

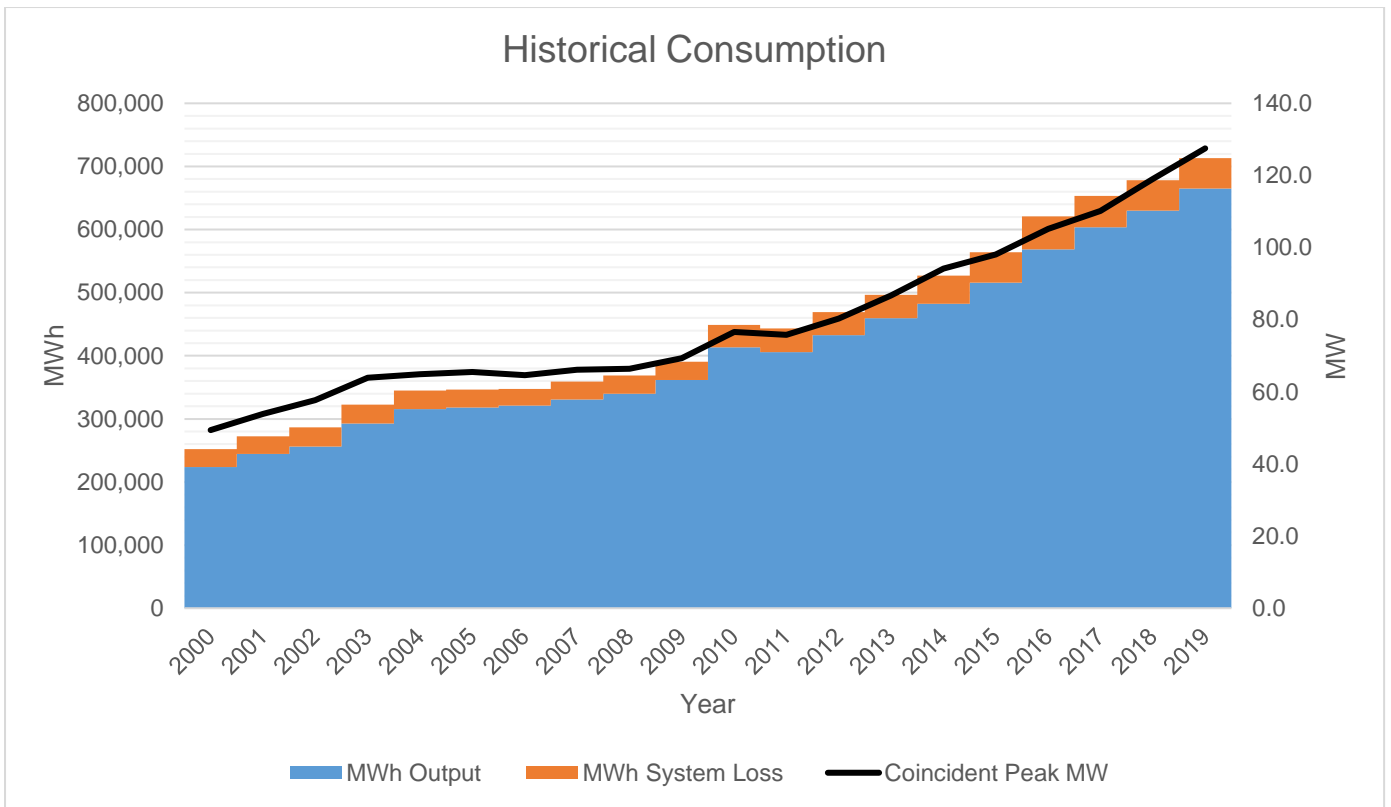
Power Supply Procurement Plan 2020

Angeles Electric Corporation

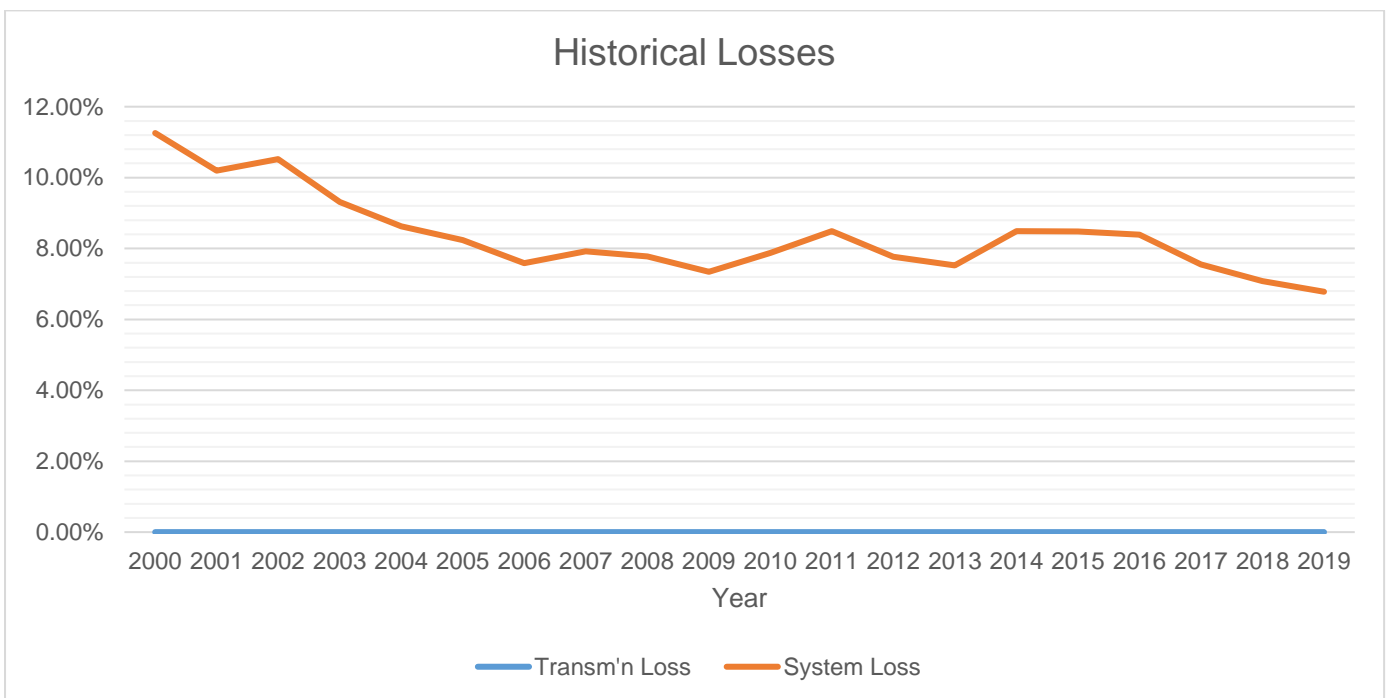
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	49.40	252,275	0	252,275	223,875	28,401	58%	0.00%	0.00%	11.26%
2001	53.90	272,264	0	272,264	244,503	27,760	58%	0.00%	0.00%	10.20%
2002	57.70	286,550	0	286,550	256,393	30,158	57%	0.00%	0.00%	10.52%
2003	63.90	322,805	0	322,805	292,733	30,072	58%	0.00%	0.00%	9.32%
2004	64.90	345,155	0	345,155	315,390	29,765	61%	0.00%	0.00%	8.62%
2005	65.50	346,617	0	346,617	318,079	28,538	60%	0.00%	0.00%	8.23%
2006	64.60	347,695	0	347,695	321,303	26,391	61%	0.00%	0.00%	7.59%
2007	66.10	358,906	0	358,906	330,467	28,439	62%	0.00%	0.00%	7.92%
2008	66.40	368,708	0	368,708	340,026	28,681	63%	0.00%	0.00%	7.78%
2009	69.30	390,541	0	390,541	361,867	28,674	64%	0.00%	0.00%	7.34%
2010	76.60	448,952	0	448,952	413,607	35,344	67%	0.00%	0.00%	7.87%
2011	75.80	443,140	0	443,140	405,535	37,605	67%	0.00%	0.00%	8.49%
2012	80.30	469,130	0	469,130	432,709	36,421	67%	0.00%	0.00%	7.76%
2013	86.70	496,696	28,302	496,696	459,344	37,352	65%	0.00%	0.00%	7.52%
2014	94.20	527,254	175,581	527,254	482,472	44,782	64%	0.00%	0.00%	8.49%
2015	98.06	563,879	123,017	563,879	516,045	47,834	66%	0.00%	0.00%	8.48%
2016	105.20	620,675	84,226	620,675	568,600	52,075	67%	0.00%	0.00%	8.39%
2017	110.20	653,141	76,525	653,141	603,845	49,296	68%	0.00%	0.00%	7.55%
2018	119.00	677,955	126,993	677,955	629,940	48,016	65%	0.00%	0.00%	7.08%
2019	127.51	713,252	188,866	713,252	664,887	48,365	64%	0.00%	0.00%	6.78%

Peak Demand increased from 49.4 MW in year 2000 to 127.51 MW in 2019 at a rate of 5.18%. On the other hand, MWh Offtake increased at an average rate of 5.69% for the same period. Within the same period, Load Factor ranged from 58% to 68%. There was a large spike in consumption in years 2010 and 2016 as these were characterized by abnormally warm temperature in the summer primarily brought about by the El Nino Phenomenon.

