

# **Power Supply Procurement Plan 2025**

SHIN CLARK POWER CORPORATION

## Historical Consumption Data

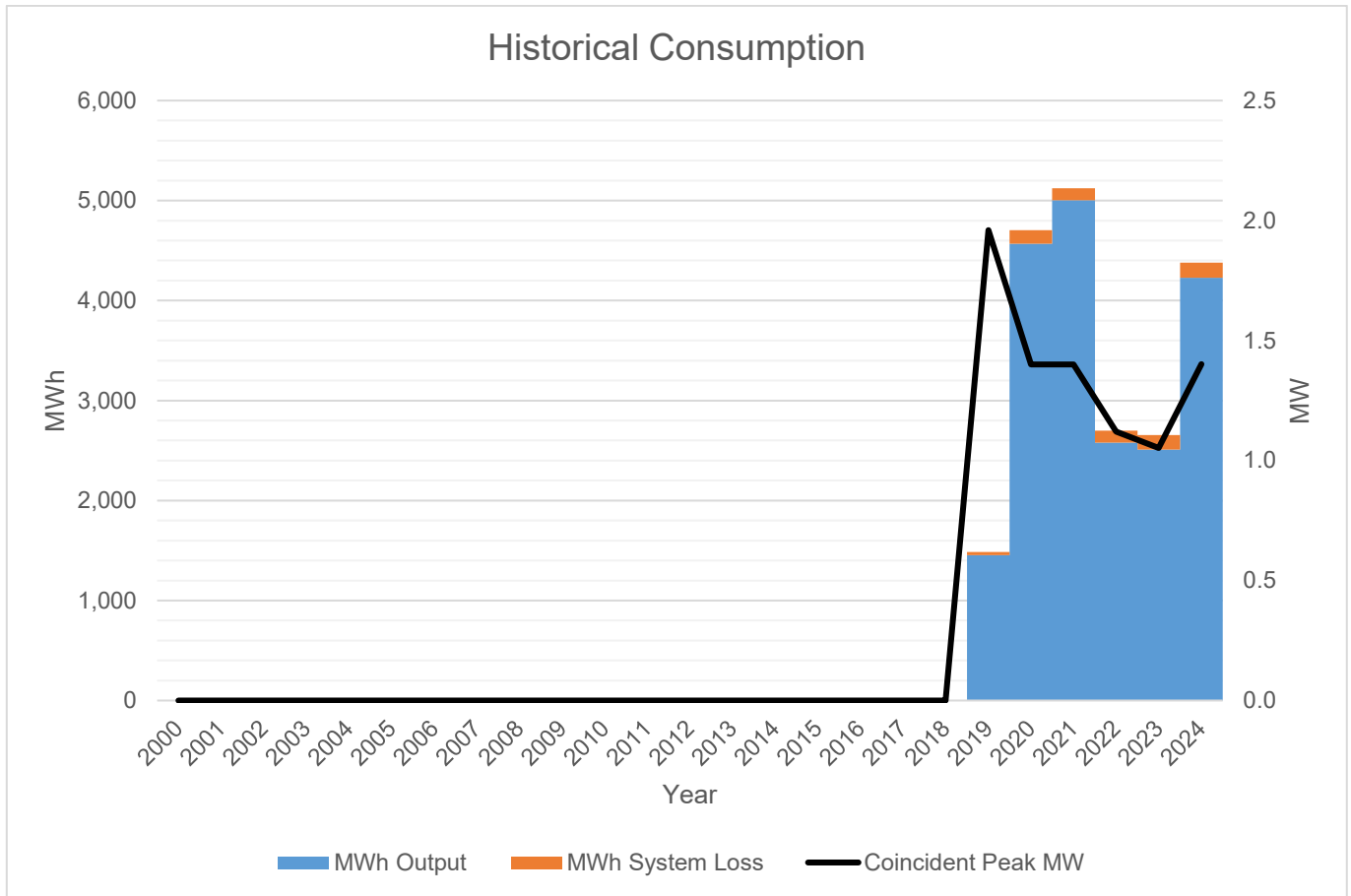
	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2015	0.00	0	0	0	0	0	N/A	N/A	N/A	N/A
2016	0.00	0	0	0	0	0	N/A	N/A	N/A	N/A
2017	0.00	0	0	0	0	0	N/A	N/A	N/A	N/A
2018	0.00	0	0	0	0	0	N/A	N/A	N/A	N/A
2019	1.96	1,485	0	1,485	1,454	31	9%	0.00%	0.00%	2.07%
2020	1.40	4,704	0	4,704	4,568	136	38%	0.00%	0.00%	2.88%
2021	1.40	5,124	0	5,124	5,003	121	42%	0.00%	0.00%	2.35%
2022	1.12	2,700	0	2,700	2,579	121	28%	0.00%	0.00%	4.47%
2023	1.05	2,655	0	2,655	2,510	145	29%	0.00%	-0.01%	5.45%
2024	1.40	4,382	0	4,380	4,228	152	36%	0.00%	0.04%	3.48%

As explained in last year's PSPP report, the decline in Peak Demand from 2019 up to 2023 at a CAGR of -14.45% was primarily driven by the significant slowdown of the economic activity inside the New Clark City (NCC) as the area, like in most parts of the country, was heavily impacted by the CoVid 19 pandemic. With the influx of four (4) new customers in 2024, the peak demand increased from 1.05 MW in 2023 to 1.40 MW in 2024. This 33% increase signalled SCPC that the economic activities in NCC were reinvigorated and had already started recovering from the pandemic.

Significant power consumption was recorded from these new customers, which included a golf and leisure resort development, an educational institution and SCPC's first industrial customer that ventured into the manufacture of EV batteries.

MWh Offtake increased from 2,655 MWh in 2023 to 4,382 MWh in 2024 with an increase of 65% as the customers' commercial activities pick up and additional consumptions from new connected customers were realized.

Within the same period, Load Factor ranged from 30% to 60% as demand and consumption were significantly increased.

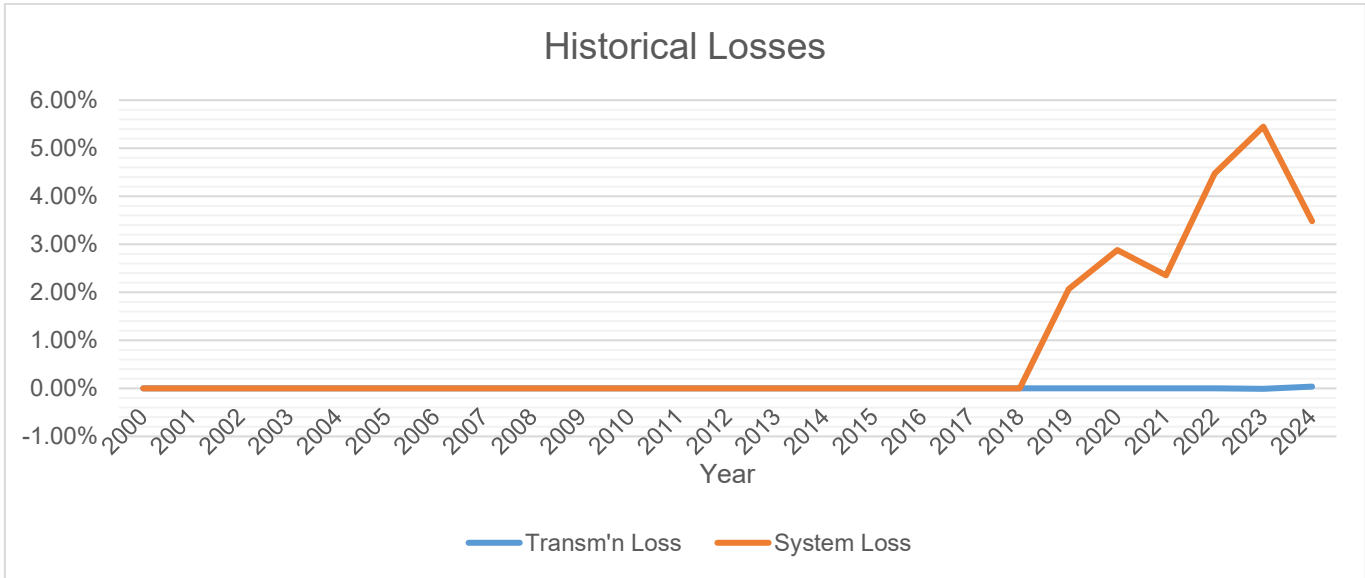


SCPC operations officially started when its only substation was energized in Aug 2019 in preparation for the Philippine’s hosting of the 2019 Southeast Asian Games. MWh Output for 2019 was exceptional as SCPC reflected 1,454 MWh output for a 4-month period.

In 2020, the Peak Demand was immediately impacted by the Covid 19 Pandemic, but the MWh output increased by about 7% until 2021. At that time, the National Government decided to use the existing, mostly empty facilities in the NGAC area as quarantine facilities for CoVid 19 patients.

In 2022 and 2023, the MWh Output decreased to 2,579 MWh and 2,510 MWh, respectively, which is about a 52% drop from the 2021 level. From 2020 to 2023, the MWh Output effectively decreased to a CAGR of -18.1%, while MWh System Loss also decreased at a CAGR of -37.6% within the same period.

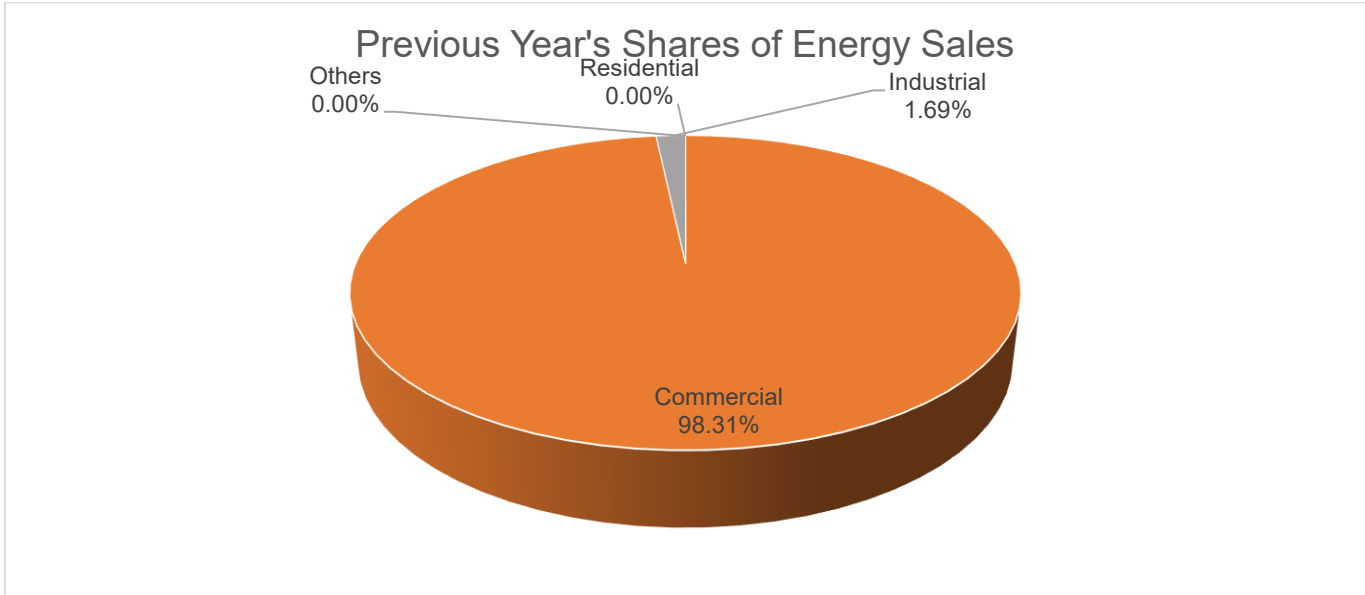
With the addition of resorts, educational institutions and the first industrial customer, the MWh Output increased from 2,510 MWh in 2023 to 4,228 MWh in 2024.



