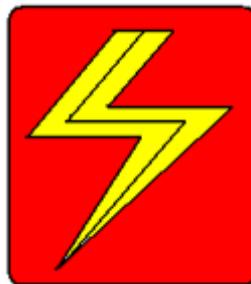


Power Supply Procurement Plan

2025 - 2034



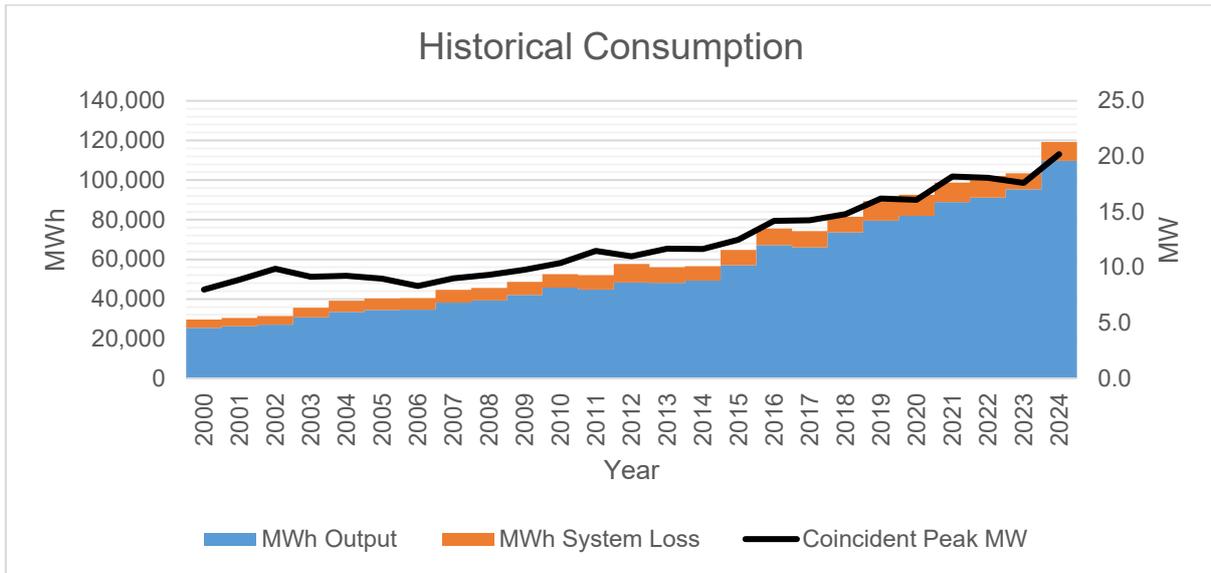
**SAMAR II ELECTRIC COOPERATIVE, INC.
Paranas, Samar**

Historical Consumption Data

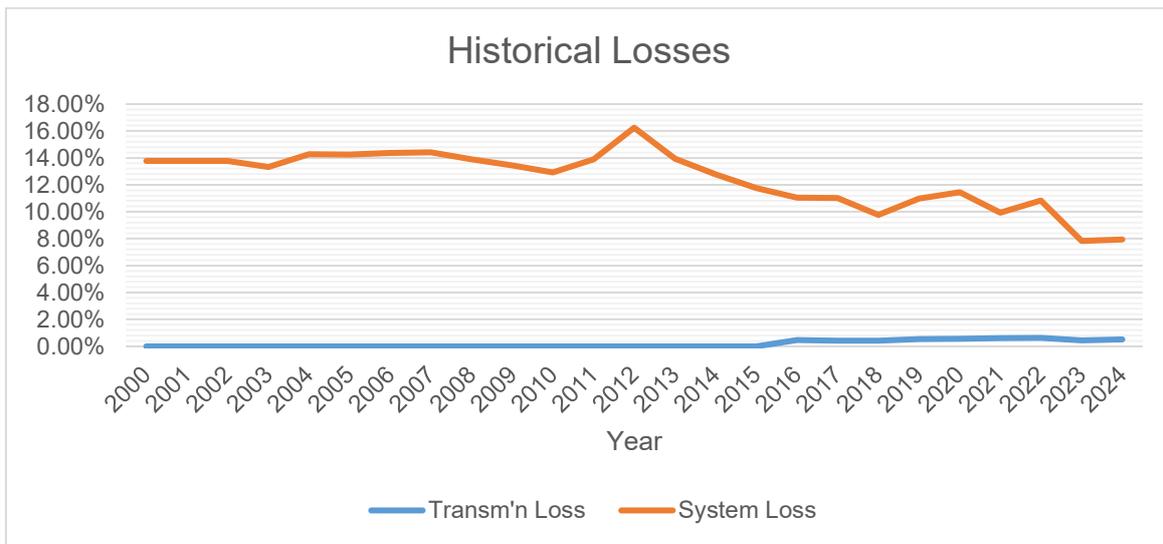
	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	7.99	29,604	0	29,604	25,523	4,081	42%	0.00%	0.00%	13.79%
2001	8.88	30,520	0	30,520	26,312	4,208	39%	0.00%	0.00%	13.79%
2002	9.87	31,464	0	31,464	27,126	4,338	36%	0.00%	0.00%	13.79%
2003	9.16	35,550	0	35,550	30,814	4,736	44%	0.00%	0.00%	13.32%
2004	9.24	39,194	0	39,194	33,599	5,595	48%	0.00%	0.00%	14.28%
2005	8.97	40,229	0	40,229	34,497	5,732	51%	0.00%	0.00%	14.25%
2006	8.33	40,477	0	40,477	34,662	5,815	55%	0.00%	0.00%	14.37%
2007	9.00	44,610	0	44,610	38,183	6,427	57%	0.00%	0.00%	14.41%
2008	9.34	45,598	0	45,598	39,264	6,334	56%	0.00%	0.00%	13.89%
2009	9.78	48,623	0	48,623	42,081	6,542	57%	0.00%	0.00%	13.45%
2010	10.39	52,577	0	52,577	45,780	6,797	58%	0.00%	0.00%	12.93%
2011	11.49	52,119	0	52,119	44,877	7,242	52%	0.00%	0.00%	13.90%
2012	10.99	57,703	0	57,703	48,330	9,374	60%	0.00%	0.00%	16.24%
2013	11.69	56,051	0	56,051	48,233	7,818	55%	0.00%	0.00%	13.95%
2014	11.66	56,577	7,517	56,577	49,351	7,226	55%	0.00%	0.00%	12.77%
2015	12.49	64,708	2,082	64,708	57,093	7,615	59%	0.00%	0.00%	11.77%
2016	14.19	75,894	3,603	75,542	67,191	8,351	61%	0.00%	0.46%	11.05%
2017	14.24	74,538	13,170	74,226	66,042	8,184	60%	0.00%	0.42%	11.03%
2018	14.78	81,882	7,092	81,532	73,560	7,972	63%	0.00%	0.43%	9.78%
2019	16.19	89,885	13,985	89,400	79,592	9,808	63%	0.00%	0.54%	10.97%
2020	16.08	93,143	23,262	92,612	82,008	10,604	66%	0.00%	0.57%	11.45%
2021	18.17	99,440	-4,061	98,831	88,991	9,823	62%	-0.02%	0.61%	9.94%
2022	18.06	102,852	-10,624	102,203	91,137	11,066	65%	0.00%	0.63%	10.83%
2023	17.61	103,957	-15,040	103,490	95,387	8,103	67%	0.00%	0.45%	7.83%
2024	20.19	119,781	41,470	119,154	109,698	9,456	67%	0.00%	0.52%	7.94%

Peak Demand **increased** from **17.61** MW in **September** to **20.19** MW in **October** at a rate of **14.65 %** due to **increase in residential demand**. MWh Offtake **increased** from **9,735** MWh in **September** to **10,977** MWh in **August** at a rate of **12.76%** due to **increase consumption on the month-long fiesta celebration on August**. Within the same period, Load Factor remain the same at 67%. There was an abrupt change in consumption on 2024 due to opening of shopping center in Catbalogan.

