

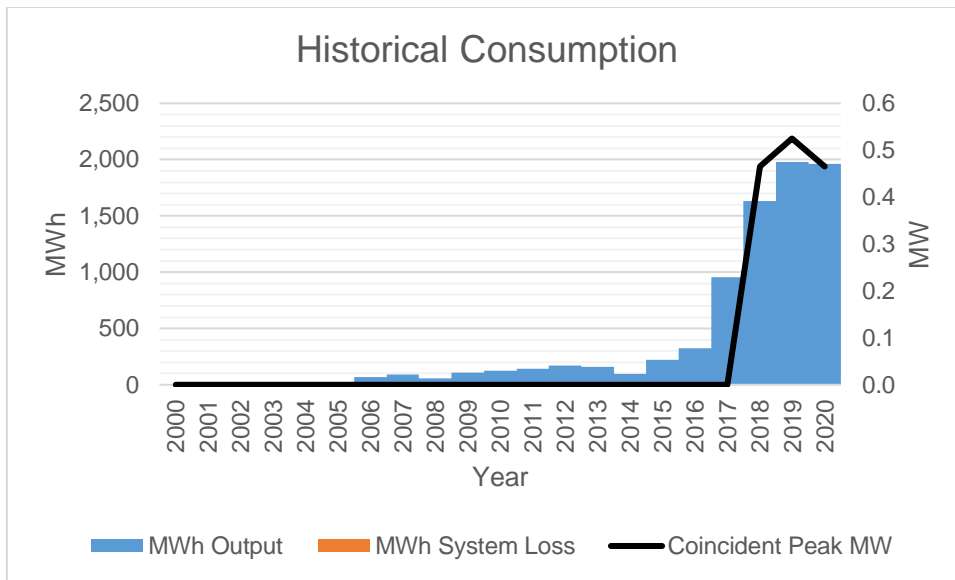
Power Supply Procurement Plan 2021

**Iloilo III Electric Cooperative, Inc. (ILECO III) – Gigantes
Island**

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	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2001	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2002	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2003	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2004	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2005	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2006	0.00	186	0	67	67	0	#DIV/0!	0.00%	63.98%	0.00%
2007	0.00	208	0	89	89	0	#DIV/0!	0.00%	57.21%	0.00%
2008	0.00	179	0	57	57	0	#DIV/0!	0.00%	68.41%	0.00%
2009	0.00	244	0	106	106	0	#DIV/0!	0.00%	56.64%	0.00%
2010	0.00	240	0	128	128	0	#DIV/0!	0.00%	46.74%	0.00%
2011	0.00	232	0	142	142	0	#DIV/0!	0.00%	38.78%	0.00%
2012	0.00	256	0	173	173	0	#DIV/0!	0.00%	32.39%	0.00%
2013	0.00	213	0	157	157	0	#DIV/0!	0.00%	26.34%	0.00%
2014	0.00	118	0	95	95	0	#DIV/0!	0.00%	18.96%	0.00%
2015	0.00	287	0	224	224	0	#DIV/0!	0.00%	21.91%	0.00%
2016	0.00	398	0	326	326	0	#DIV/0!	0.00%	18.11%	0.00%
2017	0.00	1,109	0	953	953	0	#DIV/0!	0.00%	14.02%	0.00%
2018	0.47	1,831	0	1,631	1,631	0	40%	0.00%	10.88%	0.00%
2019	0.53	2,191	0	1,980	1,980	0	43%	0.00%	9.66%	0.00%
2020	0.47	2,189	0	1,961	1,961	0	48%	0.00%	10.43%	0.00%

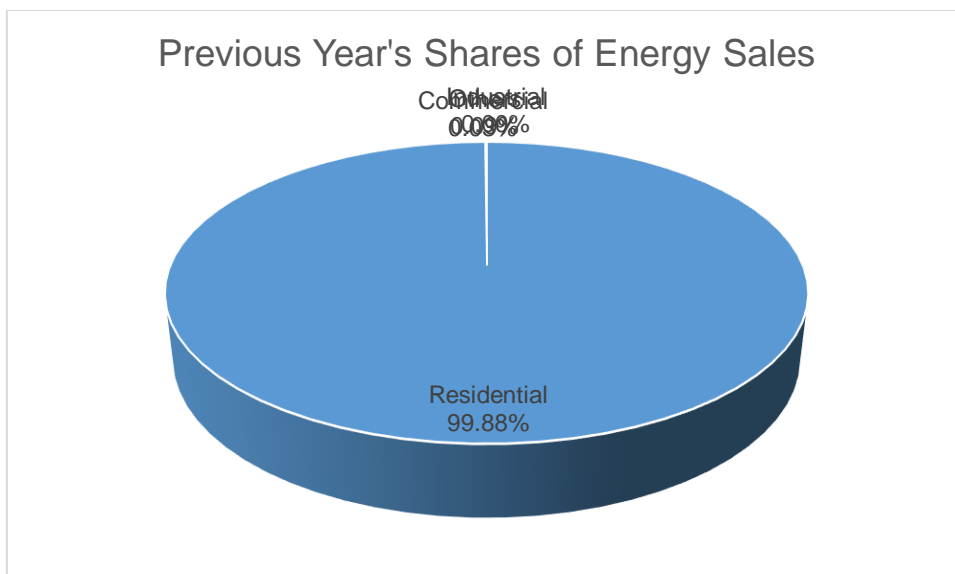
Peak Demand decreased from 0.53 MW in 2019 to 0.47 MW in 2020 at a rate of 11% due to COVID-19 Pandemic. MWh Offtake decreased from 2,191 MWh in 2019 to 2189 MWh in 2020 at a rate of 0.1% due to the same reason. Within the same period, Load Factor ranged from 40% to 48%. There was an abrupt change in consumption on 2020 due to COVID-19 Pandemic.