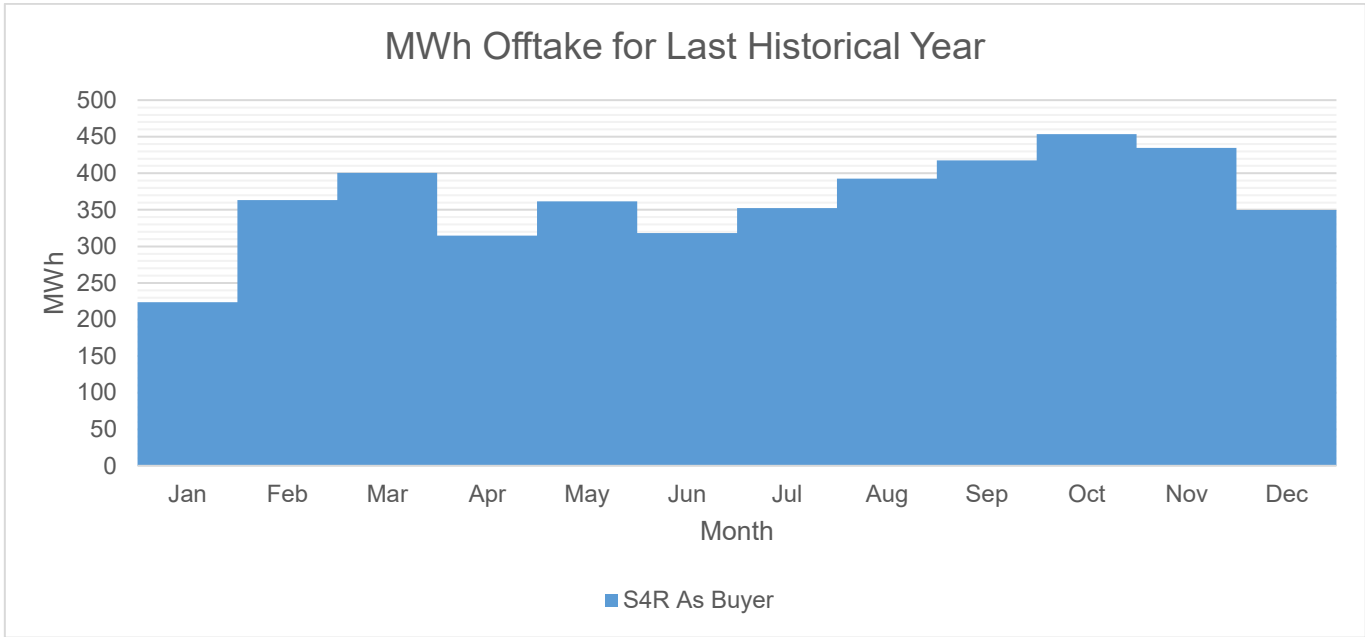
From Sep 2019 up to May 2024, SCPC was not incurring transmission losses as it was being metered by TARELCO II inside the NCC Substation. From June 2024 to December 2024 the transmission were significantly low of about 0.06% in average despite the energized 21 km 69 kV line (NGCP Clark to NCC Substation) due to recorded low demand.

The system loss ranged from 2.07% to 5.45%. System losses peaked at 5.45% in 2022 because energy sales were at lowest with the stoppage of Covid isolation facilities inside the NCC, but the core loss of the power transformer for the substation remained constant.

In 2024, the average monthly system loss was at 3.57%.



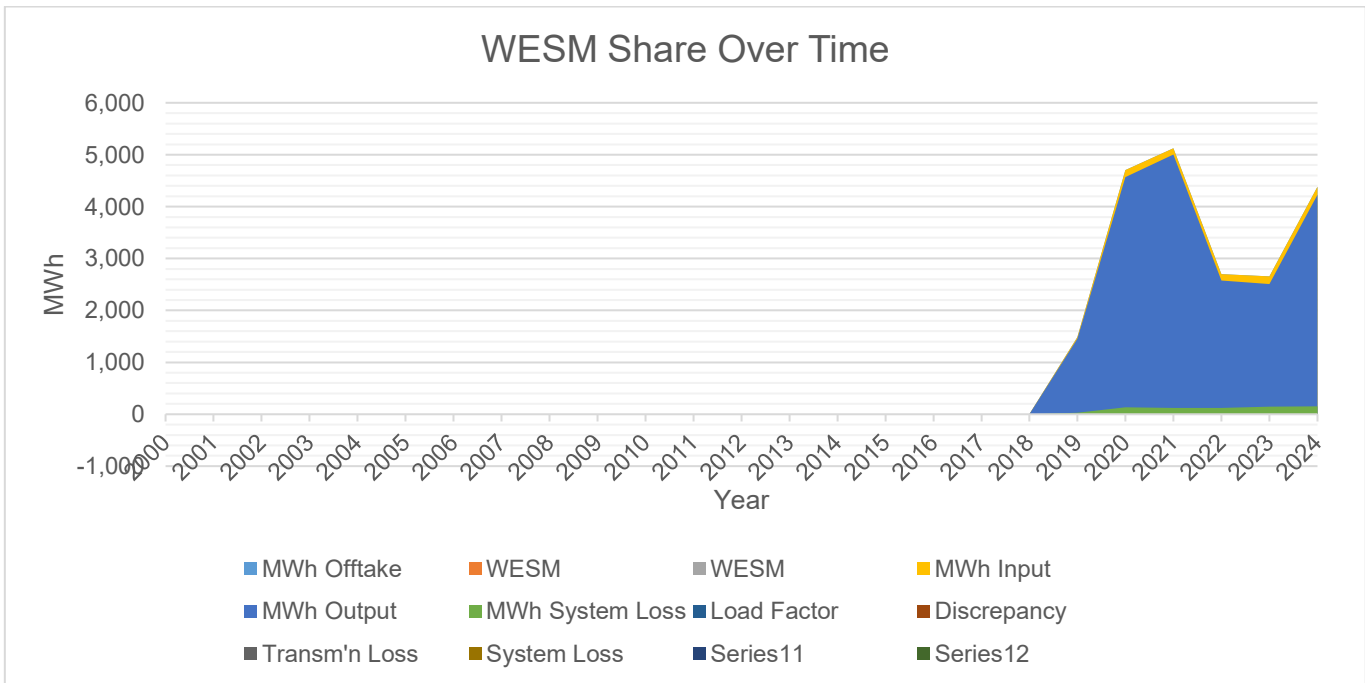
Commercial customers account for the bulk of energy sales at 98.31%. In contrast, industrial customers accounted for only 1.69% of energy sales since there was only one (1) energized industrial out of the twenty (20) active customers at the end of December 2024. This industrial customer put up the first industrial facilities in New Clark City.



SCPC was under a Temporary Power Supply Arrangement with TARELCO II until May 2024. Under the TPSA, there was no minimum MWh Offtake and SCPC only paid for the metered consumption.

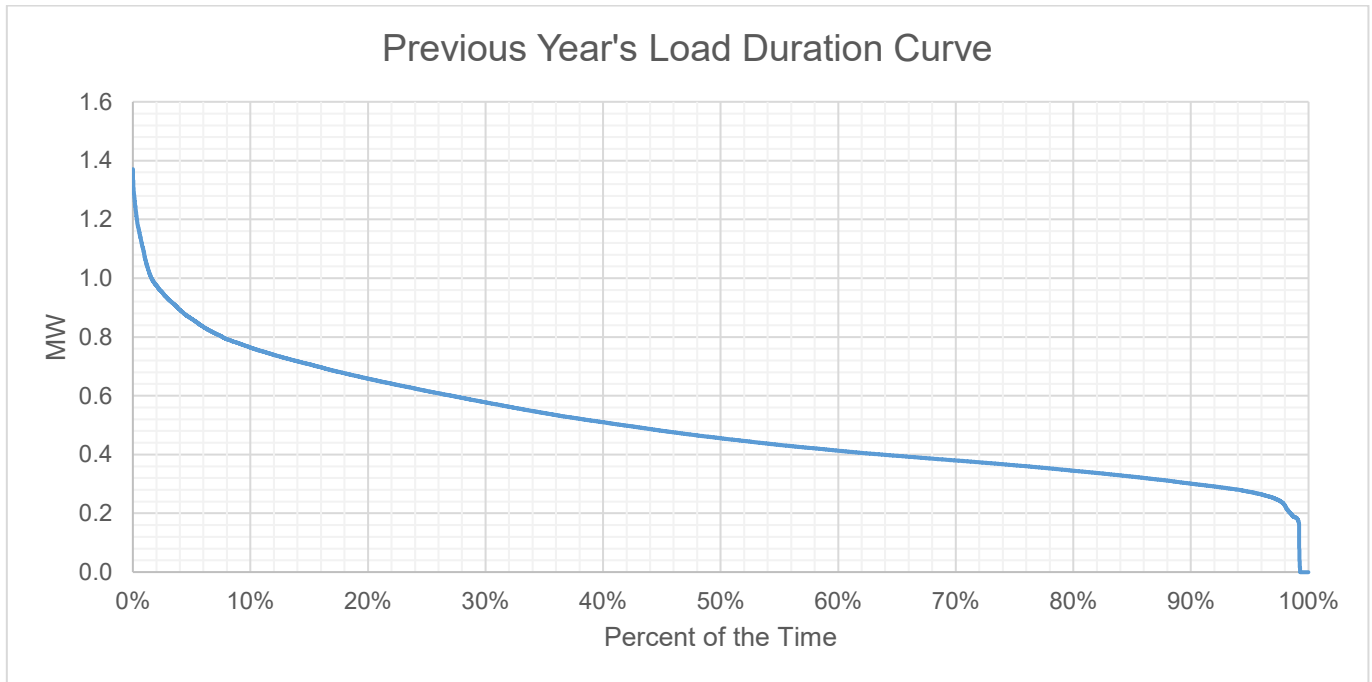
With the expiration of Temporary Power Supply Agreement (TPSA) with TARELCO II, SCPC entered into a Sale for Resale Agreement with CEDC as a transition measure pending SCPC's connection to the Luzon Grid.

