

Power Supply Procurement Plan 2024

**Central Negros Electric Cooperative, Inc.
(CENECO)**

Historical Consumption Data

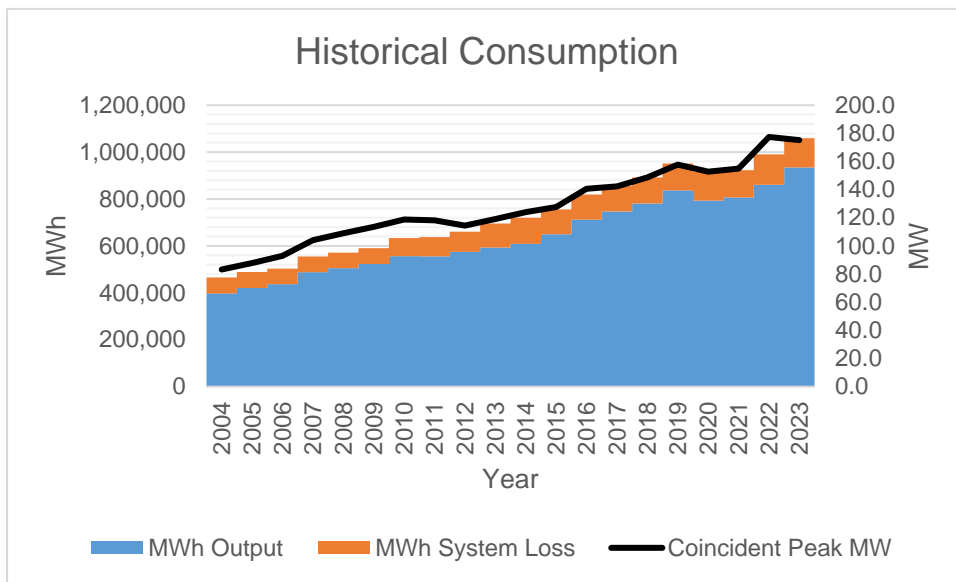
	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2004	83	467,360	0	467,360	397,329	68,512	64%	-0.33%	0.00%	14.66%
2005	88	489,191	0	489,191	420,533	68,223	64%	-0.09%	0.00%	13.95%
2006	93	502,142	0	502,142	436,927	65,998	62%	0.16%	0.00%	13.14%
2007	104	553,771	0	553,771	487,924	66,756	61%	0.16%	0.00%	12.05%
2008	109	570,696	0	570,696	505,358	66,125	60%	0.14%	0.00%	11.59%
2009	114	589,767	0	589,767	522,825	67,747	59%	0.14%	0.00%	11.49%
2010	119	634,266	0	634,266	556,284	77,274	61%	-0.11%	0.00%	12.18%
2011	118	637,465	87,901	637,465	555,361	82,104	62%	0.00%	0.00%	12.88%
2012	114	660,743	-23,576	660,743	574,459	86,285	66%	0.00%	0.00%	13.06%
2013	119	695,699	-17,798	695,699	593,018	102,682	67%	0.00%	0.00%	14.76%
2014	124	719,877	30,354	719,877	608,671	111,206	66%	0.00%	0.00%	15.45%
2015	128	755,639	46,463	755,639	649,676	105,963	68%	0.00%	0.00%	14.02%
2016	141	818,850	97,478	818,850	711,699	107,151	66%	0.00%	0.00%	13.09%
2017	142	854,900	-5,631	854,900	746,843	108,056	69%	0.00%	0.00%	12.64%
2018	149	891,923	2,999	891,923	780,941	110,982	68%	0.00%	0.00%	12.44%
2019	158	951,588	113,177	951,588	836,566	115,023	69%	0.00%	0.00%	12.09%
2020	153	915,870	24,364	915,870	793,282	122,588	68%	0.00%	0.00%	13.38%
2021	155	922,469	60,618	922,469	806,935	115,534	68%	0.00%	0.00%	12.52%
2022	177	990,448	284,416	990,448	860,775	129,674	64%	0.00%	0.00%	13.09%
2023	175	1,059,541	389,414	1,059,541	934,290	125,251	69%	0.00%	0.00%	11.82%

Peak Demand decreased from 177.42 MW in 2022 to 175.18 MW in 2023 at a rate of 1.3% while MWh Offtake increased from 990,448 MWh in 2022 to 1,059,541 MWh in 2023 at a rate of 7.0%. Within the same period, Load Factor ranged from 64% to 69%.

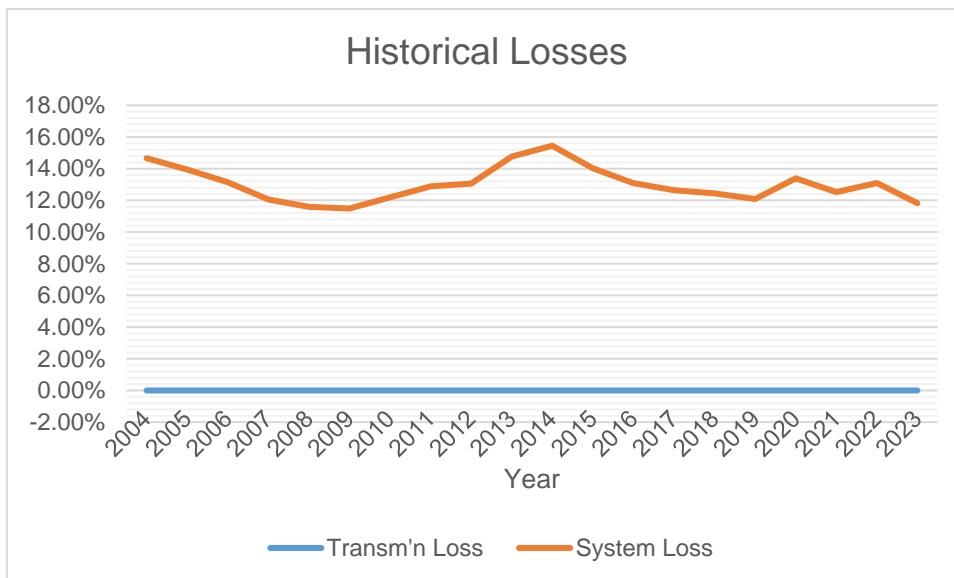
In June 2021, one of the CENECO instrument transformers was damaged which affected the integrity of the substation metered data. Because of this, IEMOP was not able to capture the substation data for Alijis substation which resulted to inaccurate billing. A substantial decrease in the Metered Quantity (MQ) of CENECO as load customer was noted.

In May 2022, one of the substation MQ of CENECO was captured twice due to energization of the totalizing meter. This again resulted to IEMOP's inaccurate billing which triggered the increase of total MQ of CENECO for the month.

Aside from these incidents, two (2) Directly Connected Customers (DCC) of NGCP connected to CENECO's 69KV Sub-transmission lines. The consumption of these customers namely, San Miguel Brewery and Dynasty Management & Development Corp tends to cause discrepancies in the MQ of CENECO.