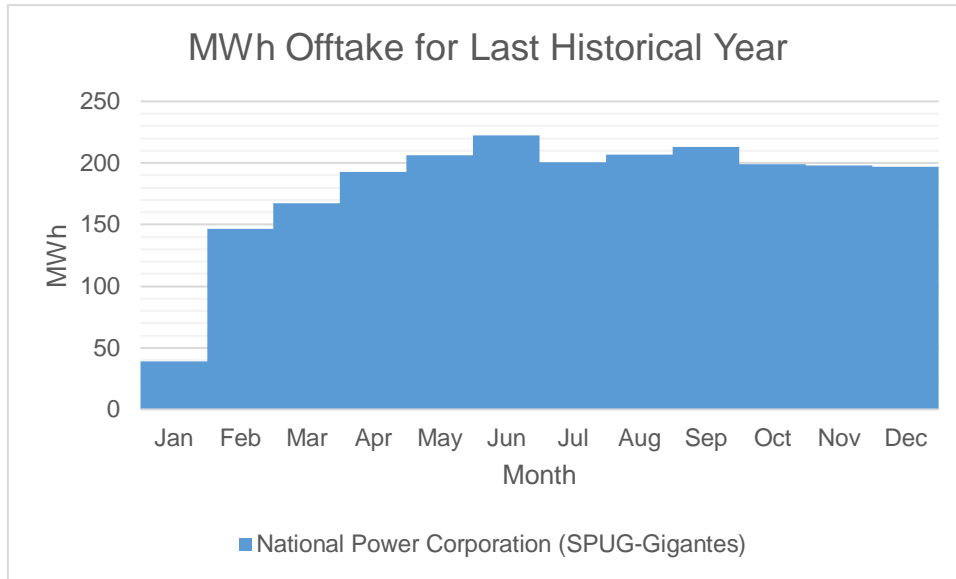
MWh Output decreased from year 2019 to year 2020 at a rate of 1%, while MWh System Loss remained at a rate of 0% within the same period.



Historically, Transmission Loss ranged from 68.41% to 9.66% while System Loss remained to 0%. Transmission Loss peaked at 68.41% on year 2008.

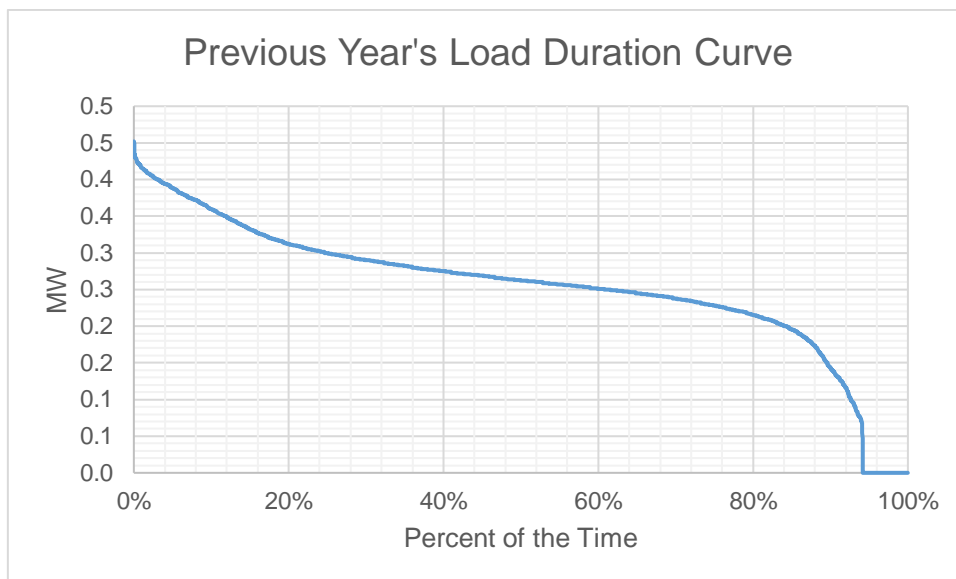


Residential customers account for the bulk of energy sales at 99.88% due to the high number of connections. In contrast, Commercial and Public Building customers accounted for only 0.12% of energy sales due to the low number of connections.

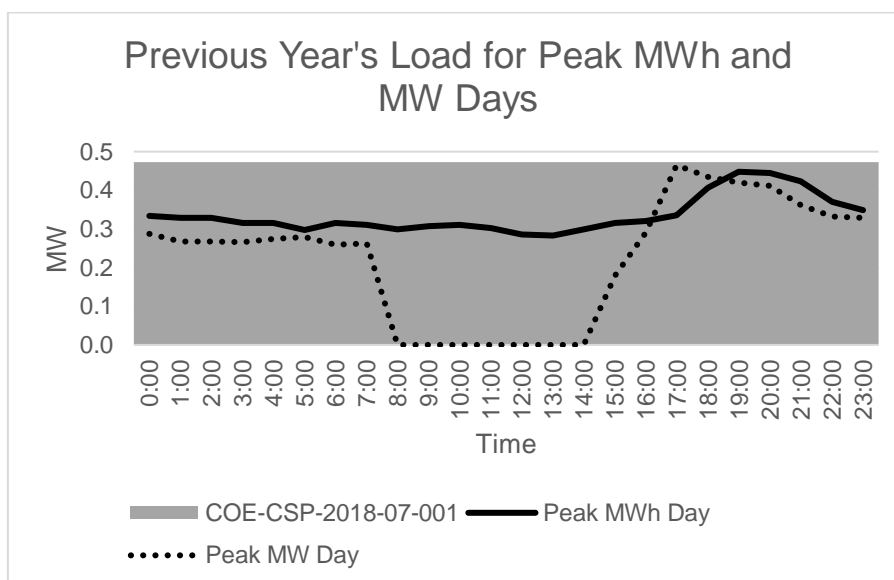


For National Power Corp. (NPC) - SPUG, the total Offtake for the last historical year is lower than the quantity stipulated in the PSA and it accounts for the bulk of MWh Offtake as sole power supplier.

