

# **Power Supply Procurement Plan 2024**

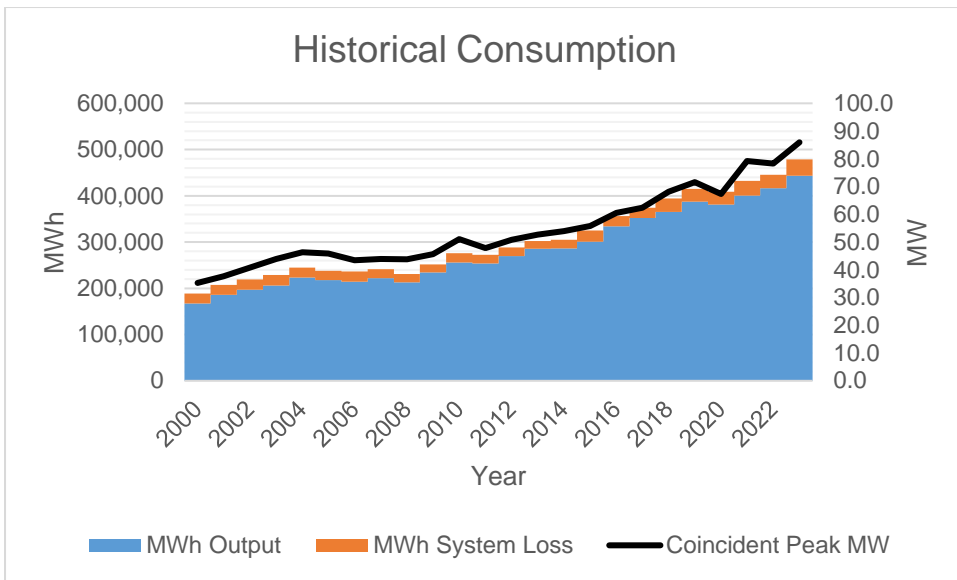


**Dagupan Electric Corporation**

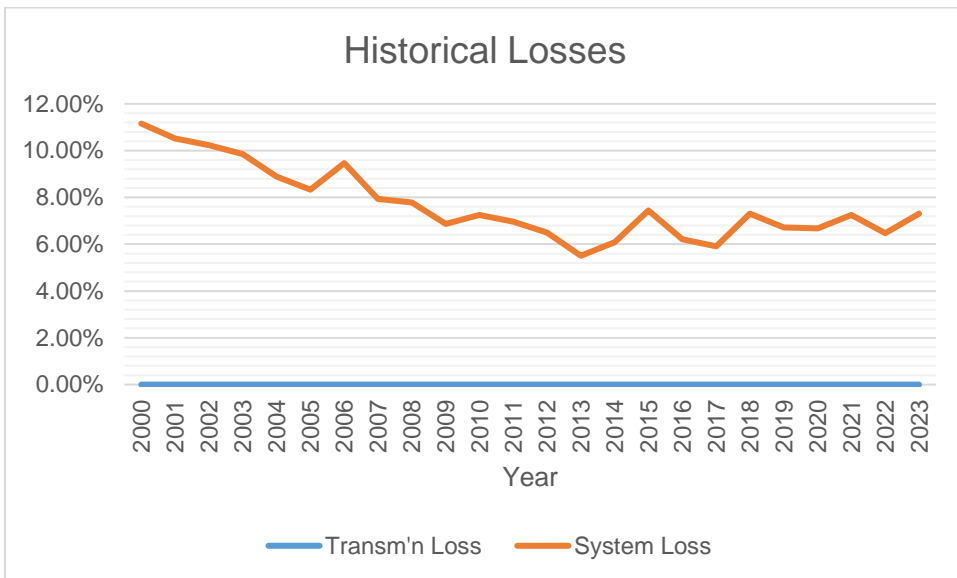
## Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	35.27	188,421	0	188,421	167,402	21,019	61%	0.00%	0.00%	11.16%
2001	37.64	207,458	0	207,458	185,645	21,813	63%	0.00%	0.00%	10.51%
2002	40.82	219,280	0	219,280	196,835	22,445	61%	0.00%	0.00%	10.24%
2003	43.93	228,789	0	228,789	206,257	22,532	59%	0.00%	0.00%	9.85%
2004	46.34	244,907	0	244,907	223,141	21,766	60%	0.00%	0.00%	8.89%
2005	45.86	237,596	0	237,596	217,808	19,788	59%	0.00%	0.00%	8.33%
2006	43.48	236,722	0	236,722	214,325	22,397	62%	0.00%	0.00%	9.46%
2007	43.90	240,970	0	240,970	221,868	19,102	63%	0.00%	0.00%	7.93%
2008	43.80	231,217	0	231,217	213,228	17,989	60%	0.00%	0.00%	7.78%
2009	45.61	251,919	2,602	251,919	234,621	17,298	63%	0.00%	0.00%	6.87%
2010	51.09	275,852	26,401	275,852	255,836	20,016	62%	0.00%	0.00%	7.26%
2011	47.83	272,743	18,581	272,743	253,747	18,996	65%	0.00%	0.00%	6.96%
2012	50.80	288,215	51,928	288,215	269,503	18,712	65%	0.00%	0.00%	6.49%
2013	52.65	302,197	130,278	302,197	285,560	16,637	66%	0.00%	0.00%	5.51%
2014	53.92	305,143	90,778	305,143	286,576	18,567	65%	0.00%	0.00%	6.08%
2015	55.85	324,983	76,878	324,983	300,822	24,161	66%	0.00%	0.00%	7.43%
2016	60.51	356,474	79,122	356,474	334,333	22,141	67%	0.00%	0.00%	6.21%
2017	62.31	374,388	79,948	374,388	352,275	22,113	69%	0.00%	0.00%	5.91%
2018	68.15	394,040	107,877	394,040	365,257	28,783	66%	0.00%	0.00%	7.30%
2019	71.62	414,980	134,894	414,980	387,137	27,844	66%	0.00%	0.00%	6.71%
2020	67.36	408,495	113,824	408,495	381,208	27,287	69%	0.00%	0.00%	6.68%
2021	79.23	432,206	152,433	432,206	400,844	31,363	62%	0.00%	0.00%	7.26%
2022	78.31	445,455	143,045	445,455	416,619	28,836	65%	0.00%	0.00%	6.47%
2023	85.95	478,588	91,111	478,588	443,662	34,926	64%	0.00%	0.00%	7.30%

