Power Supply Procurement Plan
2025

SOUTH COTABATO I ELECTRIC COOPERATIVE, INC.
(SOCOTECO I)

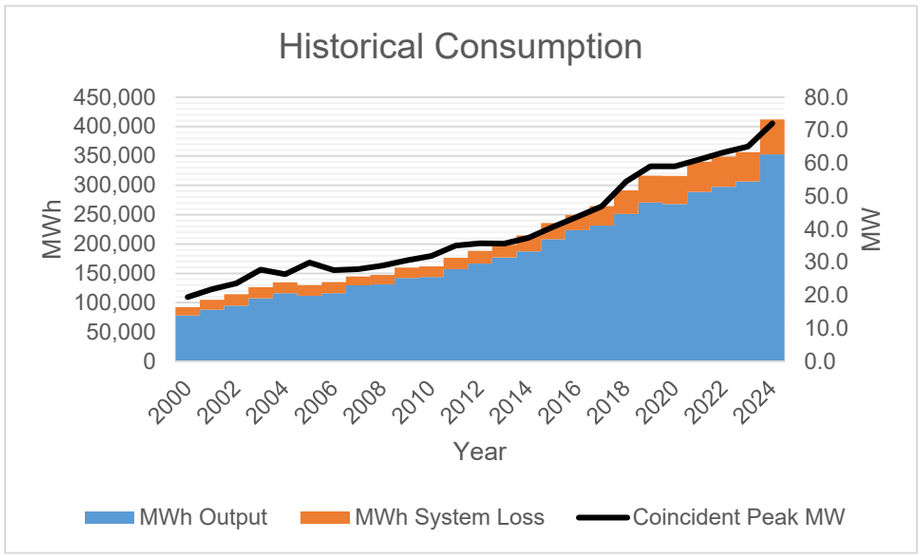
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	19.47	92,546	0	92,546	78,220	14,326	54%	0.00%	0.00%	15.48%
2001	21.88	104,775	0	104,775	88,151	16,624	55%	0.00%	0.00%	15.87%
2002	23.60	114,227	0	114,227	95,155	19,072	55%	0.00%	0.00%	16.70%
2003	27.77	126,369	0	126,369	107,495	18,874	52%	0.00%	0.00%	14.94%
2004	26.43	134,770	0	134,770	116,204	18,566	58%	0.00%	0.00%	13.78%
2005	29.96	129,779	0	129,779	111,788	17,991	49%	0.00%	0.00%	13.86%
2006	27.62	135,032	0	135,032	116,047	18,985	56%	0.00%	0.00%	14.06%
2007	27.95	144,495	0	144,495	129,686	14,809	59%	0.00%	0.00%	10.25%
2008	28.98	147,134	0	147,134	131,198	15,937	58%	0.00%	0.00%	10.83%
2009	30.64	159,791	0	159,791	142,118	17,673	60%	0.00%	0.00%	11.06%
2010	31.97	162,056	0	162,056	143,556	18,500	58%	0.00%	0.00%	11.42%
2011	35.08	176,484	0	176,484	156,947	19,537	57%	0.00%	0.00%	11.07%
2012	35.76	188,891	0	188,403	166,693	21,710	60%	0.00%	0.26%	11.52%
2013	35.71	200,655	0	198,764	177,013	21,751	64%	0.00%	0.94%	10.94%
2014	37.44	216,757	0	214,425	187,385	27,040	65%	0.00%	1.08%	12.61%
2015	40.71	238,120	0	235,746	207,913	27,833	66%	0.00%	1.00%	11.81%
2016	43.82	259,711	0	249,718	223,751	25,967	65%	0.00%	3.85%	10.40%
2017	46.93	267,686	0	264,552	231,492	33,060	64%	0.00%	1.17%	12.50%
2018	54.52	298,239	0	291,282	251,414	39,868	61%	0.00%	2.33%	13.69%
2019	59.11	320,344	0	316,620	270,473	46,148	61%	0.00%	1.16%	14.58%
2020	59.10	322,507	0	315,931	267,955	47,976	61%	0.00%	2.04%	15.19%
2021	61.15	345,668	0	340,084	288,581	51,503	63%	0.00%	1.62%	15.14%
2022	63.31	356,624	0	348,855	297,304	51,551	63%	0.00%	2.18%	14.78%
2023	65.09	357,131	45,676	356,580	306,679	49,902	63%	0.00%	0.15%	13.99%
2024	72.10	412,042	89,237	412,042	352,652	59,390	65%	0.00%	0.00%	14.41%

Peak Demand increased from 19.47 MW in 2000 to 65.09 MW in 2023, reflecting an annual growth rate (AGR) of 5.77%. MWh Offtake also increased from 92,546 MWh in 2000 to 412,042 MWh in 2024, representing an AGR of 6.51%.

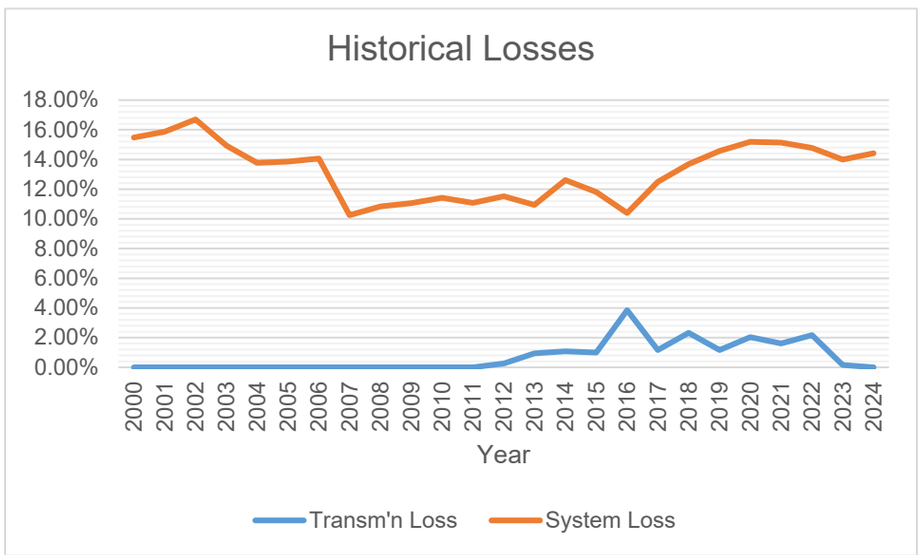
The consistent increase in both Peak Demand and MWh Offtake since 2000 is directly attributable to the steadily growing economy in the province of South Cotabato, which fosters investment and consequently drives up electricity demand.

Load Factor is constant at 63% from 2021 to 2023 and at increased to 65% in 2024. The load consumption characteristic of residential customers predominantly affects the Load Factor. As of 2024, residential customers account for 90.03% of the total customer population; for reference, the low load factor for this class (typically about 23%) significantly affects the overall system Load Factor.

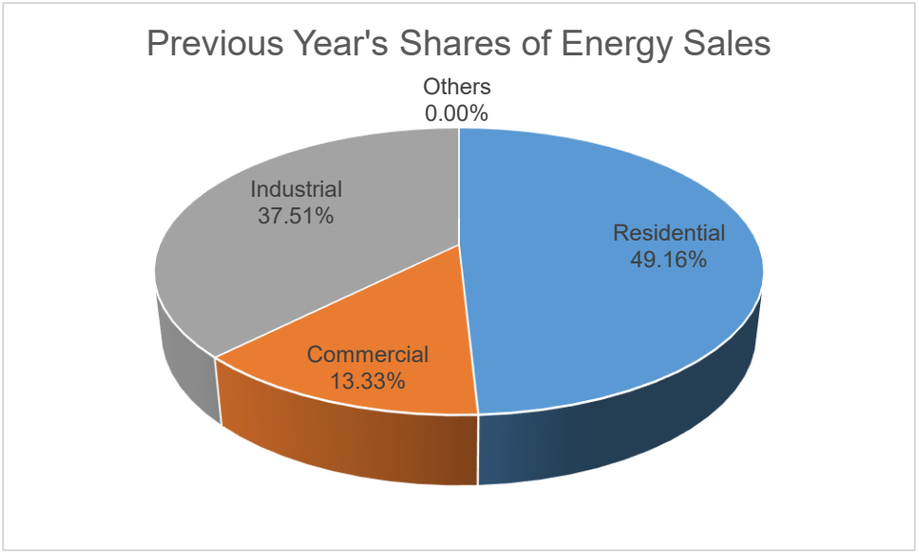


MWh Output increased at a AGR of 6.57% from 2000 to 2024, while MWh System Loss increased at a slightly higher AGR of 6.65% over the same period.

The historical MWh Output data for industrial is consistent with our DDP submission for the past years. Moreover, there is no MWh Output for Own Use for year 2000-2005 because it is incorporated in the System Loss recovery (System Loss + Admin Use).