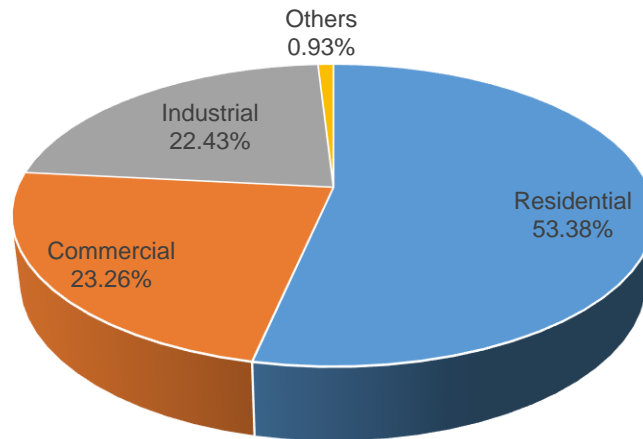


MWh Output decreased from year 2022 to year 2023 at a rate of 8.5%, while MWh System Loss decreased at a rate of 11.82% within the same period.



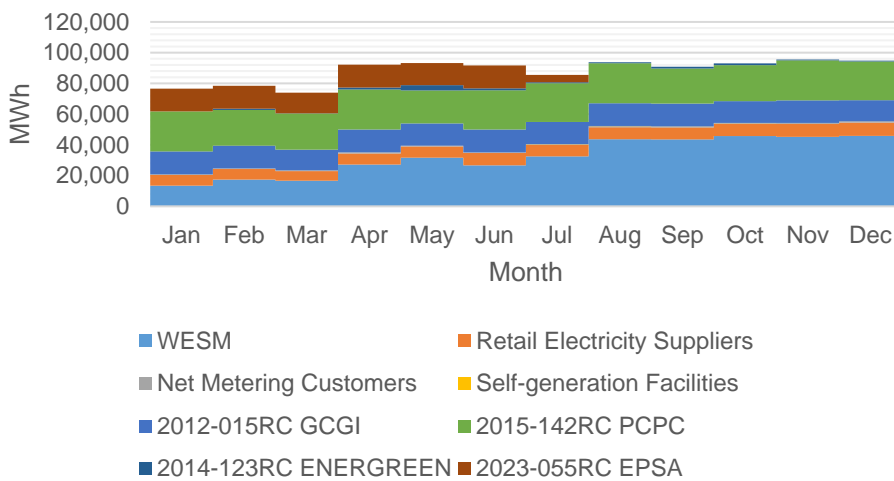
System Loss ranged from 11.49 % to 15.45 % and peaked in year 2014.

Previous Year's Shares of Energy Sales

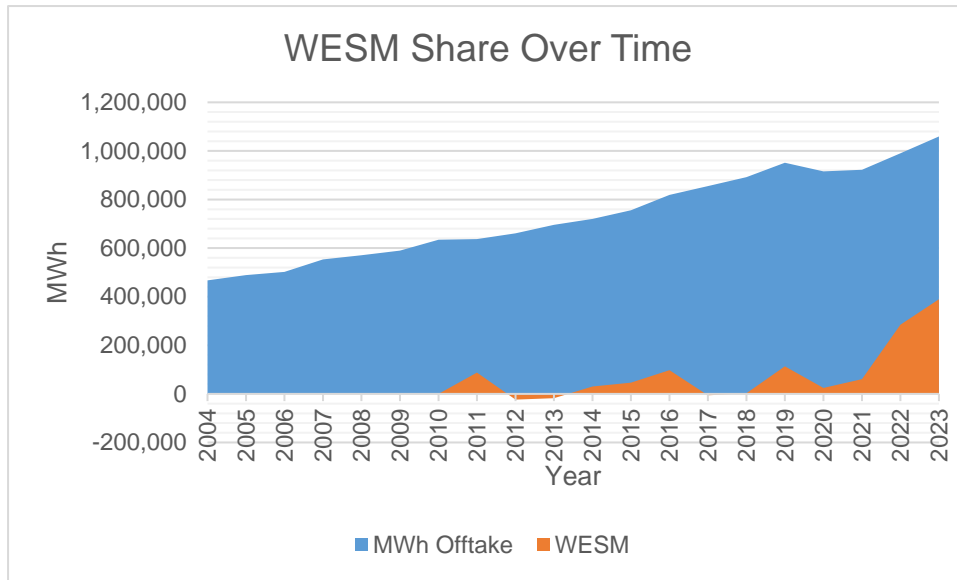


Residential customers account for the bulk of energy sales at 53.38% due to the high number of connections. In contrast, Industrial and Commercial customers accounted with a total of 45.69% despite of the low number of connections.

MWh Offtake for Last Historical Year

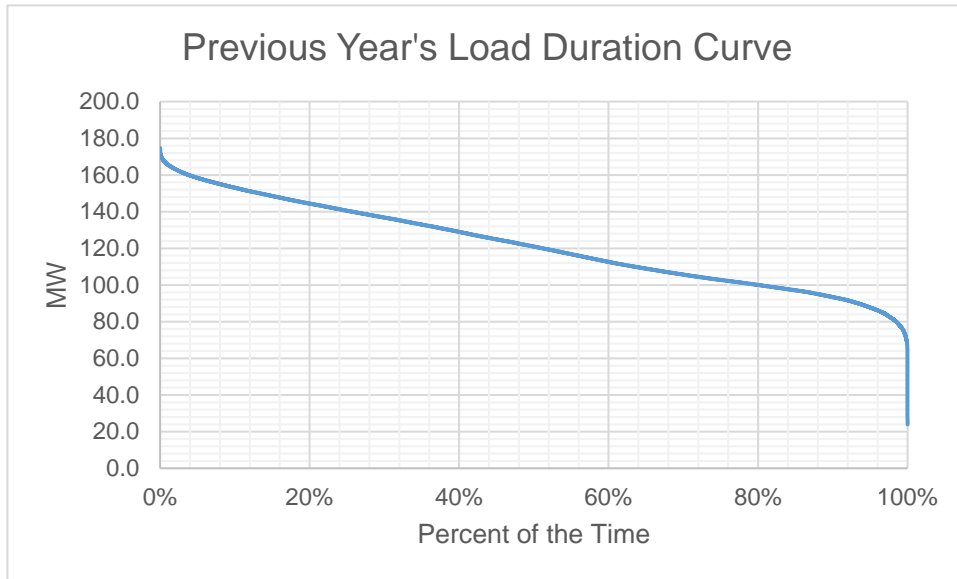


For 2023, WESM purchase significantly increased due to the delay in the delivery of Energy Development Corporation with 20 MW capacity based from the Competitive Selection Process conducted in 2021.