Peak Demand increased from 78.31 MW in 2022 to 85.95 MW in 2023 at a rate of 9.76% due to load growth. MWh Offtake increased from 445,455 MWh in 2022 to 478,588 MWh in 2023 at a rate of 7.44% due to load growth. Within the same period, Load Factor ranged from 65% to 64%.



MWh Output increased from year 2022 to year 2023 at a rate of 6.49%, while MWh System Loss increased at a rate of 21.12% within the same period.



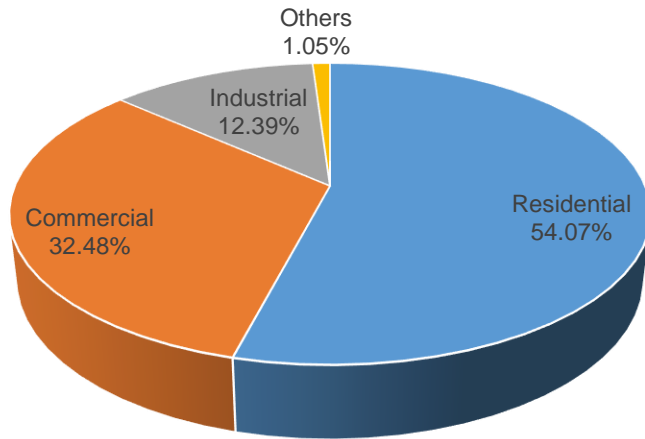
Transmission Loss is always at 0%. MWh Input does not deviate from the MWh Offtake because these are both measured/metered at the Grid Offtake Point (GOTP) located at NGCP Drawdown Substations where DECORP Distribution Substations are being sourced. However, for San Jacinto Substation (MF3MSMNDECO02) which is connected to NGCP San Manuel Substation, transmission loss is also 0% because the Site-Specific Loss Adjustment (SSLA) accounts for the sub-transmission loss and not for the former.