While SCPC completed a 21 km 69 kV line from NCC to NGCP Dolores Substation, final connection with NGCP has yet to be implemented.

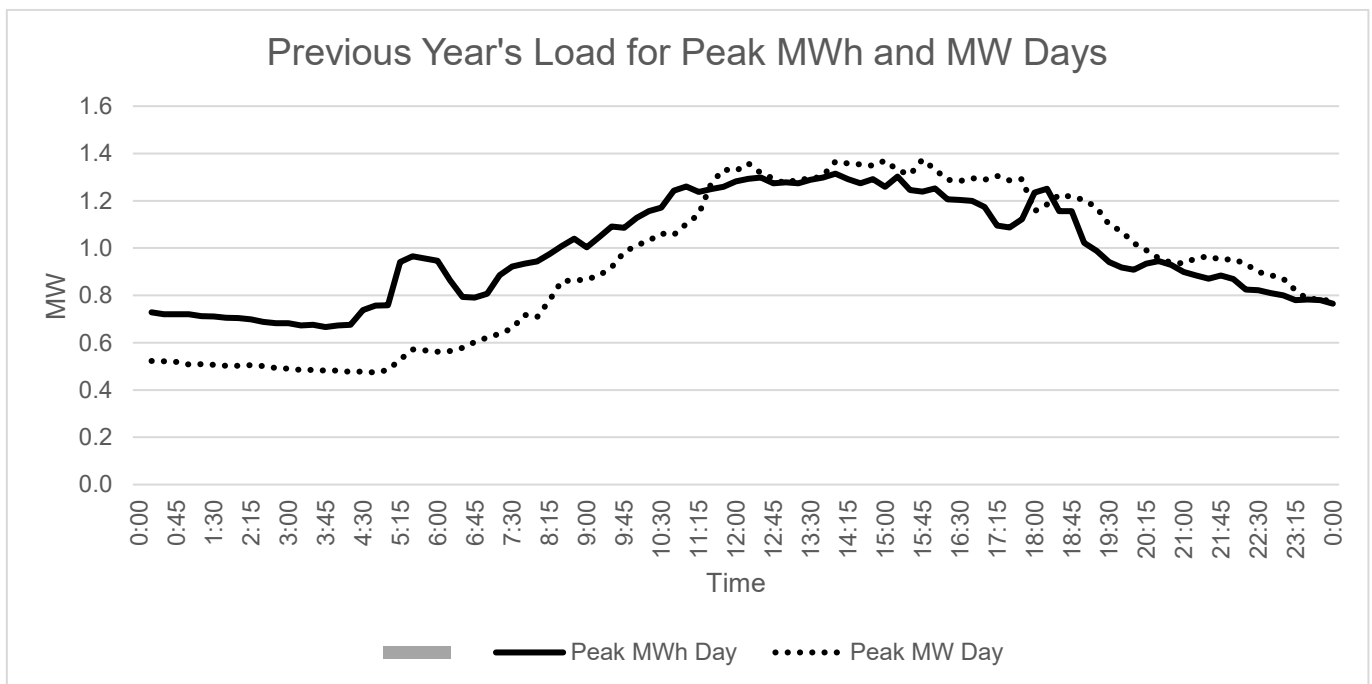


Currently, SCPC is not sourcing any power from the Wholesale Electricity Spot Market (WESM) as it is still under a Sale for Resale Agreement with CEDC. WESM Offtake is expected to commence only in the 4th quarter of 2025 when SCPC has officially connected to the Luzon Grid.

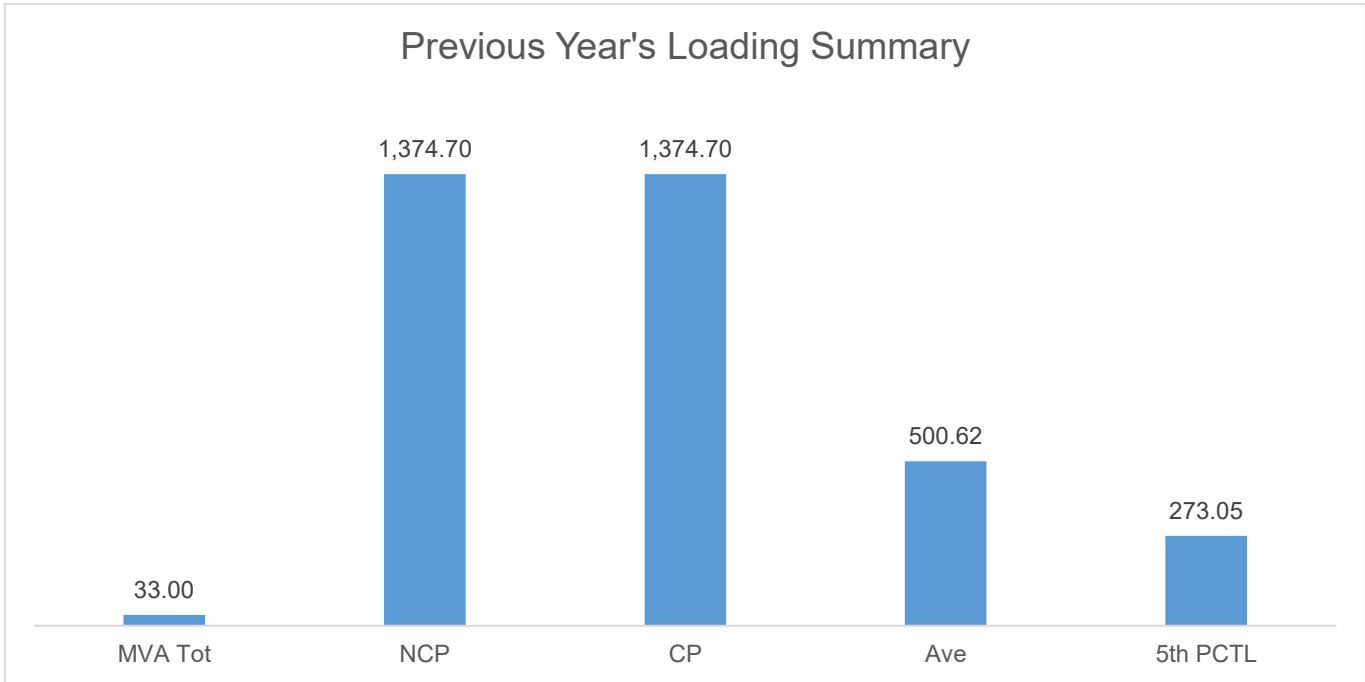
## Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is about 0.02 MW and the maximum load is 1.40 MW for the last historical year (2024).



Peak MW occurred on September 10, 2024, due to special event that took place utilizing the facilities in National Government Administrative Center (NGAC). Regarding the previous load profile, peak demand occurs between 1:00 pm and 3:00 pm. This is primarily due to increased air conditioning usage during the hottest hours of the day.



The Non-coincident Peak Demand is 1.37 MW, which is around 4% of the total substation capacity of 33 MVA at a power factor of 98%. The load factor or the ratio between the Average Load of 0.5 MW and the Non-coincident Peak Demand is 36% of. A safe estimate of the true minimum load is the fifth percentile load of 0.27 MW which is 20% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
NCC Substation No. 1	33	1374.700

SCPC’s only substation is not loaded above 70%. It should be noted that the installed 33MVA power transformer was sized up to meet the original 2018 demand forecast of BCDA and required SCPC to install transformer and feeder line capacities for the expected load up to 2022 which unfortunately did not materialize due to the Covid 19 pandemic.

The substation is expected to reach the 70% threshold in CY 2033 so there is no foreseen loading problem. Nonetheless, SCPC’s main concern in New Clark City is N-1 contingency. If the transformer no. 1 in the NCC Substation No. 1 is interrupted, the entire NCC would be without power. SCPC has therefore included the Development of Substation No.2 and installation of PXF No. 2 in its Capex line-up.