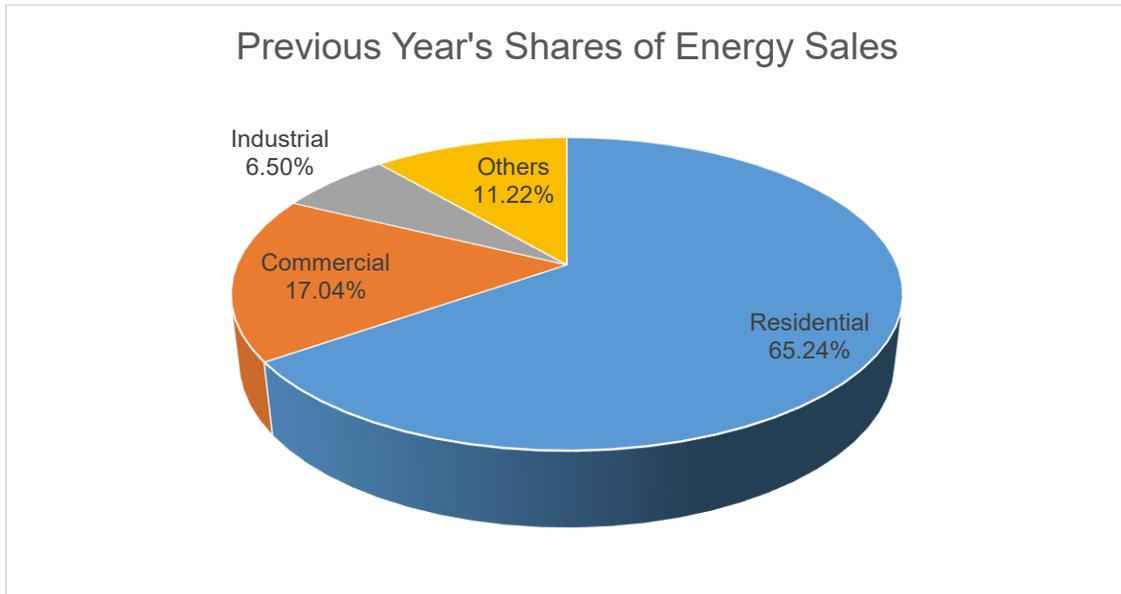
SAMELCO II PSPP - GRID 2025-2034



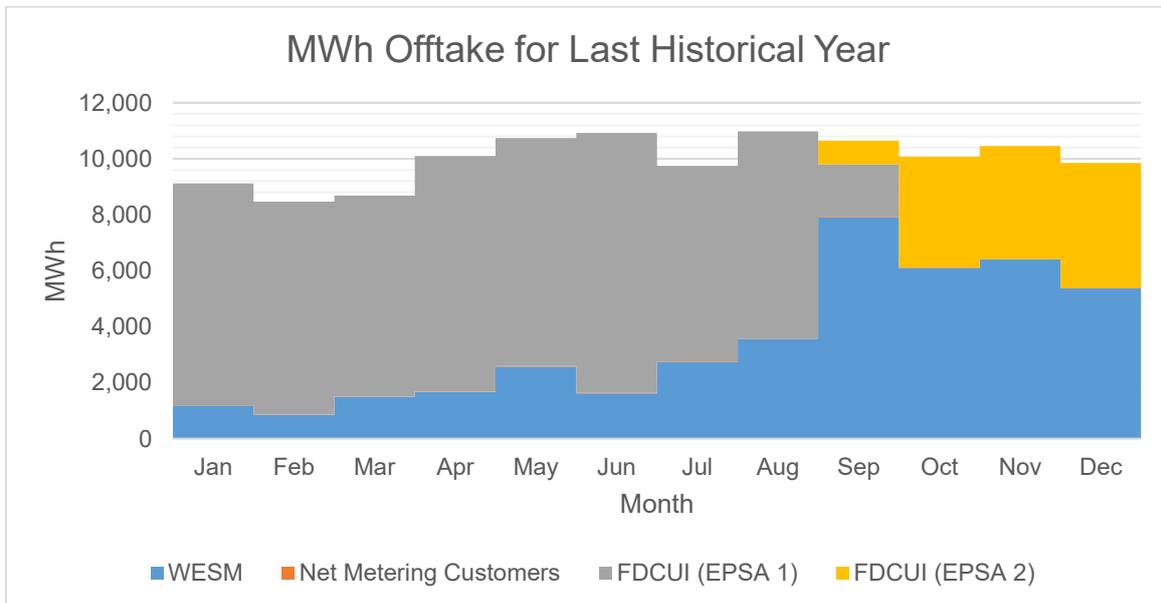
MWh Output **increased** from year **2023** to year **2024** at a rate of **15%**, while MWh System Loss increased at a rate of **1.40%** within the same period.



Historically, Transmission Loss ranged from 0.42% to 0.63% while System Loss ranged from 7.83% to 16.24%. Transmission Loss peaked at 0.63% on year 2022 because of growing system demand. System Loss peaked at 16.24% on year 2012 because of the problems on the non-technical side that have encountered; most of the kWh meters installed were beyond 20 years, hence a low accuracy, widespread illegal connection, right-of-way problems, and loose connections at the primary and secondary side taps.

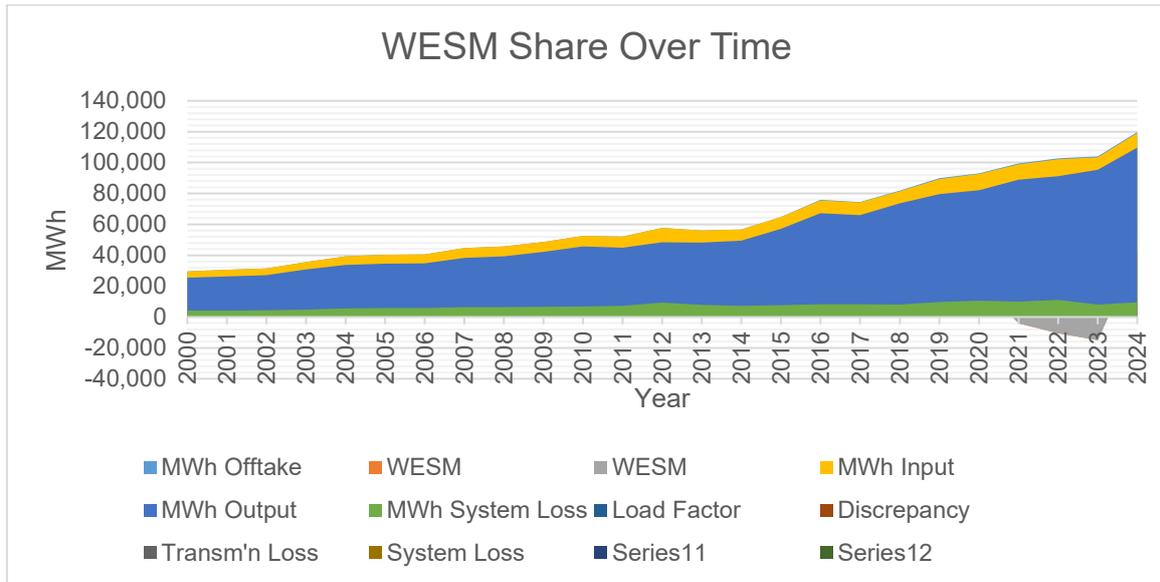


Residential customers account for the bulk of energy sales at 65.24% due to the high number of connections. In contrast, industrial customers accounted for only 6.50% of energy sales due to the low number of connections.