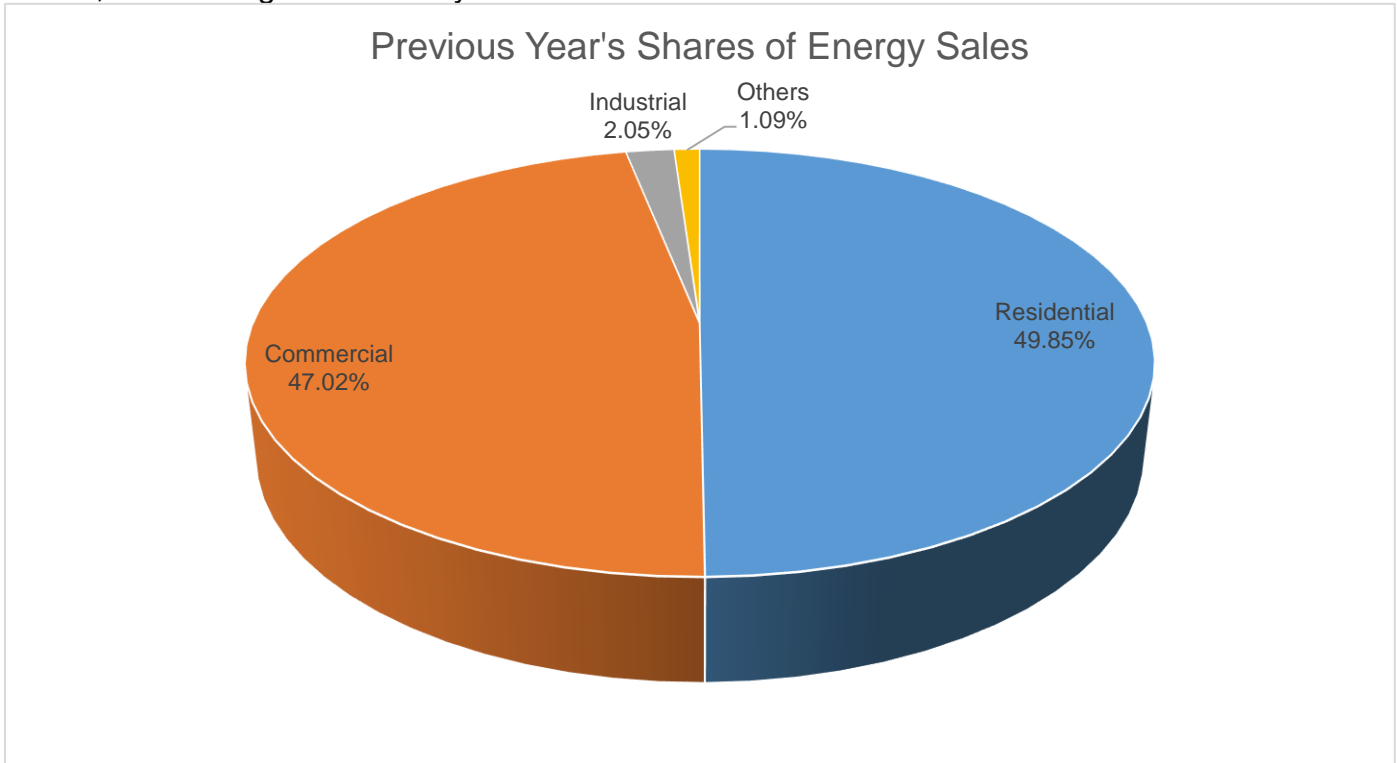


MWh Output increased from year 2000 to year 2019 at a rate of 5.97%, while MWh System Loss only increased at a rate of 3.13% within the same period.

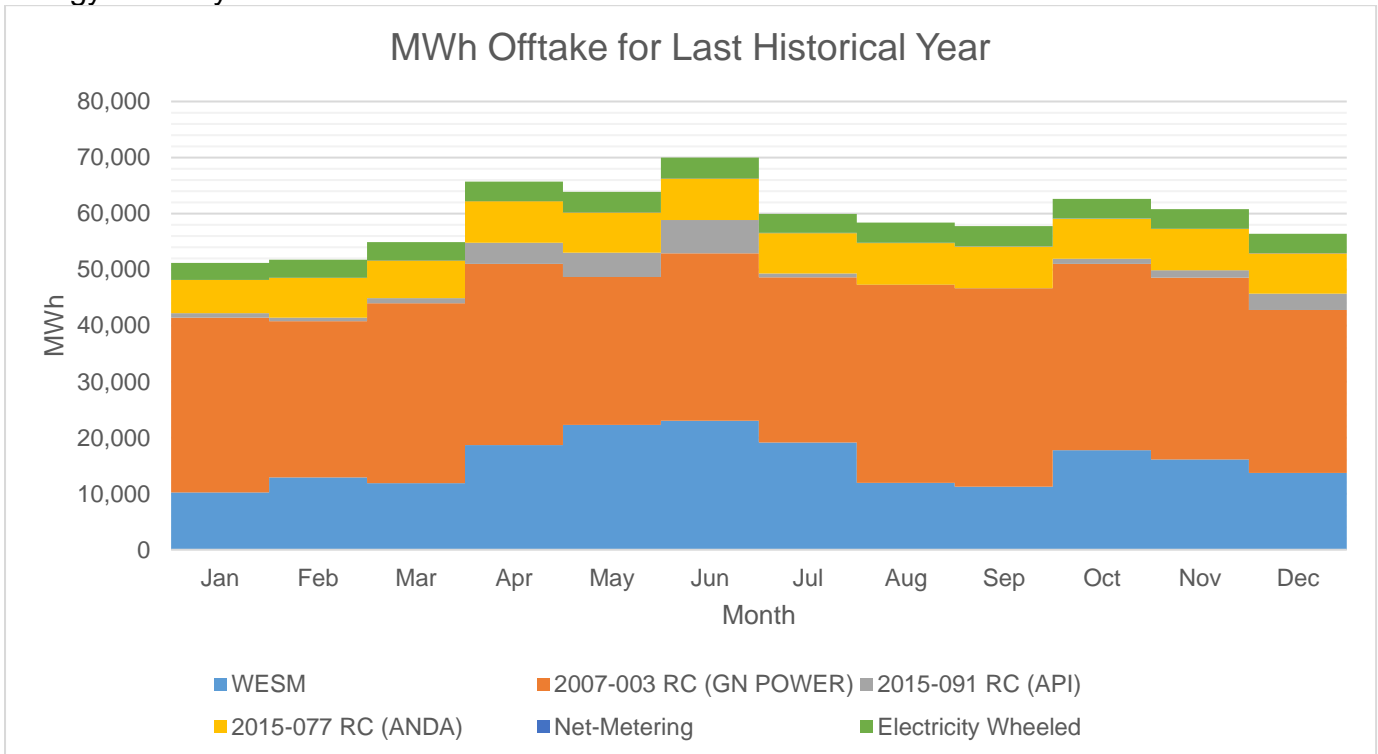


Historically, System Loss ranged from 6.78% to 11.26%. System Loss was highest at 11.26% in year 2000 which prompted AEC to implement more stringent technical and non-technical loss-reduction schemes. Starting year 2017, AEC filed applications to ERC and implemented capital expenditure (capex) projects to address system losses in view of the provisions of ERC Resolution No. 20, Series of 2017. Some capex implemented are reconductoring projects, purchase of lower core-loss amorphous distribution transformers, and replacement of electromechanical kilowatt-hour meters with electronic meters. These helped in the gradual reduction of distribution system

losses, culminating at 6.78% in year 2019.

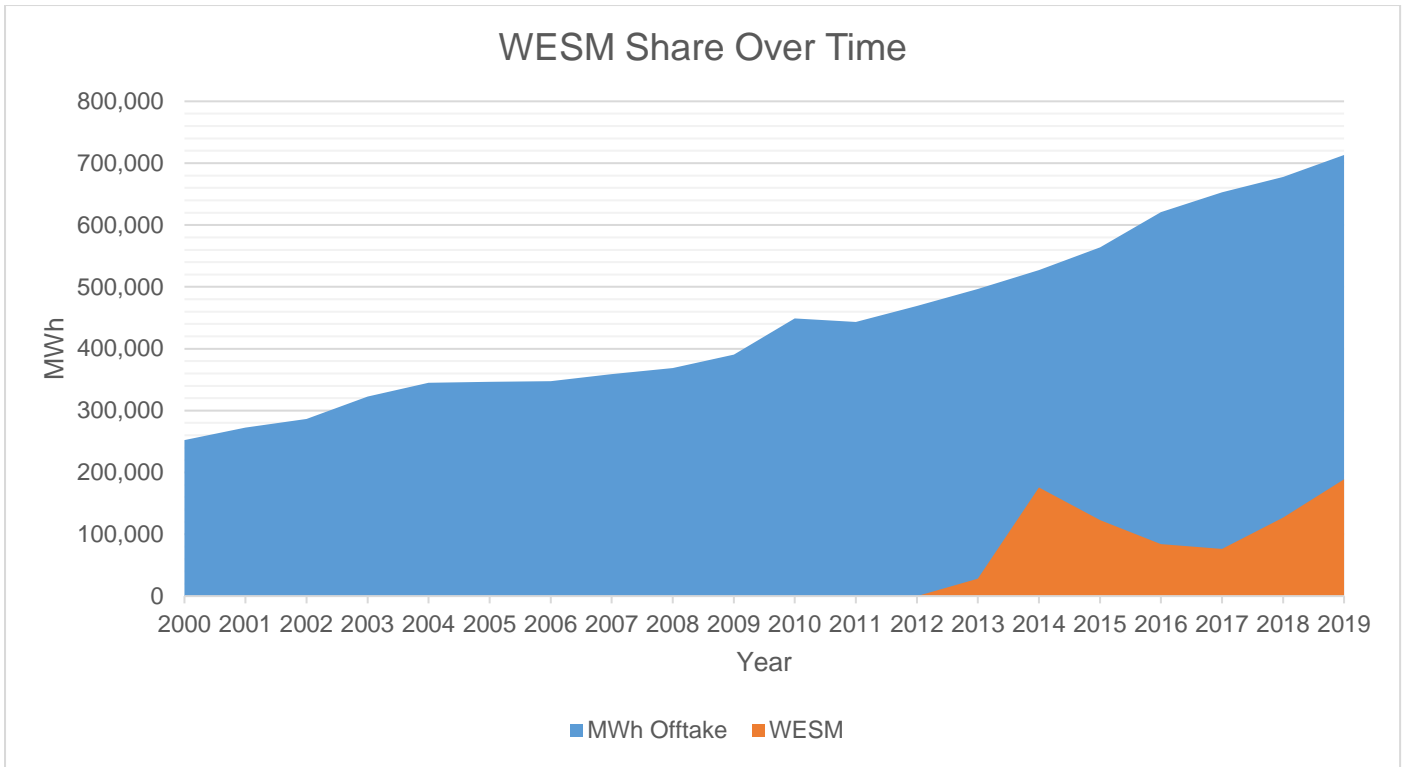


Residential and commercial customers account for the bulk of energy sales at 49.85% and 47.02%, respectively. Residential energy sales are high because about 88% of AEC’s customers are residential. Commercial customers energy sales are high because of their relatively high energy intensity.