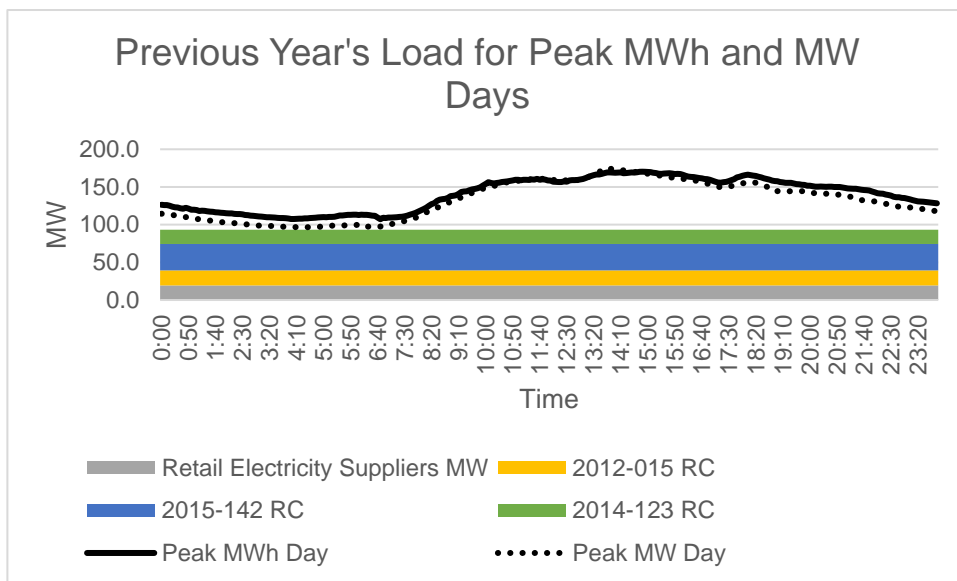


WESM Offtake increased from 284,416 MWh in 2022 to 389,414 MWh in 2023 at a rate of 36.9% due to lack of supply.

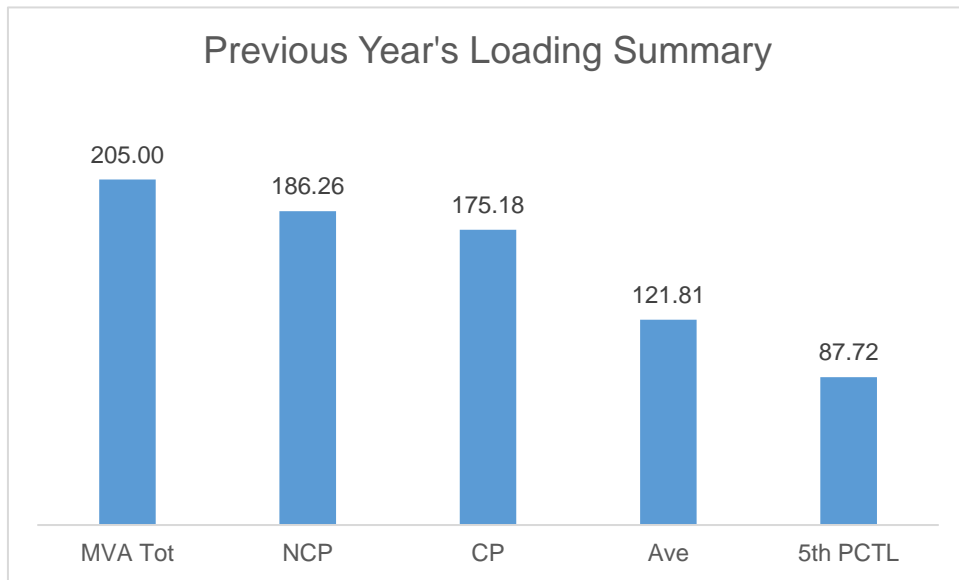
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 24 MW and the maximum load is 175 MW for the last historical year. The load for the two (2) DCCs were included in the above curve.



CENECO's Peak MW occurred on November 11, 2023. Daily peak MWh occurred in the afternoon when most industrial and commercial customers are also operating at its peak.



The Non-coincident Peak Demand is 186.26 MW of the total substation capacity of 205 MVA at a power factor of 90.86%.

The load factor or the ratio between the Average Load of 121.81 MW and the Non-coincident Peak Demand is 65.40%. A safe estimate of the true minimum load is the fifth percentile load of 87.72 MW which is 47.10% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
MF3MBCLCENE02 (Burgos)	30	19.60
MF3MBCLCENE03 (Mt. View)	30	27.55
MF3MBCLCENE04 (Talisay)	20	15.58
MF3MBCLCENE06 (Silay)	5	5.50
MF3MBCLCENE08 (Sum-ag)	10	10.93
MF3MBCLCENE10 (Panaogao)	10	8.74
MF3MBCLCENE11 (Lag-asan/Hilangban)	10	9.92
MF3MBCLCENE13 (Reclamation & Mabini)	50	46.86
MF3MBCLCENE17 (Alijis & Murcia)	40	37.97
MF3MBCLSMCZ01 (San Miguel Corporation)		3.61

All substations are loaded way above 70% except for Burgos substation. CENECO is currently in the process of installing another around 30 MVA substation power transformer at Ayala Capitol area. This additional capacity will address the requirement of the load of Bacolod City.