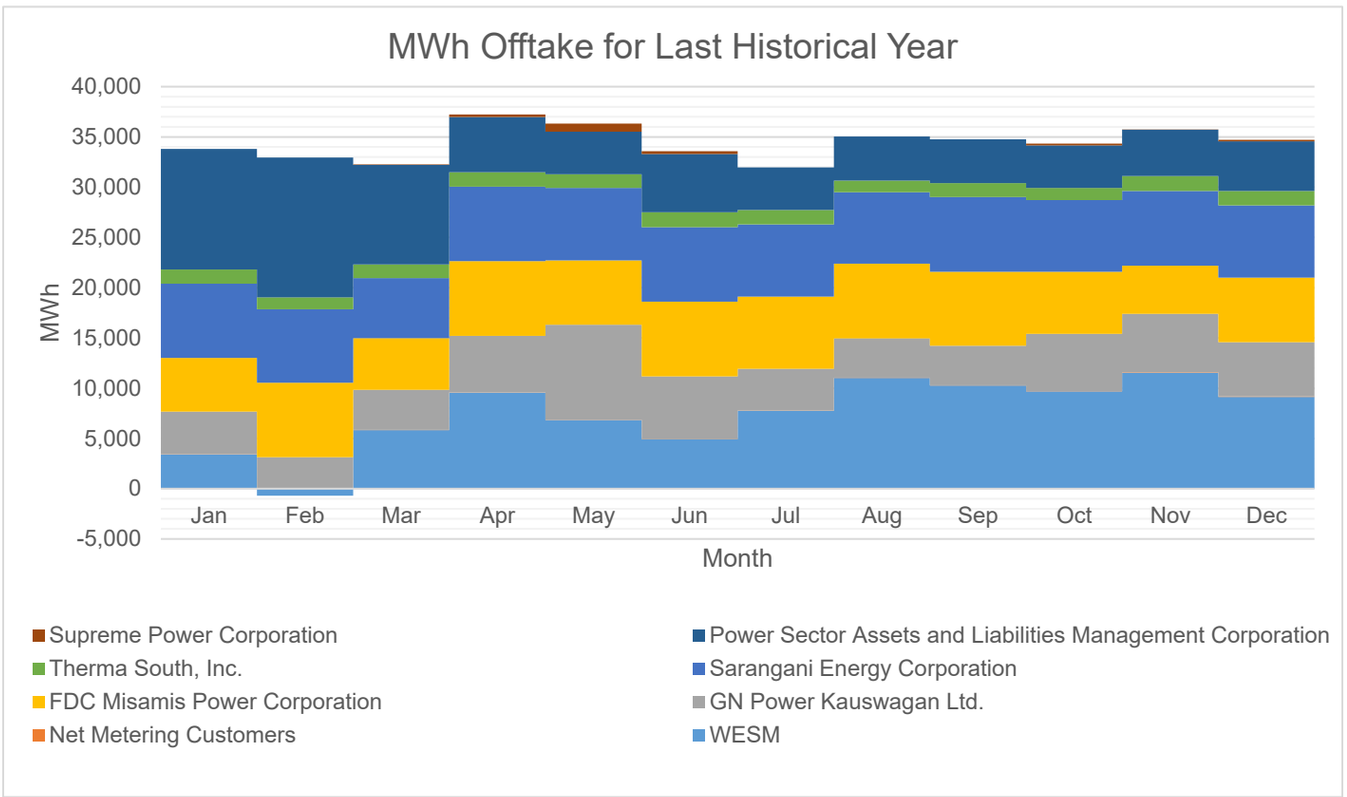


Historically, Transmission Loss ranged from 0.26% to 3.85% while System Loss ranged from 10.25% to 16.70%. The Transmission Loss peaked at 3.85% on year 2016, while System Loss peaked at 16.70% on year 2002.

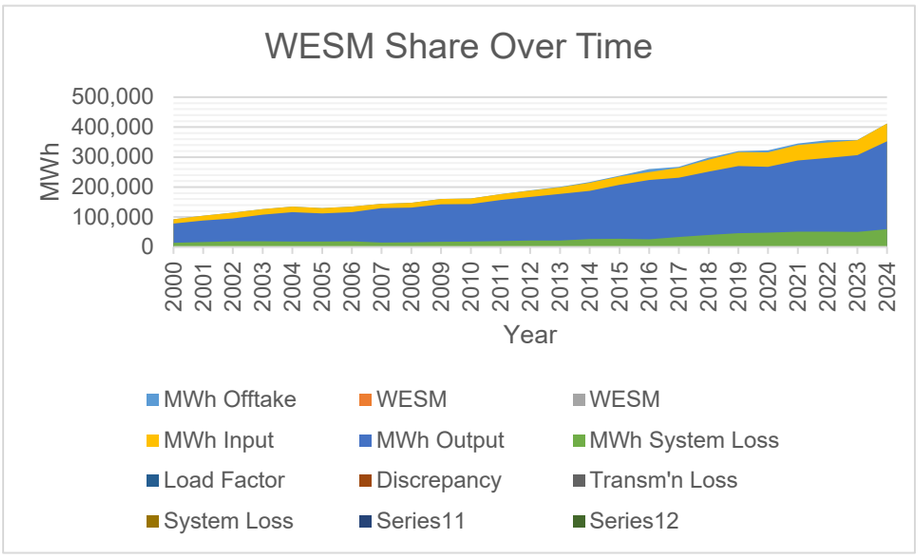


Residential customers account for the bulk of energy sales at 49.16% due to the high number of connections. In contrast, industrial customers accounted for 37.51% of energy sales energy sales despite of the low number of connections.

Compared to 2023, the 2024 energy sales in residential and commercial customer have increased by 15.51% and 13.72% respectively. Correspondingly, the energy sales in Industrial have decreased by 14.80%. The primary reason in the increase of energy sales was due to climate change caused by El Niño.



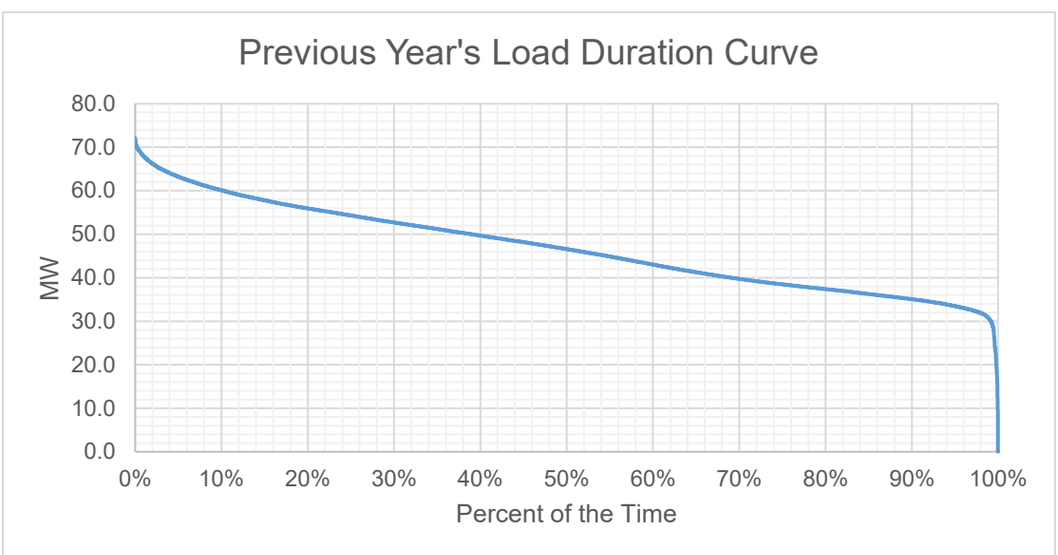
For PSALM, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with SEC, FDC, GNPK, and TSI represents the largest portion of MWh offtake, accounting for 20.93%, 19.06%, 14.94%, and 3.97%, respectively.



Pursuant to DOE Department Circular No. DC2022-12-0039, which established the commercial operations of the Enhanced WESM Design and Operations (EWDO) in Mindanao effective January 26, 2023, SOCOTECO I is a registered direct WESM member and a registered metering service provider for FIT generators embedded in its distribution system.

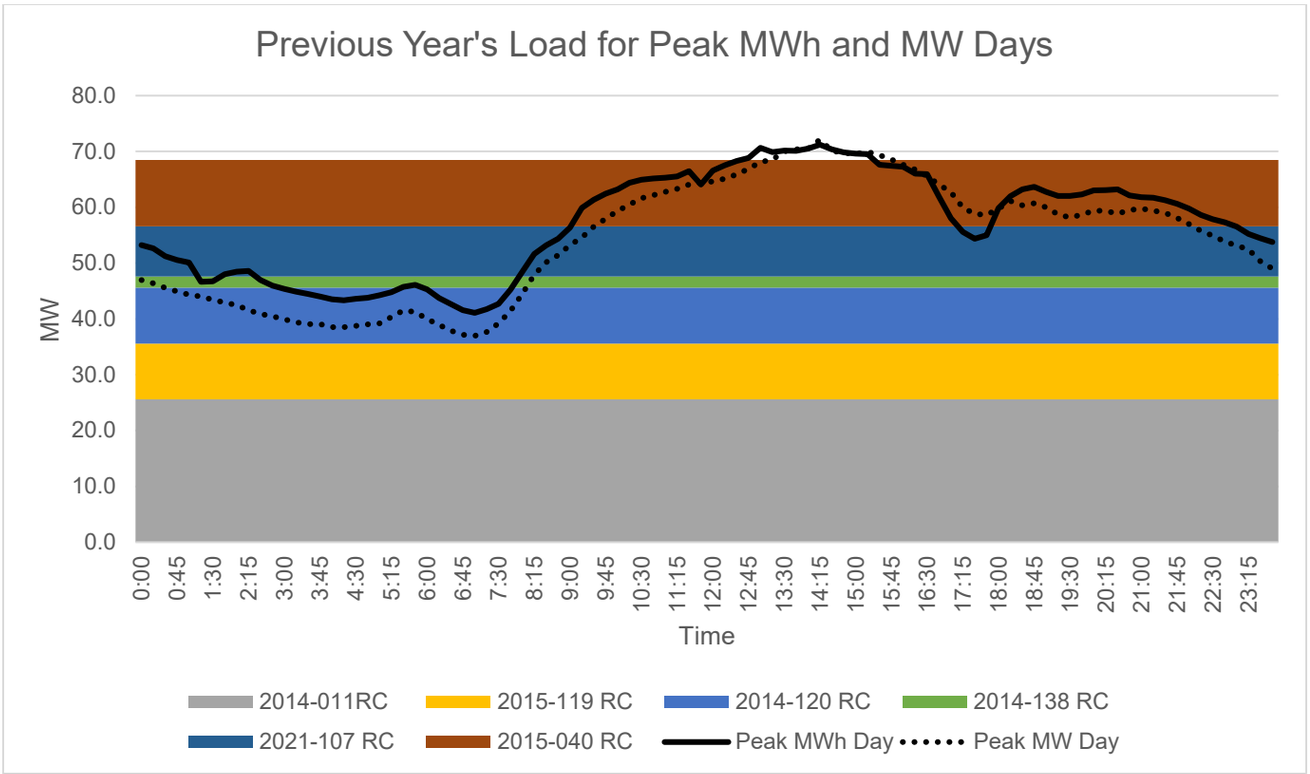
The WESM Offtake increased from 45,676 MWh in 2023 to 89,237 MWh in 2024 at a rate of 95.37% The share of WESM in the total Offtake ranged from 12.79% to 21.66%.