## Forecasted Consumption Data

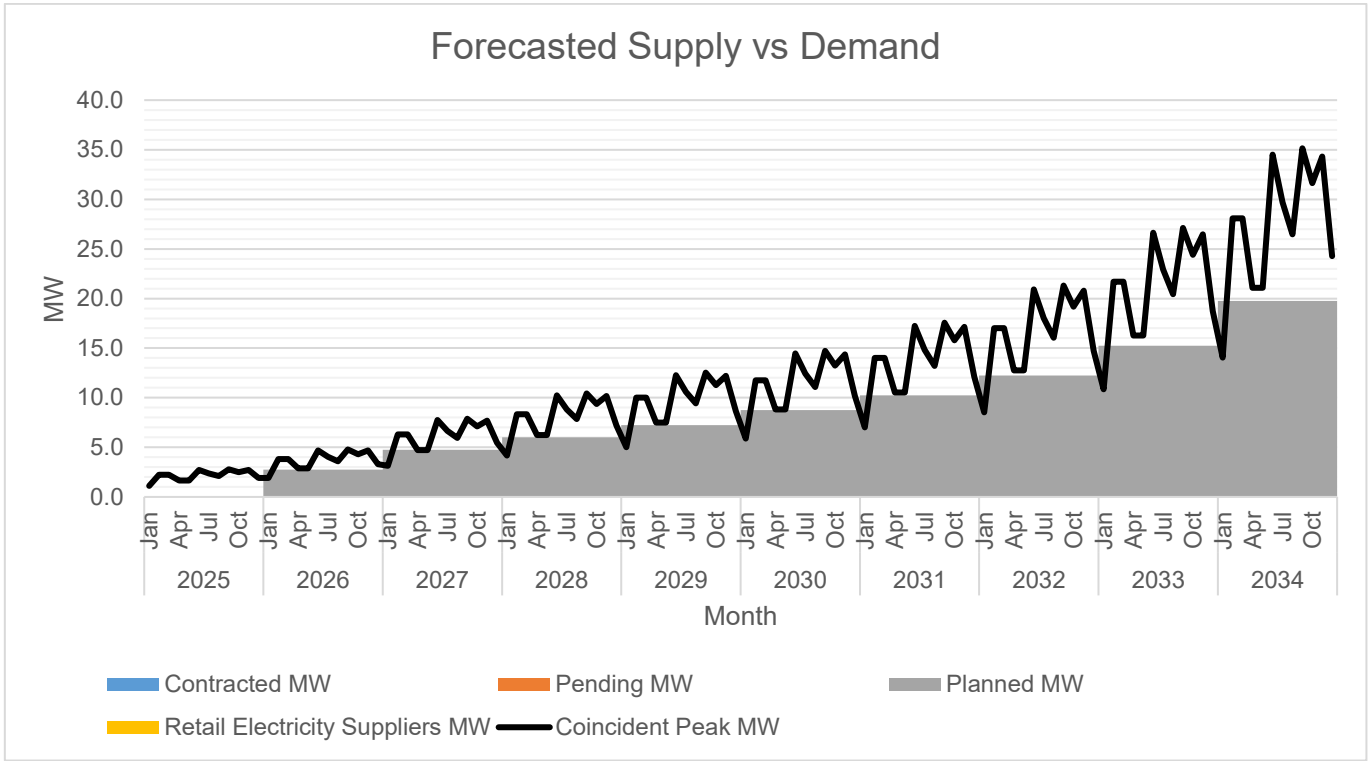
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2025	Jan	1.11	0.00	0.00	0.000		0%	0%	-1.11
	Feb	2.22	0.00	0.00	0.000		0%	0%	-2.22
	Mar	2.22	0.00	0.00	0.000		0%	0%	-2.22
	Apr	1.67	0.00	0.00	0.000		0%	0%	-1.67
	May	1.67	0.00	0.00	0.000		0%	0%	-1.67
	Jun	2.73	0.00	0.00	0.000		0%	0%	-2.73
	Jul	2.35	0.00	0.00	0.000		0%	0%	-2.35
	Aug	2.10	0.00	0.00	0.000		0%	0%	-2.10
	Sep	2.78	0.00	0.00	0.000		0%	0%	-2.78
	Oct	2.50	0.00	0.00	0.000		0%	0%	-2.50
	Nov	2.72	0.00	0.00	0.000		0%	0%	-2.72
	Dec	1.92	0.00	0.00	0.000		0%	0%	-1.92
2026	Jan	1.91	0.00	0.00	2.750		0%	144%	0.84
	Feb	3.83	0.00	0.00	2.750		0%	72%	-1.08
	Mar	3.83	0.00	0.00	2.750		0%	72%	-1.08
	Apr	2.87	0.00	0.00	2.750		0%	96%	-0.12
	May	2.87	0.00	0.00	2.750		0%	96%	-0.12
	Jun	4.70	0.00	0.00	2.750		0%	58%	-1.95
	Jul	4.05	0.00	0.00	2.750		0%	68%	-1.30
	Aug	3.61	0.00	0.00	2.750		0%	76%	-0.86
	Sep	4.79	0.00	0.00	2.750		0%	57%	-2.04
	Oct	4.31	0.00	0.00	2.750		0%	64%	-1.56
	Nov	4.68	0.00	0.00	2.750		0%	59%	-1.93
	Dec	3.31	0.00	0.00	2.750		0%	83%	-0.56
2027	Jan	3.15	0.00	0.00	4.750		0%	151%	1.60
	Feb	6.30	0.00	0.00	4.750		0%	75%	-1.55

	Mar	6.30	0.00	0.00	4.750		0%	75%	-1.55
	Apr	4.73	0.00	0.00	4.750		0%	101%	0.02
	May	4.73	0.00	0.00	4.750		0%	101%	0.02
	Jun	7.74	0.00	0.00	4.750		0%	61%	-2.99
	Jul	6.66	0.00	0.00	4.750		0%	71%	-1.91
	Aug	5.94	0.00	0.00	4.750		0%	80%	-1.19
	Sep	7.88	0.00	0.00	4.750		0%	60%	-3.13
	Oct	7.09	0.00	0.00	4.750		0%	67%	-2.34
	Nov	7.70	0.00	0.00	4.750		0%	62%	-2.95
	Dec	5.45	0.00	0.00	4.750		0%	87%	-0.70
2028	Jan	4.17	0.00	0.00	6.000		0%	144%	1.83
	Feb	8.33	0.00	0.00	6.000		0%	72%	-2.33
	Mar	8.33	0.00	0.00	6.000		0%	72%	-2.33
	Apr	6.25	0.00	0.00	6.000		0%	96%	-0.25
	May	6.25	0.00	0.00	6.000		0%	96%	-0.25
	Jun	10.23	0.00	0.00	6.000		0%	59%	-4.23
	Jul	8.81	0.00	0.00	6.000		0%	68%	-2.81
	Aug	7.85	0.00	0.00	6.000		0%	76%	-1.85
	Sep	10.42	0.00	0.00	6.000		0%	58%	-4.42
	Oct	9.38	0.00	0.00	6.000		0%	64%	-3.38
	Nov	10.18	0.00	0.00	6.000		0%	59%	-4.18
	Dec	7.20	0.00	0.00	6.000		0%	83%	-1.20
2029	Jan	5.00	0.00	0.00	7.250		0%	145%	2.25
	Feb	10.01	0.00	0.00	7.250		0%	72%	-2.76
	Mar	10.01	0.00	0.00	7.250		0%	72%	-2.76
	Apr	7.50	0.00	0.00	7.250		0%	97%	-0.25
	May	7.50	0.00	0.00	7.250		0%	97%	-0.25
	Jun	12.29	0.00	0.00	7.250		0%	59%	-5.04
	Jul	10.58	0.00	0.00	7.250		0%	69%	-3.33
	Aug	9.43	0.00	0.00	7.250		0%	77%	-2.18
	Sep	12.52	0.00	0.00	7.250		0%	58%	-5.27
	Oct	11.26	0.00	0.00	7.250		0%	64%	-4.01

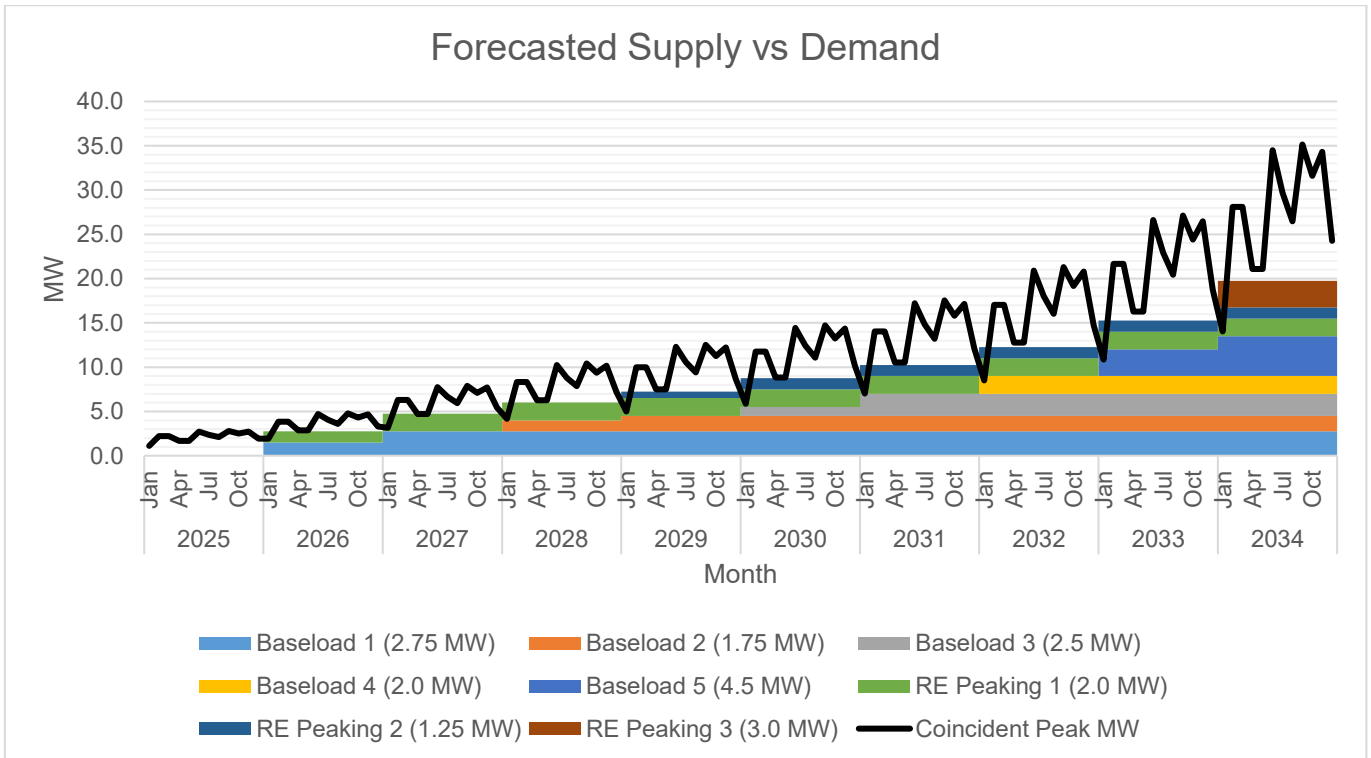
	Nov	12.22	0.00	0.00	7.250		0%	59%	-4.97
	Dec	8.65	0.00	0.00	7.250		0%	84%	-1.40
2030	Jan	5.88	0.00	0.00	8.750		0%	149%	2.87
	Feb	11.77	0.00	0.00	8.750		0%	74%	-3.02
	Mar	11.77	0.00	0.00	8.750		0%	74%	-3.02
	Apr	8.83	0.00	0.00	8.750		0%	99%	-0.08
	May	8.83	0.00	0.00	8.750		0%	99%	-0.08
	Jun	14.45	0.00	0.00	8.750		0%	61%	-5.70
	Jul	12.44	0.00	0.00	8.750		0%	70%	-3.69
	Aug	11.09	0.00	0.00	8.750		0%	79%	-2.34
	Sep	14.72	0.00	0.00	8.750		0%	59%	-5.97
	Oct	13.25	0.00	0.00	8.750		0%	66%	-4.50
	Nov	14.37	0.00	0.00	8.750		0%	61%	-5.62
	Dec	10.17	0.00	0.00	8.750		0%	86%	-1.42
2031	Jan	7.01	0.00	0.00	10.250		0%	146%	3.24
	Feb	14.03	0.00	0.00	10.250		0%	73%	-3.78
	Mar	14.03	0.00	0.00	10.250		0%	73%	-3.78
	Apr	10.52	0.00	0.00	10.250		0%	97%	-0.27
	May	10.52	0.00	0.00	10.250		0%	97%	-0.27
	Jun	17.23	0.00	0.00	10.250		0%	59%	-6.98
	Jul	14.84	0.00	0.00	10.250		0%	69%	-4.59
	Aug	13.22	0.00	0.00	10.250		0%	78%	-2.97
	Sep	17.55	0.00	0.00	10.250		0%	58%	-7.30
	Oct	15.79	0.00	0.00	10.250		0%	65%	-5.54
	Nov	17.13	0.00	0.00	10.250		0%	60%	-6.88
	Dec	12.13	0.00	0.00	10.250		0%	85%	-1.88
2032	Jan	8.51	0.00	0.00	12.250		0%	144%	3.74
	Feb	17.03	0.00	0.00	12.250		0%	72%	-4.78
	Mar	17.03	0.00	0.00	12.250		0%	72%	-4.78
	Apr	12.77	0.00	0.00	12.250		0%	96%	-0.52
	May	12.77	0.00	0.00	12.250		0%	96%	-0.52
	Jun	20.91	0.00	0.00	12.250		0%	59%	-8.66