System Loss ranged from 6.47% in 2022 to 7.30% in 2023. System Loss peaked at 11.16% in 2000, before EPIRA, due to DECORP's utilization of conductors with smaller sizes and high non-technical loss. System Loss gradually decreased over the years because of DECORP's rehabilitation efforts to ensure efficient power delivery.

Previously, the components of the MWh System Loss were Feeder Technical and Non-technical Loss. In 2017, the Sub-transmission and Substation Losses were segregated.

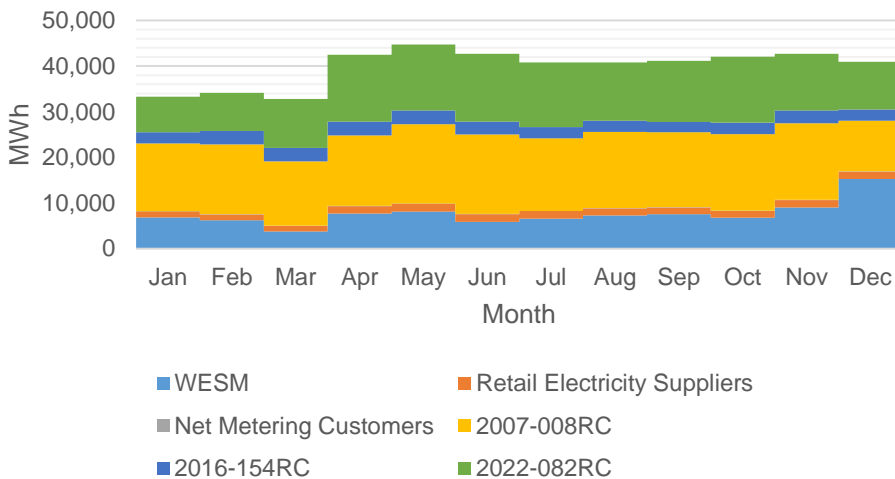
The negative Non-technical Losses accounted to the MWh sales recovered (e.g. from VOC/pilferages) from previous billing months that were added to the MWh sales of the month when the payment of differential billing occurred, resulting to the MWh output (sales) greater than the sum of MWh input (purchased) and MWh System Loss.

### Previous Year's Shares of Energy Sales

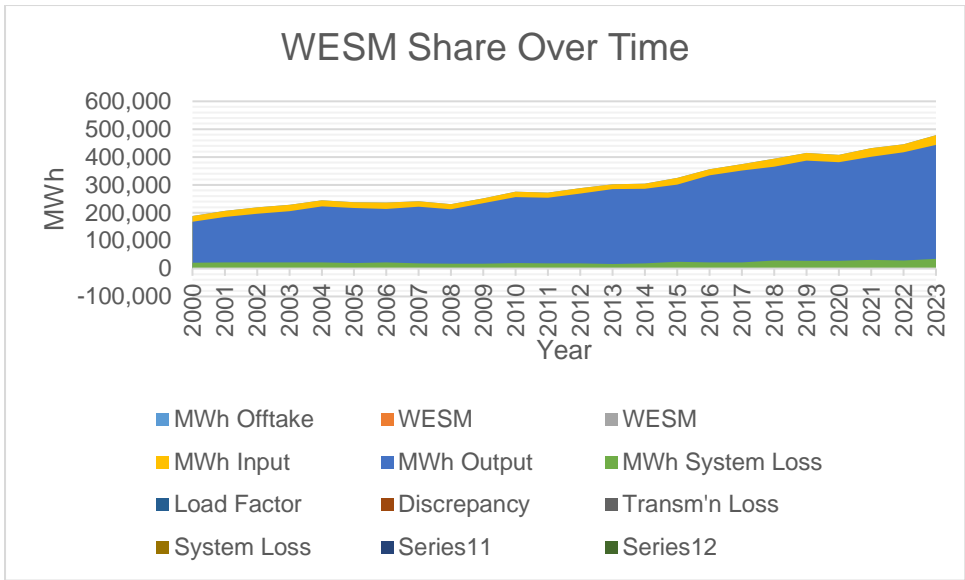


Residential customers account for the bulk of energy sales at 54.07% due to the high number of connections. In contrast, "Others" customers (Streetlights) accounted for only 1.05% of energy sales due to the low number of connections.