Previous Year's Load Profile

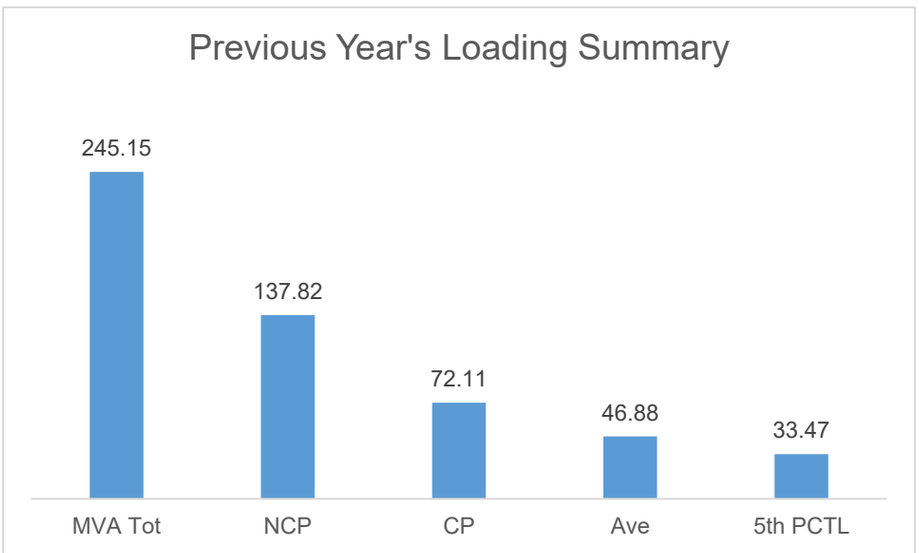


Based on the Load Duration Curve, the minimum load is 0 MW and the maximum load is 72.11 MW (taken at 15 min interval) for the last historical year.

The load profile of SOCOTECO-I is measured by the summation of the metering totalizer (M7 & M8) and the embedded generator's generation output. The profile of BFI Tantangan, BFI Banga, SPC, SE1, SPGI and EHPAHI with zero input signifies that there is no power generation during that certain period.



Peak MW and Peak MWh (at 15-min interval) occurred on May 15, 2024, Wednesday at 2:15 pm. The peak happens to be on typical hot and regular working day, and with no rainfall and clear sky. As shown in the Load Curves, the available supply is lower than the Peak Demand. The deficit was supplied through WESM.



The Non-coincident Peak Demand is 137.82 MW, which is around 56.22% of the total substation capacity of 245.15 MVA. The load factor or the ratio between the Average Load of 46.88 MW and the Non-coincident Peak Demand is 34.02%. A safe estimate of the true minimum load is the fifth percentile load of 33.47 MW which is 24.29% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
M8 Totalizer	100	46.832
M7 Totalizer	100	65.157
BFI Tantangan	10	2.188
BFI Banga	10	1.021
SPC	11.9	11.332
SE1	5	5.349
SPGI	7.5	5.508
EHPAHI	0.75	0.433

The substations loaded above 70% are Morales, San Roque, Lamsugod, and Norala. The loading constraints at Morales (M3) and San Roque will be addressed by the construction of the 30 MVA Koronadal substation by 2025. The issue at Norala will be resolved by the proposed uprating from 5 MVA to 10 MVA in 2025, while the Lamsugod Substation issue will be mitigated through a load transfer to Dajay Substation.

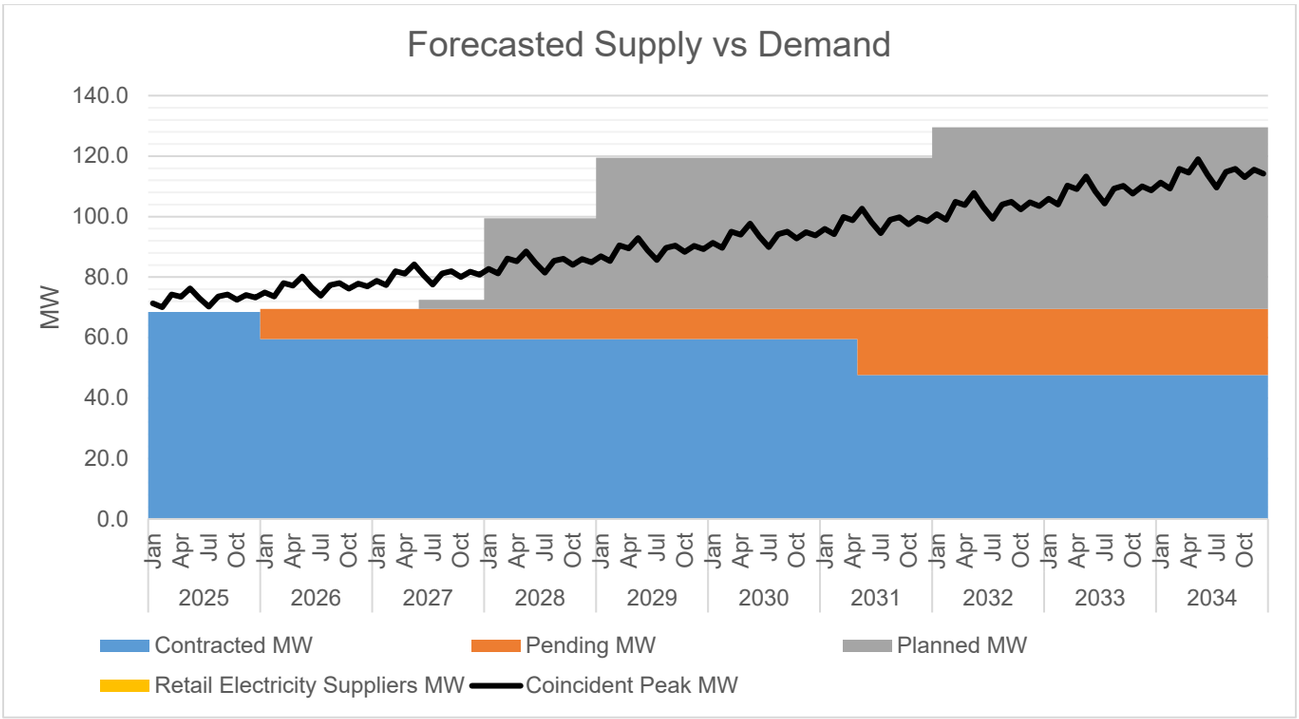
Forecasted Consumption Data

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2025	Jan	71.33	68.49	0.00	0.000		96%	96%	-2.84
	Feb	70.03	68.49	0.00	0.000		98%	98%	-1.54
	Mar	74.25	68.49	0.00	0.000		92%	92%	-5.76
	Apr	73.46	68.49	0.00	0.000		93%	93%	-4.97
	May	76.29	68.49	0.00	0.000		90%	90%	-7.80
	Jun	72.99	68.49	0.00	0.000		94%	94%	-4.50
	Jul	70.26	68.49	0.00	0.000		97%	97%	-1.77
	Aug	73.59	68.49	0.00	0.000		93%	93%	-5.10
	Sep	74.23	68.49	0.00	0.000		92%	92%	-5.74
	Oct	72.46	68.49	0.00	0.000		95%	95%	-3.97
	Nov	74.10	68.49	0.00	0.000		92%	92%	-5.61
	Dec	73.22	68.49	0.00	0.000		94%	94%	-4.73
2026	Jan	74.95	59.49	10.00	0.000		79%	93%	-5.46
	Feb	73.58	59.49	10.00	0.000		81%	94%	-4.09
	Mar	78.01	59.49	10.00	0.000		76%	89%	-8.52
	Apr	77.18	59.49	10.00	0.000		77%	90%	-7.69
	May	80.15	59.49	10.00	0.000		74%	87%	-10.66
	Jun	76.69	59.49	10.00	0.000		78%	91%	-7.20
	Jul	73.81	59.49	10.00	0.000		81%	94%	-4.32
	Aug	77.32	59.49	10.00	0.000		77%	90%	-7.83
	Sep	77.99	59.49	10.00	0.000		76%	89%	-8.50
	Oct	76.13	59.49	10.00	0.000		78%	91%	-6.64
	Nov	77.86	59.49	10.00	0.000		76%	89%	-8.37
	Dec	76.92	59.49	10.00	0.000		77%	90%	-7.43
2027	Jan	78.74	59.49	10.00	0.000		76%	88%	-9.25
	Feb	77.30	59.49	10.00	0.000		77%	90%	-7.81
	Mar	81.95	59.49	10.00	0.000		73%	85%	-12.46
	Apr	81.08	59.49	10.00	0.000		73%	86%	-11.59
	May	84.21	59.49	10.00	0.000		71%	83%	-14.72
	Jun	80.57	59.49	10.00	3.000		74%	90%	-8.08
	Jul	77.55	59.49	10.00	3.000		77%	93%	-5.06
	Aug	81.23	59.49	10.00	3.000		73%	89%	-8.74
	Sep	81.93	59.49	10.00	3.000		73%	88%	-9.44