Forecasted Consumption Data

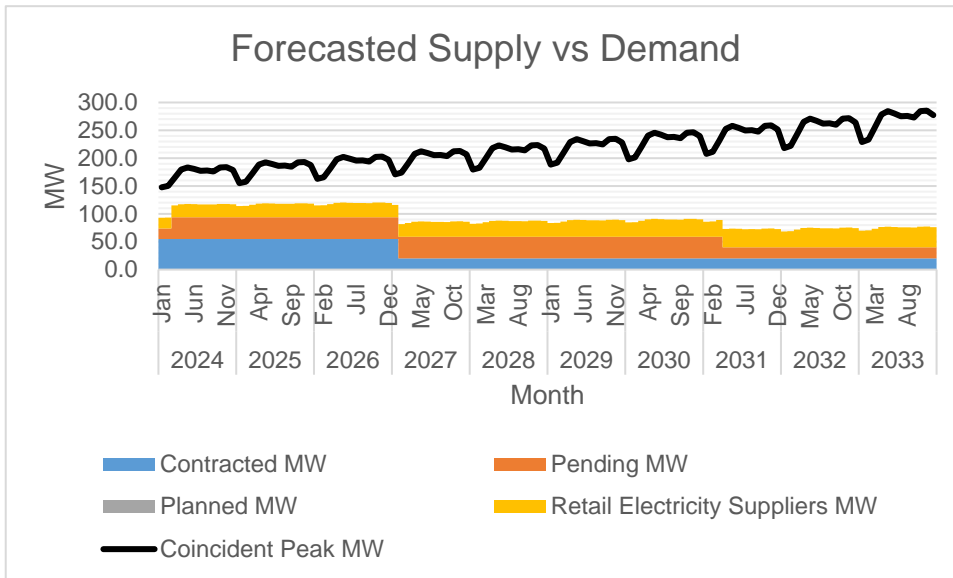
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2024	Jan	148	55.00	18.90	0.000	19.27	43%	58%	-54.54
	Feb	150	55.00	18.90	0.000	19.61	42%	57%	-56.86
	Mar	165	55.00	38.90	0.000	21.47	38%	66%	-49.25
	Apr	179	55.00	38.90	0.000	23.41	35%	60%	-62.17
	May	183	55.00	38.90	0.000	23.92	34%	59%	-65.57
	Jun	181	55.00	38.90	0.000	23.56	35%	60%	-63.20
	Jul	177	55.00	38.90	0.000	23.14	36%	61%	-60.36
	Aug	178	55.00	38.90	0.000	23.19	36%	61%	-60.71
	Sep	176	55.00	38.90	0.000	22.96	36%	61%	-59.19
	Oct	183	55.00	38.90	0.000	23.93	34%	59%	-65.61
	Nov	184	55.00	38.90	0.000	23.99	34%	59%	-66.05
	Dec	179	55.00	38.90	0.000	23.32	35%	60%	-61.54
2025	Jan	155	55.00	38.90	0.000	20.23	41%	70%	-40.97
	Feb	158	55.00	38.90	0.000	20.59	40%	68%	-43.40
	Mar	173	55.00	38.90	0.000	22.54	37%	62%	-56.41
	Apr	188	55.00	38.90	0.000	24.58	34%	57%	-69.97
	May	193	55.00	38.90	0.000	25.12	33%	56%	-73.55
	Jun	190	55.00	38.90	0.000	24.74	33%	57%	-71.06
	Jul	186	55.00	38.90	0.000	24.29	34%	58%	-68.08
	Aug	187	55.00	38.90	0.000	24.35	34%	58%	-68.44
	Sep	185	55.00	38.90	0.000	24.11	34%	58%	-66.85
	Oct	193	55.00	38.90	0.000	25.12	33%	56%	-73.59
	Nov	193	55.00	38.90	0.000	25.19	33%	56%	-74.04
	Dec	188	55.00	38.90	0.000	24.48	34%	58%	-69.32
2026	Jan	163	55.00	38.90	0.000	21.24	39%	66%	-47.71
	Feb	166	55.00	38.90	0.000	21.62	38%	65%	-50.27
	Mar	181	55.00	38.90	0.000	23.67	35%	59%	-63.92
	Apr	198	55.00	38.90	0.000	25.81	32%	55%	-78.17
	May	202	55.00	38.90	0.000	26.37	31%	53%	-81.92

	Jun	199	55.00	38.90	0.000	25.98	32%	54%	-79.30
	Jul	196	55.00	38.90	0.000	25.51	32%	55%	-76.17
	Aug	196	55.00	38.90	0.000	25.57	32%	55%	-76.55
	Sep	194	55.00	38.90	0.000	25.32	33%	56%	-74.88
	Oct	202	55.00	38.90	0.000	26.38	31%	53%	-81.96
	Nov	203	55.00	38.90	0.000	26.45	31%	53%	-82.44
	Dec	197	55.00	38.90	0.000	25.70	32%	55%	-77.48
2027	Jan	171	55.00	38.90	0.000	22.30	37%	63%	-54.79
	Feb	174	20.00	38.90	0.000	22.70	13%	39%	-92.48
	Mar	191	20.00	38.90	0.000	24.86	12%	36%	-106.81
	Apr	208	20.00	38.90	0.000	27.10	11%	33%	-121.77
	May	212	20.00	38.90	0.000	27.69	11%	32%	-125.71
	Jun	209	20.00	38.90	0.000	27.28	11%	32%	-122.96
	Jul	205	20.00	38.90	0.000	26.78	11%	33%	-119.68
	Aug	206	20.00	38.90	0.000	26.84	11%	33%	-120.07
	Sep	204	20.00	38.90	0.000	26.58	11%	33%	-118.32
	Oct	212	20.00	38.90	0.000	27.70	11%	32%	-125.76
	Nov	213	20.00	38.90	0.000	27.77	11%	32%	-126.26
	Dec	207	20.00	38.90	0.000	26.99	11%	33%	-121.05
2028	Jan	180	20.00	38.90	0.000	23.42	13%	38%	-97.23
	Feb	183	20.00	38.90	0.000	23.84	13%	37%	-100.04
	Mar	200	20.00	38.90	0.000	26.10	11%	34%	-115.10
	Apr	218	20.00	38.90	0.000	28.45	11%	31%	-130.80
	May	223	20.00	38.90	0.000	29.07	10%	30%	-134.94
	Jun	220	20.00	38.90	0.000	28.64	10%	31%	-132.06
	Jul	216	20.00	38.90	0.000	28.12	11%	31%	-128.61
	Aug	216	20.00	38.90	0.000	28.19	11%	31%	-129.02
	Sep	214	20.00	38.90	0.000	27.91	11%	32%	-127.18
	Oct	223	20.00	38.90	0.000	29.08	10%	30%	-134.99
	Nov	224	20.00	38.90	0.000	29.16	10%	30%	-135.52
	Dec	217	20.00	38.90	0.000	28.34	11%	31%	-130.04
2029	Jan	189	20.00	38.90	0.000	24.59	12%	36%	-105.03
	Feb	192	20.00	38.90	0.000	25.03	12%	35%	-107.99
	Mar	210	20.00	38.90	0.000	27.40	11%	32%	-123.80
	Apr	229	20.00	38.90	0.000	29.88	10%	30%	-140.29

	May	234	20.00	38.90	0.000	30.53	10%	29%	-144.63
	Jun	231	20.00	38.90	0.000	30.07	10%	29%	-141.61
	Jul	226	20.00	38.90	0.000	29.53	10%	30%	-137.98
	Aug	227	20.00	38.90	0.000	29.60	10%	30%	-138.42
	Sep	225	20.00	38.90	0.000	29.31	10%	30%	-136.49
	Oct	234	20.00	38.90	0.000	30.54	10%	29%	-144.68
	Nov	235	20.00	38.90	0.000	30.62	10%	29%	-145.24
	Dec	228	20.00	38.90	0.000	29.76	10%	30%	-139.49
2030	Jan	198	20.00	38.90	0.000	25.82	12%	34%	-113.23
	Feb	202	20.00	38.90	0.000	26.28	11%	34%	-116.34
	Mar	221	20.00	38.90	0.000	28.77	10%	31%	-132.93
	Apr	241	20.00	38.90	0.000	31.37	10%	28%	-150.25
	May	246	20.00	38.90	0.000	32.05	9%	28%	-154.81
	Jun	242	20.00	38.90	0.000	31.58	9%	28%	-151.63
	Jul	238	20.00	38.90	0.000	31.01	10%	28%	-147.83
	Aug	238	20.00	38.90	0.000	31.08	10%	28%	-148.29
	Sep	236	20.00	38.90	0.000	30.77	10%	29%	-146.26
	Oct	246	20.00	38.90	0.000	32.06	9%	28%	-154.86
	Nov	246	20.00	38.90	0.000	32.15	9%	27%	-155.44
	Dec	240	20.00	38.90	0.000	31.24	10%	28%	-149.41
2031	Jan	208	20.00	38.90	0.000	27.11	11%	33%	-121.83
	Feb	212	20.00	38.90	0.000	27.60	11%	32%	-125.10
	Mar	232	20.00	38.90	0.000	30.21	10%	29%	-142.52
	Apr	253	20.00	38.90	0.000	32.94	9%	27%	-160.70
	May	258	20.00	38.90	0.000	33.66	9%	26%	-165.50
	Jun	254	20.00	20.00	0.000	33.16	9%	18%	-181.06
	Jul	250	20.00	20.00	0.000	32.56	9%	18%	-177.06
	Aug	250	20.00	20.00	0.000	32.63	9%	18%	-177.55
	Sep	248	20.00	20.00	0.000	32.31	9%	19%	-175.42
	Oct	258	20.00	20.00	0.000	33.67	9%	18%	-184.45
	Nov	259	20.00	20.00	0.000	33.76	9%	18%	-185.06
	Dec	252	20.00	20.00	0.000	32.81	9%	18%	-178.73
2032	Jan	218	20.00	20.00	0.000	28.46	11%	21%	-149.77
	Feb	222	20.00	20.00	0.000	28.98	10%	21%	-153.20
	Mar	243	20.00	20.00	0.000	31.72	9%	19%	-171.50