	Jul	18.00	0.00	0.00	12.250		0%	68%	-5.75
	Aug	16.04	0.00	0.00	12.250		0%	76%	-3.79
	Sep	21.30	0.00	0.00	12.250		0%	58%	-9.05
	Oct	19.16	0.00	0.00	12.250		0%	64%	-6.91
	Nov	20.79	0.00	0.00	12.250		0%	59%	-8.54
	Dec	14.72	0.00	0.00	12.250		0%	83%	-2.47
2033	Jan	10.84	0.00	0.00	15.250		0%	141%	4.41
	Feb	21.68	0.00	0.00	15.250		0%	70%	-6.43
	Mar	21.68	0.00	0.00	15.250		0%	70%	-6.43
	Apr	16.26	0.00	0.00	15.250		0%	94%	-1.01
	May	16.26	0.00	0.00	15.250		0%	94%	-1.01
	Jun	26.62	0.00	0.00	15.250		0%	57%	-11.37
	Jul	22.92	0.00	0.00	15.250		0%	67%	-7.67
	Aug	20.42	0.00	0.00	15.250		0%	75%	-5.17
	Sep	27.12	0.00	0.00	15.250		0%	56%	-11.87
	Oct	24.40	0.00	0.00	15.250		0%	62%	-9.15
	Nov	26.48	0.00	0.00	15.250		0%	58%	-11.23
	Dec	18.74	0.00	0.00	15.250		0%	81%	-3.49
2034	Jan	14.05	0.00	0.00	19.750		0%	141%	5.70
	Feb	28.09	0.00	0.00	19.750		0%	70%	-8.34
	Mar	28.09	0.00	0.00	19.750		0%	70%	-8.34
	Apr	21.07	0.00	0.00	19.750		0%	94%	-1.32
	May	21.07	0.00	0.00	19.750		0%	94%	-1.32
	Jun	34.50	0.00	0.00	19.750		0%	57%	-14.75
	Jul	29.71	0.00	0.00	19.750		0%	66%	-9.96
	Aug	26.47	0.00	0.00	19.750		0%	75%	-6.72
	Sep	35.15	0.00	0.00	19.750		0%	56%	-15.40
	Oct	31.62	0.00	0.00	19.750		0%	62%	-11.87
	Nov	34.31	0.00	0.00	19.750		0%	58%	-14.56
	Dec	24.28	0.00	0.00	19.750		0%	81%	-4.53

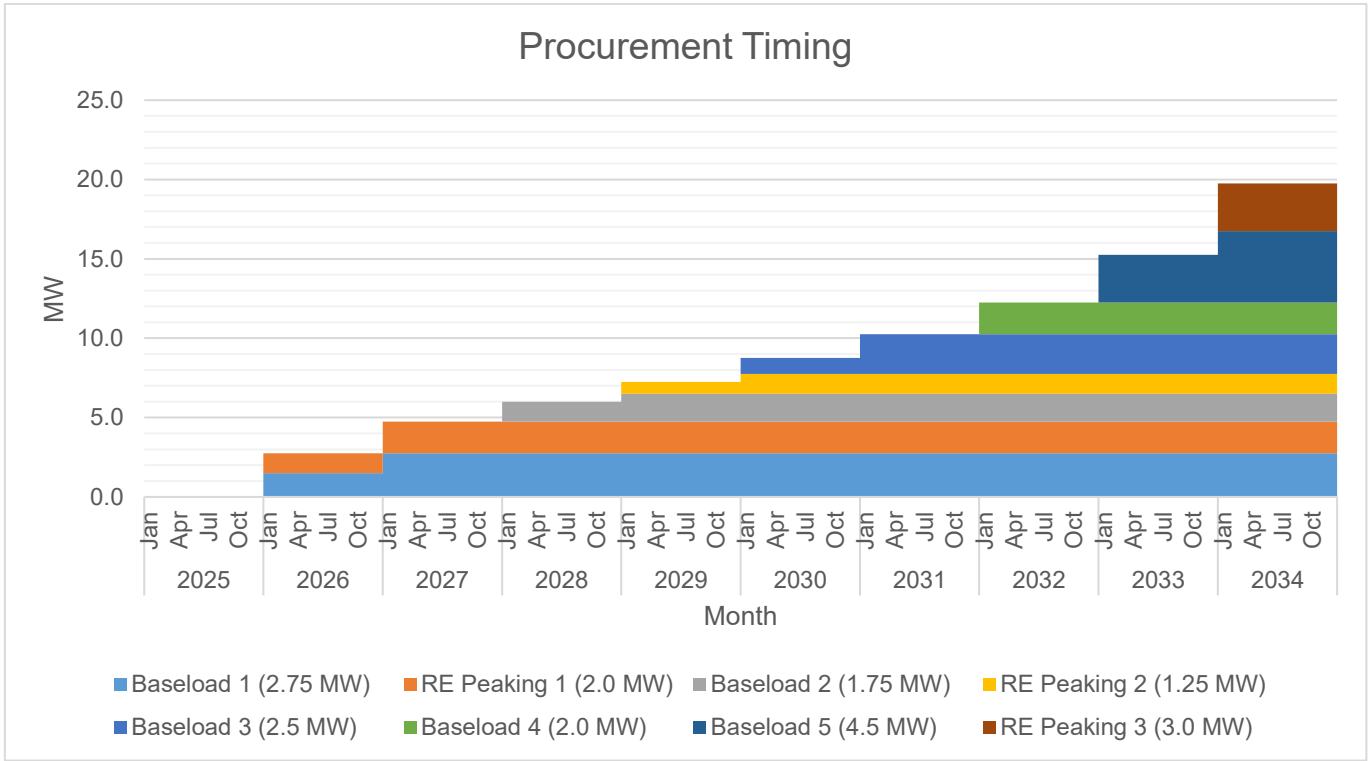
The Peak Demand was forecasted using the load factor approach and was assumed to occur on the month September using the 2024 seasonality within the year as reference. Monthly peak demand is at its lowest in January, as it marks the first month of employees of the commercial businesses resuming work activities following the Christmas holiday season. For the 10-year forecast, peak Demand is expected to grow at a CAGR of 32.5%. SCPC is also seeing this established loading trends to evolve as more and more locators come in.



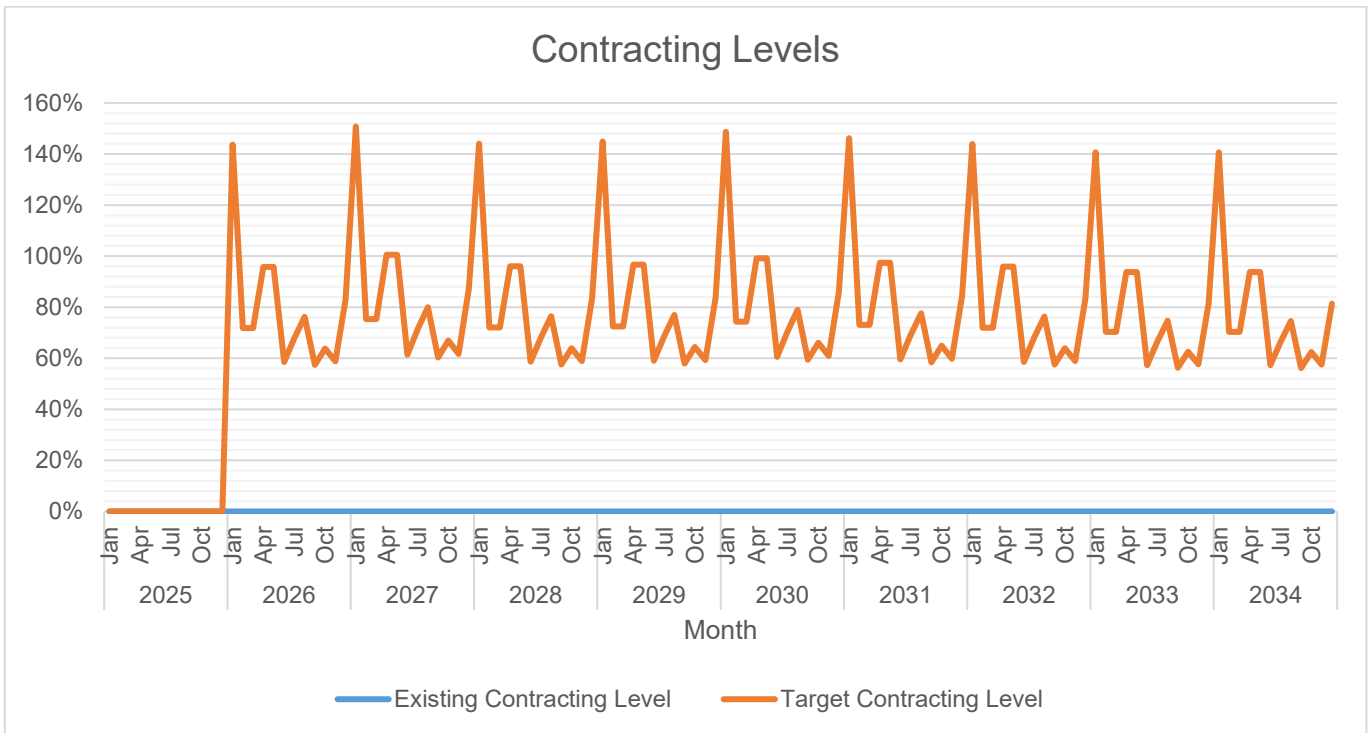
The available supply is generally below the Peak Demand. This is because SCPC intends to take the conservative approach when it comes to supply sourcing. Any planned MW supply deficit will be sourced from WESM.