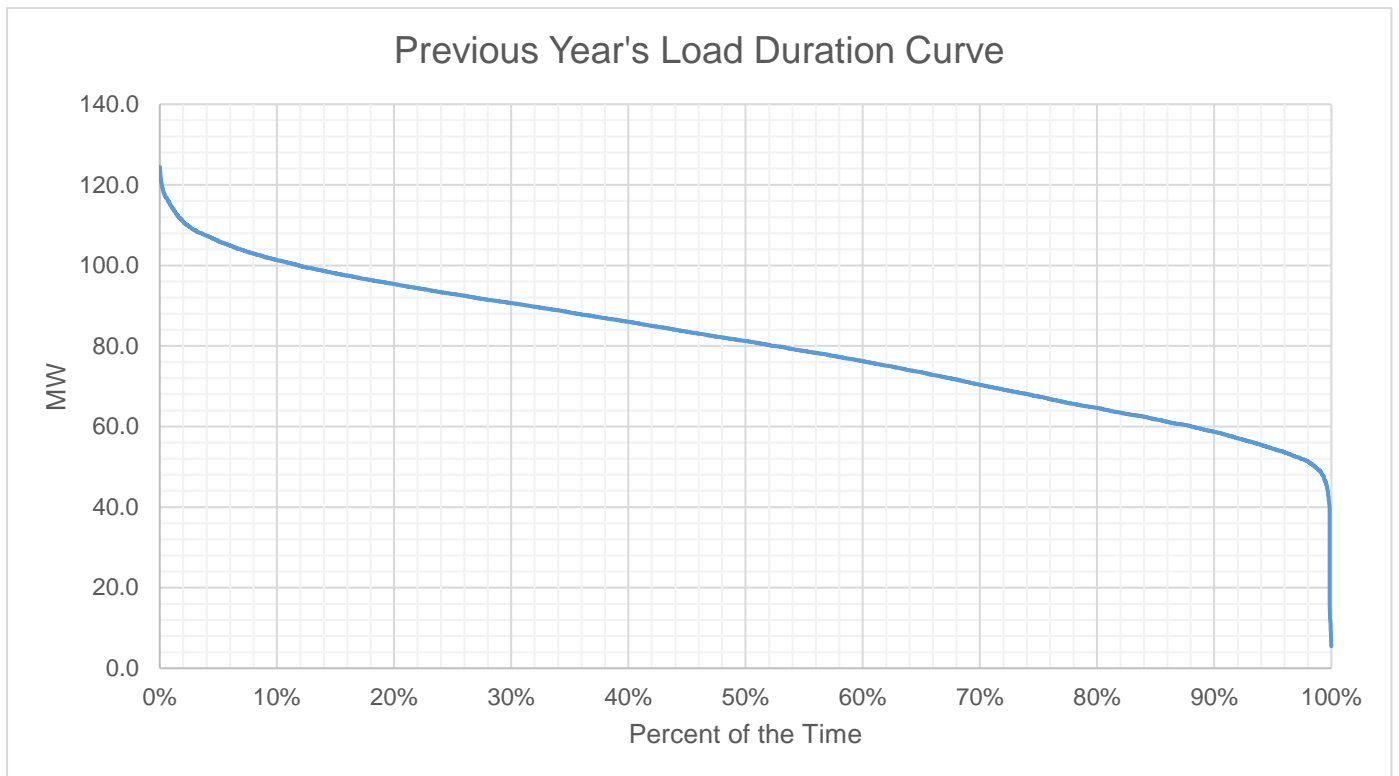
The PSA with GN Power of 374,950 MWh (or 53%) accounted for the bulk of MWh Offtake for year 2019.

WESM Share Over Time

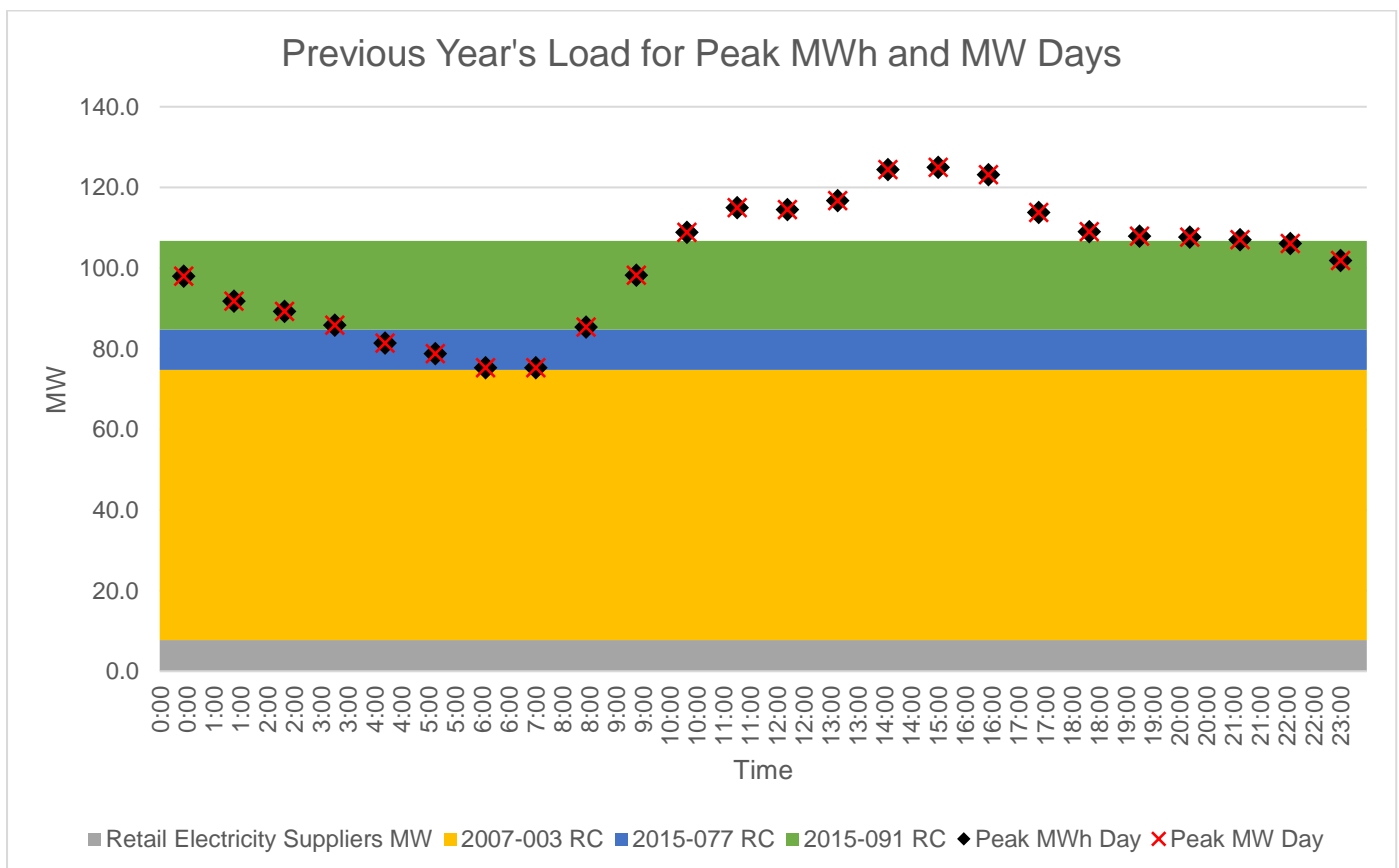


WESM Offtake started in year 2013. Offtake depends on the prevailing market price to ensure that AEC purchases in the least cost manner. For year 2019, AEC's WESM offtake was 188,866 MWh or about 26% of its total energy requirements. In year 2018, it was 126,993 kWh or about 19% of AEC's total energy requirements.

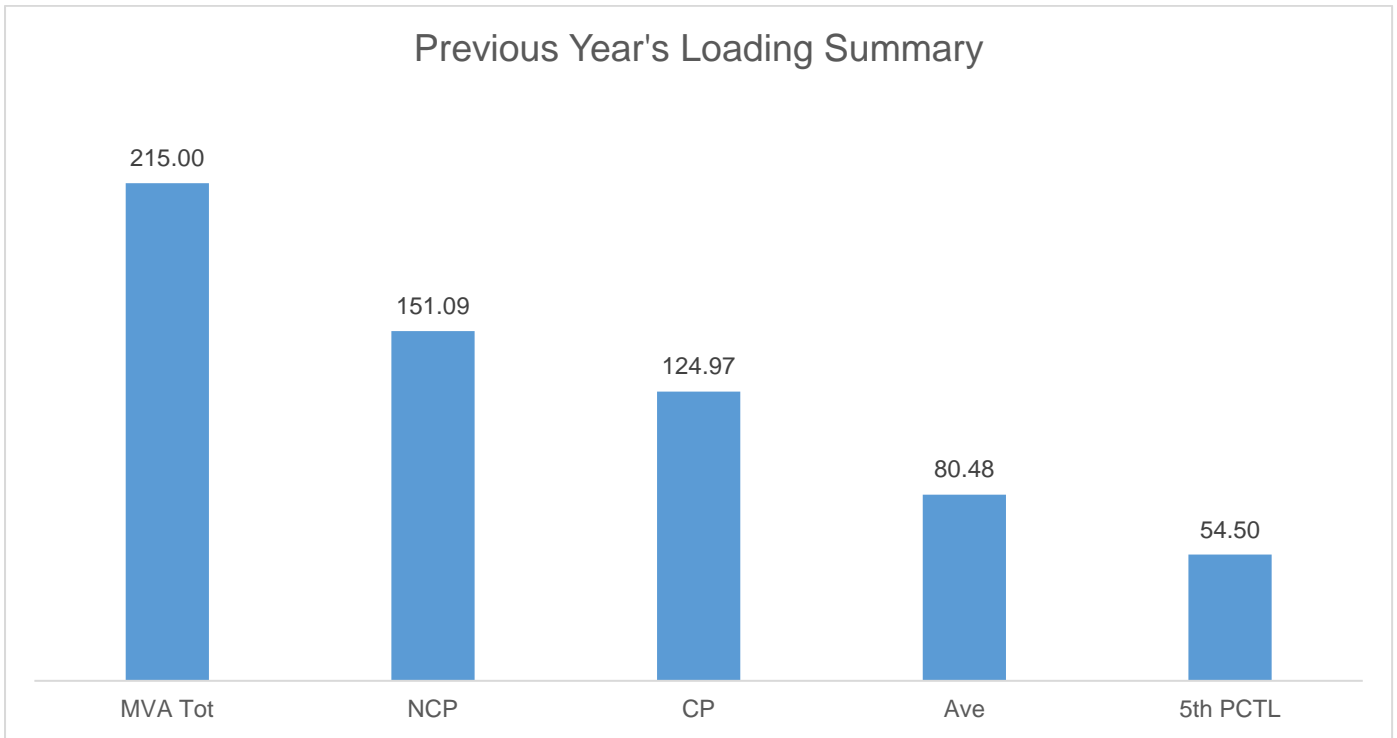
Previous Year's Load Profile



Based on the Aggregate Substation Load Duration Curve for 2019, the minimum load was 54.50 MW (5th PCTL) and the maximum load (CP) was 124.97 MW.