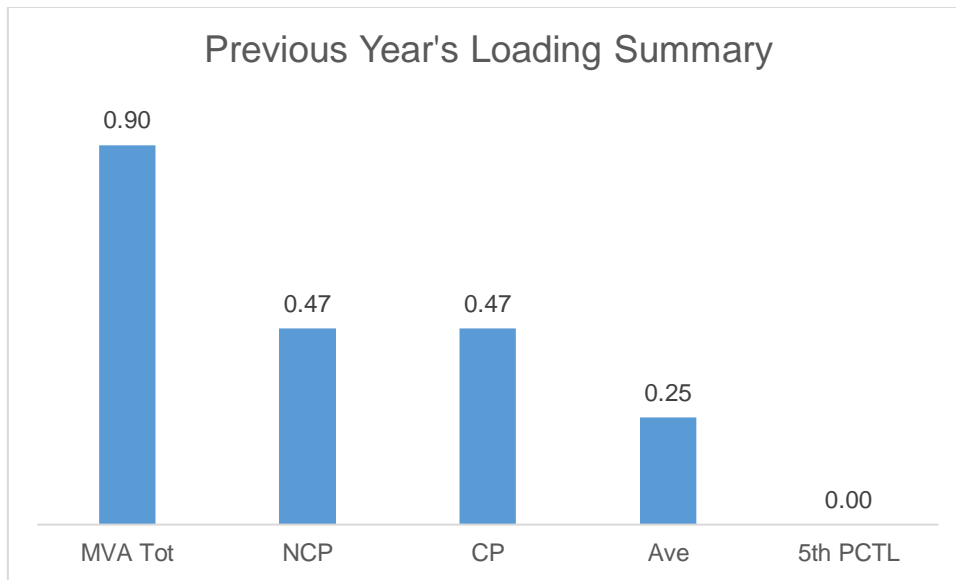
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 0 MW and the maximum load is 0.47 MW for the last historical year.



Peak MW occurred on hour 17 and peak daily MWh occurred on hour 19. As shown in the Load Curves, the available supply is within the Peak Demand.



The Non-coincident Peak Demand is 0.47 MW, which is around 47% of the total substation capacity of 0.9 MVA at a power factor of 95%. The load factor or the ratio between the Average Load of 0.25 MW and the Non-coincident Peak Demand is 53%. A safe estimate of the true minimum load is the fifth percentile load of 0 MW which is 0% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
NPC-Spug (Gigantes)	0.9	0.465

No substations loaded at above 70%.

Forecasted Consumption Data

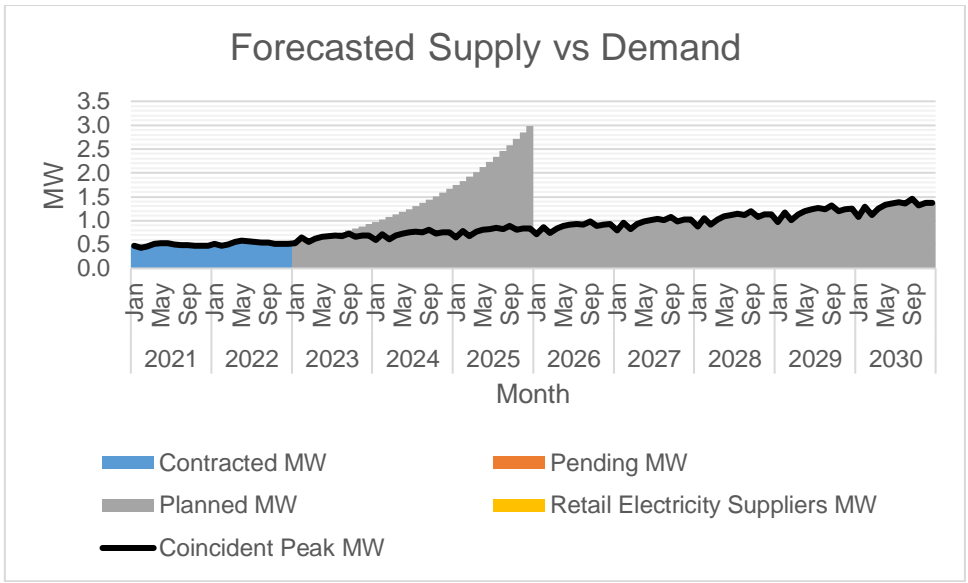
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2021	Jan	0.47	0.47	0.00	0.000		100%	100%	0.00
	Feb	0.43	0.43	0.00	0.000		100%	100%	0.00
	Mar	0.46	0.46	0.00	0.000		100%	100%	0.00
	Apr	0.51	0.51	0.00	0.000		100%	100%	0.00
	May	0.53	0.53	0.00	0.000		100%	100%	0.00
	Jun	0.53	0.53	0.00	0.000		100%	100%	0.00
	Jul	0.51	0.51	0.00	0.000		100%	100%	0.00
	Aug	0.49	0.49	0.00	0.000		100%	100%	0.00
	Sep	0.49	0.49	0.00	0.000		100%	100%	0.00
	Oct	0.47	0.47	0.00	0.000		100%	100%	0.00
	Nov	0.47	0.47	0.00	0.000		100%	100%	0.00
	Dec	0.48	0.48	0.00	0.000		100%	100%	0.00
2022	Jan	0.51	0.51	0.00	0.000		100%	100%	0.00
	Feb	0.47	0.47	0.00	0.000		100%	100%	0.00
	Mar	0.50	0.50	0.00	0.000		100%	100%	0.00
	Apr	0.56	0.56	0.00	0.000		100%	100%	0.00
	May	0.58	0.58	0.00	0.000		100%	100%	0.00
	Jun	0.57	0.57	0.00	0.000		100%	100%	0.00
	Jul	0.55	0.55	0.00	0.000		100%	100%	0.00
	Aug	0.54	0.54	0.00	0.000		100%	100%	0.00
	Sep	0.54	0.54	0.00	0.000		100%	100%	0.00
	Oct	0.51	0.51	0.00	0.000		100%	100%	0.00
	Nov	0.51	0.51	0.00	0.000		100%	100%	0.00
	Dec	0.52	0.52	0.00	0.000		100%	100%	0.00
2023	Jan	0.53	0.00	0.00	0.542		0%	101%	0.01
	Feb	0.64	0.00	0.00	0.569		0%	89%	-0.07
	Mar	0.55	0.00	0.00	0.597		0%	108%	0.04
	Apr	0.63	0.00	0.00	0.627		0%	100%	0.00