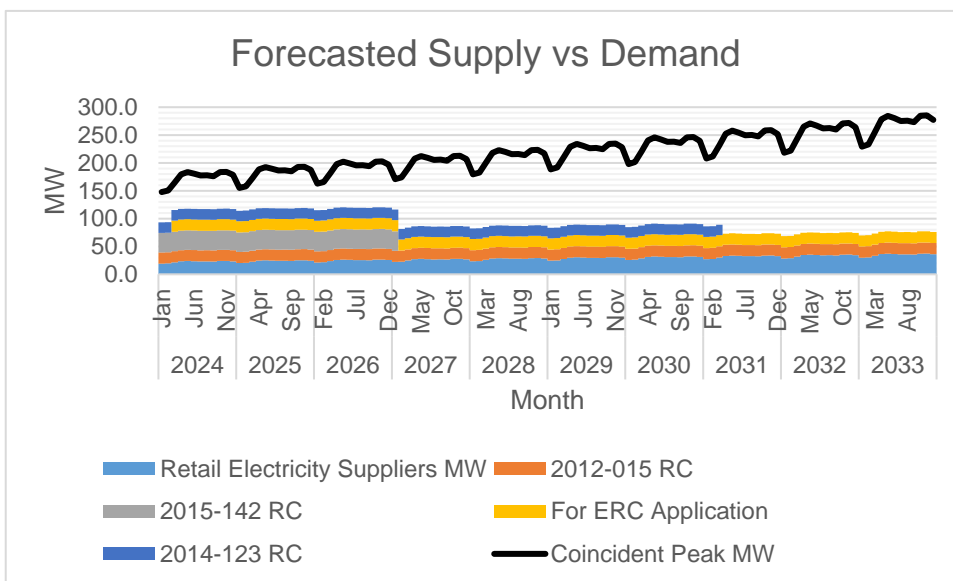
	Apr	265	20.00	20.00	0.000	34.59	9%	17%	-190.58
	May	271	20.00	20.00	0.000	35.34	8%	17%	-195.62
	Jun	267	20.00	20.00	0.000	34.81	9%	17%	-192.11
	Jul	262	20.00	20.00	0.000	34.19	9%	18%	-187.92
	Aug	263	20.00	20.00	0.000	34.26	9%	18%	-188.42
	Sep	260	20.00	20.00	0.000	33.93	9%	18%	-186.19
	Oct	271	20.00	20.00	0.000	35.35	8%	17%	-195.67
	Nov	272	20.00	20.00	0.000	35.44	8%	17%	-196.31
	Dec	264	20.00	20.00	0.000	34.45	9%	17%	-189.66
2033	Jan	229	20.00	20.00	0.000	29.89	10%	20%	-159.26
	Feb	233	20.00	20.00	0.000	30.43	10%	20%	-162.86
	Mar	255	20.00	20.00	0.000	33.31	9%	18%	-182.07
	Apr	278	20.00	20.00	0.000	36.31	8%	17%	-202.11
	May	285	20.00	20.00	0.000	37.11	8%	16%	-207.40
	Jun	280	20.00	20.00	0.000	36.55	8%	16%	-203.72
	Jul	275	20.00	20.00	0.000	35.89	8%	17%	-199.31
	Aug	276	20.00	20.00	0.000	35.97	8%	17%	-199.84
	Sep	273	20.00	20.00	0.000	35.62	8%	17%	-197.50
	Oct	285	20.00	20.00	0.000	37.12	8%	16%	-207.46
	Nov	285	20.00	20.00	0.000	37.22	8%	16%	-208.13
	Dec	277	20.00	20.00	0.000	36.17	8%	17%	-201.15

The Peak Demand was forecasted using an annual growth rate of 5% and assumed to occur on the month of November. On the other hand, Monthly Peak Demand is at its lowest on the month of January.



In general, the available supply is below the peak demand. This is because CENECO only contracted based on its power supply requirement.

During peak hours, CENECO source portion of its requirement from the WESM. Solar Power Plants in Negros Island influence the decrease in the WESM prices during morning peak.

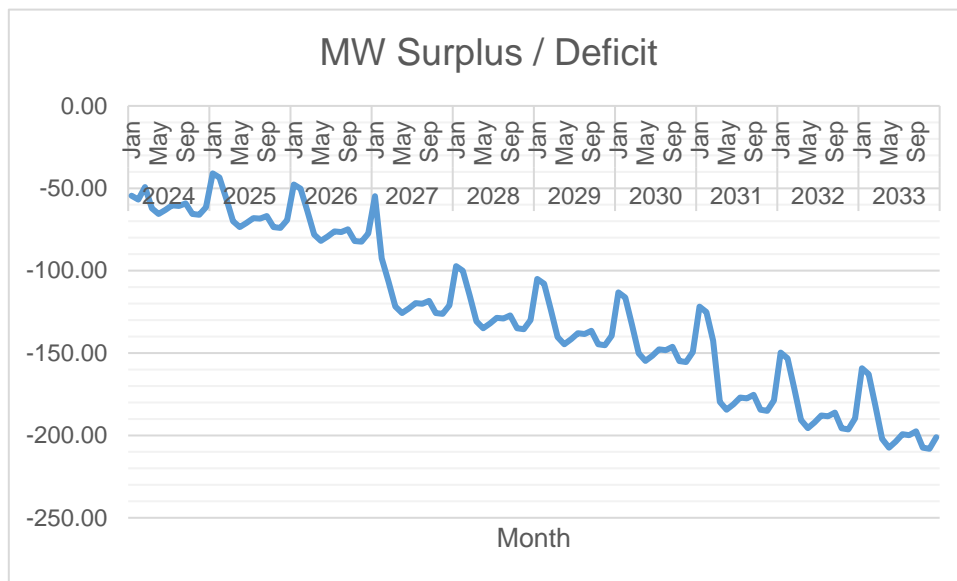


Based on CENECO's available power supply, the largest contracted capacity is 35 MW from Palm Concepcion Power Corporation and the lowest contracted capacity is 18.9 MW peaking requirements from Central Negros Power Reliability, Inc.