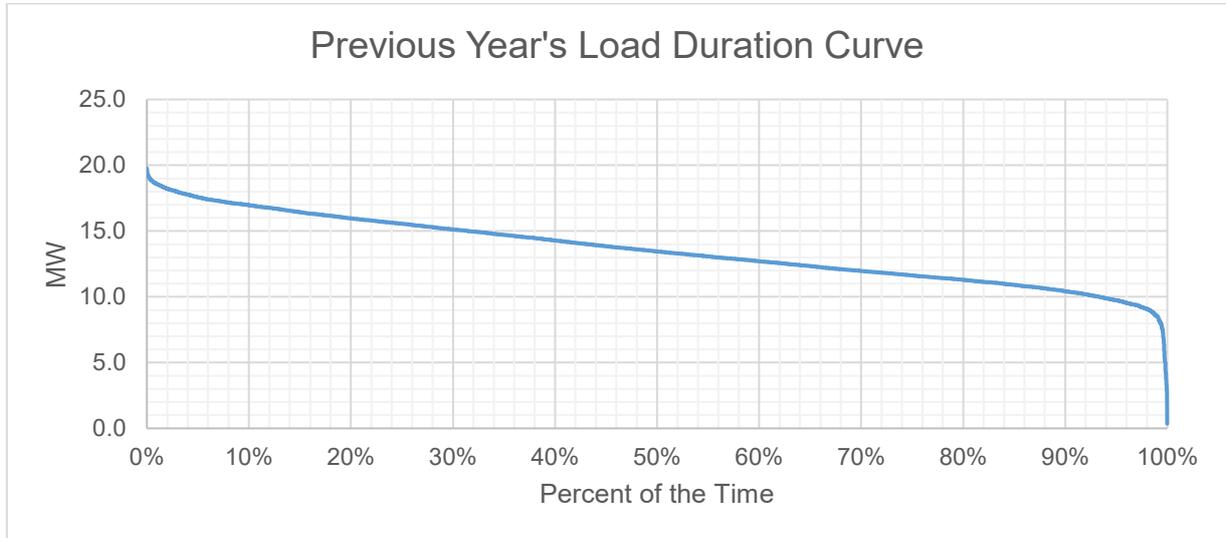
For 2024, the total Offtake for the last historical year is lower than the quantity stipulated in the PSA. The PSA with FDCUI (EPSA 1) and FDCUI (EPSA 2) accounts for the bulk of MWh Offtake.

SAMELCO II PSPP - GRID 2025-2034

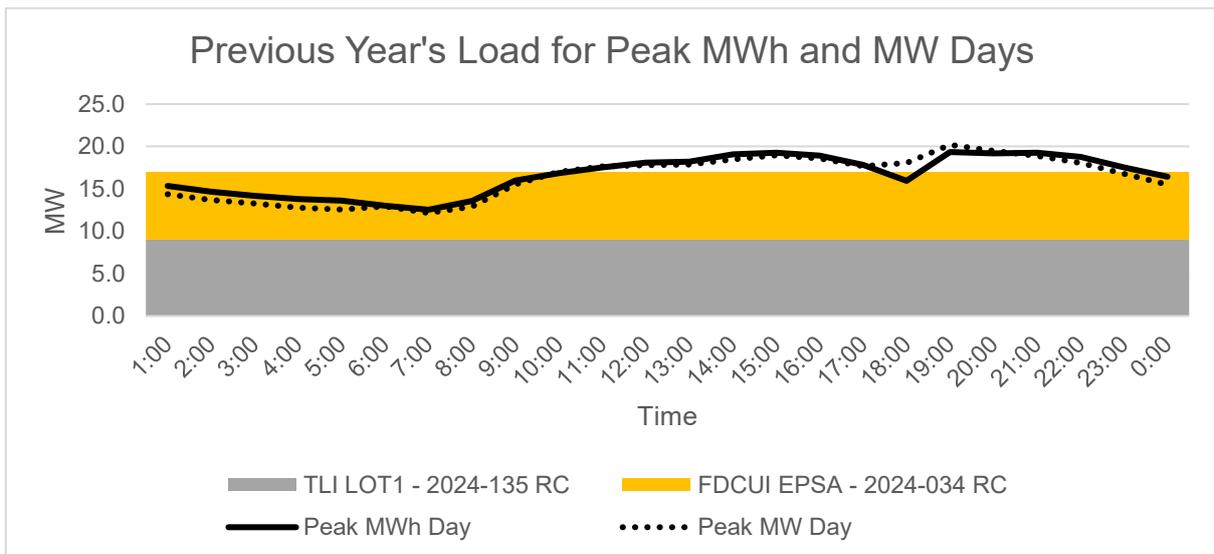


WESM Offtake increased from -15,040 MWh in 2023 to 41,470 MWh in 2024 at a rate of 375%. This increase is attributed to delays caused by the late approval and/or submission of the required documents. The share of WESM in the total Offtake ranged from 10.1% to 74.3%, this is for the month of February and September 2024, respectively. There is no negative WESM transaction for the year 2024.

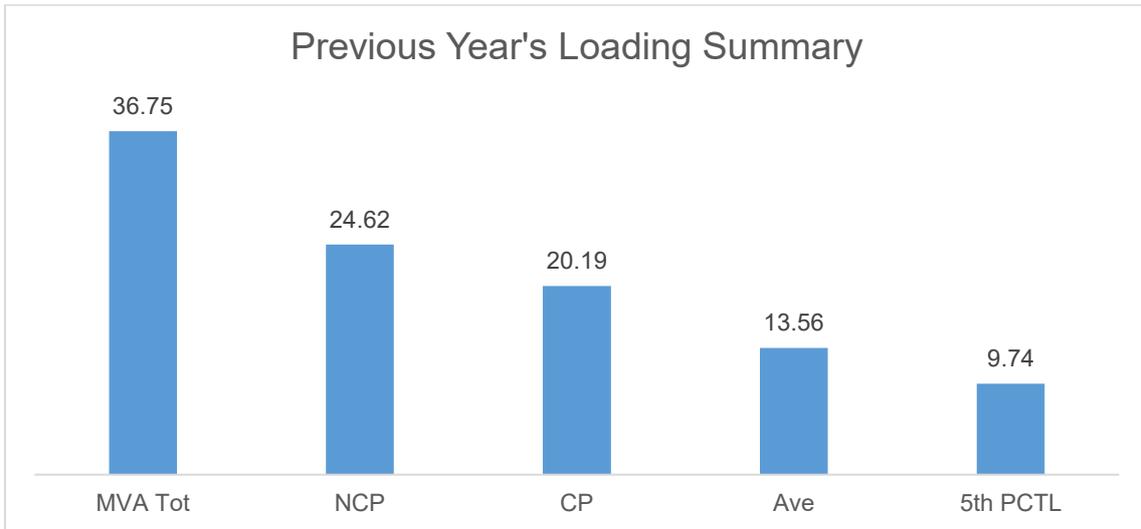
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 0.361MW and the maximum load is 20.193MW for the last historical year.



Peak MW occurred on 30th of September due to full high consumption of residential. Peak daily MWh occurred on June maybe due to high commercial operation. As shown in the Load Curves, the available supply is lower than the Peak Demand.



The Non-coincident Peak Demand is 24.616 MW, which is around 66.98% of the total substation capacity of 36.75 MVA at a power factor of 99%. The load factor or the ratio between the Average Load of 13.56 MW and the Non-coincident Peak Demand is 55.07% of. A safe estimate of the true minimum load is the fifth percentile load of 9.74 MW which is 39.55% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
Paranas	6.25	3.648
Catbalogan	18	11.994
Bagolibas	6.25	4.342
Villareal	6.25	4.632

Based on the table above, it shows that Bagolibas substations were loaded at 69.47% of power transformer capacity which is planned to uprate on the year 2025. Paranas Substation is 54.34%. The CAPEX for Basey substation is now for technical evaluation.

The Villareal substation which indicate a load 74.11% of power transformer capacity was due only to a load transfer. The normal peak of the said substation was only around 2.7MW.

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	19.61	9.00	8.00	0.000		46%	87%	-2.61
	Feb	18.85	9.00	8.00	0.000		48%	90%	-1.85
	Mar	17.47	9.00	8.00	0.000		52%	97%	-0.47
	Apr	19.23	9.00	11.00	0.000		47%	104%	0.77
	May	20.17	9.00	11.00	0.000		45%	99%	-0.17
	Jun	20.11	9.00	12.00	0.000		45%	104%	0.89
	Jul	19.54	9.00	12.00	0.000		46%	107%	1.46
	Aug	20.88	9.00	12.00	0.000		43%	101%	0.12
	Sep	20.29	9.00	12.00	0.000		44%	104%	0.71
	Oct	21.35	9.00	12.00	0.000		42%	98%	-0.35
	Nov	20.20	9.00	12.00	0.000		45%	104%	0.80
	Dec	19.69	9.00	12.00	0.000		46%	107%	1.31
2026	Jan	20.44	9.00	12.00	2.000		44%	113%	2.56
	Feb	19.65	9.00	12.00	2.000		46%	117%	3.35
	Mar	18.20	9.00	12.00	2.000		49%	126%	4.80
	Apr	20.04	9.00	12.00	2.000		45%	115%	2.96
	May	21.02	9.00	12.00	2.000		43%	109%	1.98
	Jun	20.96	9.00	12.00	2.000		43%	110%	2.04
	Jul	20.37	9.00	12.00	2.000		44%	113%	2.63
	Aug	21.76	9.00	12.00	2.000		41%	106%	1.24
	Sep	21.14	9.00	12.00	2.000		43%	109%	1.86
	Oct	22.25	9.00	12.00	2.000		40%	103%	0.75
	Nov	21.05	9.00	12.00	2.000		43%	109%	1.95