	May	0.66	0.00	0.00	0.659		0%	99%	-0.01
	Jun	0.68	0.00	0.00	0.691		0%	102%	0.01
	Jul	0.69	0.00	0.00	0.726		0%	105%	0.03
	Aug	0.68	0.00	0.00	0.762		0%	112%	0.08
	Sep	0.73	0.00	0.00	0.800		0%	110%	0.07
	Oct	0.66	0.00	0.00	0.841		0%	127%	0.18
	Nov	0.69	0.00	0.00	0.883		0%	129%	0.20
	Dec	0.69	0.00	0.00	0.927		0%	135%	0.24
2024	Jan	0.59	0.00	0.00	0.973		0%	165%	0.38
	Feb	0.71	0.00	0.00	1.022		0%	144%	0.31
	Mar	0.61	0.00	0.00	1.073		0%	175%	0.46
	Apr	0.69	0.00	0.00	1.126		0%	163%	0.43
	May	0.73	0.00	0.00	1.183		0%	161%	0.45
	Jun	0.75	0.00	0.00	1.242		0%	166%	0.49
	Jul	0.77	0.00	0.00	1.304		0%	170%	0.54
	Aug	0.75	0.00	0.00	1.369		0%	182%	0.62
	Sep	0.80	0.00	0.00	1.438		0%	179%	0.63
	Oct	0.73	0.00	0.00	1.509		0%	207%	0.78
	Nov	0.76	0.00	0.00	1.585		0%	209%	0.83
	Dec	0.76	0.00	0.00	1.664		0%	219%	0.91
2025	Jan	0.65	0.00	0.00	1.747		0%	268%	1.09
	Feb	0.78	0.00	0.00	1.835		0%	234%	1.05
	Mar	0.68	0.00	0.00	1.926		0%	285%	1.25
	Apr	0.76	0.00	0.00	2.023		0%	265%	1.26
	May	0.81	0.00	0.00	2.124		0%	262%	1.31
	Jun	0.83	0.00	0.00	2.230		0%	269%	1.40
	Jul	0.85	0.00	0.00	2.342		0%	277%	1.50
	Aug	0.83	0.00	0.00	2.459		0%	296%	1.63
	Sep	0.89	0.00	0.00	2.582		0%	291%	1.69
	Oct	0.81	0.00	0.00	2.711		0%	337%	1.91
	Nov	0.84	0.00	0.00	2.846		0%	341%	2.01
	Dec	0.84	0.00	0.00	2.989		0%	357%	2.15
2026	Jan	0.72	0.00	0.00	0.721		0%	100%	0.00

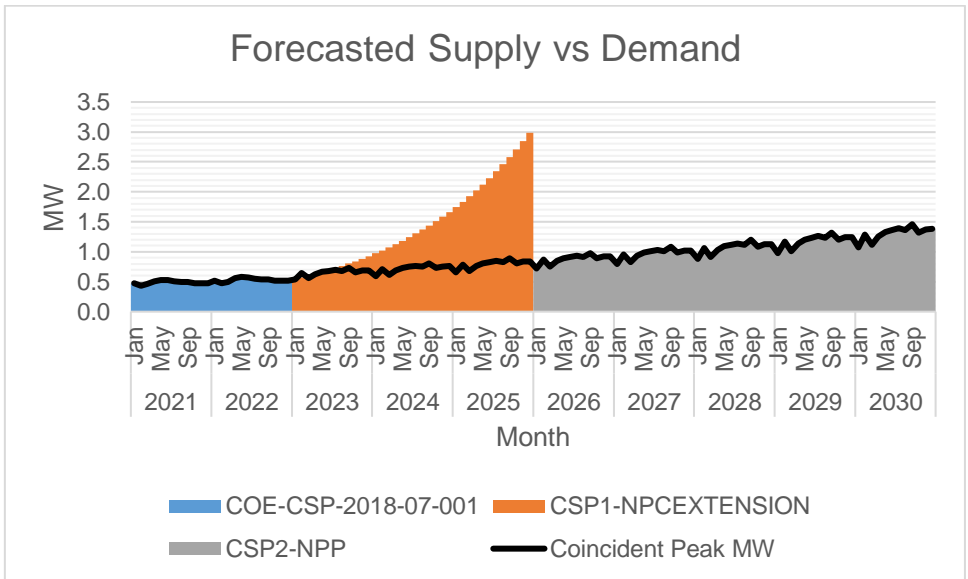
	Feb	0.87	0.00	0.00	0.866		0%	100%	0.00
	Mar	0.75	0.00	0.00	0.748		0%	100%	0.00
	Apr	0.84	0.00	0.00	0.844		0%	100%	0.00
	May	0.89	0.00	0.00	0.895		0%	100%	0.00
	Jun	0.92	0.00	0.00	0.915		0%	100%	0.00
	Jul	0.93	0.00	0.00	0.935		0%	100%	0.00
	Aug	0.92	0.00	0.00	0.917		0%	100%	0.00
	Sep	0.98	0.00	0.00	0.981		0%	100%	0.00
	Oct	0.89	0.00	0.00	0.889		0%	100%	0.00
	Nov	0.92	0.00	0.00	0.923		0%	100%	0.00
	Dec	0.93	0.00	0.00	0.925		0%	100%	0.00
2027	Jan	0.80	0.00	0.00	0.796		0%	100%	0.00
	Feb	0.96	0.00	0.00	0.957		0%	100%	0.00
	Mar	0.83	0.00	0.00	0.826		0%	100%	0.00
	Apr	0.93	0.00	0.00	0.932		0%	100%	0.00
	May	0.99	0.00	0.00	0.988		0%	100%	0.00
	Jun	1.01	0.00	0.00	1.011		0%	100%	0.00
	Jul	1.03	0.00	0.00	1.033		0%	100%	0.00
	Aug	1.01	0.00	0.00	1.013		0%	100%	0.00
	Sep	1.08	0.00	0.00	1.083		0%	100%	0.00
	Oct	0.98	0.00	0.00	0.982		0%	100%	0.00
	Nov	1.02	0.00	0.00	1.020		0%	100%	0.00
	Dec	1.02	0.00	0.00	1.022		0%	100%	0.00
2028	Jan	0.88	0.00	0.00	0.879		0%	100%	0.00
	Feb	1.06	0.00	0.00	1.057		0%	100%	0.00
	Mar	0.91	0.00	0.00	0.913		0%	100%	0.00
	Apr	1.03	0.00	0.00	1.029		0%	100%	0.00
	May	1.09	0.00	0.00	1.091		0%	100%	0.00
	Jun	1.12	0.00	0.00	1.116		0%	100%	0.00
	Jul	1.14	0.00	0.00	1.141		0%	100%	0.00
	Aug	1.12	0.00	0.00	1.119		0%	100%	0.00
	Sep	1.20	0.00	0.00	1.196		0%	100%	0.00
	Oct	1.09	0.00	0.00	1.085		0%	100%	0.00