Peak Aggregate Substation Demand and Peak daily MWh both occurred on June 21, 2019. As shown in the Load Curves, the aggregate contracted supply is lower than the Peak Demand but was compensated through WESM offtake.



The Non-coincident Peak Demand is 151.09 MW, which is around 75% of the total substation capacity of 215 MVA at a power factor of 93.68%. The load factor or the ratio between the Average Load of 80.48 MW and the Coincident Peak Demand is 64.40% of. A safe estimate of the true minimum load is the fifth percentile load of 54.50 MW which is 43.61% of the Coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
MILENYO	35	32.382
CALIBU	40	30.174
PAMPANG	50	33.261
PETERSVILLE	40	35.832
NEPO CENTER	50	19.436

The substations loaded at above 70% will be deloaded with the uprating of Milenyo Substation from 35 MVA to 50 MVA (ERC Case No.2019-013 RC) and the reconfiguration of radial feeder lines to optimize the loading capacities of all substations particularly Nepo Center Substation.

Forecasted Consumption Data

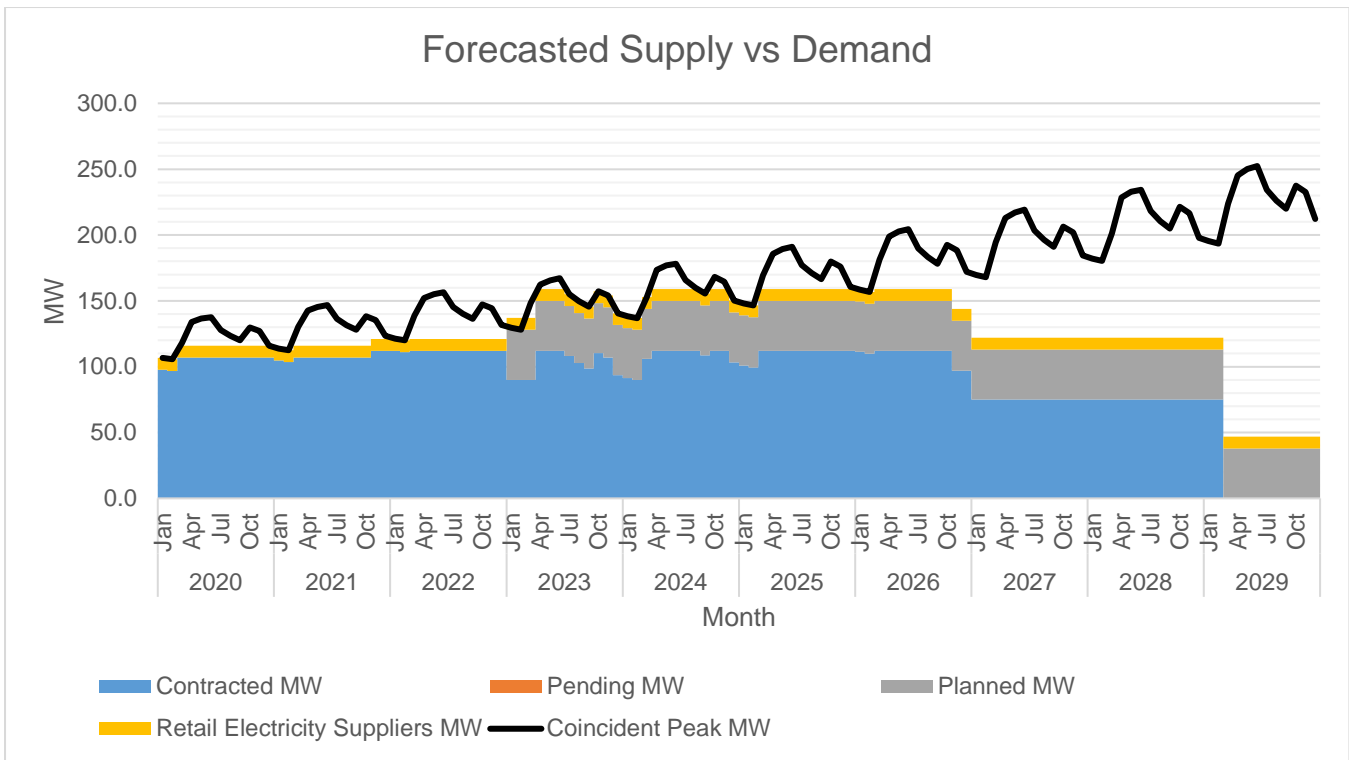
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2020	Jan	106.76	97.79	0.00	0.000	8.97	100%	100%	0.00
	Feb	105.70	96.73	0.00	0.000	8.97	100%	100%	0.00
	Mar	118.07	107.00	0.00	0.000	8.97	98%	98%	-2.10
	Apr	133.94	107.00	0.00	0.000	8.97	86%	86%	-17.97
	May	136.57	107.00	0.00	0.000	8.97	84%	84%	-20.59
	Jun	137.47	107.00	0.00	0.000	8.97	83%	83%	-21.50
	Jul	127.94	107.00	0.00	0.000	8.97	90%	90%	-11.96
	Aug	123.46	107.00	0.00	0.000	8.97	93%	93%	-7.49
	Sep	120.14	107.00	0.00	0.000	8.97	96%	96%	-4.17
	Oct	129.78	107.00	0.00	0.000	8.97	89%	89%	-13.81
	Nov	127.04	107.00	0.00	0.000	8.97	91%	91%	-11.06
	Dec	115.97	107.00	0.00	0.000	8.97	100%	100%	0.00
2021	Jan	113.72	104.75	0.00	0.000	8.97	100%	100%	0.00
	Feb	112.59	103.62	0.00	0.000	8.97	100%	100%	0.00
	Mar	130.26	107.00	0.00	0.000	8.97	88%	88%	-14.29
	Apr	142.67	107.00	0.00	0.000	8.97	80%	80%	-26.70
	May	145.46	107.00	0.00	0.000	8.97	78%	78%	-29.49
	Jun	146.83	107.00	0.00	0.000	8.97	78%	78%	-30.86
	Jul	136.27	107.00	0.00	0.000	8.97	84%	84%	-20.30
	Aug	131.50	107.00	0.00	0.000	8.97	87%	87%	-15.53
	Sep	127.97	107.00	0.00	0.000	8.97	90%	90%	-12.00
	Oct	138.23	107.00	0.00	0.000	8.97	83%	83%	-22.26
	Nov	135.31	112.00	0.00	0.000	8.97	89%	89%	-14.34
	Dec	123.52	112.00	0.00	0.000	8.97	98%	98%	-2.55
2022	Jan	121.25	112.00	0.00	0.000	8.97	100%	100%	-0.28
	Feb	120.05	111.08	0.00	0.000	8.97	100%	100%	0.00
	Mar	138.89	112.00	0.00	0.000	8.97	86%	86%	-17.92
	Apr	152.12	112.00	0.00	0.000	8.97	78%	78%	-31.15
	May	155.10	112.00	0.00	0.000	8.97	77%	77%	-34.13

	Jun	156.56	112.00	0.00	0.000	8.97	76%	76%	-35.59
	Jul	145.30	112.00	0.00	0.000	8.97	82%	82%	-24.33
	Aug	140.22	112.00	0.00	0.000	8.97	85%	85%	-19.25
	Sep	136.45	112.00	0.00	0.000	8.97	88%	88%	-15.48
	Oct	147.40	112.00	0.00	0.000	8.97	81%	81%	-26.42
	Nov	144.28	112.00	0.00	0.000	8.97	83%	83%	-23.30
	Dec	131.71	112.00	0.00	0.000	8.97	91%	91%	-10.74
2023	Jan	129.43	90.00	0.00	38.000	8.97	75%	106%	7.54
	Feb	128.15	90.00	0.00	38.000	8.97	76%	107%	8.82
	Mar	148.26	90.00	0.00	38.000	8.97	65%	92%	-11.29
	Apr	162.38	112.00	0.00	38.000	8.97	73%	98%	-3.41
	May	165.56	112.00	0.00	38.000	8.97	72%	96%	-6.59
	Jun	167.12	112.00	0.00	38.000	8.97	71%	95%	-8.15
	Jul	155.10	108.13	0.00	38.000	8.97	74%	100%	0.00
	Aug	149.68	102.71	0.00	38.000	8.97	73%	100%	0.00
	Sep	145.65	98.68	0.00	38.000	8.97	72%	100%	0.00
	Oct	157.34	110.37	0.00	38.000	8.97	74%	100%	0.00
	Nov	154.01	107.04	0.00	38.000	8.97	74%	100%	0.00
	Dec	140.60	93.63	0.00	38.000	8.97	71%	100%	0.00
2024	Jan	138.30	91.33	0.00	38.000	8.97	71%	100%	0.00
	Feb	136.93	90.00	0.00	38.000	8.97	70%	100%	0.05
	Mar	152.96	105.98	0.00	38.000	8.97	74%	100%	0.00
	Apr	173.51	112.00	0.00	38.000	8.97	68%	91%	-14.54
	May	176.91	112.00	0.00	38.000	8.97	67%	89%	-17.94
	Jun	178.09	112.00	0.00	38.000	8.97	66%	89%	-19.11
	Jul	165.73	112.00	0.00	38.000	8.97	71%	96%	-6.76
	Aug	159.94	112.00	0.00	38.000	8.97	74%	99%	-0.96
	Sep	155.63	108.66	0.00	38.000	8.97	74%	100%	0.00
	Oct	168.12	112.00	0.00	38.000	8.97	70%	94%	-9.15
	Nov	164.56	112.00	0.00	38.000	8.97	72%	96%	-5.59
	Dec	150.23	103.26	0.00	38.000	8.97	73%	100%	0.00
2025	Jan	147.93	100.96	0.00	38.000	8.97	73%	100%	0.00
	Feb	146.46	99.49	0.00	38.000	8.97	72%	100%	0.00
	Mar	169.45	112.00	0.00	38.000	8.97	70%	93%	-10.48
	Apr	185.59	112.00	0.00	38.000	8.97	63%	85%	-26.62