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Oct	79.98	59.49	10.00	3.000		74%	91%	-7.49
	Nov	81.80	59.49	10.00	3.000		73%	89%	-9.31
	Dec	80.82	59.49	10.00	3.000		74%	90%	-8.33
2028	Jan	82.73	59.49	10.00	30.000		72%	120%	16.76
	Feb	81.22	59.49	10.00	30.000		73%	122%	18.27
	Mar	86.10	59.49	10.00	30.000		69%	116%	13.39
	Apr	85.19	59.49	10.00	30.000		70%	117%	14.30
	May	88.47	59.49	10.00	30.000		67%	112%	11.02
	Jun	84.65	59.49	10.00	30.000		70%	118%	14.84
	Jul	81.48	59.49	10.00	30.000		73%	122%	18.01
	Aug	85.35	59.49	10.00	30.000		70%	117%	14.14
	Sep	86.08	59.49	10.00	30.000		69%	116%	13.41
	Oct	84.03	59.49	10.00	30.000		71%	118%	15.46
	Nov	85.94	59.49	10.00	30.000		69%	116%	13.55
	Dec	84.91	59.49	10.00	30.000		70%	117%	14.58
2029	Jan	86.91	59.49	10.00	50.000		68%	137%	32.58
	Feb	85.33	59.49	10.00	50.000		70%	140%	34.16
	Mar	90.46	59.49	10.00	50.000		66%	132%	29.03
	Apr	89.50	59.49	10.00	50.000		66%	134%	29.99
	May	92.95	59.49	10.00	50.000		64%	129%	26.54
	Jun	88.93	59.49	10.00	50.000		67%	134%	30.56
	Jul	85.60	59.49	10.00	50.000		69%	140%	33.89
	Aug	89.67	59.49	10.00	50.000		66%	133%	29.82
	Sep	90.44	59.49	10.00	50.000		66%	132%	29.05
	Oct	88.29	59.49	10.00	50.000		67%	135%	31.20
	Nov	90.29	59.49	10.00	50.000		66%	132%	29.20
	Dec	89.21	59.49	10.00	50.000		67%	134%	30.28
2030	Jan	91.32	59.49	10.00	50.000		65%	131%	28.17
	Feb	89.65	59.49	10.00	50.000		66%	133%	29.84
	Mar	95.04	59.49	10.00	50.000		63%	126%	24.45
	Apr	94.03	59.49	10.00	50.000		63%	127%	25.46
	May	97.66	59.49	10.00	50.000		61%	122%	21.83
	Jun	93.43	59.49	10.00	50.000		64%	128%	26.06
	Jul	89.94	59.49	10.00	50.000		66%	133%	29.55
	Aug	94.21	59.49	10.00	50.000		63%	127%	25.28
	Sep	95.02	59.49	10.00	50.000		63%	126%	24.47
	Oct	92.76	59.49	10.00	50.000		64%	129%	26.73
	Nov	94.86	59.49	10.00	50.000		63%	126%	24.63
	Dec	93.72	59.49	10.00	50.000		63%	127%	25.77
2031	Jan	95.94	59.49	10.00	50.000		62%	125%	23.55
	Feb	94.19	59.49	10.00	50.000		63%	127%	25.30
	Mar	99.86	59.49	10.00	50.000		60%	120%	19.63
	Apr	98.79	59.49	10.00	50.000		60%	121%	20.70
	May	102.60	47.59	21.90	50.000		46%	116%	16.89
	Jun	98.17	47.59	21.90	50.000		48%	122%	21.32
	Jul	94.49	47.59	21.90	50.000		50%	126%	25.00
	Aug	98.98	47.59	21.90	50.000		48%	121%	20.51
	Sep	99.83	47.59	21.90	50.000		48%	120%	19.66
	Oct	97.45	47.59	21.90	50.000		49%	123%	22.04
	Nov	99.66	47.59	21.90	50.000		48%	120%	19.83
	Dec	98.47	47.59	21.90	50.000		48%	121%	21.02
2032	Jan	100.80	47.59	21.90	60.000		47%	128%	28.69

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Feb	98.96	47.59	21.90	60.000		48%	131%	30.53
	Mar	104.91	47.59	21.90	60.000		45%	123%	24.58
	Apr	103.80	47.59	21.90	60.000		46%	125%	25.69
	May	107.80	47.59	21.90	60.000		44%	120%	21.69
	Jun	103.14	47.59	21.90	60.000		46%	126%	26.35
	Jul	99.27	47.59	21.90	60.000		48%	130%	30.22
	Aug	103.99	47.59	21.90	60.000		46%	125%	25.50
	Sep	104.88	47.59	21.90	60.000		45%	123%	24.61
	Oct	102.39	47.59	11.90	70.000		46%	126%	27.10
	Nov	104.71	47.59	11.90	70.000		45%	124%	24.78
	Dec	103.45	47.59	11.90	70.000		46%	125%	26.04
2033	Jan	105.90	47.59	11.90	70.000		45%	122%	23.59
	Feb	103.97	47.59	11.90	70.000		46%	125%	25.52
	Mar	110.22	47.59	11.90	70.000		43%	117%	19.27
	Apr	109.05	47.59	11.90	70.000		44%	119%	20.44
	May	113.26	47.59	11.90	70.000		42%	114%	16.23
	Jun	108.36	47.59	11.90	70.000		44%	120%	21.13
	Jul	104.30	47.59	11.90	70.000		46%	124%	25.19
	Aug	109.25	47.59	11.90	70.000		44%	119%	20.24
	Sep	110.19	47.59	11.90	70.000		43%	118%	19.30
	Oct	107.57	47.59	11.90	70.000		44%	120%	21.92
	Nov	110.01	47.59	11.90	70.000		43%	118%	19.48
	Dec	108.69	47.59	11.90	70.000		44%	119%	20.80
2034	Jan	111.26	47.59	11.90	70.000		43%	116%	18.23
	Feb	109.23	47.59	11.90	70.000		44%	119%	20.26
	Mar	115.80	47.59	11.90	70.000		41%	112%	13.69
	Apr	114.57	47.59	11.90	70.000		42%	113%	14.92
	May	118.99	47.59	11.90	70.000		40%	109%	10.50
	Jun	113.84	47.59	11.90	70.000		42%	114%	15.65
	Jul	109.58	47.59	11.90	70.000		43%	118%	19.91
	Aug	114.78	47.59	11.90	70.000		41%	113%	14.71
	Sep	115.77	47.59	11.90	70.000		41%	112%	13.72
	Oct	113.02	47.59	11.90	70.000		42%	115%	16.47
	Nov	115.58	47.59	11.90	70.000		41%	112%	13.91
	Dec	114.19	47.59	11.90	70.000		42%	113%	15.30

The Peak Demand was forecasted using Coincidental Peak and was assumed to occur on the month of May based on SOCOTECO I historical demand trend. Monthly Peak Demand is at its lowest on the month of February based on historical data. In general, Peak Demand is expected to grow at a rate of 5.14% annually.

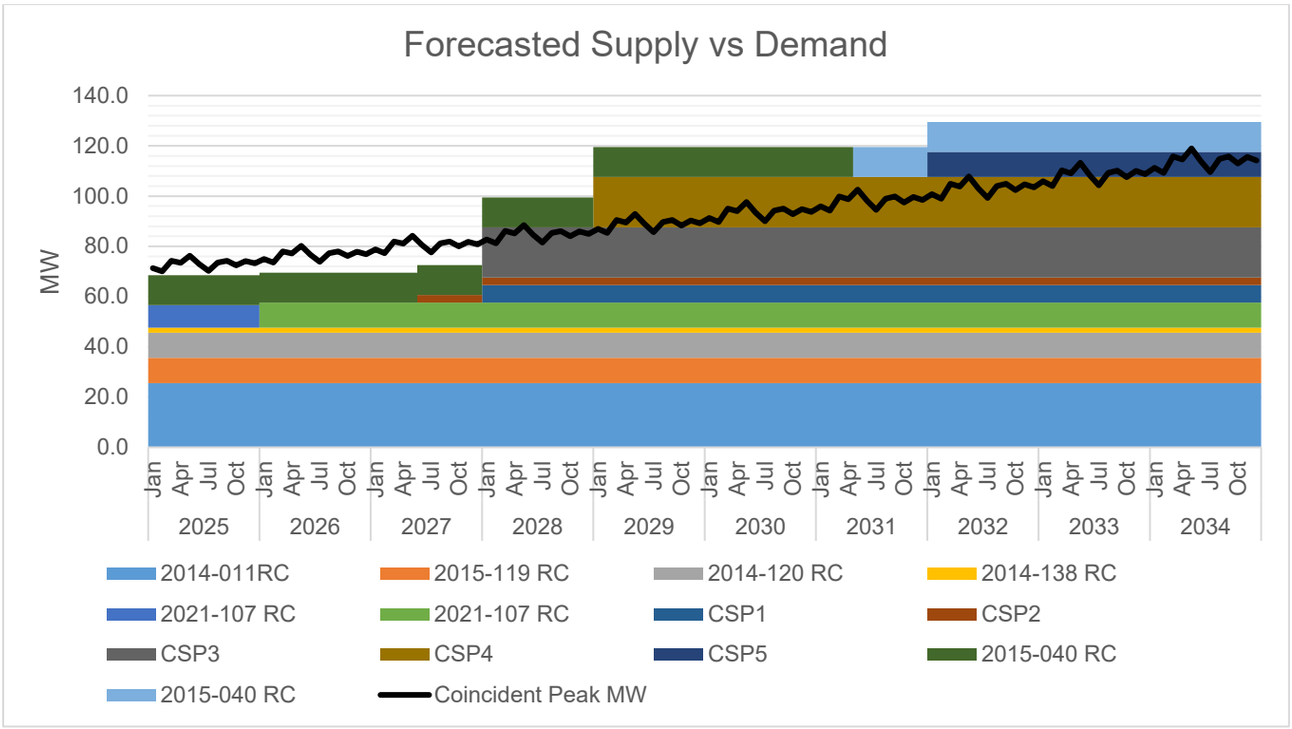


The available supply is generally below the Peak Demand for the years 2025 to 2027 These deficits are projected to occur only during intermittent, short-term peaking periods, which can be immediately and reliably supplied through the WESM.

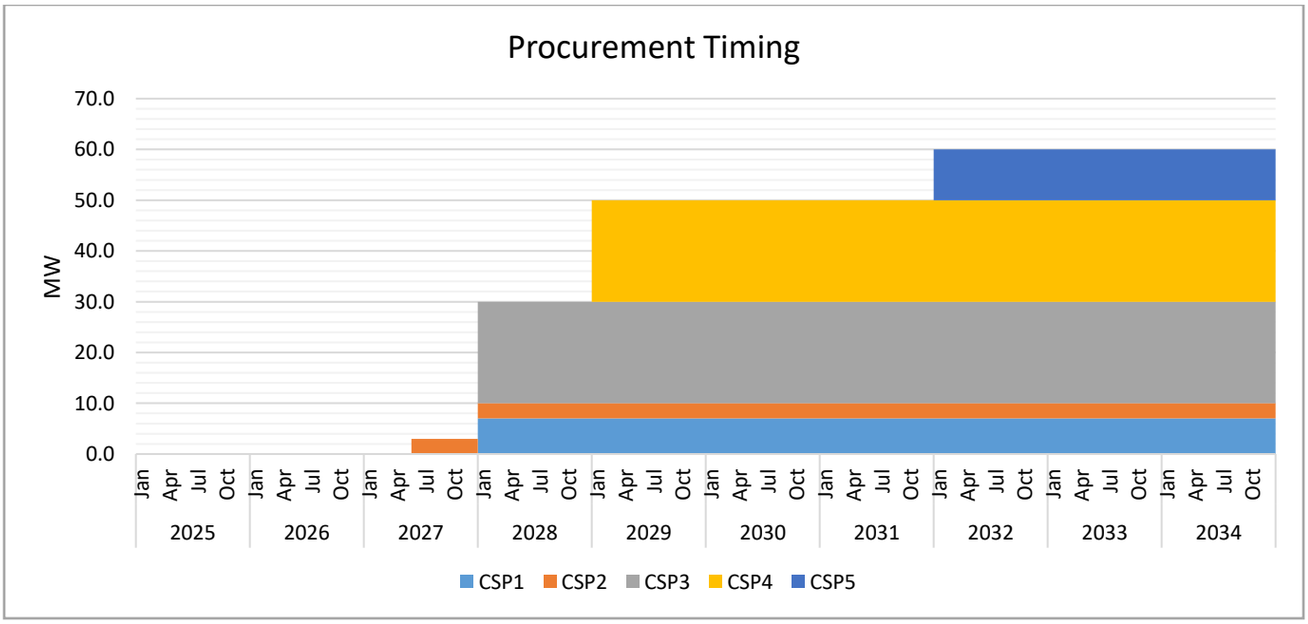
Concurrently, this short-term gap is being strategically addressed by the ongoing negotiation with PSALM for an increased allocation under the prospective Contract for the Supply of Electric Energy (CSEE). Securing this long-term allocation with PSALM is essential for establishing a more predictable and potentially cost-effective supply, thereby decreasing our vulnerability to the highly volatile WESM.