	Nov	1.13	0.00	0.00	1.127		0%	100%	0.00
	Dec	1.13	0.00	0.00	1.129		0%	100%	0.00
2029	Jan	0.97	0.00	0.00	0.971		0%	100%	0.00
	Feb	1.17	0.00	0.00	1.167		0%	100%	0.00
	Mar	1.01	0.00	0.00	1.008		0%	100%	0.00
	Apr	1.14	0.00	0.00	1.137		0%	100%	0.00
	May	1.21	0.00	0.00	1.206		0%	100%	0.00
	Jun	1.23	0.00	0.00	1.233		0%	100%	0.00
	Jul	1.26	0.00	0.00	1.260		0%	100%	0.00
	Aug	1.24	0.00	0.00	1.235		0%	100%	0.00
	Sep	1.32	0.00	0.00	1.321		0%	100%	0.00
	Oct	1.20	0.00	0.00	1.199		0%	100%	0.00
	Nov	1.24	0.00	0.00	1.244		0%	100%	0.00
	Dec	1.25	0.00	0.00	1.247		0%	100%	0.00
2030	Jan	1.07	0.00	0.00	1.073		0%	100%	0.00
	Feb	1.29	0.00	0.00	1.290		0%	100%	0.00
	Mar	1.11	0.00	0.00	1.113		0%	100%	0.00
	Apr	1.26	0.00	0.00	1.256		0%	100%	0.00
	May	1.33	0.00	0.00	1.332		0%	100%	0.00
	Jun	1.36	0.00	0.00	1.362		0%	100%	0.00
	Jul	1.39	0.00	0.00	1.392		0%	100%	0.00
	Aug	1.36	0.00	0.00	1.365		0%	100%	0.00
	Sep	1.46	0.00	0.00	1.460		0%	100%	0.00
	Oct	1.32	0.00	0.00	1.324		0%	100%	0.00
	Nov	1.37	0.00	0.00	1.375		0%	100%	0.00
	Dec	1.38	0.00	0.00	1.378		0%	100%	0.00

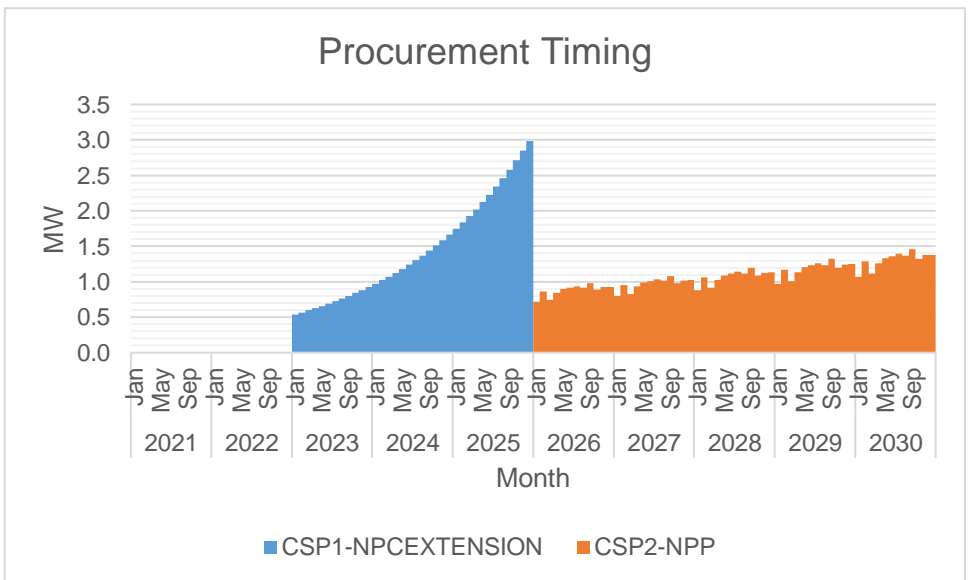
Monthly Peak Demand is at its lowest on the month of February due to cold weather. In general, Peak Demand is expected to grow at an average rate of 12% annually.



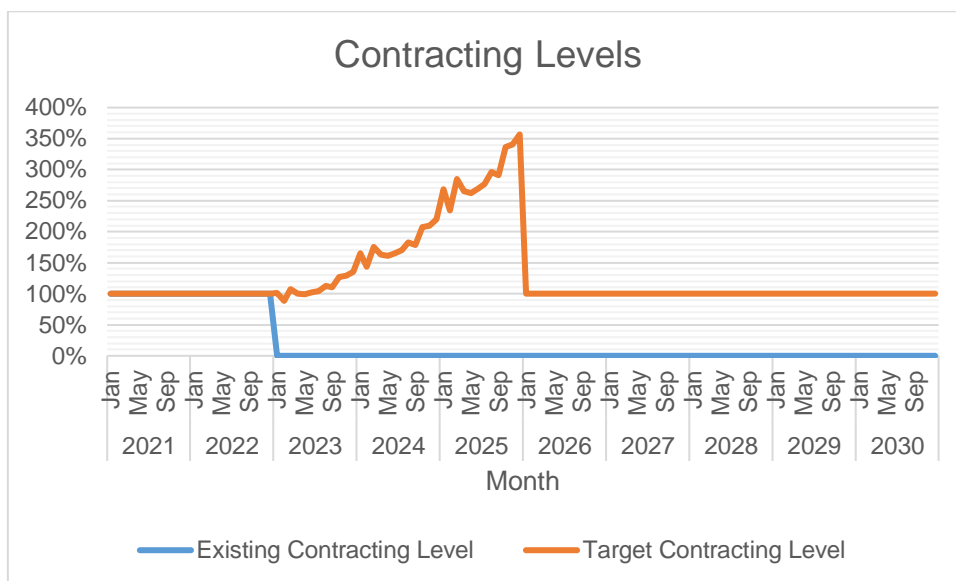
The available supply is generally within the Peak Demand.