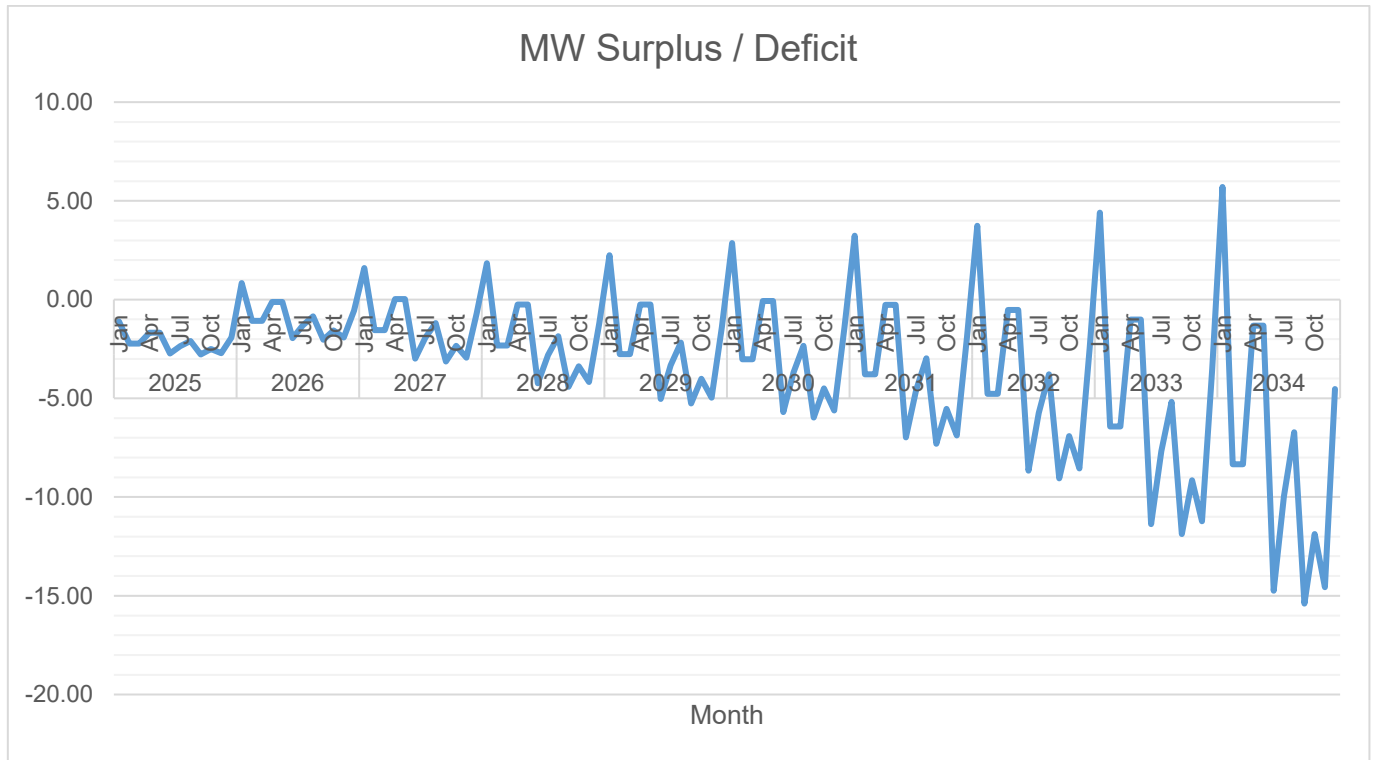
Of the available supply to be procured, the largest is 4.5 MW. This is followed by 3.0 MW. SCPC will still have to determine the Suppliers to be invited when it conducts its planned CSPs starting 2025.



The first wave of supply procurement will be for 2.75 MW for the baseload and peaking requirements of 2.0 MW and is planned to be available by the month of January 2026. This will be followed by 1.75 MW 2028, another 1.25 MW in 2029, 2.5 MW in 2030, 2.0 MW in 2032, 4.5 MW in 2033 and 3.0 MW in 2034. Sources of energy will be a mix of conventional and renewable energy for all planned power supply agreements, cognizant of the ruling on Renewable Energy mix.



Currently, SCPC has no PSA contracts. However, for the next 10 years, it is seen that the highest target contracting level is 151%, which is expected to occur in January 2027. The lowest target contracting level is 56%, which is expected to occur in September 2033.



Currently, there is no under-contracting nor over-contracting as SCPC does not have PSAs yet. The highest surplus is 5.7 MW which is expected to occur in January 2034. This surplus is driven by low demand during this period, as no special events are anticipated, combined with the gradual resumption of commercial and business activities following the Christmas holiday season. The lowest deficit is -15.4 MW as forecasted to occur between July and September 2034, when electricity demand is expected to peak due to events take place inside NCC and commercial establishments are expected to boost operations as the Christmas season is started.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	549	519	26	0.53%	4.85%
	Feb	562	532	27	0.53%	4.85%
	Mar	571	540	28	0.52%	4.85%
	Apr	549	520	27	0.45%	4.85%
	May	591	559	29	0.50%	4.85%
	Jun	566	536	27	0.47%	4.85%
	Jul	571	540	28	0.50%	4.85%
	Aug	556	526	27	0.50%	4.85%
	Sep	593	562	29	0.52%	4.85%
	Oct	647	612	31	0.56%	4.85%
	Nov	618	586	30	0.32%	4.85%
	Dec	589	559	28	0.35%	4.85%
2026	Jan	1,088	1,029	51	0.72%	4.75%
	Feb	1,115	1,054	53	0.72%	4.75%
	Mar	1,131	1,070	53	0.72%	4.75%
	Apr	1,088	1,030	51	0.68%	4.75%
	May	1,172	1,108	55	0.71%	4.75%

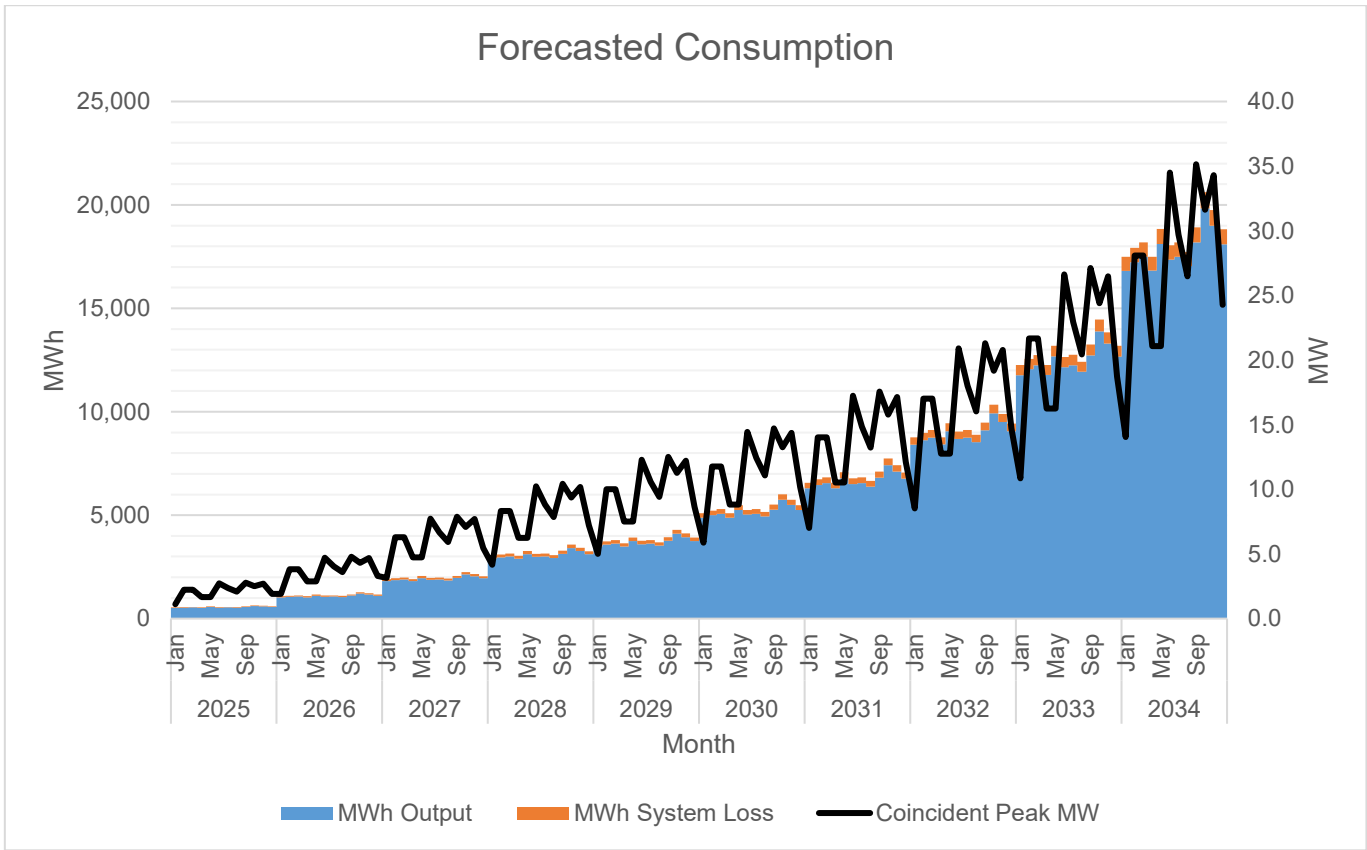
	Jun	1,123	1,062	53	0.69%	4.75%
	Jul	1,132	1,070	53	0.71%	4.75%
	Aug	1,103	1,043	52	0.71%	4.75%
	Sep	1,177	1,113	55	0.72%	4.75%
	Oct	1,283	1,213	60	0.74%	4.75%
	Nov	1,229	1,162	58	0.72%	4.75%
	Dec	1,171	1,107	55	0.73%	4.75%
2027	Jan	1,922	1,817	91	0.75%	4.75%
	Feb	1,970	1,862	93	0.75%	4.75%
	Mar	1,999	1,890	94	0.75%	4.75%
	Apr	1,923	1,818	91	0.72%	4.75%
	May	2,070	1,957	98	0.74%	4.75%
	Jun	1,984	1,876	94	0.73%	4.75%
	Jul	1,999	1,890	94	0.74%	4.75%
	Aug	1,948	1,842	92	0.74%	4.75%
	Sep	2,079	1,965	98	0.75%	4.75%
	Oct	2,267	2,142	107	0.77%	4.75%
	Nov	2,171	2,052	102	0.75%	4.75%
	Dec	2,069	1,955	98	0.76%	4.75%
2028	Jan	3,054	2,894	136	0.77%	4.50%
	Feb	3,129	2,965	140	0.77%	4.50%
	Mar	3,176	3,010	142	0.77%	4.50%
	Apr	3,055	2,896	136	0.75%	4.50%
	May	3,288	3,116	147	0.76%	4.50%
	Jun	3,153	2,988	141	0.75%	4.50%
	Jul	3,177	3,011	142	0.76%	4.50%
	Aug	3,095	2,933	138	0.76%	4.50%
	Sep	3,303	3,130	147	0.77%	4.50%
	Oct	3,601	3,412	161	0.78%	4.50%
	Nov	3,449	3,268	154	0.77%	4.50%
	Dec	3,287	3,114	147	0.78%	4.50%
2029	Jan	3,673	3,486	159	0.76%	4.35%
	Feb	3,763	3,572	162	0.76%	4.35%
	Mar	3,819	3,625	165	0.76%	4.35%
	Apr	3,674	3,488	159	0.74%	4.35%
	May	3,954	3,754	171	0.75%	4.35%
	Jun	3,791	3,599	164	0.75%	4.35%
	Jul	3,820	3,626	165	0.75%	4.35%
	Aug	3,722	3,533	161	0.75%	4.35%
	Sep	3,972	3,770	171	0.76%	4.35%
	Oct	4,330	4,110	187	0.77%	4.35%
	Nov	4,147	3,936	179	0.76%	4.35%
	Dec	3,952	3,751	171	0.76%	4.35%
2030	Jan	5,131	4,875	216	0.77%	4.25%
	Feb	5,257	4,995	222	0.77%	4.25%
	Mar	5,335	5,069	225	0.77%	4.25%
	Apr	5,132	4,877	216	0.75%	4.25%
	May	5,524	5,249	233	0.76%	4.25%