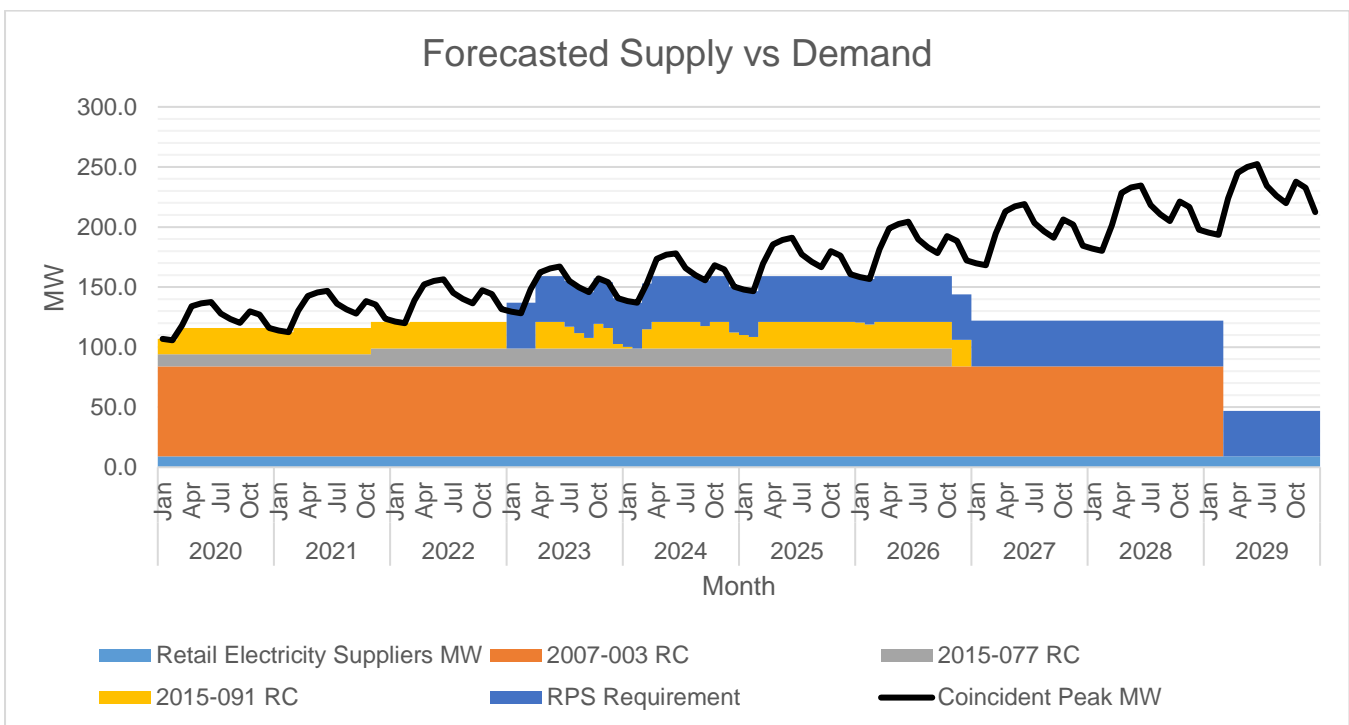
	May	189.23	112.00	0.00	38.000	8.97	62%	83%	-30.26
	Jun	191.01	112.00	0.00	38.000	8.97	62%	82%	-32.04
	Jul	177.27	112.00	0.00	38.000	8.97	67%	89%	-18.30
	Aug	171.07	112.00	0.00	38.000	8.97	69%	93%	-12.10
	Sep	166.47	112.00	0.00	38.000	8.97	71%	95%	-7.50
	Oct	179.83	112.00	0.00	38.000	8.97	66%	88%	-20.86
	Nov	176.02	112.00	0.00	38.000	8.97	67%	90%	-17.05
	Dec	160.69	112.00	0.00	38.000	8.97	74%	99%	-1.72
2026	Jan	158.39	111.41	0.00	38.000	8.97	75%	100%	0.00
	Feb	156.81	109.84	0.00	38.000	8.97	74%	100%	0.00
	Mar	181.42	112.00	0.00	38.000	8.97	65%	87%	-22.45
	Apr	198.71	112.00	0.00	38.000	8.97	59%	79%	-39.73
	May	202.60	112.00	0.00	38.000	8.97	58%	77%	-43.62
	Jun	204.50	112.00	0.00	38.000	8.97	57%	77%	-45.53
	Jul	189.80	112.00	0.00	38.000	8.97	62%	83%	-30.82
	Aug	183.16	112.00	0.00	38.000	8.97	64%	86%	-24.18
	Sep	178.23	112.00	0.00	38.000	8.97	66%	89%	-19.26
	Oct	192.53	112.00	0.00	38.000	8.97	61%	82%	-33.56
	Nov	188.46	97.00	0.00	38.000	8.97	54%	75%	-44.49
	Dec	172.05	97.00	0.00	38.000	8.97	59%	83%	-28.07
2027	Jan	169.74	75.00	0.00	38.000	8.97	47%	70%	-47.77
	Feb	168.05	75.00	0.00	38.000	8.97	47%	71%	-46.08
	Mar	194.42	75.00	0.00	38.000	8.97	40%	61%	-72.45
	Apr	212.95	75.00	0.00	38.000	8.97	37%	55%	-90.98
	May	217.12	75.00	0.00	38.000	8.97	36%	54%	-95.15
	Jun	219.16	75.00	0.00	38.000	8.97	36%	54%	-97.19
	Jul	203.40	75.00	0.00	38.000	8.97	39%	58%	-81.43
	Aug	196.28	75.00	0.00	38.000	8.97	40%	60%	-74.31
	Sep	191.01	75.00	0.00	38.000	8.97	41%	62%	-69.04
	Oct	206.33	75.00	0.00	38.000	8.97	38%	57%	-84.36
	Nov	201.97	75.00	0.00	38.000	8.97	39%	59%	-80.00
	Dec	184.38	75.00	0.00	38.000	8.97	43%	64%	-62.41
2028	Jan	182.06	75.00	0.00	38.000	8.97	43%	65%	-60.09
	Feb	180.26	75.00	0.00	38.000	8.97	44%	66%	-58.28
	Mar	201.35	75.00	0.00	38.000	8.97	39%	59%	-79.38

	Apr	228.42	75.00	0.00	38.000	8.97	34%	51%	-106.44
	May	232.89	75.00	0.00	38.000	8.97	33%	50%	-110.91
	Jun	234.43	75.00	0.00	38.000	8.97	33%	50%	-112.46
	Jul	218.17	75.00	0.00	38.000	8.97	36%	54%	-96.20
	Aug	210.54	75.00	0.00	38.000	8.97	37%	56%	-88.57
	Sep	204.88	75.00	0.00	38.000	8.97	38%	58%	-82.91
	Oct	221.32	75.00	0.00	38.000	8.97	35%	53%	-99.34
	Nov	216.63	75.00	0.00	38.000	8.97	36%	54%	-94.66
	Dec	197.77	75.00	0.00	38.000	8.97	40%	60%	-75.79
2029	Jan	195.45	75.00	0.00	38.000	8.97	40%	61%	-73.48
	Feb	193.51	75.00	0.00	38.000	8.97	41%	61%	-71.54
	Mar	223.88	0.00	0.00	38.000	8.97	0%	18%	-176.91
	Apr	245.21	0.00	0.00	38.000	8.97	0%	16%	-198.24
	May	250.01	0.00	0.00	38.000	8.97	0%	16%	-203.04
	Jun	252.37	0.00	0.00	38.000	8.97	0%	16%	-205.40
	Jul	234.22	0.00	0.00	38.000	8.97	0%	17%	-187.25
	Aug	226.03	0.00	0.00	38.000	8.97	0%	18%	-179.06
	Sep	219.95	0.00	0.00	38.000	8.97	0%	18%	-172.98
	Oct	237.59	0.00	0.00	38.000	8.97	0%	17%	-190.62
	Nov	232.57	0.00	0.00	38.000	8.97	0%	17%	-185.60
	Dec	212.31	0.00	0.00	38.000	8.97	0%	19%	-165.34

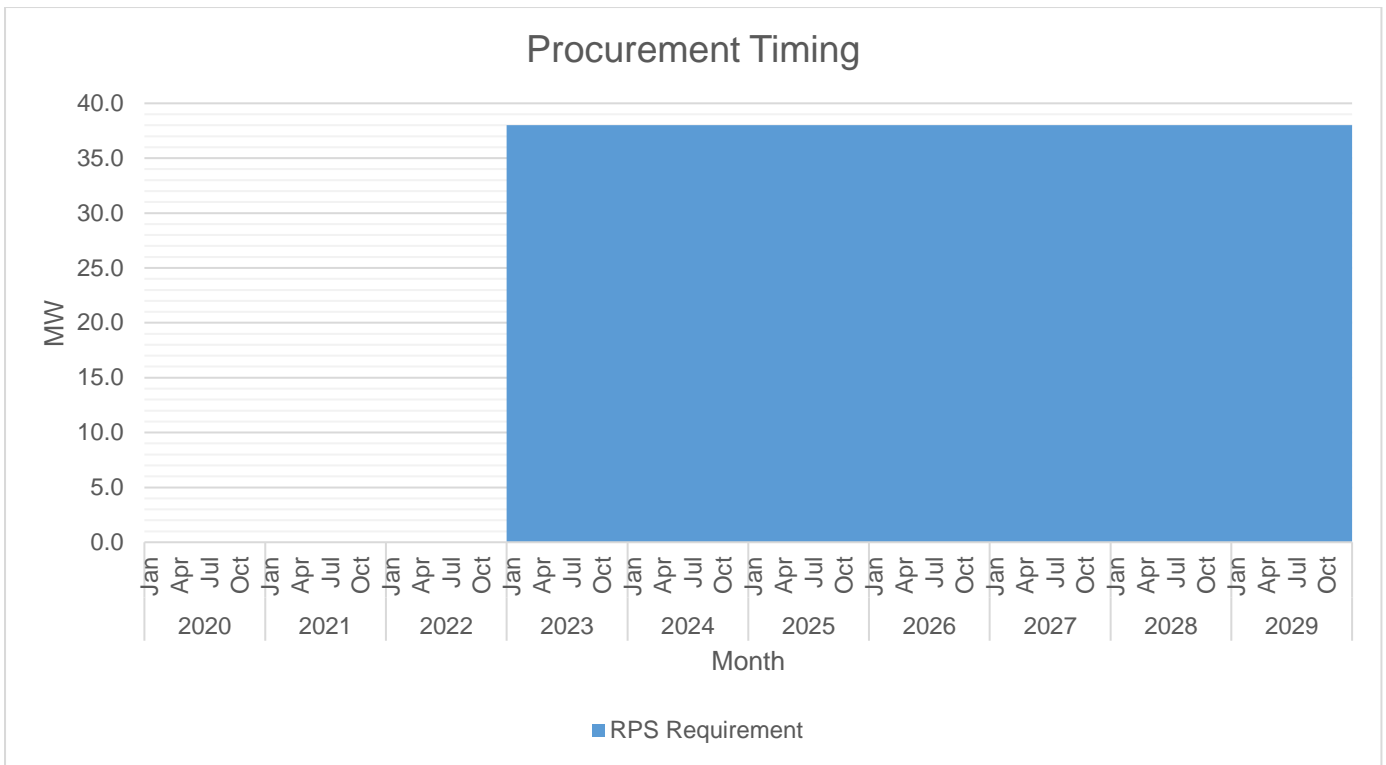
The Peak Demand was forecasted indirectly through regression analysis by using forecasted energy requirements and load factor. It was assumed to occur in the billing month of June just like the latest actual peak demand (year 2019). Monthly Peak Demand is at its lowest on the month of February as consumption wears off after the Christmas season and weather conditions do not require much air-conditioning loads. In general, Peak Demand is expected to grow at a rate of 7.07% annually.