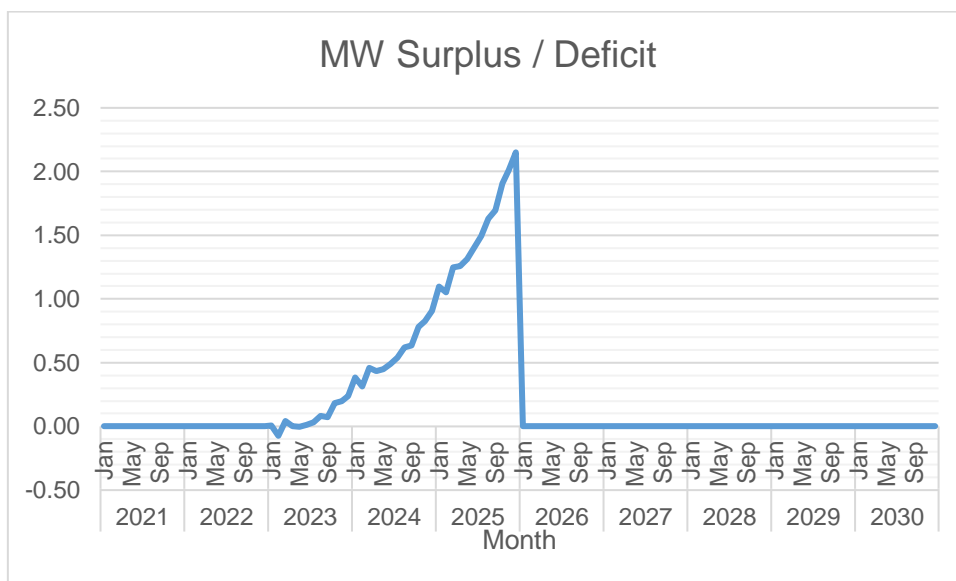
Of the available supply, the largest is 0.58 MW from National Power Corporation (NPC) which is the only power supplier.



The first wave of supply procurement will be for 0.54 MW planned to be available by the month of January 2024. This will be followed by 3.14 MW planned to be available by the month of January 2026.



Currently, there is no under-contracting or over-contracting. The highest target contracting level is 357% which is expected to occur on December 2025. The lowest target contracting level is 89% which is expected to occur on February 2023.



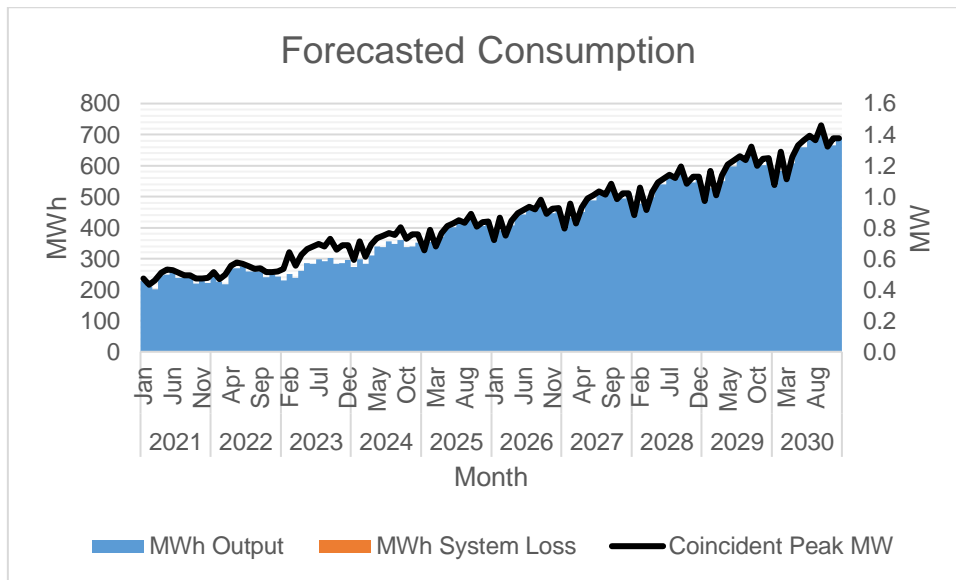
The highest surplus/deficit is 2.15 MW which is expected to occur on the month of December 2025. The lowest surplus/deficit is -0.07 MW which is expected to occur on the month of February 2023.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2021	Jan	229	229	0	0.00%	0.00%
	Feb	209	209	0	0.00%	0.00%
	Mar	200	200	0	0.00%	0.00%
	Apr	247	247	0	0.00%	0.00%
	May	249	249	0	0.00%	0.00%
	Jun	254	254	0	0.00%	0.00%