For 2028 and beyond, SOCOTECO I is committed to securing long-term supply via new contracts. Renewable Energy (RE) power plants are the preferred choice to ensure compliance with the mandated Renewable Portfolio Standard (RPS) and mitigate the cooperative's long-term exposure to fossil fuel price volatility.

Furthermore, SOCOTECO I recognize the evolving market landscape and will continue to source a portion of its power supply requirement from the WESM. This flexible sourcing is necessary to account for the probable reduction of its captive load due to the migration of eligible end-users to the retail market under the programs of Retail Competition and Open Access (RCOA) and/or the Green Energy Option Program (GEOP). To manage the associated financial exposure, this WESM sourcing will be strategically optimized and be carefully managed by SOCOTECO I.



Of the current available supply, the largest individual source is 25.59 MW Coal-Fired from GNPower Kauswagan (2014-011RC). This critical base load is followed by 11.9 MW Bunker-Diesel from Supreme Power Corporation (2015-040 RC).



The procurement strategy for SOCOTECO I is structured in three decisive waves, prioritizing the acquisition of RPS-eligible capacity to ensure compliance, meet rising demand, and manage long-term supply stability.

Wave I: Immediate Secured Capacity (3 MW)

The first step in capacity addition is the secured 3.00 MW (RPS Eligible), corresponding to CSP2 (Orange band in the Procurement chart). This supply, contracted with Euro Hydro Power (Asia) Holdings, Inc. on September 30, 2025, is scheduled to be available by May 26, 2026. This capacity was acquired under the CSP Exception provision (Section 2.3.4 of DOE DC No. 2023-06-0021), ensuring an efficient, fast-tracked entry into the grid.

A critical, complementary measure is the plan to source a 10 MW allocation from the Power Sector Assets and Liabilities Management (PSALM), targeted for availability in 2026.

This high-capacity factor (100%) supply is designed to function as a strategic financial buffer that immediately mitigates Wholesale Electricity Spot Market (WESM) exposure. By providing a stable, lower-cost alternative, it will strategically displace more expensive existing dispatch, thereby reducing

SOCOTECO I's overall blended generation rates while the Competitive Selection Process (CSP) contracts are being developed.

SOCOTECO I is also pursuing the potential to secure additional allocation from PSALM, should it become available. This further capacity can strategically be managed to achieve greater rate reduction benefits. All PSALM sourcing, both planned and additional, will be executed without prejudice to SOCOTECO I's full compliance with all existing and prospective bilateral contract obligations.

Wave II: Critical Capacity Expansion (27 MW)

This critical wave is timed for a substantial capacity boost to counter the anticipated significant shortfall visible in late 2027 (when the Peak Demand line surpasses current contracted supply).

7.00 MW Requirement (CSP1): Planned to be available by December 26, 2027, this capacity is currently under negotiation with FDC Utilities, Inc. (FDCUI). This is pursued under the CSP Exception (Section 2.3.4), capitalizing on FDCUI's acquired land within the franchise area to accelerate development. Formal financial discussions are scheduled to begin on January 31, 2026.

20.00 MW Requirement (CSP3): Also planned for December 26, 2027, this large block is a priority. The cooperative intends to exercise either Section 2.3.4 or Section 2.3.5 of DOE DC2025-10-0022. Section 2.3.5 would be utilized if FDCUI chooses to develop a solar power plant exceeding the 7 MW requirement, allowing for consolidated capacity procurement. If these exceptions are not feasible, SOCOTECO I will immediately proceed with the full Competitive Selection Process (CSP) requirements to ensure the capacity is secured.

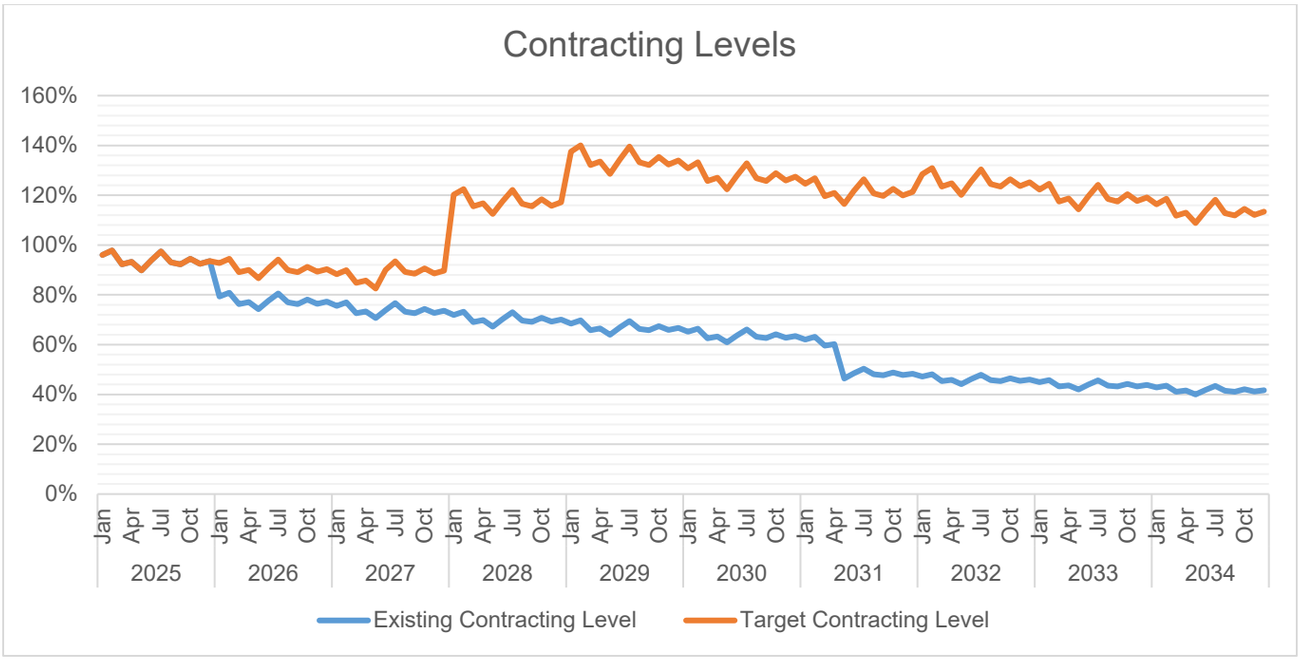
Wave III: Long-Term Security and Compliance (30 MW)

The final stage of SOCOTECO I's procurement strategy, Wave III, is focused on securing crucial capacity that will sustain the cooperative through the later years of the forecast, specifically from 2028 to 2034, and ensure compliance with regulatory mandates. This wave involves two large, distinct capacity additions totaling 30 MW, both of which are targeted to be RPS-Eligible.

The first is 20 MW (CSP4), planned for availability by December 26, 2028, followed by 10 MW (CSP5) scheduled for December 26, 2031.

Publication for both CSP is set for December 26, 2026. The specific path for acquiring this capacity—whether through the full Competitive Selection Process (CSP)—remains flexible. The approach is conditional on strategic opportunities that may arise under Section 2.3.5 of DOE DC2025-10-0022.

The consistent preference for RPS-eligible suppliers across all waves ensures SOCOTECO I meets its regulatory mandates while enhancing the sustainability and long-term cost stability of its power supply mix.



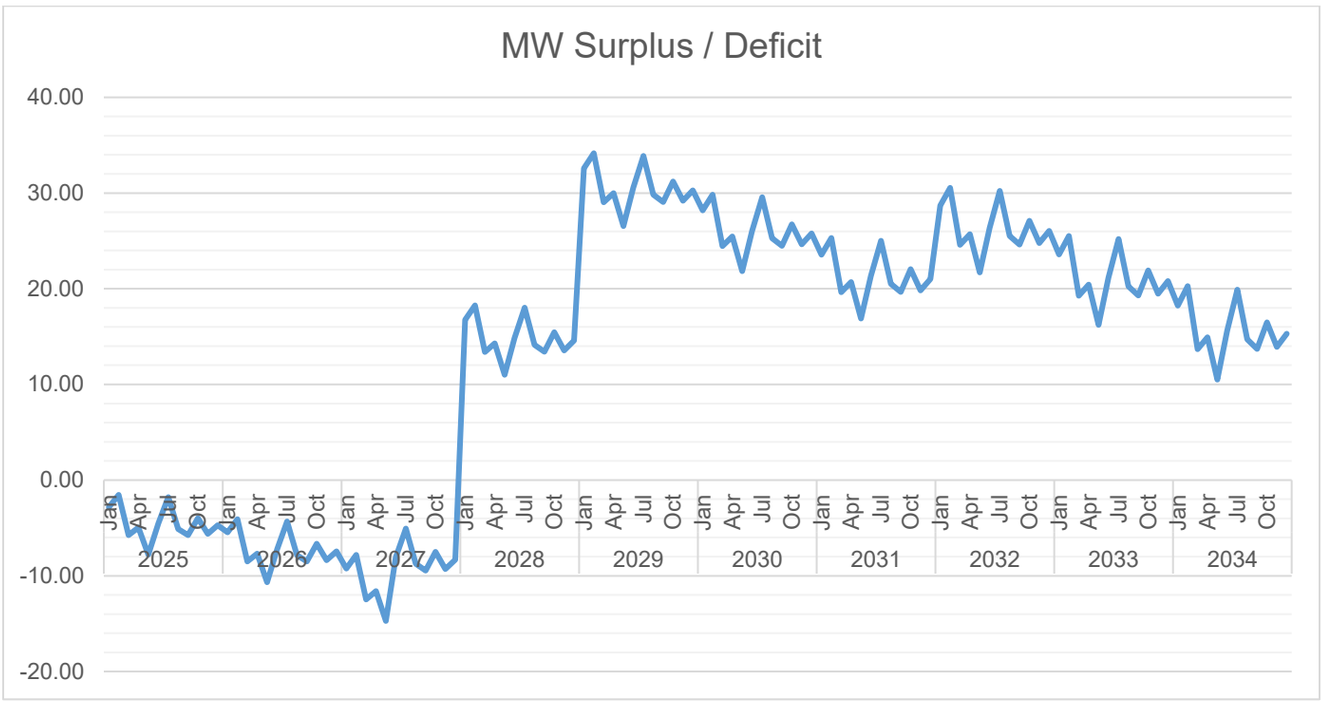
Based on the monthly forecasted Coincident Peak MW versus the Contracted MW, the analysis projects a maximum power supply deficit of approximately 17% in 2027 and a maximum surplus of approximately 40% in 2029.