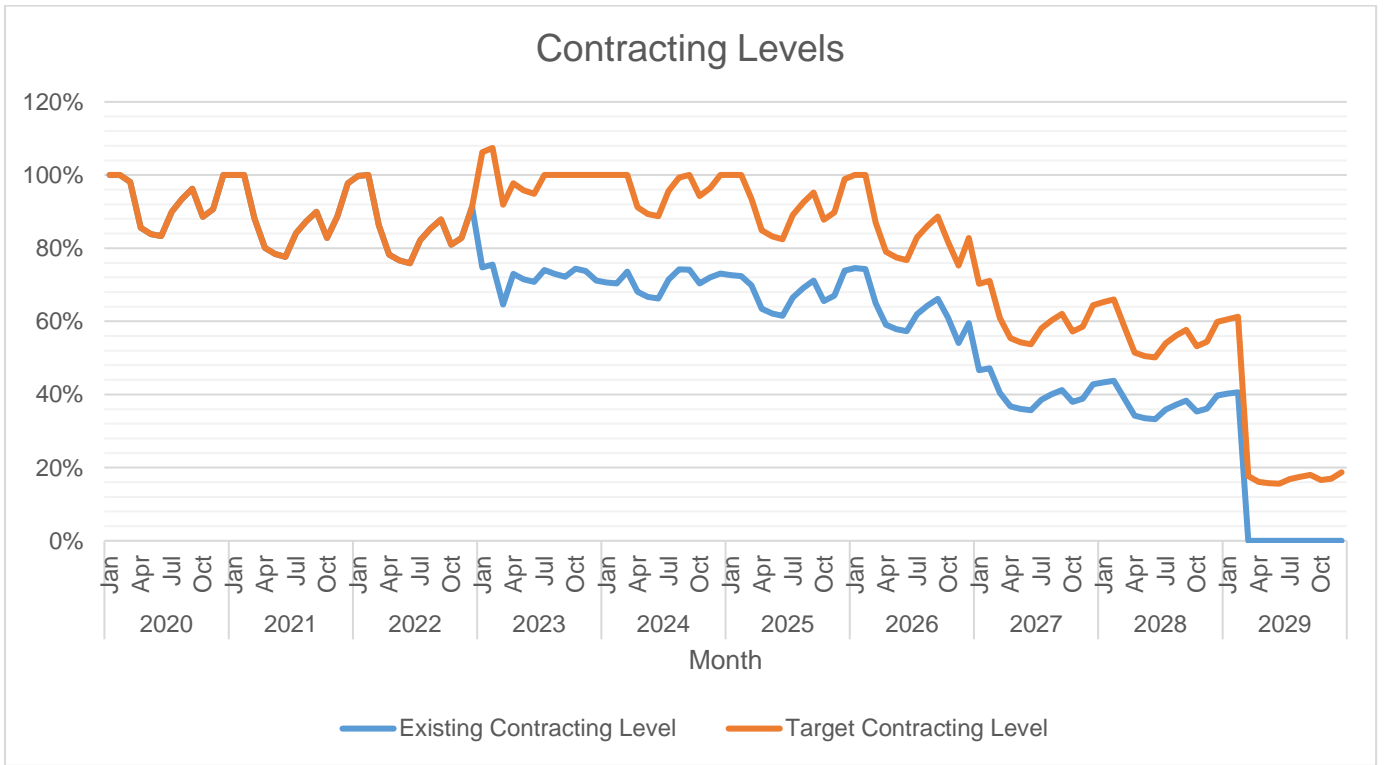
The available supply is generally below the Peak Demand as AEC sources through the WESM to fill the gap.



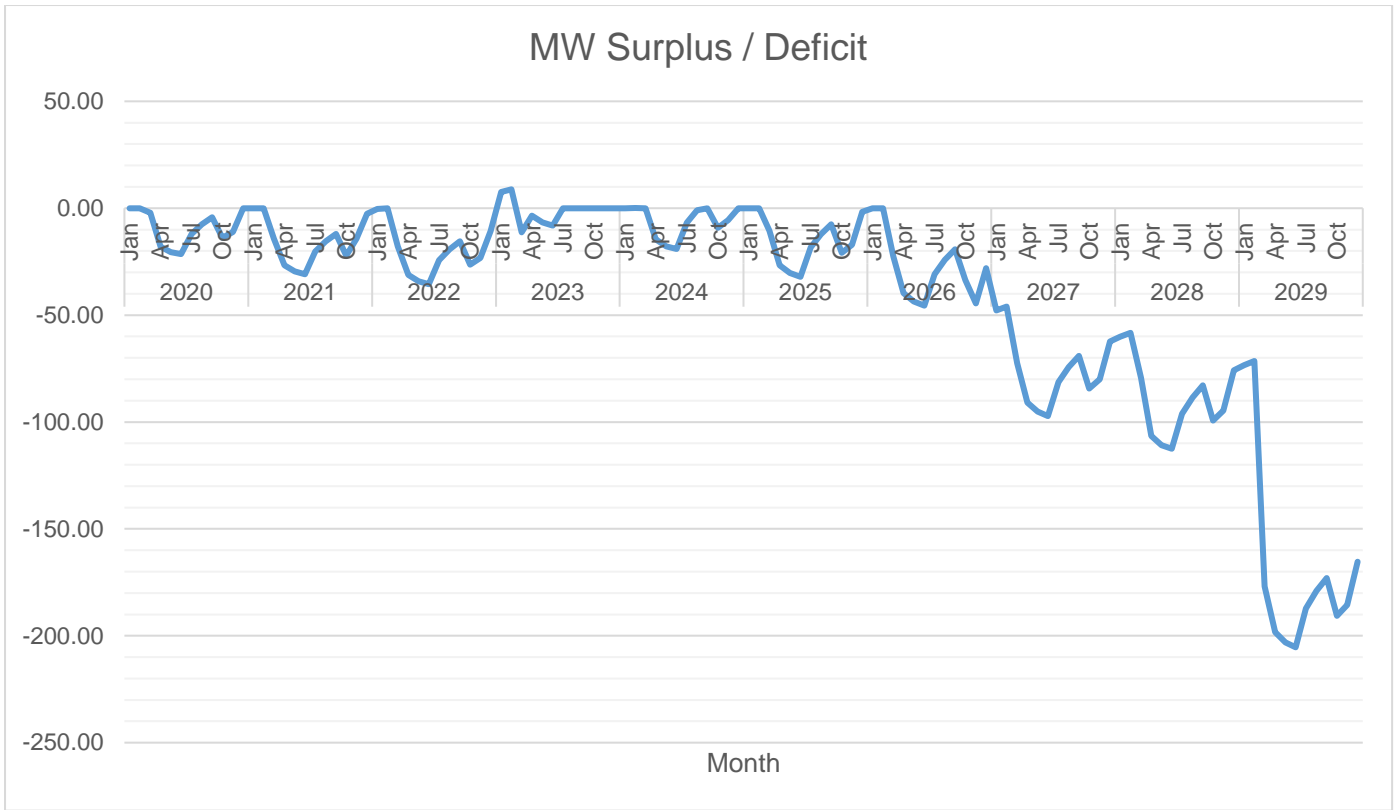
Of the available supply, the largest is 75 MW from GN Power. This is followed by 22 MW peaking demand from Angeles Power, Inc..



The first wave of supply procurement will be for 38 MW planned to be available by the billing month of January.



Currently, there is under-contracting by 23%. The highest target contracting level is 107% in February 2023. The lowest target contracting level is 16% which is expected to occur in 2029.



Currently, there is under-contracting by 22 MW. The highest deficit is 205 MW which is expected to occur on the month of June 2029. The lowest deficit is 0.96 MW which is expected to occur on the month of August 2024.

