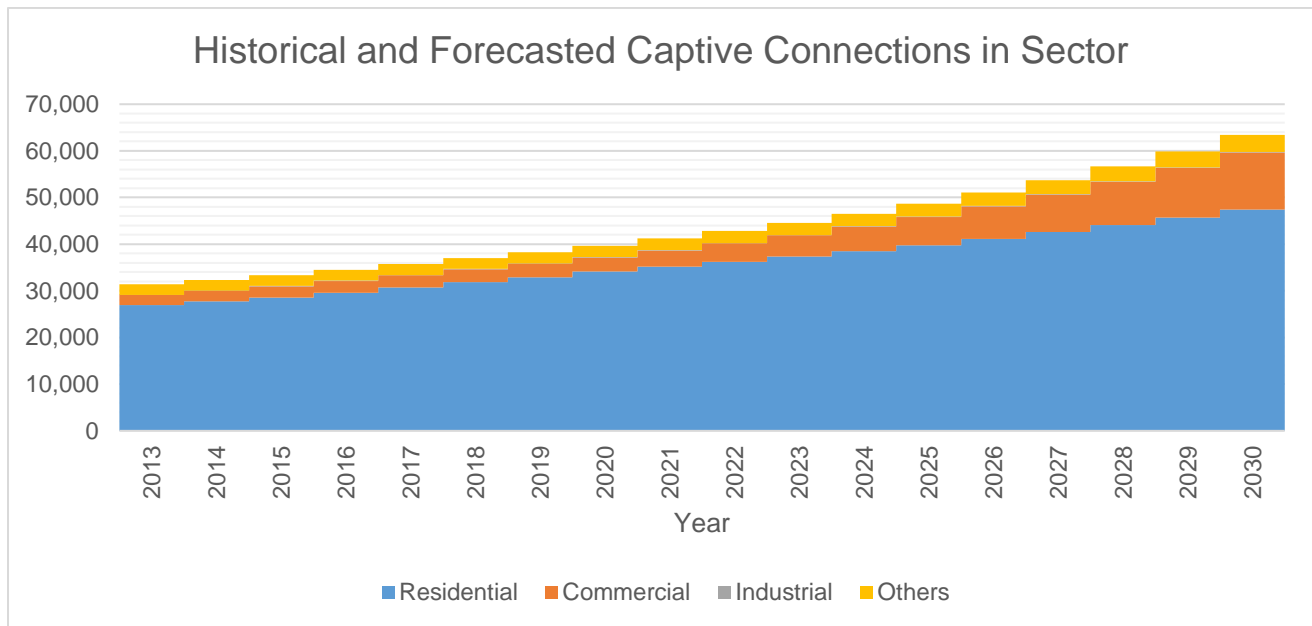
	NEW 1	NEW 2
Type	Base	Intermediate
Minimum MW	10.00	5.00
Minimum MWh/yr	52,560	26,280
PSA Start	1/25/2022	1/26/2025
PSA End	1/24/2039	1/25/2039
Publication	12/1/2021	12/2/2024
Pre-bid	12/22/2021	12/23/2024
Opening	2/20/2022	2/21/2025
Awarding	3/22/2022	3/23/2025
PSA Signing	4/21/2022	4/22/2025
Joint Filing	4/30/2022	5/1/2025



For the procurement of 10MW temporarily named “NEW 1” of supply which is planned to be available on 2022, the first publication or launch of CSP will be on 12/1/2021. Joint filing is planned on 4/30/2022, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

For the procurement of 5MW temporarily named “NEW 2” of supply which is planned to be available on 2025, the first publication or launch of CSP will be on 12/2/2024. Joint filing is planned on 05/01/2025, 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% annually. Said customer class is expected to account for 48% of the total consumption.