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	Dec	20.52	9.00	12.00	2.000		44%	112%	2.48
2027	Jan	21.27	9.00	12.00	2.000		42%	108%	1.73
	Feb	20.45	9.00	12.00	2.000		44%	112%	2.55
	Mar	18.94	9.00	12.00	2.000		48%	121%	4.06
	Apr	20.85	9.00	12.00	2.000		43%	110%	2.15
	May	21.88	9.00	12.00	2.000		41%	105%	1.12
	Jun	21.81	9.00	12.00	2.000		41%	105%	1.19
	Jul	21.19	9.00	12.00	2.000		42%	109%	1.81
	Aug	22.64	9.00	12.00	2.000		40%	102%	0.36
	Sep	22.00	9.00	12.00	2.000		41%	105%	1.00
	Oct	23.15	9.00	12.00	2.000		39%	99%	-0.15
	Nov	21.90	9.00	12.00	2.000		41%	105%	1.10
	Dec	21.35	9.00	12.00	2.000		42%	108%	1.65
2028	Jan	22.09	9.00	12.00	2.000		41%	104%	0.91
	Feb	21.24	9.00	12.00	2.000		42%	108%	1.76
	Mar	19.68	9.00	12.00	2.000		46%	117%	3.32
	Apr	21.66	9.00	12.00	2.000		42%	106%	1.34
	May	22.73	9.00	12.00	2.000		40%	101%	0.27
	Jun	22.66	9.00	12.00	2.000		40%	101%	0.34
	Jul	22.02	9.00	12.00	2.000		41%	104%	0.98
	Aug	23.52	9.00	12.00	2.000		38%	98%	-0.52
	Sep	22.86	9.00	12.00	2.000		39%	101%	0.14
	Oct	24.05	9.00	12.00	2.000		37%	96%	-1.05
	Nov	22.76	9.00	12.00	2.000		40%	101%	0.24
	Dec	22.18	9.00	12.00	2.000		41%	104%	0.82
2029	Jan	22.92	9.00	12.00	2.000		39%	100%	0.08
	Feb	22.04	9.00	12.00	2.000		41%	104%	0.96
	Mar	20.42	9.00	12.00	2.000		44%	113%	2.58

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	Apr	22.48	9.00	12.00	2.000		40%	102%	0.52
	May	23.58	9.00	12.00	2.000		38%	98%	-0.58
	Jun	23.51	9.00	12.00	2.000		38%	98%	-0.51
	Jul	22.84	9.00	12.00	2.000		39%	101%	0.16
	Aug	24.41	9.00	12.00	2.000		37%	94%	-1.41
	Sep	23.71	9.00	12.00	2.000		38%	97%	-0.71
	Oct	24.95	9.00	12.00	2.000		36%	92%	-1.95
	Nov	23.61	9.00	12.00	2.000		38%	97%	-0.61
	Dec	23.01	9.00	12.00	2.000		39%	100%	-0.01
2030	Jan	23.75	9.00	12.00	2.000		38%	97%	-0.75
	Feb	22.84	9.00	12.00	2.000		39%	101%	0.16
	Mar	21.16	9.00	12.00	2.000		43%	109%	1.84
	Apr	23.29	9.00	12.00	2.000		39%	99%	-0.29
	May	24.44	9.00	12.00	2.000		37%	94%	-1.44
	Jun	24.36	9.00	12.00	2.000		37%	94%	-1.36
	Jul	23.67	9.00	12.00	2.000		38%	97%	-0.67
	Aug	25.29	9.00	12.00	2.000		36%	91%	-2.29
	Sep	24.57	9.00	12.00	2.000		37%	94%	-1.57
	Oct	25.86	9.00	12.00	2.000		35%	89%	-2.86
	Nov	24.47	9.00	12.00	2.000		37%	94%	-1.47
	Dec	23.85	9.00	12.00	2.000		38%	96%	-0.85
2031	Jan	24.58	9.00	12.00	2.000		37%	94%	-1.58
	Feb	23.64	9.00	12.00	2.000		38%	97%	-0.64
	Mar	21.90	9.00	12.00	2.000		41%	105%	1.10
	Apr	24.10	9.00	12.00	2.000		37%	95%	-1.10
	May	25.29	9.00	12.00	2.000		36%	91%	-2.29
	Jun	25.22	9.00	12.00	2.000		36%	91%	-2.22
	Jul	24.50	9.00	12.00	2.000		37%	94%	-1.50

SAMELCO II PSPP - GRID 2025-2034

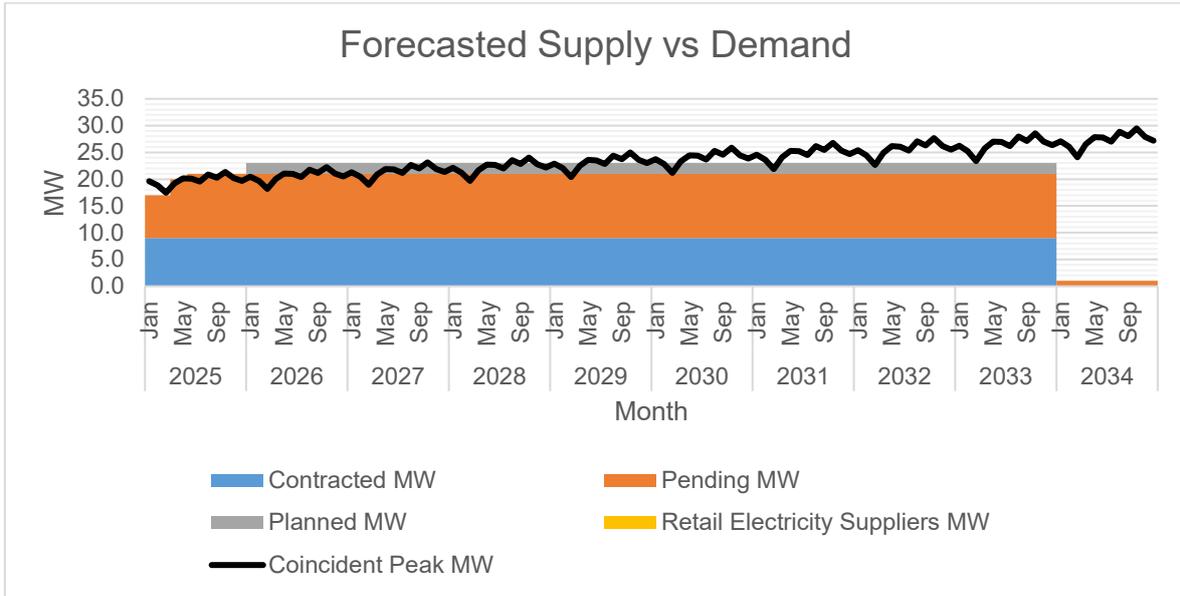
	Aug	26.17	9.00	12.00	2.000		34%	88%	-3.17
	Sep	25.43	9.00	12.00	2.000		35%	90%	-2.43
	Oct	26.76	9.00	12.00	2.000		34%	86%	-3.76
	Nov	25.32	9.00	12.00	2.000		36%	91%	-2.32
	Dec	24.68	9.00	12.00	2.000		36%	93%	-1.68
2032	Jan	25.41	9.00	12.00	2.000		35%	90%	-2.41
	Feb	24.44	9.00	12.00	2.000		37%	94%	-1.44
	Mar	22.64	9.00	12.00	2.000		40%	102%	0.36
	Apr	24.92	9.00	12.00	2.000		36%	92%	-1.92
	May	26.14	9.00	12.00	2.000		34%	88%	-3.14
	Jun	26.07	9.00	12.00	2.000		35%	88%	-3.07
	Jul	25.33	9.00	12.00	2.000		36%	91%	-2.33
	Aug	27.06	9.00	12.00	2.000		33%	85%	-4.06
	Sep	26.29	9.00	12.00	2.000		34%	87%	-3.29
	Oct	27.67	9.00	12.00	2.000		33%	83%	-4.67
	Nov	26.18	9.00	12.00	2.000		34%	88%	-3.18
	Dec	25.52	9.00	12.00	2.000		35%	90%	-2.52
2033	Jan	26.25	9.00	12.00	2.000		34%	88%	-3.25
	Feb	25.23	9.00	12.00	2.000		36%	91%	-2.23
	Mar	23.38	9.00	12.00	2.000		39%	98%	-0.38
	Apr	25.73	9.00	12.00	2.000		35%	89%	-2.73
	May	27.00	9.00	12.00	2.000		33%	85%	-4.00
	Jun	26.92	9.00	12.00	2.000		33%	85%	-3.92
	Jul	26.15	9.00	12.00	2.000		34%	88%	-3.15
	Aug	27.94	9.00	12.00	2.000		32%	82%	-4.94
	Sep	27.15	9.00	12.00	2.000		33%	85%	-4.15
	Oct	28.57	9.00	12.00	2.000		32%	81%	-5.57
	Nov	27.03	9.00	12.00	2.000		33%	85%	-4.03