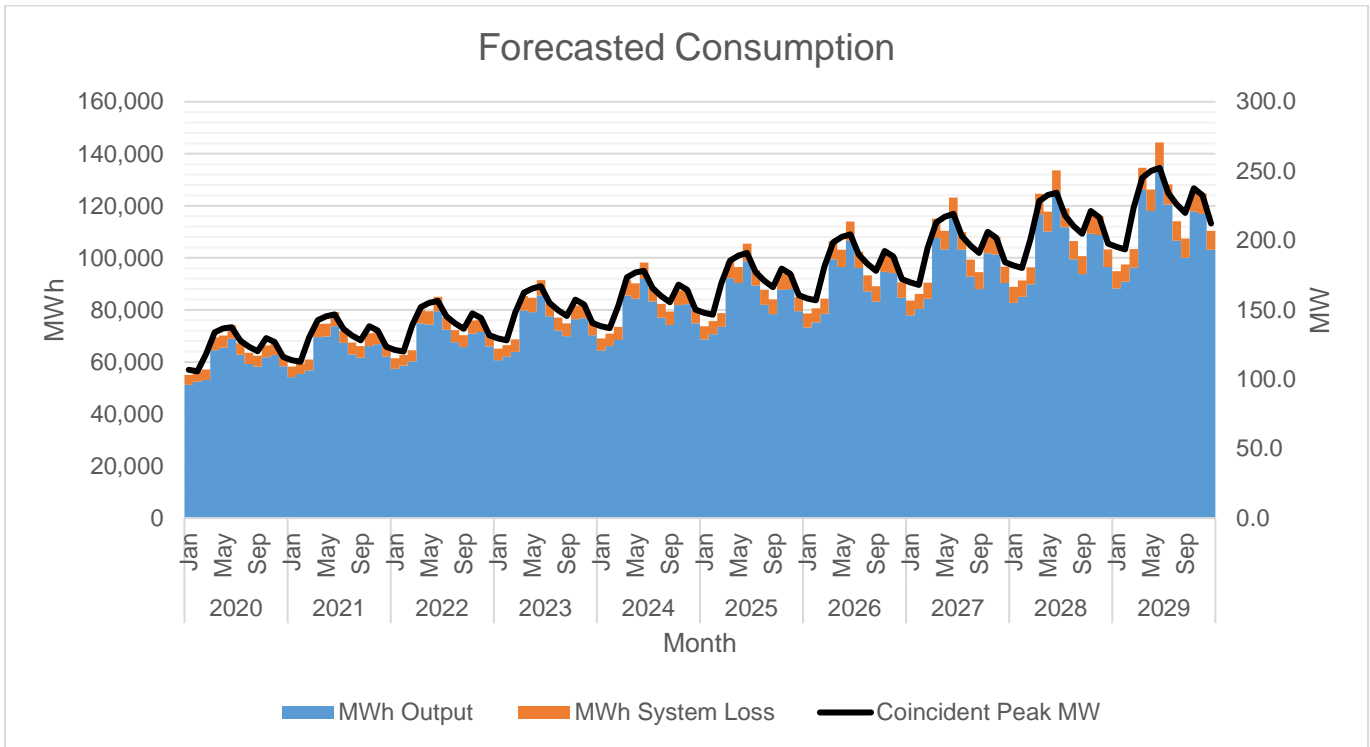
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2020	Jan	55,005	51,242	3,763	0.00%	6.84%
	Feb	56,225	52,419	3,806	0.00%	6.77%
	Mar	57,123	53,087	4,036	0.00%	7.07%
	Apr	69,366	64,536	4,830	0.00%	6.96%
	May	70,128	65,432	4,696	0.00%	6.70%
	Jun	74,065	68,922	5,143	0.00%	6.94%
	Jul	67,219	62,813	4,406	0.00%	6.55%
	Aug	63,514	59,223	4,291	0.00%	6.76%
	Sep	62,436	58,190	4,246	0.00%	6.80%
	Oct	66,351	61,749	4,603	0.00%	6.94%
	Nov	67,111	62,644	4,467	0.00%	6.66%
	Dec	62,549	58,402	4,147	0.00%	6.63%
2021	Jan	58,162	54,213	3,949	0.00%	6.79%
	Feb	59,375	55,381	3,994	0.00%	6.73%
	Mar	60,961	56,725	4,236	0.00%	6.95%
	Apr	74,619	69,550	5,068	0.00%	6.79%
	May	74,652	69,724	4,928	0.00%	6.60%
	Jun	79,176	73,778	5,398	0.00%	6.82%
	Jul	71,923	67,299	4,624	0.00%	6.43%
	Aug	67,430	62,927	4,503	0.00%	6.68%
	Sep	66,150	61,694	4,456	0.00%	6.74%
	Oct	70,982	66,151	4,831	0.00%	6.81%
	Nov	71,477	66,789	4,688	0.00%	6.56%

	Dec	66,399	62,047	4,352	0.00%	6.55%
2022	Jan	61,463	57,378	4,085	0.00%	6.65%
	Feb	62,670	58,539	4,132	0.00%	6.59%
	Mar	64,513	60,131	4,382	0.00%	6.79%
	Apr	80,067	74,824	5,243	0.00%	6.55%
	May	79,454	74,357	5,098	0.00%	6.42%
	Jun	85,059	79,475	5,584	0.00%	6.56%
	Jul	77,170	72,387	4,783	0.00%	6.20%
	Aug	72,261	67,602	4,659	0.00%	6.45%
	Sep	70,283	65,673	4,609	0.00%	6.56%
	Oct	75,943	70,946	4,997	0.00%	6.58%
	Nov	76,336	71,486	4,850	0.00%	6.35%
	Dec	70,533	66,031	4,502	0.00%	6.38%
2023	Jan	65,079	60,718	4,361	0.00%	6.70%
	Feb	66,405	61,994	4,410	0.00%	6.64%
	Mar	68,616	63,939	4,677	0.00%	6.82%
	Apr	85,340	79,744	5,597	0.00%	6.56%
	May	84,636	79,194	5,442	0.00%	6.43%
	Jun	91,461	85,501	5,960	0.00%	6.52%
	Jul	82,588	77,483	5,106	0.00%	6.18%
	Aug	77,084	72,111	4,973	0.00%	6.45%
	Sep	74,809	69,889	4,920	0.00%	6.58%
	Oct	81,716	76,382	5,334	0.00%	6.53%
	Nov	81,988	76,811	5,177	0.00%	6.31%
	Dec	75,083	70,278	4,806	0.00%	6.40%
2024	Jan	69,040	64,381	4,660	0.00%	6.75%
	Feb	70,834	66,122	4,713	0.00%	6.65%
	Mar	73,462	68,464	4,998	0.00%	6.80%
	Apr	91,453	85,473	5,980	0.00%	6.54%
	May	90,163	84,348	5,815	0.00%	6.45%
	Jun	98,242	91,873	6,369	0.00%	6.48%
	Jul	88,655	83,200	5,456	0.00%	6.15%
	Aug	82,371	77,057	5,314	0.00%	6.45%
	Sep	79,433	74,175	5,257	0.00%	6.62%
	Oct	87,524	81,824	5,700	0.00%	6.51%
	Nov	87,772	82,240	5,532	0.00%	6.30%
	Dec	79,933	74,797	5,135	0.00%	6.42%
2025	Jan	73,695	68,711	4,984	0.00%	6.76%
	Feb	75,649	70,608	5,041	0.00%	6.66%
	Mar	78,816	73,470	5,346	0.00%	6.78%
	Apr	98,541	92,145	6,397	0.00%	6.49%
	May	96,536	90,317	6,219	0.00%	6.44%
	Jun	105,473	98,661	6,812	0.00%	6.46%
	Jul	95,235	89,399	5,836	0.00%	6.13%
	Aug	87,699	82,016	5,683	0.00%	6.48%
	Sep	84,041	78,418	5,623	0.00%	6.69%
	Oct	93,867	87,771	6,096	0.00%	6.49%
	Nov	93,921	88,004	5,917	0.00%	6.30%
	Dec	84,952	79,459	5,493	0.00%	6.47%
2026	Jan	78,621	73,285	5,336	0.00%	6.79%
	Feb	80,655	75,257	5,397	0.00%	6.69%

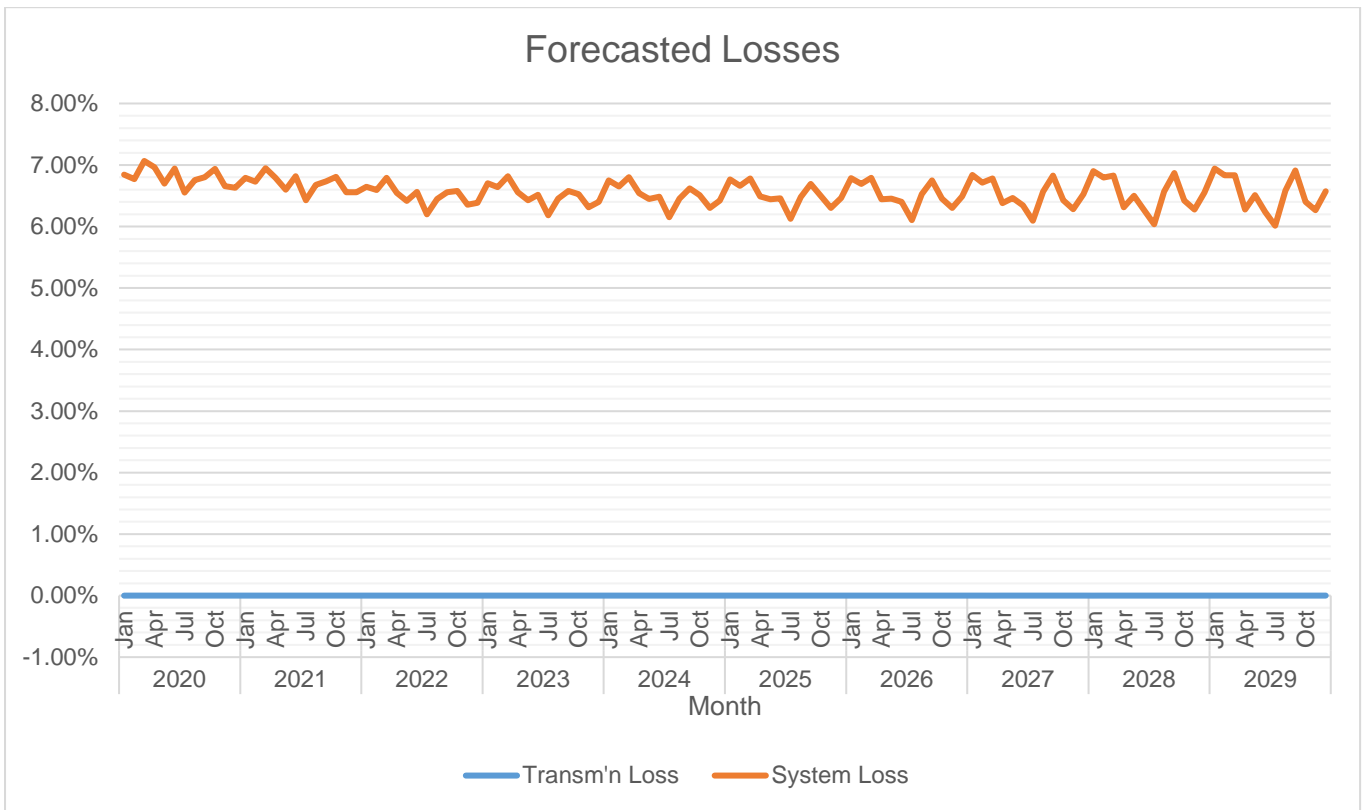
	Mar	84,248	78,524	5,724	0.00%	6.79%
	Apr	106,338	99,489	6,849	0.00%	6.44%
	May	103,179	96,520	6,659	0.00%	6.45%
	Jun	113,898	106,605	7,293	0.00%	6.40%
	Jul	102,343	96,095	6,248	0.00%	6.10%
	Aug	93,259	87,174	6,085	0.00%	6.52%
	Sep	89,163	83,142	6,021	0.00%	6.75%
	Oct	101,121	94,594	6,527	0.00%	6.45%
	Nov	100,511	94,176	6,335	0.00%	6.30%
	Dec	90,589	84,708	5,881	0.00%	6.49%
2027	Jan	83,611	77,892	5,719	0.00%	6.84%
	Feb	86,164	80,381	5,784	0.00%	6.71%
	Mar	90,435	84,301	6,134	0.00%	6.78%
	Apr	115,062	107,722	7,340	0.00%	6.38%
	May	110,362	103,225	7,136	0.00%	6.47%
	Jun	123,198	115,382	7,816	0.00%	6.34%
	Jul	109,871	103,175	6,696	0.00%	6.09%
	Aug	99,282	92,761	6,521	0.00%	6.57%
	Sep	94,480	88,028	6,452	0.00%	6.83%
	Oct	108,799	101,804	6,995	0.00%	6.43%
	Nov	108,047	101,258	6,789	0.00%	6.28%
	Dec	96,597	90,294	6,302	0.00%	6.52%
2028	Jan	88,866	82,732	6,134	0.00%	6.90%
	Feb	91,290	85,086	6,204	0.00%	6.80%
	Mar	96,387	89,807	6,580	0.00%	6.83%
	Apr	124,721	116,848	7,873	0.00%	6.31%
	May	117,802	110,148	7,654	0.00%	6.50%
	Jun	133,684	125,301	8,384	0.00%	6.27%
	Jul	118,977	111,795	7,182	0.00%	6.04%
	Aug	106,461	99,466	6,995	0.00%	6.57%
	Sep	100,708	93,788	6,921	0.00%	6.87%
	Oct	116,824	109,321	7,503	0.00%	6.42%
	Nov	116,028	108,746	7,282	0.00%	6.28%
	Dec	103,194	96,434	6,760	0.00%	6.55%
2029	Jan	94,857	88,272	6,585	0.00%	6.94%
	Feb	97,503	90,842	6,660	0.00%	6.83%
	Mar	103,334	96,271	7,063	0.00%	6.84%
	Apr	134,615	126,163	8,452	0.00%	6.28%
	May	126,265	118,048	8,217	0.00%	6.51%
	Jun	144,307	135,307	9,000	0.00%	6.24%
	Jul	128,214	120,504	7,710	0.00%	6.01%
	Aug	114,072	106,562	7,509	0.00%	6.58%
	Sep	107,491	100,061	7,430	0.00%	6.91%
	Oct	125,822	117,767	8,055	0.00%	6.40%
	Nov	124,783	116,965	7,818	0.00%	6.27%
	Dec	110,391	103,134	7,257	0.00%	6.57%