While SOCOTECO I acknowledges the possibility of supply deficits, we understand the critical need to balance the security of supply with the cost of power to ensure quality service for our customers.

Specifically, the maximum anticipated deficits are 10.66 MW in 2026 and 14.72 MW in 2027. These deficits are considered manageable for two key reasons:

1. They will occur only at a very few intervals during the peaking period.
2. They can be supplied through the Wholesale Electricity Spot Market (WESM) and mitigated by prospective additional contract allocation from PSALM.

Based on our simulation and evaluation, procuring this limited and sporadic energy requirement through WESM is more economical than entering into new, long-term Power Supply Agreements (PSAs) with any other type of power plant.



The highest surplus projected is 34.16MW, which is expected to occur in February 2029.

- This substantial MW surplus is a result of a strategic procurement plan designed to secure the most appropriate supply contracts that effectively meet SOCOTECO I's future demand requirements.

- This approach is specifically focused on ensuring compliance with the Renewable Portfolio Standard (RPS) and is intended to significantly lower SOCOTECO I's current blended generation rate upon the contracts' effectivity.
- Furthermore, with effective energy trading management, this projected MW surplus can be sold to the Wholesale Electricity Spot Market (WESM), generating vital sales revenue that will help further reduce consumer power rates.

Conversely, the forecast identifies minimal periods of deficit and the smallest surplus projections:

- Highest Deficit: -14.72MW, expected in May 2027. This is the highest expected shortfall, which will require immediate coverage from WESM and the PSALM allocation.
- Lowest Deficit: -1.54MW, expected in February 2025. The smallest initial shortfall, indicating a manageable gap early in the forecast.
- Lowest Surplus: 11.02MW, expected in May 2028. This minimum surplus level occurs towards the end of the forecast, suggesting that supply is closely aligned with the rising Coincident Peak Demand in the later years.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	36,633	31,747	4,886	0.00%	13.34%
	Feb	36,593	32,125	4,468	0.00%	12.21%
	Mar	34,518	29,999	4,519	0.00%	13.09%
	Apr	37,763	32,556	5,208	0.00%	13.79%
	May	37,019	30,825	6,194	0.00%	16.73%
	Jun	36,692	30,878	5,813	0.00%	15.84%
	Jul	34,552	30,442	4,110	0.00%	11.90%
	Aug	37,129	32,436	4,693	0.00%	12.64%
	Sep	37,455	32,150	5,305	0.00%	14.16%
	Oct	37,456	31,634	5,822	0.00%	15.54%
	Nov	37,802	33,407	4,395	0.00%	11.63%
	Dec	37,436	32,717	4,719	0.00%	12.61%
2026	Jan	39,740	34,492	5,247	0.00%	13.20%
	Feb	39,741	34,903	4,838	0.00%	12.17%
	Mar	37,374	32,593	4,781	0.00%	12.79%
	Apr	40,887	35,370	5,517	0.00%	13.49%
	May	40,081	33,490	6,591	0.00%	16.45%
	Jun	39,740	33,548	6,192	0.00%	15.58%
	Jul	38,465	33,074	5,391	0.00%	14.02%
	Aug	40,201	35,241	4,960	0.00%	12.34%
	Sep	40,553	34,930	5,623	0.00%	13.87%
	Oct	39,532	34,369	5,162	0.00%	13.06%
	Nov	40,929	36,296	4,634	0.00%	11.32%
	Dec	40,533	35,546	4,987	0.00%	12.30%
2027	Jan	42,975	37,409	5,565	0.00%	12.95%
	Feb	42,928	37,855	5,072	0.00%	11.82%
	Mar	40,494	35,349	5,144	0.00%	12.70%
	Apr	44,300	38,362	5,938	0.00%	13.40%
	May	43,427	36,322	7,105	0.00%	16.36%
	Jun	43,043	36,386	6,658	0.00%	15.47%
	Jul	40,533	35,871	4,662	0.00%	11.50%
	Aug	43,557	38,222	5,335	0.00%	12.25%
	Sep	43,939	37,884	6,055	0.00%	13.78%
	Oct	42,832	37,276	5,556	0.00%	12.97%
	Nov	44,346	39,365	4,981	0.00%	11.23%
	Dec	43,917	38,553	5,364	0.00%	12.21%

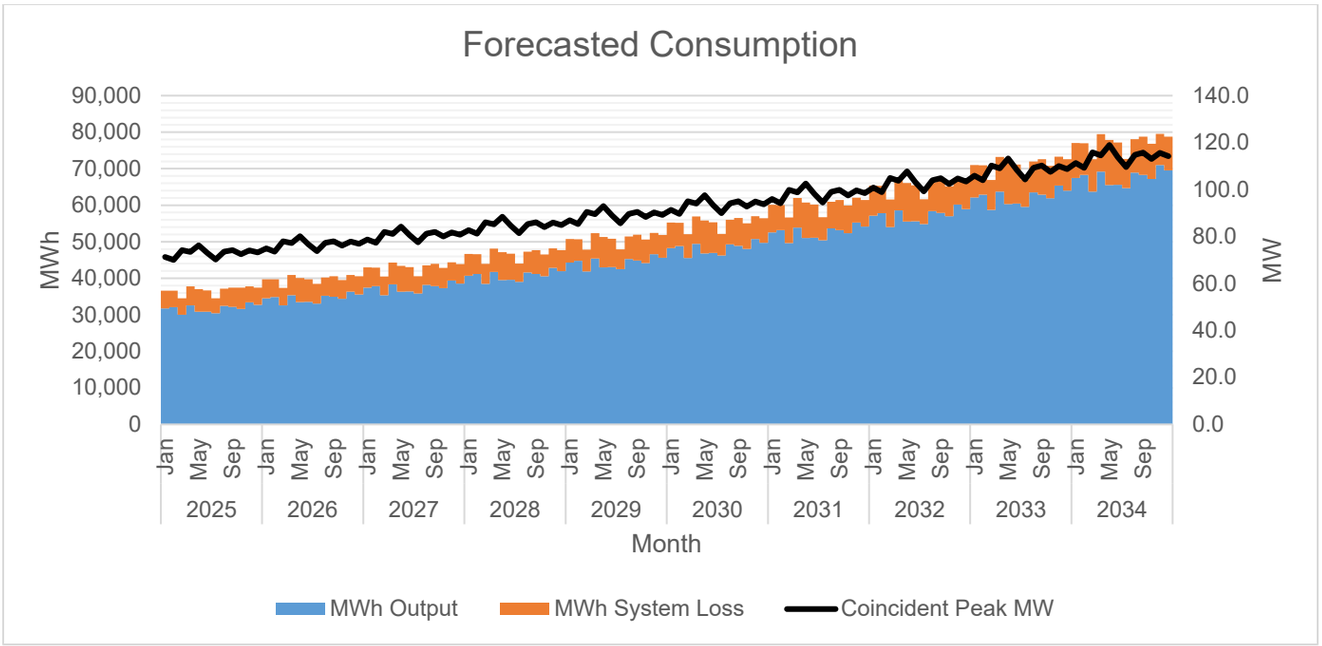
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2028	Jan	46,676	40,689	5,986	0.00%	12.83%
	Feb	46,624	41,174	5,450	0.00%	11.69%
	Mar	43,981	38,448	5,532	0.00%	12.58%
	Apr	48,115	41,725	6,390	0.00%	13.28%
	May	47,167	39,507	7,660	0.00%	16.24%
	Jun	46,750	39,575	7,174	0.00%	15.35%
	Jul	44,024	39,016	5,008	0.00%	11.38%
	Aug	47,308	41,572	5,735	0.00%	12.12%
	Sep	47,722	41,205	6,517	0.00%	13.66%
	Oct	46,520	40,544	5,976	0.00%	12.85%
	Nov	48,165	42,817	5,349	0.00%	11.10%
	Dec	47,699	41,932	5,766	0.00%	12.09%
2029	Jan	50,766	44,293	6,473	0.00%	12.75%
	Feb	50,710	44,821	5,890	0.00%	11.61%
	Mar	47,835	41,854	5,981	0.00%	12.50%
	Apr	52,332	45,421	6,911	0.00%	13.21%
	May	51,300	43,006	8,295	0.00%	16.17%
	Jun	50,847	43,081	7,766	0.00%	15.27%
	Jul	47,882	42,472	5,410	0.00%	11.30%
	Aug	51,453	45,254	6,199	0.00%	12.05%
	Sep	51,905	44,855	7,050	0.00%	13.58%
	Oct	50,597	44,135	6,462	0.00%	12.77%
	Nov	52,386	46,609	5,777	0.00%	11.03%
	Dec	51,879	45,646	6,233	0.00%	12.01%
2030	Jan	55,246	48,234	7,012	0.00%	12.69%
	Feb	55,185	48,809	6,376	0.00%	11.55%
	Mar	52,056	45,578	6,478	0.00%	12.45%
	Apr	56,950	49,462	7,488	0.00%	13.15%
	May	55,828	46,832	8,995	0.00%	16.11%
	Jun	55,334	46,914	8,420	0.00%	15.22%
	Jul	52,107	46,251	5,857	0.00%	11.24%
	Aug	55,994	49,281	6,713	0.00%	11.99%
	Sep	56,485	48,846	7,639	0.00%	13.52%
	Oct	55,062	48,062	7,000	0.00%	12.71%
	Nov	57,009	50,756	6,253	0.00%	10.97%
	Dec	56,457	49,708	6,749	0.00%	11.95%
2031	Jan	60,115	52,536	7,579	0.00%	12.61%
	Feb	60,049	53,162	6,887	0.00%	11.47%
	Mar	56,644	49,643	7,002	0.00%	12.36%
	Apr	61,970	53,874	8,096	0.00%	13.06%
	May	60,748	51,009	9,739	0.00%	16.03%
	Jun	60,211	51,098	9,113	0.00%	15.14%
	Jul	56,700	50,376	6,325	0.00%	11.15%
	Aug	60,929	53,676	7,253	0.00%	11.90%
	Sep	61,464	53,202	8,261	0.00%	13.44%
	Oct	59,915	52,349	7,566	0.00%	12.63%
	Nov	62,034	55,283	6,751	0.00%	10.88%
	Dec	61,433	54,141	7,292	0.00%	11.87%
2032	Jan	65,374	57,165	8,210	0.00%	12.56%
	Feb	65,303	57,846	7,457	0.00%	11.42%
	Mar	61,600	54,017	7,583	0.00%	12.31%
	Apr	67,391	58,620	8,771	0.00%	13.01%
	May	66,063	55,503	10,559	0.00%	15.98%