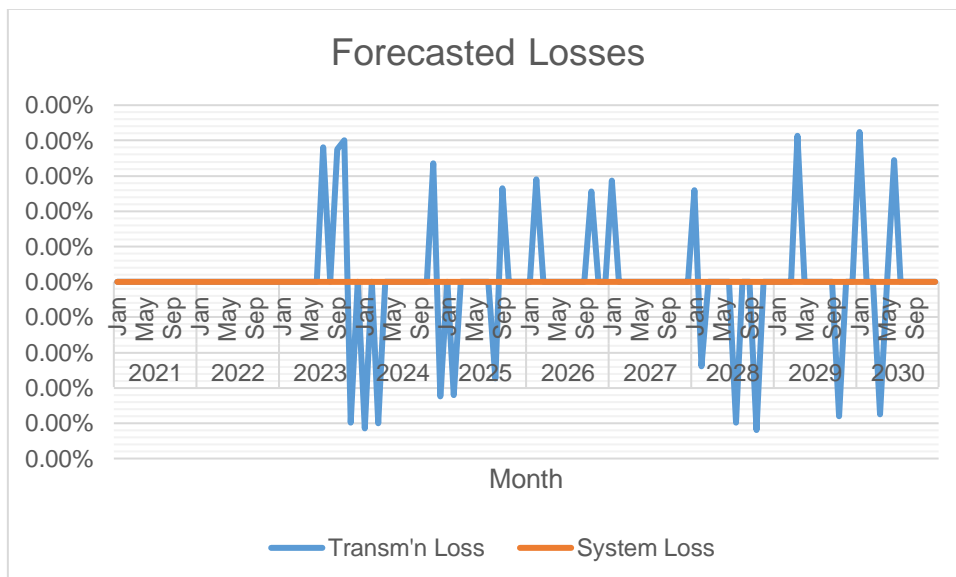
	Jul	238	238	0	0.00%	0.00%
	Aug	239	239	0	0.00%	0.00%
	Sep	239	239	0	0.00%	0.00%
	Oct	221	221	0	0.00%	0.00%
	Nov	228	228	0	0.00%	0.00%
	Dec	222	222	0	0.00%	0.00%
2022	Jan	248	248	0	0.00%	0.00%
	Feb	227	227	0	0.00%	0.00%
	Mar	217	217	0	0.00%	0.00%
	Apr	268	268	0	0.00%	0.00%
	May	270	270	0	0.00%	0.00%
	Jun	275	275	0	0.00%	0.00%
	Jul	258	258	0	0.00%	0.00%
	Aug	259	259	0	0.00%	0.00%
	Sep	260	260	0	0.00%	0.00%
	Oct	239	239	0	0.00%	0.00%
	Nov	248	248	0	0.00%	0.00%
	Dec	241	241	0	0.00%	0.00%
2023	Jan	230	230	0	0.00%	0.00%
	Feb	250	250	0	0.00%	0.00%
	Mar	239	239	0	0.00%	0.00%
	Apr	261	261	0	0.00%	0.00%
	May	286	286	0	0.00%	0.00%
	Jun	283	283	0	0.00%	0.00%
	Jul	298	298	0	0.00%	0.00%
	Aug	293	293	0	0.00%	0.00%
	Sep	303	303	0	0.00%	0.00%
	Oct	284	284	0	0.00%	0.00%
	Nov	285	285	0	0.00%	0.00%
	Dec	296	296	0	0.00%	0.00%
2024	Jan	274	274	0	0.00%	0.00%
	Feb	297	297	0	0.00%	0.00%
	Mar	284	284	0	0.00%	0.00%
	Apr	310	310	0	0.00%	0.00%
	May	340	340	0	0.00%	0.00%
	Jun	337	337	0	0.00%	0.00%
	Jul	355	355	0	0.00%	0.00%
	Aug	348	348	0	0.00%	0.00%
	Sep	361	361	0	0.00%	0.00%
	Oct	338	338	0	0.00%	0.00%
	Nov	340	340	0	0.00%	0.00%
	Dec	352	352	0	0.00%	0.00%
2025	Jan	326	326	0	0.00%	0.00%
	Feb	354	354	0	0.00%	0.00%
	Mar	338	338	0	0.00%	0.00%
	Apr	369	369	0	0.00%	0.00%
	May	405	405	0	0.00%	0.00%
	Jun	401	401	0	0.00%	0.00%
	Jul	423	423	0	0.00%	0.00%

	Aug	415	415	0	0.00%	0.00%
	Sep	429	429	0	0.00%	0.00%
	Oct	402	402	0	0.00%	0.00%
	Nov	404	404	0	0.00%	0.00%
	Dec	419	419	0	0.00%	0.00%
2026	Jan	360	360	0	0.00%	0.00%
	Feb	391	391	0	0.00%	0.00%
	Mar	374	374	0	0.00%	0.00%
	Apr	408	408	0	0.00%	0.00%
	May	447	447	0	0.00%	0.00%
	Jun	443	443	0	0.00%	0.00%
	Jul	467	467	0	0.00%	0.00%
	Aug	458	458	0	0.00%	0.00%
	Sep	474	474	0	0.00%	0.00%
	Oct	444	444	0	0.00%	0.00%
	Nov	447	447	0	0.00%	0.00%
	Dec	463	463	0	0.00%	0.00%
2027	Jan	398	398	0	0.00%	0.00%
	Feb	432	432	0	0.00%	0.00%
	Mar	413	413	0	0.00%	0.00%
	Apr	451	451	0	0.00%	0.00%
	May	494	494	0	0.00%	0.00%
	Jun	489	489	0	0.00%	0.00%
	Jul	516	516	0	0.00%	0.00%
	Aug	506	506	0	0.00%	0.00%
	Sep	524	524	0	0.00%	0.00%
	Oct	491	491	0	0.00%	0.00%
	Nov	493	493	0	0.00%	0.00%
	Dec	511	511	0	0.00%	0.00%
2028	Jan	439	439	0	0.00%	0.00%
	Feb	477	477	0	0.00%	0.00%
	Mar	456	456	0	0.00%	0.00%
	Apr	498	498	0	0.00%	0.00%
	May	545	545	0	0.00%	0.00%
	Jun	540	540	0	0.00%	0.00%
	Jul	570	570	0	0.00%	0.00%
	Aug	559	559	0	0.00%	0.00%
	Sep	579	579	0	0.00%	0.00%
	Oct	542	542	0	0.00%	0.00%
	Nov	545	545	0	0.00%	0.00%
	Dec	564	564	0	0.00%	0.00%
2029	Jan	485	485	0	0.00%	0.00%
	Feb	527	527	0	0.00%	0.00%
	Mar	504	504	0	0.00%	0.00%
	Apr	550	550	0	0.00%	0.00%
	May	603	603	0	0.00%	0.00%
	Jun	596	596	0	0.00%	0.00%
	Jul	630	630	0	0.00%	0.00%
	Aug	617	617	0	0.00%	0.00%