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	Dec	26.35	9.00	12.00	2.000		34%	87%	-3.35
2034	Jan	27.08	0.00	1.00	0.000		0%	4%	-26.08
	Feb	26.03	0.00	1.00	0.000		0%	4%	-25.03
	Mar	24.12	0.00	1.00	0.000		0%	4%	-23.12
	Apr	26.55	0.00	1.00	0.000		0%	4%	-25.55
	May	27.85	0.00	1.00	0.000		0%	4%	-26.85
	Jun	27.77	0.00	1.00	0.000		0%	4%	-26.77
	Jul	26.98	0.00	1.00	0.000		0%	4%	-25.98
	Aug	28.83	0.00	1.00	0.000		0%	3%	-27.83
	Sep	28.01	0.00	1.00	0.000		0%	4%	-27.01
	Oct	29.48	0.00	1.00	0.000		0%	3%	-28.48
	Nov	27.89	0.00	1.00	0.000		0%	4%	-26.89
	Dec	27.18	0.00	1.00	0.000		0%	4%	-26.18

The Peak Demand was forecasted using trend analysis (regression model) and was assumed to occur on the month of May due to the expected higher consumption and due to the effect of summer season hence higher energy consumption. Monthly Peak Demand is at its lowest in the month of February due to cold weather at that time. In general, Peak Demand is expected to grow at a rate of 3.90-4.22% annually in the next three (3) years.

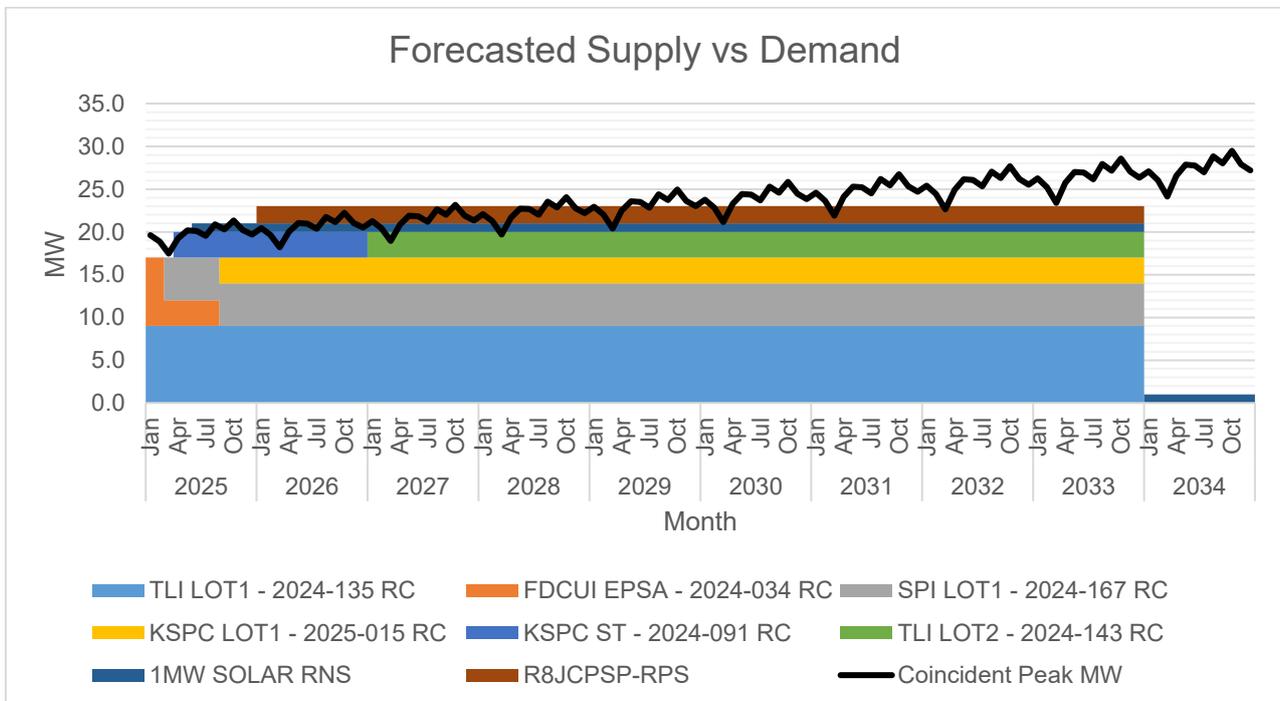
SAMELCO II PSCP - GRID 2025-2034



For the year 2025 the available supply is sufficiently meet the demand due to the new conducted CSP for 2024 onwards. And the EPSA with FDCUI with a firm capacity of 8MW will end this April 2025, which will be replaced by the remaining R8JCPSP Lot 1 power suppliers.

In addition, the solar power project grant by the World Bank is expected to commission this first quarter of 2024.

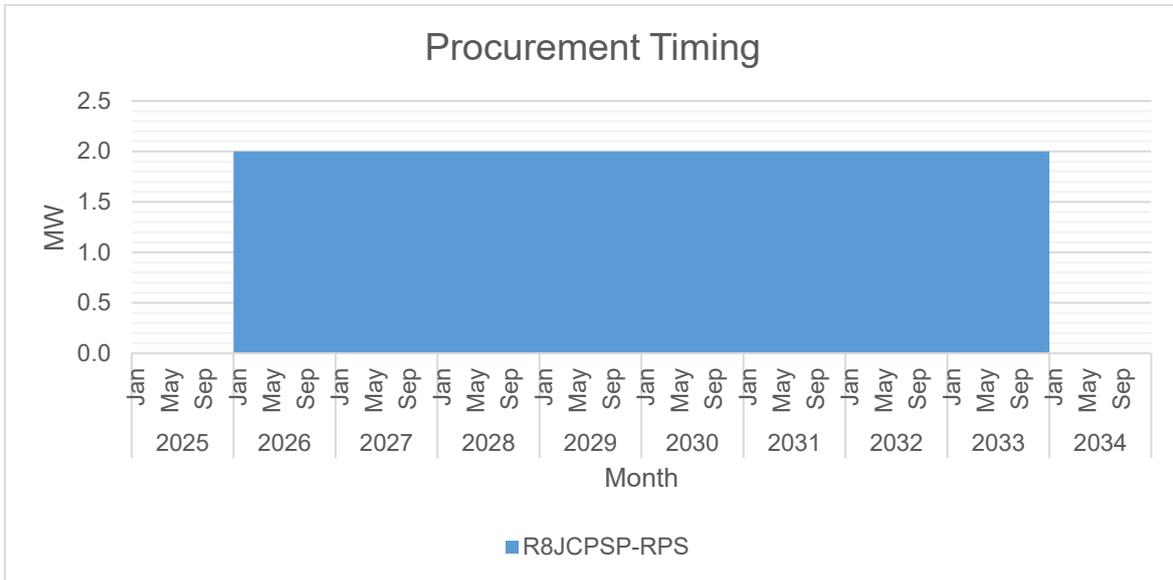
SAMELCO II will join the R8JCPSP for the CSP of RPS requirements for the year 2026-2033.