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Jun	65,479	55,600	9,878	0.00%	15.09%
	Jul	61,660	54,814	6,846	0.00%	11.10%
	Aug	66,259	58,406	7,854	0.00%	11.85%
	Sep	66,841	57,890	8,951	0.00%	13.39%
	Oct	65,157	56,961	8,196	0.00%	12.58%
	Nov	67,461	60,154	7,307	0.00%	10.83%
	Dec	66,808	58,912	7,896	0.00%	11.82%
2033	Jan	71,023	62,132	8,891	0.00%	12.52%
	Feb	70,945	62,872	8,072	0.00%	11.38%
	Mar	66,922	58,710	8,212	0.00%	12.27%
	Apr	73,214	63,714	9,499	0.00%	12.97%
	May	71,771	60,326	11,444	0.00%	15.95%
	Jun	71,136	60,432	10,704	0.00%	15.05%
	Jul	66,988	59,577	7,411	0.00%	11.06%
	Aug	71,985	63,481	8,504	0.00%	11.81%
	Sep	72,616	62,920	9,695	0.00%	13.35%
	Oct	70,787	61,911	8,876	0.00%	12.54%
	Nov	73,290	65,381	7,909	0.00%	10.79%
	Dec	72,580	64,031	8,549	0.00%	11.78%
2034	Jan	77,061	67,458	9,603	0.00%	12.46%
	Feb	76,976	68,262	8,715	0.00%	11.32%
	Mar	72,612	63,743	8,869	0.00%	12.21%
	Apr	79,438	69,176	10,262	0.00%	12.92%
	May	77,872	65,497	12,375	0.00%	15.89%
	Jun	77,184	65,612	11,572	0.00%	14.99%
	Jul	72,683	64,684	7,999	0.00%	11.01%
	Aug	78,104	68,922	9,182	0.00%	11.76%
	Sep	78,789	68,314	10,476	0.00%	13.30%
	Oct	76,805	67,218	9,587	0.00%	12.48%
	Nov	79,521	70,985	8,536	0.00%	10.73%
	Dec	78,751	69,519	9,231	0.00%	11.72%

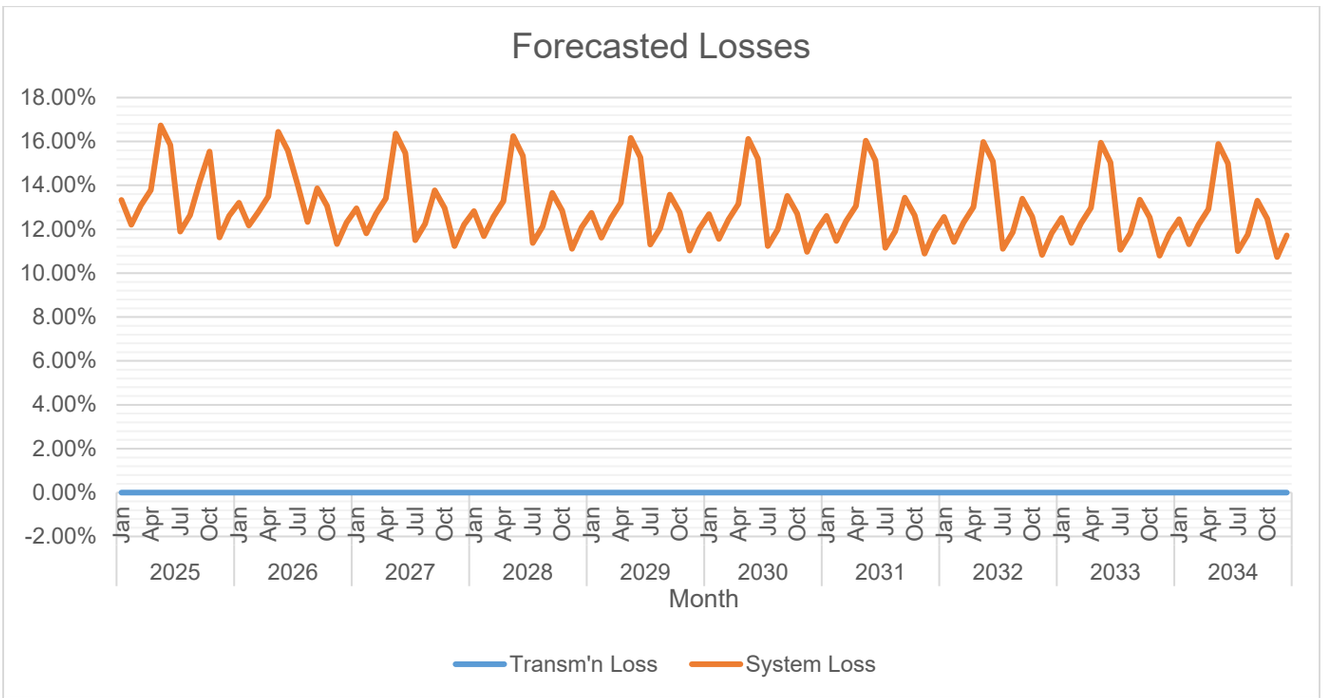
MWh Offtake was forecasted using MWh purchased historical data. Due to the implementation of WESM Mindanao, our actual total energy (MQ) which is based on the summation of the metering totalizer and the embedded generators is already equivalent to the summation of billed energy by our contracted power suppliers (BCQ) and the WESM purchased/sales quantities (WESM). Therefore, there is already no recording of transmission loss in our meter quantities. The losses incurred in the delivery of energy is just already incorporated in the cost of power or in our LMP (SPM+LLC+CC).

To further reduce the system loss, the SOCOTECO I have the following projects:

- Replacement of Defective Metering Facilities
- Relocation of Metering Installations of Residential Consumers
- Upgrading of Metering Facilities on Residential Consumers to Advanced Metering Infrastructure (AMI)
- Substation: Uprating
- Substation: Additional



MWh Output was expected to grow at a rate of 6.57% annually.



The System Loss is expected to range from 10.73% to 16.73%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Maximum MW	Minimum MWh/yr	Maximum MWh/yr	PSA Start	PSA End
2014-011RC	Base	GN Power Kauswagan Ltd.	12.80	25.59	112,084	224,168	8/7/2019	8/7/2039
2015-119 RC	Base	FDC Misamis Power Corporation	4.00	10.00	35,040	87,600	10/14/2016	10/14/2036
2014-120 RC	Base	Sarangani Energy Corporation	4.00	10.00	35,040	87,600	6/1/2019	6/1/2044
2014-138 RC	Base	Therma South, Inc.	0.80	2.00	7,008	17,520	12/18/2015	12/18/2040
2021-107 RC	Intermediate	Power Sector Assets and Liabilities Management Corporation	0.00	9.00	0	52,034	12/26/2024	12/25/2025
2015-040 RC	Peaking	Supreme Power Corporation	0.00	11.90	0	104,244	5/6/2016	5/6/2031

The **PSA with GNPK filed with ERC under Case No. 2014-011 RC** was procured through competitive bidding and aggregation. It was selected to provide for base requirements since it is a coal-fired power plant. Historically, the utilization of the PSA is 27.06%. The decrease in the utilization in GNPK was due to the implementation of the Take-and-Pay scheme. The actual billed overall monthly charge under the PSA ranged from 6.71 P/kWh to 10.88 P/KWh in the same period.

The **PSA with FDC-Coal filed with ERC under Case No. 2015-119 RC** was procured through unsolicited proposal. It was selected to provide for base requirements since it is a coal-fired power plant. Historically, the utilization of the PSA is 89.41%. The actual billed overall monthly charge under the PSA ranged from 6.30 P/kWh to 8.85 P/KWh in the same period.

The **PSA with SEC filed with ERC under Case No. 2014-120 RC** was procured through unsolicited proposal. It was selected to provide for base requirements since it is a coal-fired power plant. Historically, the utilization of the PSA is 98.16%. The actual billed overall monthly charge under the PSA ranged from 6.79 P/kWh to 8.60 P/KWh in the same period.

The **PSA with TSI filed with ERC under Case No. 2014-138 RC** was procured through unsolicited proposal. It was selected to provide for base requirements since it is a coal-fired power plant. Historically, the utilization of the PSA is 93.13%. The actual billed overall monthly charge under the PSA ranged from 6.86 P/kWh to 8.42 P/KWh in the same period.

The **PSA with SPC filed with ERC under Case No. 2015-040 RC** was procured through unsolicited proposal. It was selected to provide for peaking requirements. Historically, the utilization of the PSA is 1.72%.