	Jun	5,296	5,032	223	0.76%	4.25%
	Jul	5,336	5,071	225	0.76%	4.25%
	Aug	5,199	4,940	219	0.76%	4.25%
	Sep	5,549	5,272	234	0.77%	4.25%
	Oct	6,049	5,747	255	0.77%	4.25%
	Nov	5,793	5,504	244	0.77%	4.25%
	Dec	5,521	5,246	233	0.77%	4.25%
2031	Jan	6,618	6,295	273	0.76%	4.15%
	Feb	6,781	6,450	279	0.76%	4.15%
	Mar	6,882	6,546	283	0.76%	4.15%
	Apr	6,620	6,298	273	0.75%	4.15%
	May	7,125	6,778	293	0.76%	4.15%
	Jun	6,831	6,498	281	0.76%	4.15%
	Jul	6,884	6,548	284	0.76%	4.15%
	Aug	6,707	6,380	276	0.76%	4.15%
	Sep	7,158	6,808	295	0.76%	4.15%
	Oct	7,803	7,422	321	0.77%	4.15%
	Nov	7,473	7,108	308	0.76%	4.15%
	Dec	7,122	6,774	293	0.77%	4.15%
2032	Jan	8,832	8,415	351	0.75%	4.00%
	Feb	9,049	8,622	359	0.75%	4.00%
	Mar	9,183	8,750	365	0.75%	4.00%
	Apr	8,834	8,418	351	0.74%	4.00%
	May	9,508	9,060	378	0.74%	4.00%
	Jun	9,116	8,686	362	0.74%	4.00%
	Jul	9,186	8,753	365	0.74%	4.00%
	Aug	8,950	8,528	355	0.74%	4.00%
	Sep	9,551	9,101	379	0.75%	4.00%
	Oct	10,413	9,922	413	0.75%	4.00%
	Nov	9,972	9,501	396	0.75%	4.00%
	Dec	9,504	9,055	377	0.75%	4.00%
2033	Jan	12,350	11,773	484	0.75%	3.95%
	Feb	12,653	12,062	496	0.75%	3.95%
	Mar	12,841	12,242	503	0.75%	3.95%
	Apr	12,353	11,777	484	0.74%	3.95%
	May	13,296	12,675	521	0.75%	3.95%
	Jun	12,747	12,152	500	0.75%	3.95%
	Jul	12,845	12,245	504	0.75%	3.95%
	Aug	12,515	11,931	491	0.75%	3.95%
	Sep	13,356	12,732	524	0.75%	3.95%
	Oct	14,561	13,881	571	0.75%	3.95%
	Nov	13,944	13,293	547	0.75%	3.95%
	Dec	13,289	12,668	521	0.75%	3.95%
2034	Jan	17,622	16,818	673	0.74%	3.85%
	Feb	18,055	17,232	690	0.74%	3.85%
	Mar	18,324	17,488	700	0.74%	3.85%
	Apr	17,627	16,824	674	0.74%	3.85%
	May	18,972	18,107	725	0.74%	3.85%

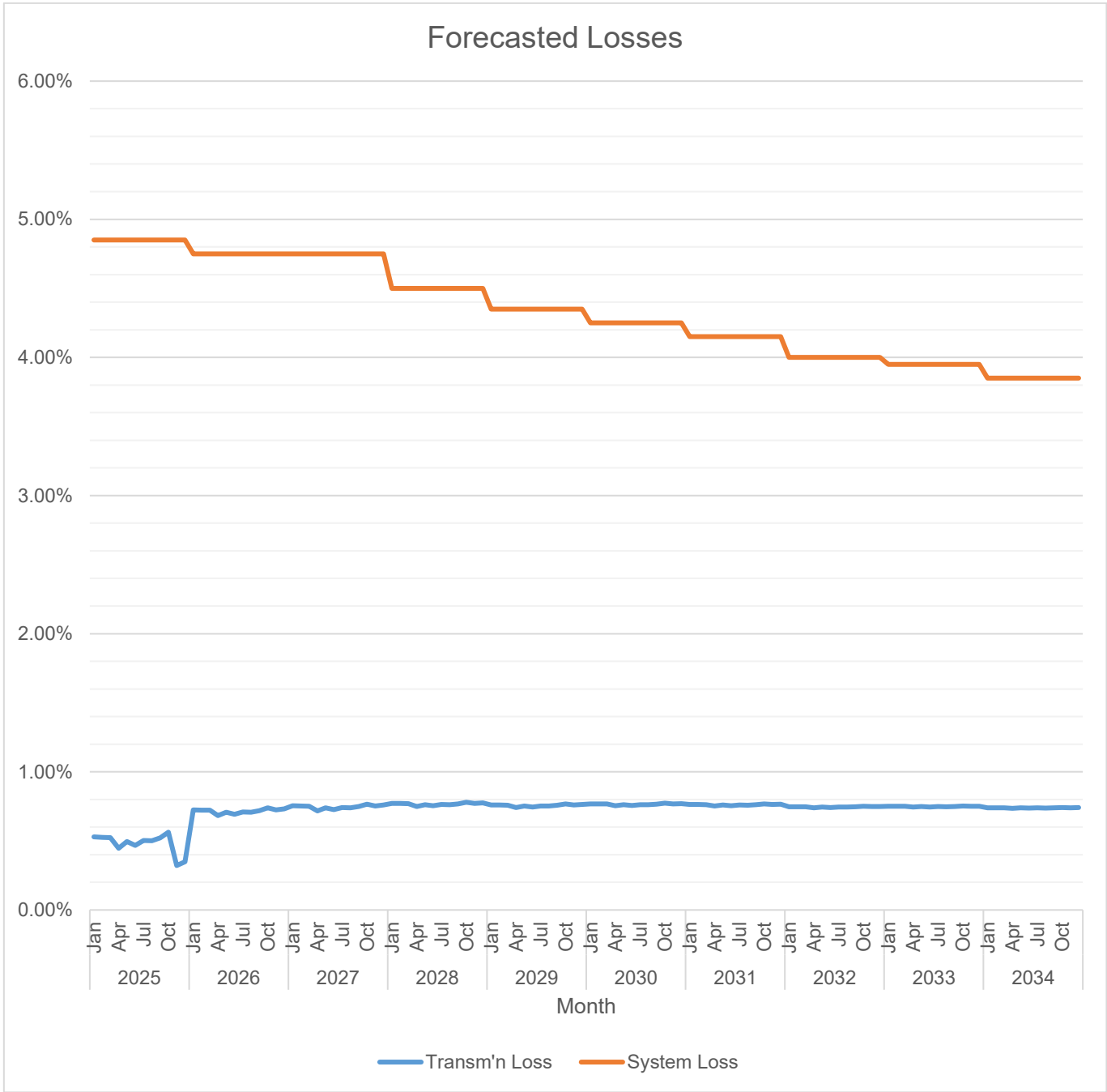
	Jun	18,189	17,360	695	0.74%	3.85%
	Jul	18,329	17,493	700	0.74%	3.85%
	Aug	17,858	17,044	682	0.74%	3.85%
	Sep	19,058	18,189	728	0.74%	3.85%
	Oct	20,778	19,829	794	0.74%	3.85%
	Nov	19,897	18,990	760	0.74%	3.85%
	Dec	18,963	18,097	725	0.74%	3.85%

In forecasting for the System Loss in the next ten years, SCPC used the trending established based on the monthly historical figures indexed on the MWh Output, added with a constant core loss from the power transformer and Company's Own-Use. Based on this methodology, SCPC is confident that the distribution system can adequately convey electricity to customers.

Moving forward, SCPC intends to purchase a Load Flow analytical software to have a more accurate forecasting of System Loss.



MWh Output was expected to grow at a CAGR of 46.88%.



Transmission Loss is expected to range from 0.32% to 0.78% while System Loss is expected to range from 4.85% to 3.85%.

## Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End

At present, SCPC has not yet inked a Power Supply Agreement (PSA) with any generation company. From September 2019 – May 2024, it has been getting its power supply from TARELCO II under a Temporary Power Supply Agreement (TPSA). From June 2024 onwards, SCPC entered a Sale for Resale (S4R) agreement with CEDC. Under these contracts, TPSA and S4R, there is no minimum MWh Offtake and SCPC only pays for what is metered monthly.