	Sep	639	639	0	0.00%	0.00%
	Oct	599	599	0	0.00%	0.00%
	Nov	602	602	0	0.00%	0.00%
	Dec	623	623	0	0.00%	0.00%
2030	Jan	536	536	0	0.00%	0.00%
	Feb	582	582	0	0.00%	0.00%
	Mar	556	556	0	0.00%	0.00%
	Apr	607	607	0	0.00%	0.00%
	May	666	666	0	0.00%	0.00%
	Jun	659	659	0	0.00%	0.00%
	Jul	695	695	0	0.00%	0.00%
	Aug	682	682	0	0.00%	0.00%
	Sep	706	706	0	0.00%	0.00%
	Oct	662	662	0	0.00%	0.00%
	Nov	665	665	0	0.00%	0.00%
	Dec	689	689	0	0.00%	0.00%



MWh Output was expected to grow at an average rate of 12% annually.



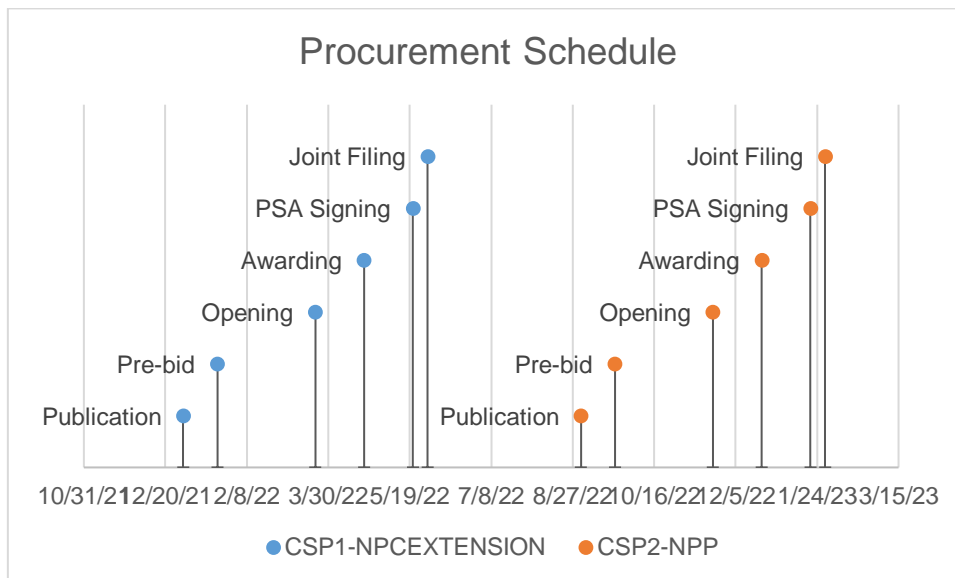
Transmission Loss and System Loss are expected to remain at 0%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
COE-CSP-2018-07-001	Diesel	National Power Corporation	0.00	0	12/26/2017	12/25/2022

The PSA with National Power Corporation (NPC) filed with COE-CSP-2018-07-001. It was selected to provide for base/intermediate/peaking requirements. Historically, the utilization of the PSA is 100%. The actual billed overall monthly charge under the PSA is within 5.6404 in the same period.

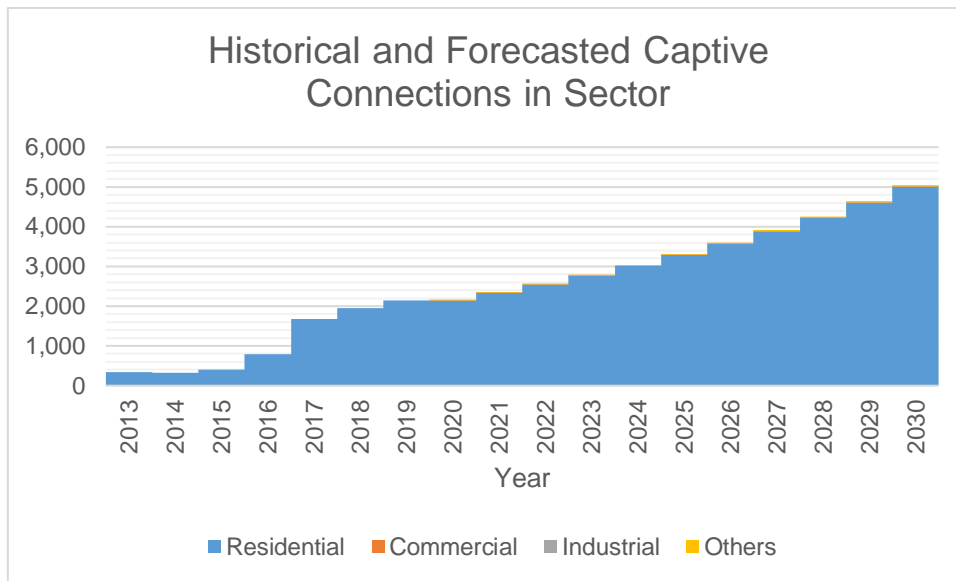
	CSP1-NPCEXTENSION	CSP2-NPP
Type	Base	Base
Minimum MW	0.54	3.14
Minimum MWh/yr	3,307	5,176
PSA Start	12/26/2023	12/26/2025
PSA End	12/25/2025	12/25/2039
Publication	12/31/2021	9/1/2022
Pre-bid	1/21/2022	9/22/2022
Opening	3/22/2022	11/21/2022
Awarding	4/21/2022	12/21/2022
PSA Signing	5/21/2022	1/20/2023
Joint Filing	5/30/2022	1/29/2023



For the procurement of 0.54 MW of supply which is planned to be available on January 2024, the first publication or launch of CSP will be on December 31, 2021. Joint filing is planned on May 30, 2022, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

For the procurement of 3.14 MW of supply which is planned to be available on January 2026, the first publication or launch of CSP will be on September 1, 2022. Joint filing is planned on January 29, 2023, 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 an average rate of 9% annually. Said customer class is expected to account for 99% of the total consumption.