MWh Offtake was forecasted using Regression Analysis. The assumed load factor is that of the latest historical year (2019), 63.85%.

System Loss was determined through actual metering. Based on the results, the Distribution System can adequately convey electricity to customers.



MWh Output was expected to grow at a rate of 7.10% annually.

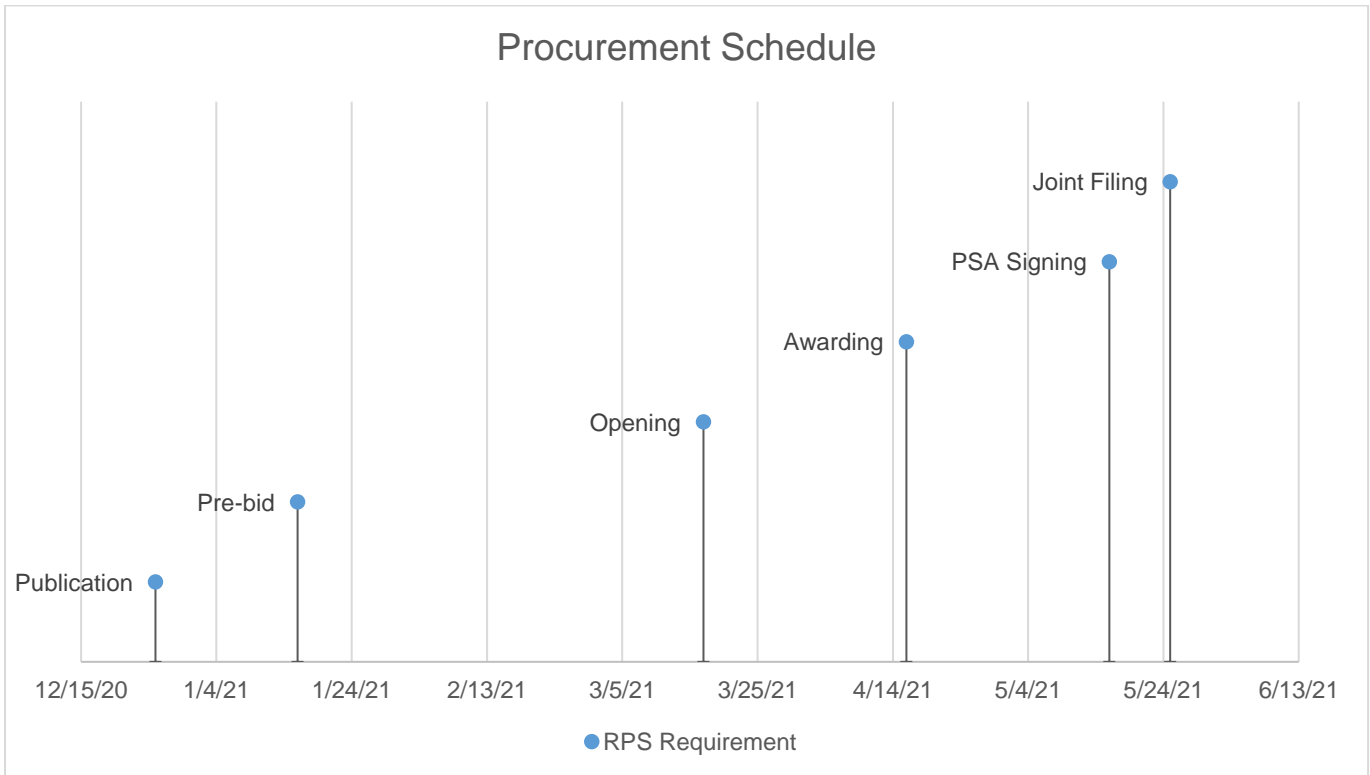


AEC owns the subtransmission lines emanating from NGCP substations. The total distribution system losses include these subtransmission line and substation losses. Total Distribution System Loss is expected to range from 6.50% to 6.80%.

Power Supply

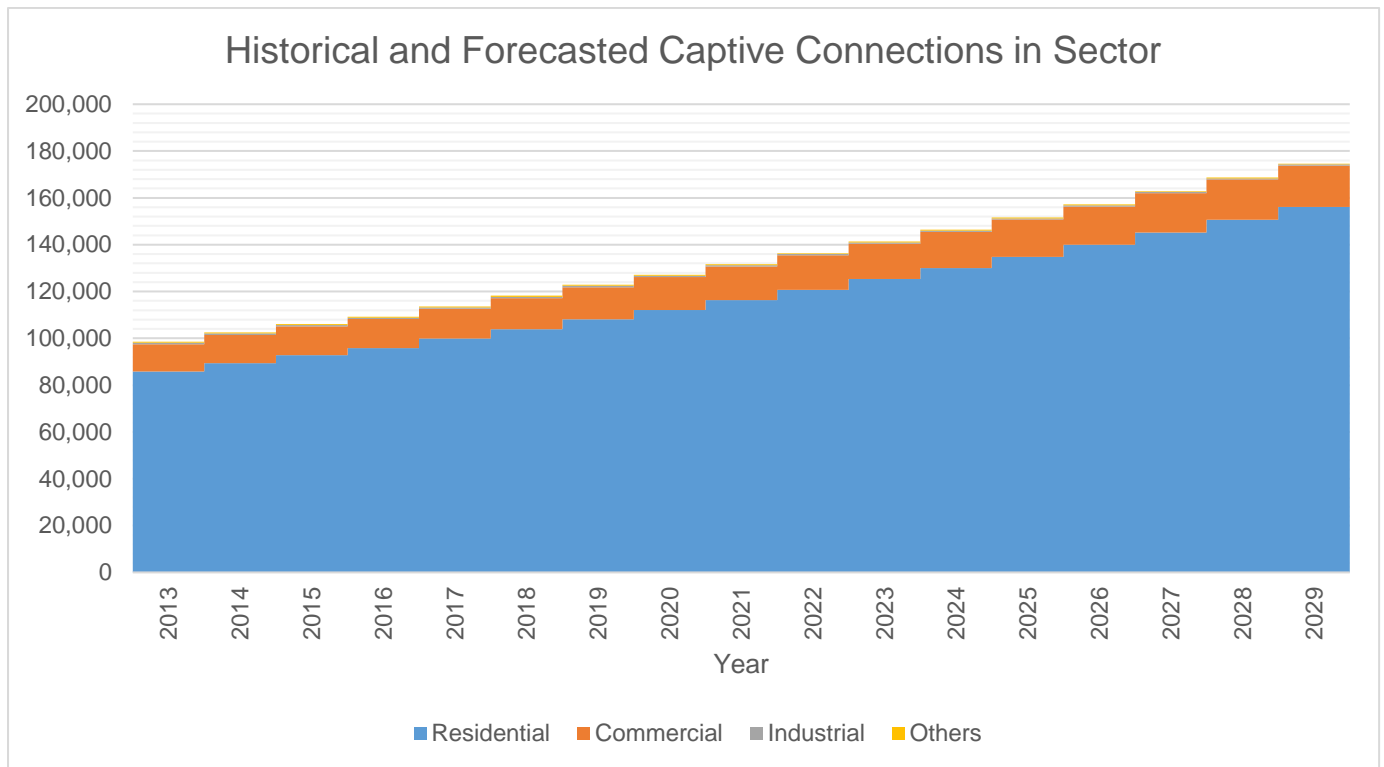
Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2007-003 RC	Base	GN Power Mariveles Coal Plant Ltd.	67.00	346,922	2/26/2014	2/25/2029
2015-077 RC	Base	Anda Power Corporation	10.00	87,600	10/26/2016	10/25/2026
2015-091 RC	Peaking	Angeles Power, Inc.	22.00	0	12/26/2016	12/25/2026

	RPS Requirement
Type	Peaking
Minimum MW	38.00
Minimum MWh/yr	54,259
PSA Start	12/26/2022
PSA End	12/25/2032
Publication	12/26/2020
Pre-bid	1/16/2021
Opening	3/17/2021
Awarding	4/16/2021
PSA Signing	5/16/2021
Joint Filing	5/25/2021



For the procurement of 38 MW of supply which is planned to be available in 2023, the first publication or launch of CSP will be on December 26, 2020. Joint filing is planned on May 25, 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 3.75% annually. Said customer class is expected to account for 48% of the total consumption.