Currently, there is under-contracting by an average of 40%. The highest target contracting level is 70% which is expected to occur in 2025. The lowest target contracting level is 16% which is expected to occur in 2033.

In deciding the contracting level, CENECO also considered the migration of Contestable Customers (CC) to its Retail Electricity Supplier (RES) which will mitigate the impact of stranded contract costs that will be absorbed by the Captive Customers.



The deficit capacity will be sourced from the WESM.

Forecasted Consumption Data

In terms of MWh Offtake and Output, and the corresponding losses, below are the projected data in the next ten (10) years starting from 2024 until 2033.

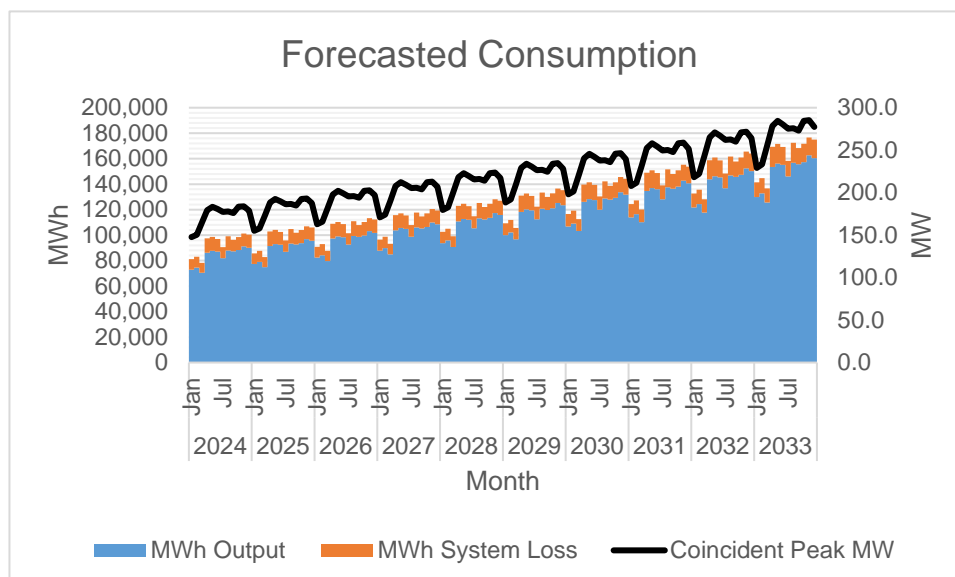
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2024	Jan	81,103	72,895	8,208	0.00%	10.12%
	Feb	83,007	74,485	8,522	0.00%	10.27%
	Mar	78,323	70,491	7,833	0.00%	10.00%
	Apr	97,420	86,139	11,280	0.00%	11.58%
	May	98,581	87,630	10,951	0.00%	11.11%
	Jun	97,009	87,075	9,934	0.00%	10.24%
	Jul	90,629	81,949	8,680	0.00%	9.58%
	Aug	99,131	87,966	11,165	0.00%	11.26%
	Sep	96,325	87,315	9,010	0.00%	9.35%
	Oct	98,462	88,283	10,179	0.00%	10.34%
	Nov	101,188	91,255	9,933	0.00%	9.82%
	Dec	100,354	90,036	10,318	0.00%	10.28%
2025	Jan	85,704	77,367	8,337	0.00%	9.73%
	Feb	87,710	79,055	8,655	0.00%	9.87%
	Mar	82,773	74,816	7,957	0.00%	9.61%
	Apr	102,884	91,425	11,459	0.00%	11.14%
	May	104,133	93,007	11,127	0.00%	10.69%
	Jun	102,512	92,417	10,095	0.00%	9.85%
	Jul	95,798	86,977	8,821	0.00%	9.21%
	Aug	104,706	93,363	11,343	0.00%	10.83%
	Sep	101,830	92,672	9,158	0.00%	8.99%
	Oct	104,046	93,699	10,346	0.00%	9.94%
	Nov	106,950	96,854	10,096	0.00%	9.44%
	Dec	106,049	95,561	10,489	0.00%	9.89%
2026	Jan	90,825	82,348	8,477	0.00%	9.33%
	Feb	92,945	84,145	8,800	0.00%	9.47%
	Mar	87,726	79,632	8,093	0.00%	9.23%
	Apr	108,965	97,311	11,654	0.00%	10.70%
	May	110,314	98,995	11,319	0.00%	10.26%
	Jun	108,637	98,367	10,270	0.00%	9.45%
	Jul	101,552	92,577	8,975	0.00%	8.84%
	Aug	110,911	99,374	11,537	0.00%	10.40%
	Sep	107,957	98,638	9,319	0.00%	8.63%
	Oct	110,261	99,732	10,529	0.00%	9.55%
	Nov	113,363	103,090	10,273	0.00%	9.06%
	Dec	112,340	101,713	10,627	0.00%	9.46%
2027	Jan	96,472	87,847	8,625	0.00%	8.94%
	Feb	98,716	89,764	8,953	0.00%	9.07%
	Mar	93,186	84,950	8,236	0.00%	8.84%
	Apr	115,668	103,809	11,860	0.00%	10.25%
	May	117,127	105,605	11,522	0.00%	9.84%
	Jun	115,390	104,936	10,454	0.00%	9.06%
	Jul	107,896	98,759	9,137	0.00%	8.47%
	Aug	117,751	106,010	11,741	0.00%	9.97%