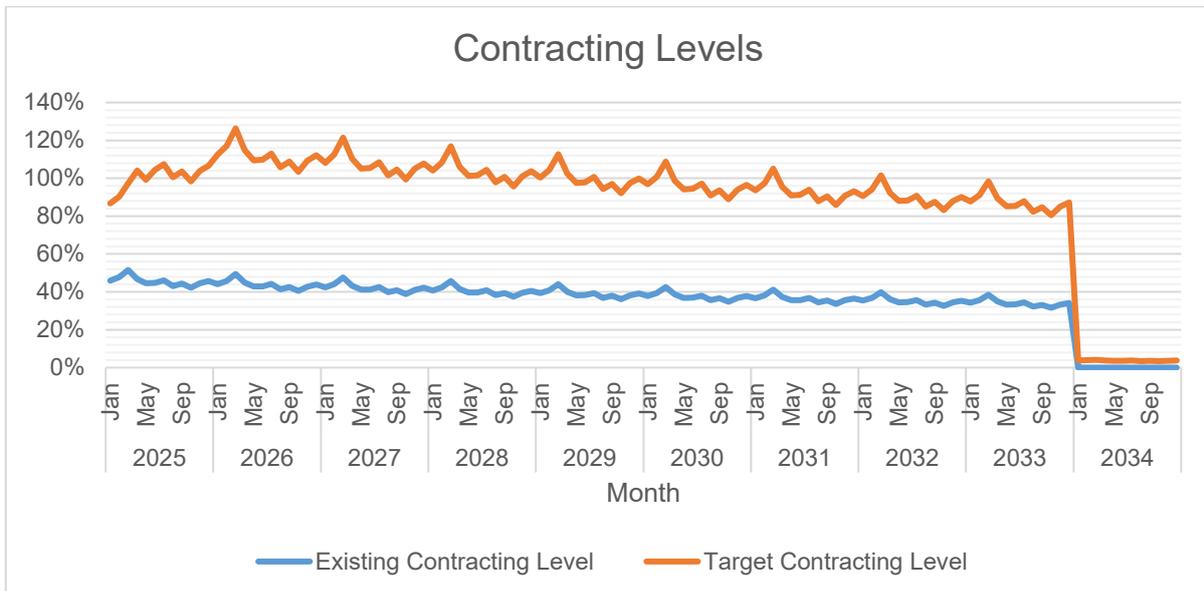
Of the available supply of the R8JCPSP_LT, the largest is 9MW of TLI followed by 5MW of SPI, and then 3MW of KSPC. R8JCPSP Lot 2 is also supplied by TLI which is 3MW. A 3MW will also be supplied by KSPC for the short-term (2024-2026) in which the PA application is not yet approved by ERC.

SAMELCO II PSPP - GRID 2025-2034

RPS requirements, for short-term supply. Also, 1MW Solar embedded that will be commission this second quarter of 2025.

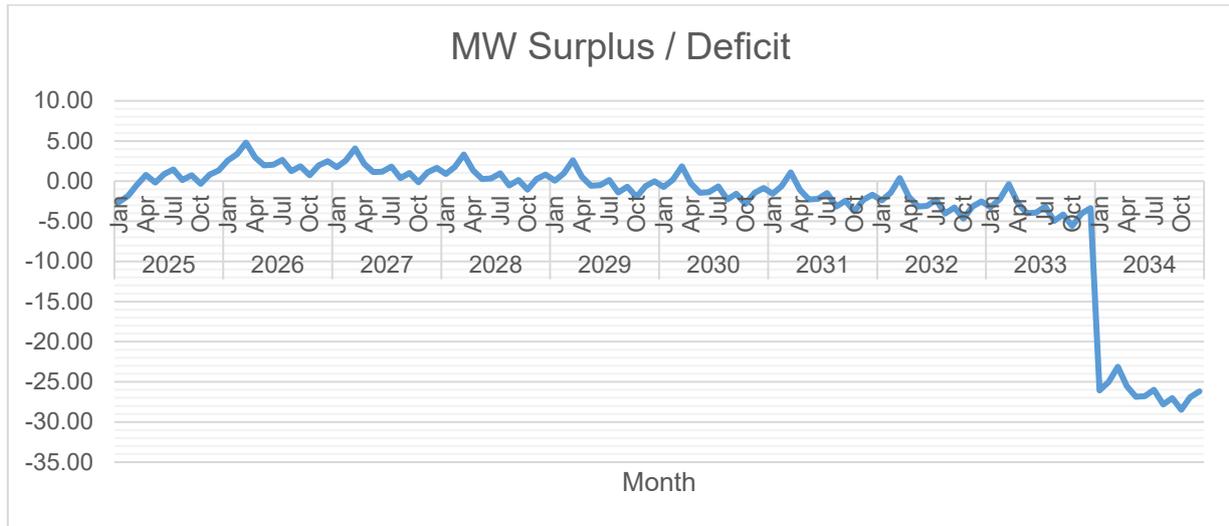


The procurement timing is for the RPS requirements of SAMELCO II an aggregation with R8JCPSP-RPS for the period 2026-2033.



Currently, there is under-contracting by 35% which occurred on October 2024. The highest target contracting level is 15.37% which is expected to occur on March 2026. The lowest target contracting level is -26.5% which is expected to occur on October 2034. However, this contract will be compensated by the RPS once start supplying.

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Currently, there is under-contracted up to 8.19 MW at the last quarter of 2024. The highest deficit is -28.48 MW which is expected to occur on the month of October 2034 but this will be mitigated by RPS once contract commence.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2025	Jan	10,435	9,394	991	0.48%	9.54%
	Feb	10,103	9,086	958	0.58%	9.54%
	Mar	8,887	7,990	842	0.62%	9.54%
	Apr	10,841	9,747	1,028	0.61%	9.54%
	May	11,578	10,403	1,097	0.67%	9.54%
	Jun	11,630	10,450	1,102	0.67%	9.54%
	Jul	10,397	9,340	985	0.68%	9.54%
	Aug	11,730	10,535	1,111	0.71%	9.54%
	Sep	11,519	10,357	1,092	0.61%	9.54%
	Oct	11,090	9,970	1,051	0.62%	9.54%
	Nov	11,118	10,000	1,054	0.57%	9.54%
	Dec	10,478	9,425	994	0.56%	9.54%
2026	Jan	10,875	9,866	957	0.48%	8.84%
	Feb	10,530	9,543	926	0.58%	8.84%
	Mar	9,262	8,391	814	0.62%	8.84%
	Apr	11,298	10,237	993	0.61%	8.84%
	May	12,066	10,925	1,060	0.67%	8.84%
	Jun	12,120	10,975	1,065	0.67%	8.84%
	Jul	10,835	9,810	951	0.68%	8.84%
	Aug	12,224	11,064	1,073	0.71%	8.84%
	Sep	12,005	10,877	1,055	0.61%	8.84%
	Oct	11,558	10,470	1,016	0.62%	8.84%
	Nov	11,587	10,502	1,019	0.57%	8.84%
	Dec	10,920	9,899	960	0.56%	8.84%
2027	Jan	11,316	10,330	932	0.48%	8.28%
	Feb	10,956	9,992	902	0.58%	8.28%
	Mar	9,637	8,785	793	0.62%	8.27%
	Apr	11,756	10,718	967	0.61%	8.27%