DOE CSP-COE was given to the CSEE of SOCOTECO I and PSALM Corporation for 2024-2025. Historically, the utilization pf PSALM-CSEE is at 98.71%. The actual billed overall monthly charge under the previous CSEE ranged from 2.06 P/kWh to 2.91 P/KWh.

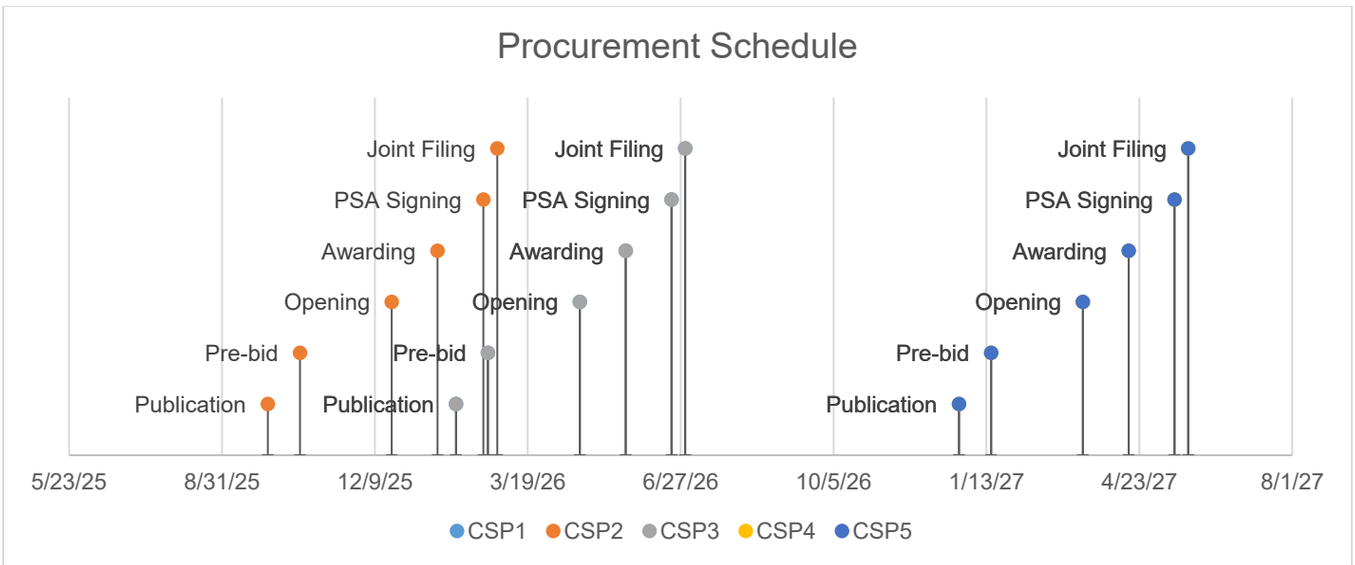
Case No.	Type	GenCo	Minimum MW	Maximum MW	Minimum MWh/yr	PSA Start	PSA End
2015-040 RC	Peaking	Supreme Power Corporation	0.00	11.90	0	5/6/2031	5/6/2051
2021-107 RC	Intermediate	Power Sector Assets and Liabilities Management Corporation	0.00	10.00	87,600	12/26/2025	12/25/2035

The PSA with SPC filed with ERC under Case No. 2015-040 RC was procured through unsolicited proposal. It was selected to provide for peaking requirements. The Contract is Electricity Supply and Transfer Agreement wherein at the end of the Contract, the ownership of the facility shall be transferred to SOCOTECO I in year 2031. This case is still pending until the end of contract. However, if the Commission decides to hold the operation of the SPC while the case is still on-going, the cooperative will resort to nominate in the WESM for peaking requirements.

Addressing the immediate need for cost-efficient supply, SOCOTECO I plans to secure a 10 MW allocation from PSALM for its CSEE 2026, leveraging its 100% capacity factor for stable, base-load support starting in 2026. This move is primarily designed to maximize financial protection, as this lower-cost resource will be strategically utilized to mitigate WESM price volatility and significantly reduce the overall blended generation rate during the crucial development period of the new CSP contracts.

SOCOTECO I will proactively pursue any available additional capacity from PSALM to further enhance these rate reduction benefits. Crucially, all PSALM sourcing activities are designed to integrate seamlessly in SOCOTECO I supply portfolio while maintaining full compliance with all existing and prospective bilateral contract obligations.

	CSP1	CSP2	CSP3	CSP4	CSP5
Type	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
Minimum MW	7.00	3.00	20.00	20.00	10.00
Minimum MWh/yr	12,877	14,191	35,040	35,040	43,800
PSA Start	12/26/2027	5/26/2027	12/26/2027	12/26/2028	12/26/2031
PSA End	12/25/2052	5/25/2047	5/25/2052	12/25/2053	12/25/2056
Publication	1/31/2026	9/30/2025	1/31/2026	12/26/2026	12/26/2026
Pre-bid	2/21/2026	10/21/2025	2/21/2026	1/16/2027	1/16/2027
Opening	4/22/2026	12/20/2025	4/22/2026	3/17/2027	3/17/2027
Awarding	5/22/2026	1/19/2026	5/22/2026	4/16/2027	4/16/2027
PSA Signing	6/21/2026	2/18/2026	6/21/2026	5/16/2027	5/16/2027
Joint Filing	6/30/2026	2/27/2026	6/30/2026	5/25/2027	5/25/2027



The procurement of CSP1 (7.0 MW) and CSP2 (3.0 MW) is specifically proposed as embedded Renewable Energy (RE) generation plants. This approach aims to qualify for CSP exception from the Competitive Selection Process (CSP) under DOE DC 2023-06-0021 Section 2.3.4, which allows a

CSP exception for RE generation plants embedded within the Distribution Utility's (DU) franchise area, provided they do not exceed 10MW per DU.

For CSP1, the 7.0 MW capacity is planned to be available on December 26, 2027. The PSA signing is scheduled for June 21, 2026, with joint filing planned for June 30, 2026.

For CSP 2, the 3.0 MW capacity is planned to be available earlier, on May 26, 2027. The PSA is already signed by SOCOTECO I and Euro Hydro Power (Asia) Holdings, Inc. on September 30, 2025.

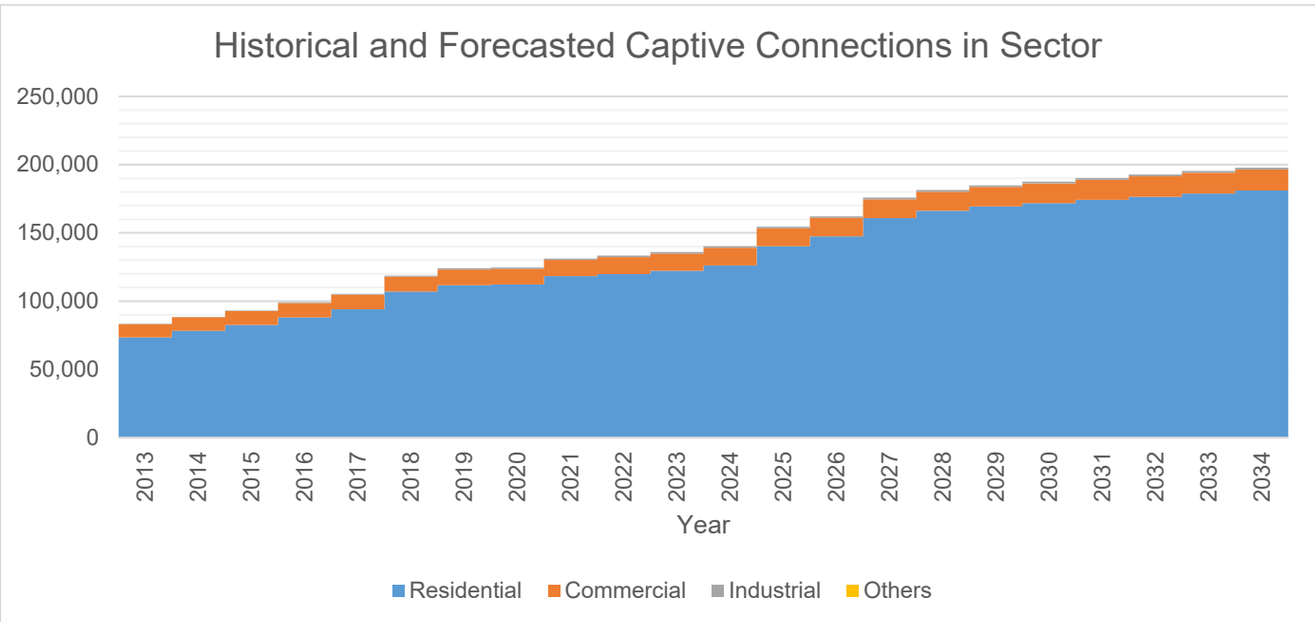
Both Power Supply Agreements (PSAs) are crucial to maximizing the opportunity for this CSP exception while simultaneously supporting SOCOTECO I's mandated compliance with the Renewable Portfolio Standard (RPS).

CSP3, CSP4, and CSP5 — Scheduled Competitive Procurement
These larger capacity requirements will be secured through the formal Competitive Selection Process (CSP) under the DOE's CSP Policy.

- CSP3 (20.00 MW): Planned availability is December 26, 2027. The first publication of the CSP is set for January 31, 2026. Joint filing is planned for June 30, 2026 (150 days later).
- CSP4 (20.00 MW): Planned availability is December 26, 2028. The first publication of the CSP is set for December 26, 2026. Joint filing is planned for May 25, 2027 (150 days later).
- CSP5 (10.00 MW): Planned availability is December 26, 2031. The first publication of the CSP is also set for December 26, 2026. Joint filing is planned for May 25, 2027 (150 days later).

The presented CSP schedules are the regulatory baseline. It is subject to strategic adjustments based on opportunities that may arise, particularly those permitted under Section 2.3.5 of DOE DC2025-10-0022.

Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 4.45% annually. Said customer class is expected to account for 48.85% of the total consumption.

The number of Commercial connections is expected to grow at a rate of 2.24% annually. Said customer class is expected to account for 17.91% of the total consumption.

The number of Industrial connections is expected to grow at a rate of 7.96% annually. Said customer class is expected to account for 33.24% of the total consumption.