	Sep	114,714	105,225	9,489	0.00%	8.27%
	Oct	117,113	106,392	10,722	0.00%	9.15%
	Nov	120,434	109,974	10,461	0.00%	8.69%
	Dec	119,324	108,505	10,819	0.00%	9.07%
2028	Jan	102,643	93,770	8,873	0.00%	8.64%
	Feb	105,026	95,816	9,211	0.00%	8.77%
	Mar	99,153	90,677	8,476	0.00%	8.55%
	Apr	123,012	110,808	12,204	0.00%	9.92%
	May	124,584	112,725	11,859	0.00%	9.52%
	Jun	122,771	112,011	10,761	0.00%	8.76%
	Jul	114,823	105,417	9,406	0.00%	8.19%
	Aug	125,241	113,157	12,083	0.00%	9.65%
	Sep	122,089	112,320	9,769	0.00%	8.00%
	Oct	124,604	113,565	11,039	0.00%	8.86%
	Nov	128,158	117,388	10,770	0.00%	8.40%
	Dec	126,958	115,821	11,137	0.00%	8.77%
2029	Jan	109,340	99,996	9,345	0.00%	8.55%
	Feb	111,877	102,177	9,700	0.00%	8.67%
	Mar	105,625	96,698	8,927	0.00%	8.45%
	Apr	131,018	118,165	12,853	0.00%	9.81%
	May	132,700	120,209	12,491	0.00%	9.41%
	Jun	130,782	119,448	11,334	0.00%	8.67%
	Jul	122,324	112,416	9,908	0.00%	8.10%
	Aug	133,396	120,670	12,726	0.00%	9.54%
	Sep	130,067	119,777	10,290	0.00%	7.91%
	Oct	132,733	121,105	11,628	0.00%	8.76%
	Nov	136,526	125,182	11,344	0.00%	8.31%
	Dec	135,241	123,510	11,731	0.00%	8.67%
2030	Jan	116,567	106,719	9,848	0.00%	8.45%
	Feb	119,269	109,047	10,222	0.00%	8.57%
	Mar	112,607	103,199	9,408	0.00%	8.35%
	Apr	139,655	126,110	13,546	0.00%	9.70%
	May	141,457	128,292	13,165	0.00%	9.31%
	Jun	139,425	127,479	11,946	0.00%	8.57%
	Jul	130,418	119,975	10,443	0.00%	8.01%
	Aug	142,196	128,784	13,412	0.00%	9.43%
	Sep	138,677	127,830	10,847	0.00%	7.82%
	Oct	141,505	129,248	12,257	0.00%	8.66%
	Nov	145,557	133,599	11,958	0.00%	8.22%
	Dec	144,180	131,815	12,365	0.00%	8.58%
2031	Jan	124,323	113,943	10,381	0.00%	8.35%
	Feb	127,203	116,428	10,775	0.00%	8.47%
	Mar	120,103	110,185	9,918	0.00%	8.26%
	Apr	148,925	134,646	14,280	0.00%	9.59%
	May	150,855	136,976	13,879	0.00%	9.20%
	Jun	148,702	136,108	12,595	0.00%	8.47%
	Jul	139,106	128,095	11,010	0.00%	7.92%
	Aug	151,640	137,501	14,140	0.00%	9.32%
	Sep	147,919	136,483	11,437	0.00%	7.73%
	Oct	150,920	137,996	12,924	0.00%	8.56%
	Nov	155,250	142,642	12,608	0.00%	8.12%

	Dec	153,773	140,737	13,036	0.00%	8.48%
2032	Jan	132,610	121,668	10,942	0.00%	8.25%
	Feb	135,680	124,323	11,357	0.00%	8.37%
	Mar	128,111	117,656	10,455	0.00%	8.16%
	Apr	158,828	143,775	15,053	0.00%	9.48%
	May	160,895	146,263	14,632	0.00%	9.09%
	Jun	158,614	145,336	13,278	0.00%	8.37%
	Jul	148,389	136,781	11,608	0.00%	7.82%
	Aug	161,730	146,824	14,906	0.00%	9.22%
	Sep	157,795	145,737	12,058	0.00%	7.64%
	Oct	160,979	147,353	13,626	0.00%	8.46%
	Nov	165,607	152,314	13,293	0.00%	8.03%
	Dec	164,024	150,279	13,744	0.00%	8.38%
2033	Jan	141,429	129,898	11,531	0.00%	8.15%
	Feb	144,700	132,732	11,968	0.00%	8.27%
	Mar	136,633	125,614	11,019	0.00%	8.06%
	Apr	169,364	153,500	15,864	0.00%	9.37%
	May	171,578	156,157	15,422	0.00%	8.99%
	Jun	169,162	155,167	13,995	0.00%	8.27%
	Jul	158,268	146,033	12,235	0.00%	7.73%
	Aug	172,464	156,755	15,709	0.00%	9.11%
	Sep	168,305	155,595	12,710	0.00%	7.55%
	Oct	171,683	157,320	14,363	0.00%	8.37%
	Nov	176,628	162,616	14,012	0.00%	7.93%
	Dec	174,931	160,445	14,486	0.00%	8.28%

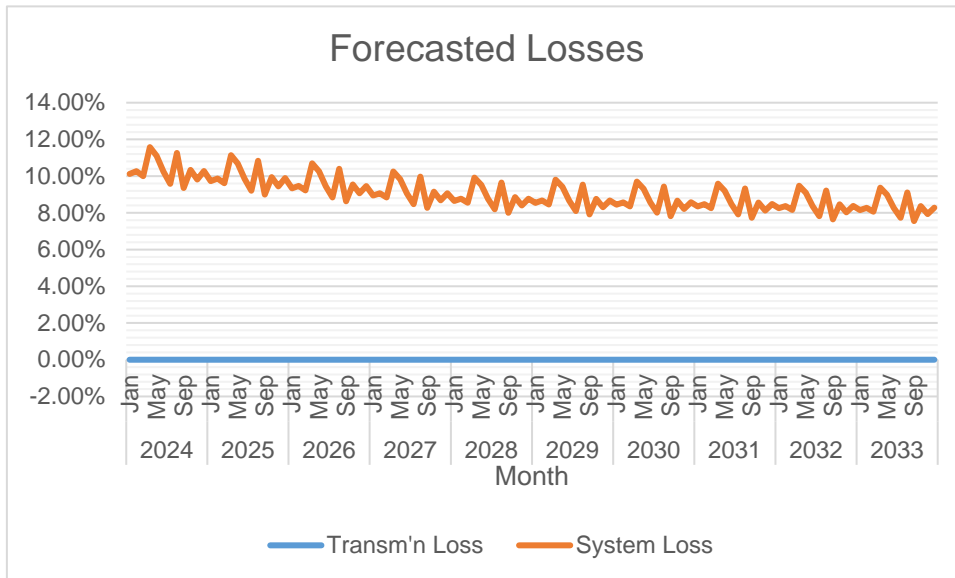
MWh offtake was forecasted using 2023 as the base year.

System loss was calculated through a Load Flow Study simulated using Synergi software.



MWh output is expected to grow at an average rate of 6.73% for the next ten (10) years. Years 2020 and 2021 (COVID-19 pandemic years) were not considered when a decreasing load growth percentage was noted.

In the preparation of the forecast, the data was normalized with the actual load profile of the pandemic years to conservatively project the future load requirements of CENECO.



Transmission Loss is expected to range from 0% to 0% while System Loss is expected to range from 7.55% to 11.58%.

CENECO is set to meet the System Loss Cap at 8.25% once its CAPEX projects for the reduction of Technical and Non-Technical losses are implemented.

Power Supply

The following are the existing power supply contracts of CENECO.

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2012-015 RC	Base	Green Core Geothermal, Inc.	20.00	175,200	12/26/2011	12/25/2040
2015-142 RC	Base	Palm Concepcion Power Corporation	35.00	306,600	1/26/2017	1/25/2027
2014-123 RC	Peaking	Central Negros Power Reliability, Inc.	18.90	84,000	5/26/2016	5/25/2031
For ERC Application	Base	Energy Development Corporation	20.00	175,200	03/26/2024	03/25/2034

In anticipation of the privatization of NPC/PSALM's generating assets, the former sole supplier of electricity in Visayas Grid, and their continuous reduction of contract capacity in their Transition Supply Agreement, CENECO entered into its first contract with an IPP KSPC for a baseload capacity of 40 MW. KSPC Plant started its commercial operation in February 2011 at the time Wholesale Electricity Spot Market (WESM) in Visayas has just begun in December 26, 2010. Further reduction of NPC/PSALM's contract capacity prompted another contract at 24 MW additional mid-merit capacity from KSPC and an initial 10 MW baseload capacity from GCGI with additional provision of 10 MW at the beginning of 2nd contract year in December 26, 2012. FDCUI's 20 MW was only transitory while waiting for PCPC's 35 MW delivery on June 26, 2016.