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	May	12,555	11,439	1,032	0.67%	8.27%
	Jun	12,612	11,491	1,037	0.67%	8.27%
	Jul	11,274	10,271	927	0.68%	8.27%
	Aug	12,720	11,584	1,045	0.71%	8.27%
	Sep	12,492	11,388	1,027	0.61%	8.27%
	Oct	12,026	10,962	989	0.62%	8.27%
	Nov	12,057	10,996	992	0.57%	8.27%
	Dec	11,362	10,364	935	0.56%	8.27%
2028	Jan	11,758	10,786	915	0.48%	7.82%
	Feb	11,384	10,433	886	0.58%	7.82%
	Mar	10,013	9,173	778	0.62%	7.82%
	Apr	12,214	11,190	950	0.61%	7.82%
	May	13,045	11,943	1,013	0.67%	7.82%
	Jun	13,103	11,998	1,018	0.67%	7.82%
	Jul	11,714	10,724	910	0.68%	7.82%
	Aug	13,216	12,095	1,026	0.71%	7.82%
	Sep	12,979	11,890	1,009	0.61%	7.82%
	Oct	12,495	11,446	971	0.62%	7.82%
	Nov	12,527	11,481	974	0.57%	7.82%
	Dec	11,805	10,821	918	0.56%	7.82%
2029	Jan	12,199	11,234	907	0.48%	7.47%
	Feb	11,811	10,866	877	0.58%	7.47%
	Mar	10,389	9,553	771	0.62%	7.47%
	Apr	12,673	11,655	941	0.61%	7.47%
	May	13,534	12,439	1,004	0.67%	7.47%
	Jun	13,595	12,496	1,009	0.67%	7.47%
	Jul	12,153	11,169	901	0.68%	7.47%
	Aug	13,712	12,598	1,017	0.71%	7.47%
	Sep	13,466	12,384	999	0.61%	7.47%
	Oct	12,964	11,921	962	0.62%	7.47%
	Nov	12,997	11,957	965	0.57%	7.47%
	Dec	12,249	11,270	910	0.56%	7.47%
2030	Jan	12,641	11,674	906	0.48%	7.20%
	Feb	12,239	11,292	877	0.58%	7.20%
	Mar	10,765	9,928	771	0.62%	7.20%
	Apr	13,132	12,112	940	0.61%	7.20%
	May	14,024	12,927	1,003	0.67%	7.20%
	Jun	14,087	12,985	1,008	0.67%	7.20%
	Jul	12,594	11,606	901	0.68%	7.20%
	Aug	14,208	13,091	1,016	0.71%	7.20%
	Sep	13,953	12,869	999	0.61%	7.20%
	Oct	13,433	12,388	962	0.62%	7.20%
	Nov	13,467	12,426	964	0.57%	7.20%
	Dec	12,692	11,712	909	0.56%	7.20%
2031	Jan	13,083	12,107	913	0.48%	7.02%
	Feb	12,667	11,710	884	0.58%	7.02%
	Mar	11,141	10,296	777	0.62%	7.01%
	Apr	13,591	12,561	947	0.61%	7.01%
	May	14,515	13,406	1,011	0.67%	7.01%

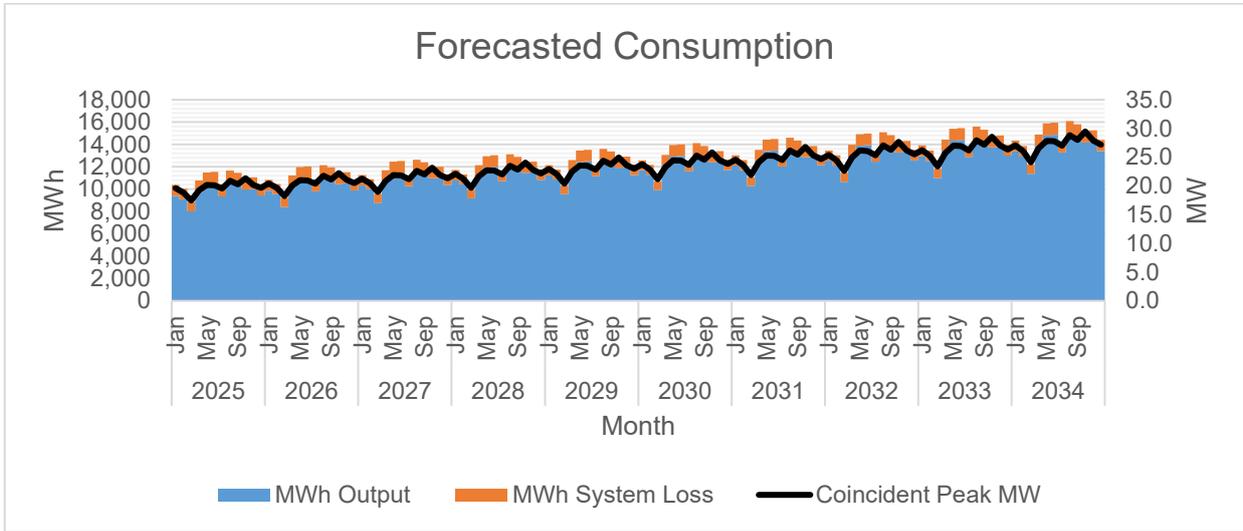
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	Jun	14,580	13,467	1,016	0.67%	7.01%
	Jul	13,034	12,037	908	0.68%	7.01%
	Aug	14,705	13,576	1,024	0.71%	7.01%
	Sep	14,441	13,346	1,007	0.61%	7.01%
	Oct	13,903	12,848	969	0.62%	7.01%
	Nov	13,938	12,886	972	0.57%	7.01%
	Dec	13,136	12,146	916	0.56%	7.01%
2032	Jan	13,525	12,533	928	0.48%	6.89%
	Feb	13,095	12,122	898	0.58%	6.89%
	Mar	11,518	10,658	789	0.62%	6.89%
	Apr	14,050	13,002	962	0.61%	6.89%
	May	15,005	13,877	1,027	0.67%	6.89%
	Jun	15,072	13,940	1,032	0.67%	6.89%
	Jul	13,474	12,460	922	0.68%	6.89%
	Aug	15,202	14,053	1,040	0.71%	6.89%
	Sep	14,929	13,815	1,023	0.61%	6.89%
	Oct	14,373	13,299	984	0.62%	6.89%
	Nov	14,409	13,339	987	0.57%	6.89%
	Dec	13,580	12,573	931	0.56%	6.89%
2033	Jan	13,967	12,951	950	0.48%	6.83%
	Feb	13,523	12,527	919	0.58%	6.83%
	Mar	11,894	11,013	807	0.62%	6.83%
	Apr	14,509	13,436	985	0.61%	6.83%
	May	15,496	14,340	1,051	0.67%	6.83%
	Jun	15,565	14,405	1,056	0.67%	6.83%
	Jul	13,915	12,876	944	0.68%	6.83%
	Aug	15,699	14,523	1,065	0.71%	6.83%
	Sep	15,417	14,276	1,047	0.61%	6.83%
	Oct	14,843	13,743	1,007	0.62%	6.83%
	Nov	14,880	13,785	1,011	0.57%	6.83%
	Dec	14,024	12,993	952	0.56%	6.83%
2034	Jan	14,410	13,363	978	0.48%	6.82%
	Feb	13,951	12,925	946	0.58%	6.82%
	Mar	12,271	11,364	832	0.62%	6.82%
	Apr	14,969	13,863	1,015	0.61%	6.82%
	May	15,986	14,796	1,083	0.67%	6.82%
	Jun	16,058	14,863	1,088	0.67%	6.82%
	Jul	14,356	13,285	972	0.68%	6.82%
	Aug	16,196	14,984	1,097	0.71%	6.82%
	Sep	15,906	14,730	1,078	0.61%	6.82%
	Oct	15,313	14,180	1,038	0.62%	6.82%
	Nov	15,352	14,223	1,041	0.57%	6.82%
	Dec	14,468	13,406	981	0.56%	6.82%

MWh Offtake was forecasted using trend analysis (regression model). The average forecasted load factor is from 2025 to 2033 is 68.3%. While 55.2% is the lowest for the year 2025 and 79.2% is the highest from year 2033.

SAMELCO II PSPP - GRID 2025-2034

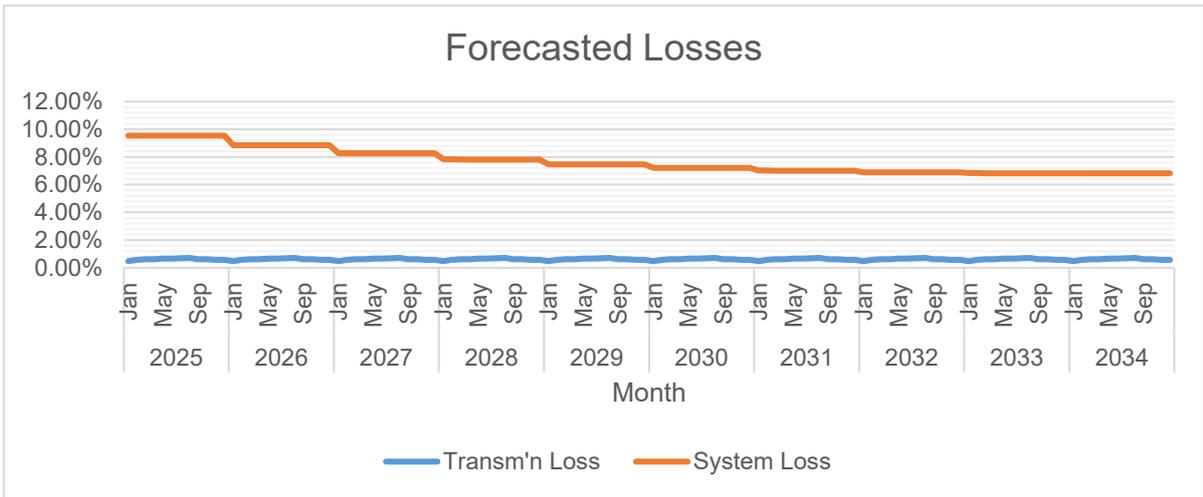
System Loss was calculated through a Load Flow Analysis Study conducted on every year by Corporate Planning Department using Distribution System Application Software (DSAS). Based on the same study, the Distribution System can adequately convey electricity to customers.