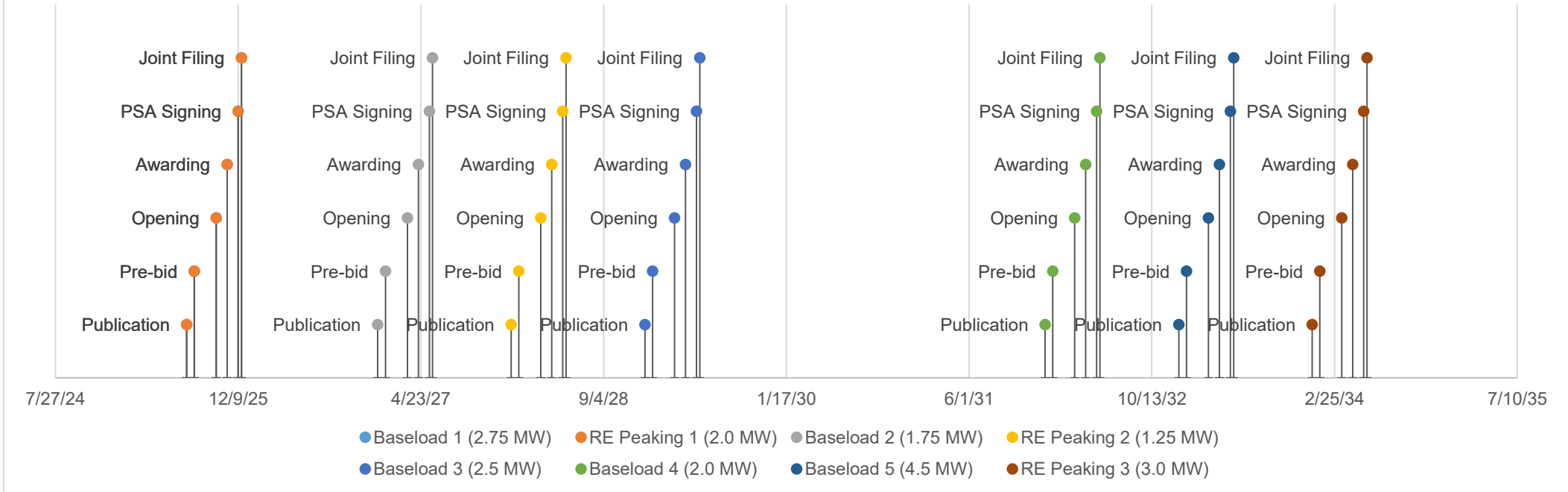
	Baseload 1 (2.75 MW)		RE Peaking 1 (2.0 MW)		Baseload 2 (1.75 MW)		RE Peaking 2 (1.25 MW)		Baseload 3 (2.5 MW)		Baseload 4 (2.0 MW)	Baseload 5 (4.5 MW)		RE Peaking 3 (3.0 MW)
Type	Base		Peaking		Base		Peaking		Base		Base	Base		Peaking
Minimum MW	1.50	2.75	1.25	2.00	1.25	1.75	0.75	1.25	1.00	2.50	2.00	3.00	4.50	4.00
Minimum MWh/yr	9,198	16,863	2,026	3,241	8,784	12,264	1,215	2,026	7,008	19,710	15,811	23,652	37,449	4,862
PSA Start	12/26/2025	12/26/2026	12/26/2025	12/26/2026	12/26/2027	12/26/2028	12/26/2028	12/26/2029	12/26/2029	12/26/2030	12/26/2032	12/26/2033	12/26/2034	12/26/2034
PSA End	12/25/2026	12/25/2034	12/25/2026	12/25/2034	12/25/2028	12/25/2036	12/25/2029	12/25/2037	12/25/2030	12/25/2038	12/25/2041	12/25/2034	12/25/2042	12/25/2043
Publication	7/21/2025		7/21/2025		12/26/2026		12/26/2027		12/26/2028		12/26/2031	12/26/2032		12/26/2033
Pre-bid	8/11/2025		8/11/2025		1/16/2027		1/16/2028		1/16/2029		1/16/2032	1/16/2033		1/16/2034
Opening	10/10/2025		10/10/2025		3/17/2027		3/16/2028		3/17/2029		3/16/2032	3/17/2033		3/17/2034
Awarding	11/9/2025		11/9/2025		4/16/2027		4/15/2028		4/16/2029		4/15/2032	4/16/2033		4/16/2034
PSA Signing	12/9/2025		12/9/2025		5/16/2027		5/15/2028		5/16/2029		5/15/2032	5/16/2033		5/16/2034
Joint Filing	12/18/2025		12/18/2025		5/25/2027		5/24/2028		5/25/2029		5/24/2032	5/25/2033		5/25/2034

The 2026–2034 energy procurement strategy conservatively targets below the forecasted annual energy requirements based on NCC’s projected demand (MW) during each year. This results in periods of excess contracted capacity during off-peak month (January) relative to the planned total MW under contract. However, to align this contracted capacity with forecasted energy (MWh) needs of customers, SCPC will optimize utilization by adjusting the Minimum Energy Off-take (MEOT) obligations during these periods.

To meet annual peak demand requirements, SCPC plans to procure the deficit capacity (MW) and energy (MWh) from the Wholesale Electricity Spot Market (WESM). This strategy mitigates the risk exposure to unstable purchase power cost, as SCPC anticipates peak conditions will occur only for limited durations, resulting in WESM-sourced energy contributing a minimal portion of total energy procurement.

Referring to the above table, all CSP’s with two minimum demands (MW), SCPC plans to procure a lower MW demand for its first year of contract to meet initial customers’ demand. Additional capacity will be contracted in the second year onwards to accommodate forecasted demand growth. For example, under Baseload 1 in CSP 1, SCPC will procure 1.5 MW for Year 1 and 2.75 MW from Year 2 until the end of contract. Thus, the table above indicates the minimum contracted MW and MWhr per year for each CSP, reflecting the different contract periods.

## Procurement Schedule



For the procurement of 2.75 MW (1.5 MW for the first year) of supply which is planned to be available on December 26, 2025, the first publication or launch of CSP will be on July 21, 2025. Joint filing is planned on December 18, 2025 or 150 days later, in accordance with DOE's 2018 CSP Policy.

For the procurement of 2.0 MW (1.25 MW for the first year) of supply which is planned to be available on December 26, 2025, the first publication or launch of CSP will be on July 21, 2025. Joint filing is planned on December 18, 2025 or 150 days later, in accordance with DOE's 2018 CSP Policy.

For the procurement of 1.75 MW (1.25 MW for the first year) of supply which is planned to be available on December 26, 2027, the first publication or launch of CSP will be on December 26, 2026. Joint filing is planned on May 25, 2027 or 150 days later, in accordance with DOE's 2018 CSP Policy.

For the procurement of 1.25 MW (0.75 MW for the first year) of supply which is planned to be available on December 26, 2028, the first publication or launch of CSP will be on December 26, 2027. Joint filing is planned on May 24, 2028 or 150 days later, in accordance with DOE's 2018 CSP Policy.

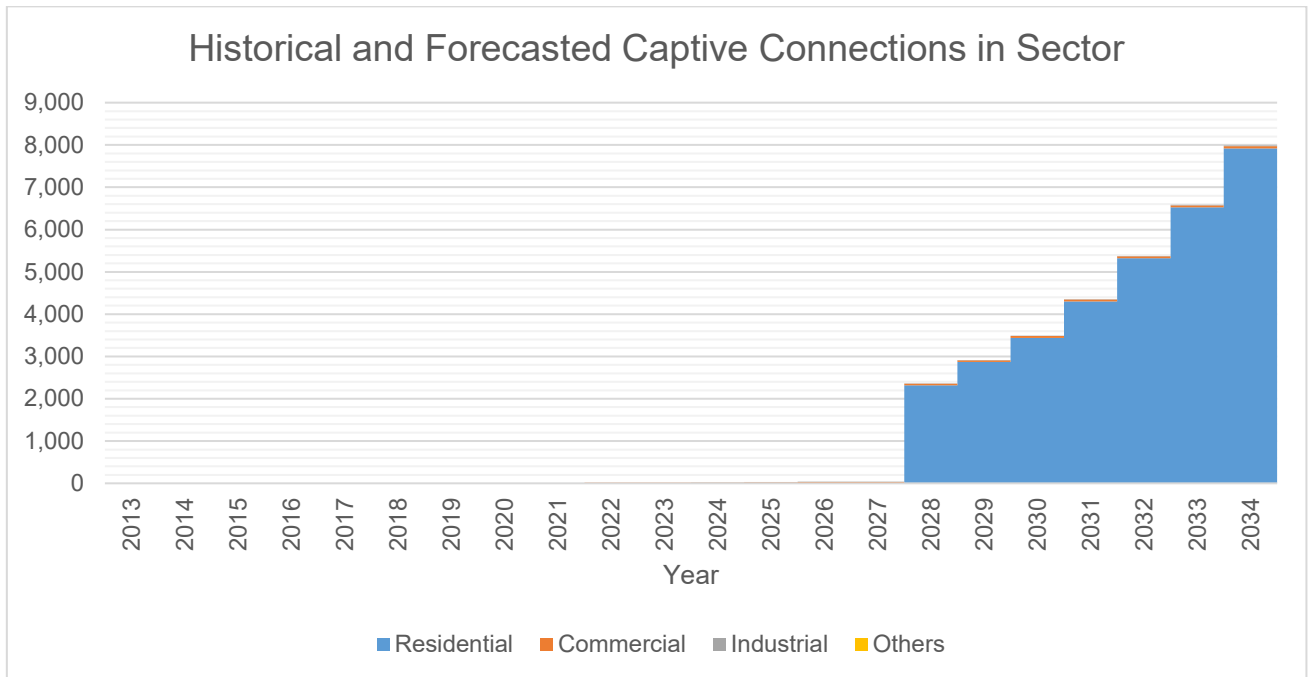
For the procurement of 2.5 MW (1.0 MW for the first year) of supply which is planned to be available on December 26, 2029, the first publication or launch of CSP will be on December 26, 2028. Joint filing is planned on May 25, 2029 or 150 days later, in accordance with DOE's 2018 CSP Policy.

For the procurement of 2.0 MW of supply which is planned to be available on December 26, 2032, the first publication or launch of CSP will be on December 26, 2031. Joint filing is planned on May 24, 2032 or 150 days later, in accordance with DOE's 2018 CSP Policy.

For the procurement of 4.5 MW (3.0 MW for the first year) of supply which is planned to be available on December 26, 2033, the first publication or launch of CSP will be on December 26, 2032. Joint filing is planned on May 25, 2033 or 150 days later, in accordance with DOE's 2018 CSP Policy.

For the procurement of 3.0 MW of supply which is planned to be available on December 26, 2034, the first publication or launch of CSP will be on December 26, 2033. Joint filing is planned on May 25, 2034 or 150 days later, in accordance with DOE's 2018 CSP Policy.

## Captive Customer Connections



The number of commercial connections is expected to grow at a CAGR of 9% from 2025 to 2034. Commercial customers are expected to account for 76% of the total consumption by CY 2034.

The number of industrial connections is expected to grow at a faster CAGR of 33% from 2025 to 2034. Industrial customers are expected to account for 20% of the total consumption by CY 2034.

The number of residential connections is expected to grow at a CAGR of 23% but will only start coming in by CY 2028. Residential customers are expected to account for 4% of the total consumption by CY 2035. However, the entry of residential customers could be pulled forward once SCPC gets a more accurate growth assessment from BCDA on the entry of locators into NCC.