To further secure the high growth rate of CENECO's load requirement, it entered into a contract with Energreen, now Central Negros Power Reliability, Inc. at a capacity of 18.9 MW for peaking and reserve. It initially delivered 12.6 MW on May 26, 2016, and completed the 18.9 MW last May 2017.

CENECO has reached the highest and unprecedented monthly energy consumption of 78 Million kWh and demand of 152 MW in the billing period of April 2018.

With the ongoing economic activities within the franchise area of CENECO where ongoing construction of residential condominiums, shopping malls, hospitals and townships abound, CENECO's load requirement are expected to increase significantly.

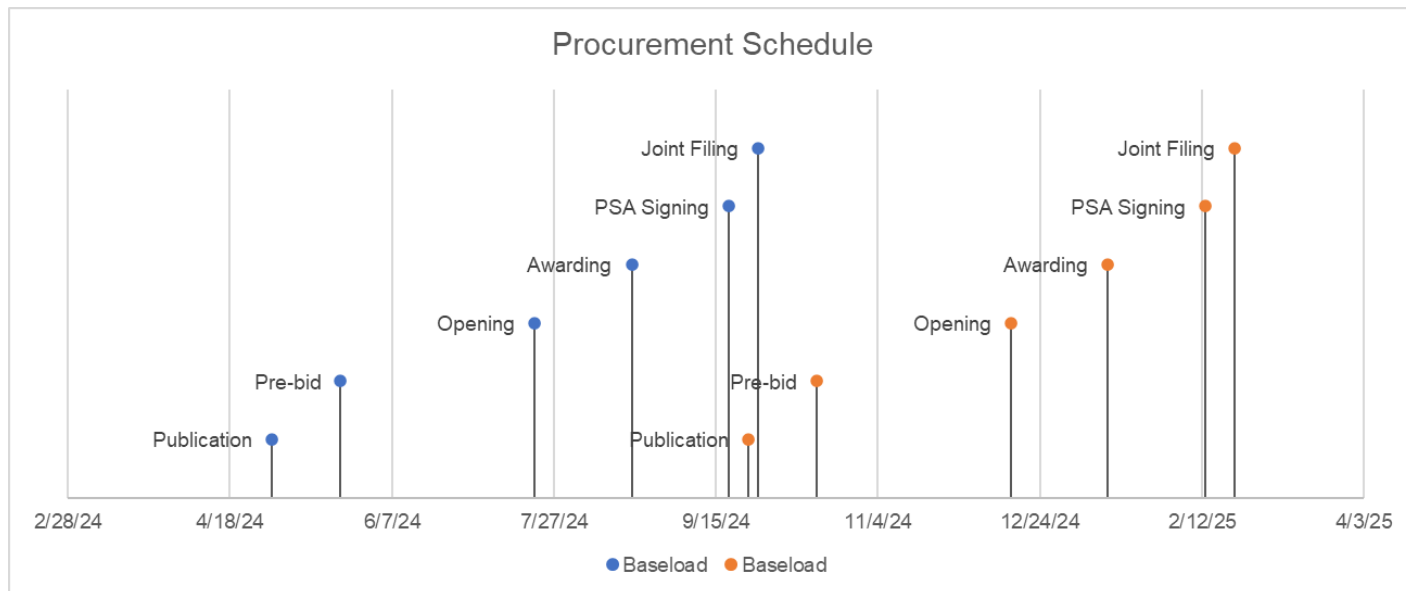
CENECO conducted the Competitive Selection Process (CSP) for 20MW baseload requirement conducted last 2021, and on March 16, 2023, a Notice of Award was issued by CENECO to Energy Development Corporation (EDC) as the winning bidder. It is worth mentioning that the EDC's assigned geothermal plant for this CSP is qualified and compliant to Renewable Portfolio Standard.

Joint Filing for the provisional approval of the PSA between CENECO and EDC is ongoing and estimated delivery date is March 2024.

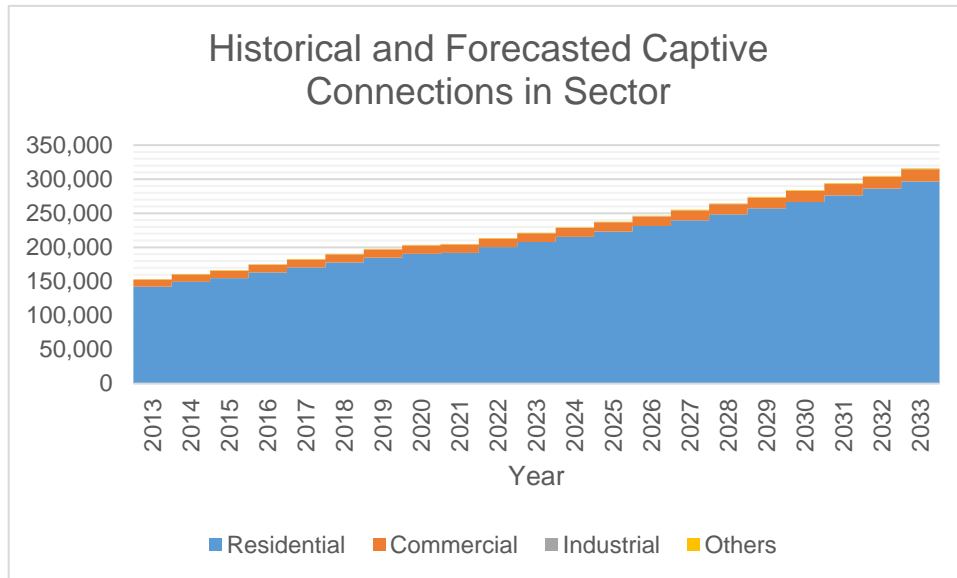
The above Forecasted Consumption Data was simulated **in the anticipation of the entry of Negros Electric and Power Corp.** resulting from the approval of the Joint Venture Agreement with CENECO and Primelectric Holdings Inc.

However, under normal circumstances, should CENECO continue to operate as distribution utility, it is planning to procure power based on the following schedules:

Supply Label	Type	Minimum MW	Minimum MWh/yr	PSA Start	PSA End	Publication
Baseload	Base	20.00	175,200	10/26/2024	10/25/2034	5/1/2024
Baseload	Base	35.00	306,600	1/26/2027	1/25/2037	9/25/2024



Captive Customer Connections



The number of Residential connections is expected to grow at an average rate of 3.6% annually. Said customer class is expected to account for 53.38% of the total consumption.

Additional Remarks

Historically, information were rectified to harmonize the data used and/or submitted to other government agencies like the Energy Regulatory Commission and the National Electrification Administration.