MWh Output was expected to grow at a rate of 4.22% to 3.17% annually. An average growth rate of 3.65%.

For the forecast highest sales output, expected highest loads of commercial and Industrial loads in the area of Catbalogan City, Sta. Rita and Basey which more incoming establishment the area.

In Others (Public & Street Lights) loads, highest forecast for Catbalogan City due to more incoming public offices of the government.



Transmission Loss is expected to range from 0.51% to 0.71% while System Loss is expected to range from 6.82% to 9.54%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
TLI LOT1 - 2024-135 RC	Base	Therma Luzon, Inc.	4.50	51,246	12/26/2024	12/25/2033

The PSA with Therma Luzon, Inc. (TLI) filed with ERC under Case No. 2024-135 RC was procured through R8JCPSP-LT Lot-1. It was selected to provide for base requirements due to the terminated contract with GNPD. The utilization of the PSA is 65% to 100%.

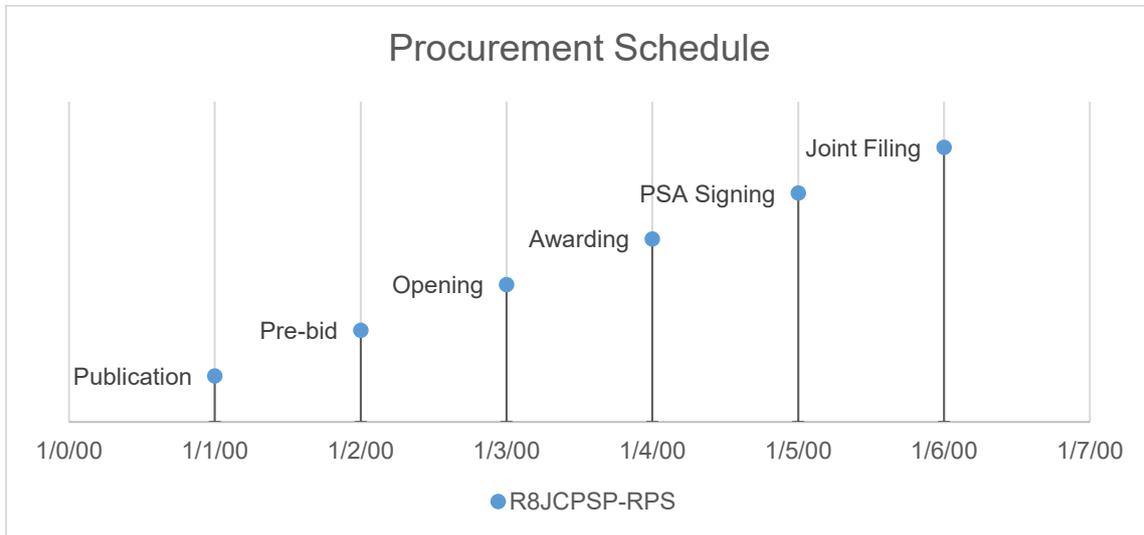
Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
FDCUI EPSA - 2024-034 RC	Base	FDC Utilities, Inc.	1.95	16,208	9/19/2024	8/25/2025
SPI LOT1 - 2024-167 RC	Base	San Miguel Energy Corporation	2.50	29,203	2/26/2025	12/25/2033
KSPC LOT1 - 2025-015 RC	Base	KEPCO SPC Power Corporation	1.50	17,522	8/26/2025	12/25/2033
KSPC ST - 2024-091 RC	Intermediate	KEPCO SPC Power Corporation	1.95	17,522	3/26/2025	12/25/2026
TLI LOT2 - 2024-143 RC	Intermediate	Therma Luzon, Inc.	1.50	17,602	12/26/2026	12/25/2033
1MW SOLAR RNS	Intermediate	DU-owned	1.00	1,752	6/26/2025	6/25/2045

The PSA with FDCUI EPSA filed with ERC under Case No. 2024-034 RC was procured through EPSA. It was selected to provide for base requirements due to delayed PA for the R8JCPSP-LT. The utilization of the PSA is 65% to 100%.

The PSA with Sual Power, Inc., KSPC LOT1 filed with ERC under Case No. 2024-167 RC, and no case number yet for KSPC Lot1 was procured through R8JCPSP-LT. It was selected to provide for base requirements due to delayed PA for the R8JCPSP-LT.

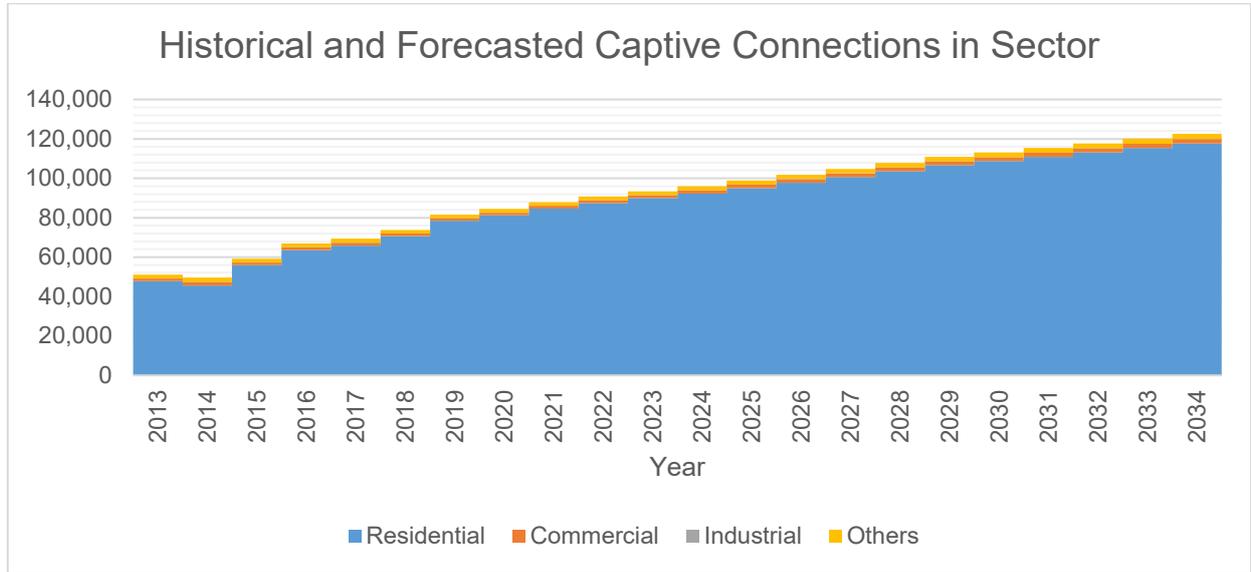
SAMELCO II PSPP - GRID 2025-2034

	R8JCPSP-RPS
Type	Intermediate
Minimum MW	1.30
Minimum MWh/yr	13,178
PSA Start	12/26/2025
PSA End	12/25/2033
Publication	3/20/2025
Pre-bid	4/10/2025
Opening	6/9/2025
Awarding	7/9/2025
PSA Signing	8/8/2025
Joint Filing	8/17/2025



For the procurement of 2 MW of supply which is planned to be available on December 25, 2025, the first publication or launch of CSP will be on March 20, 2025. Joint filing is planned on August 17, 2025, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 2% to 3% annually. The said customer class is expected to account for 96% of the total connected customer.