### MWh Offtake for Last Historical Year

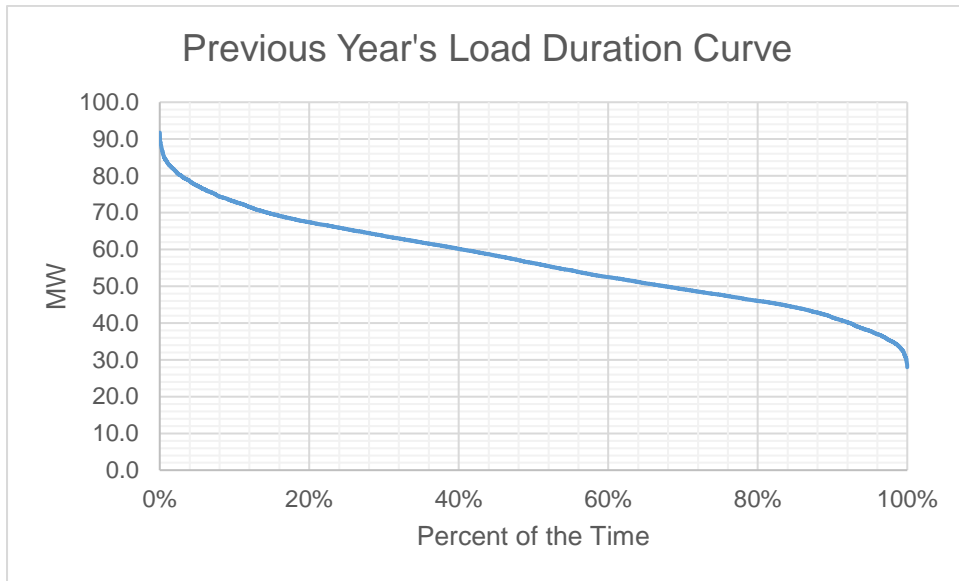


For 2023, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with 2007-008RC accounts for the bulk of MWh Offtake.

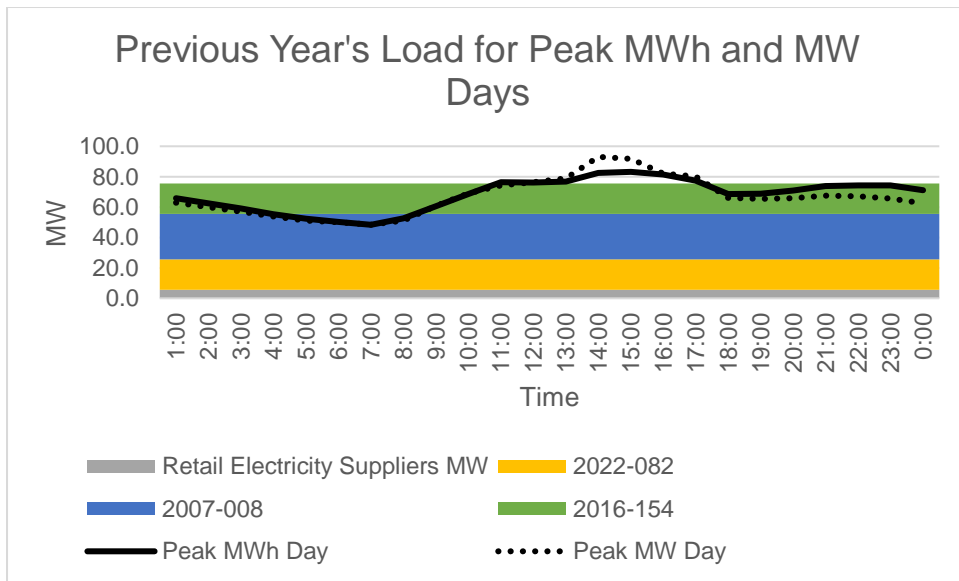


WESM Offtake decreased from 143,045 MWh in 2022 to 91,111 MWh in 2023 at a rate of 36.31% due to the commencement of supply from 2022-082RC (Energy Development Corporation) in December 26, 2022. The share of WESM in the total Offtake ranged from 32.11% in 2022 to 19.04 in 2023%.

# Previous Year's Load Profile

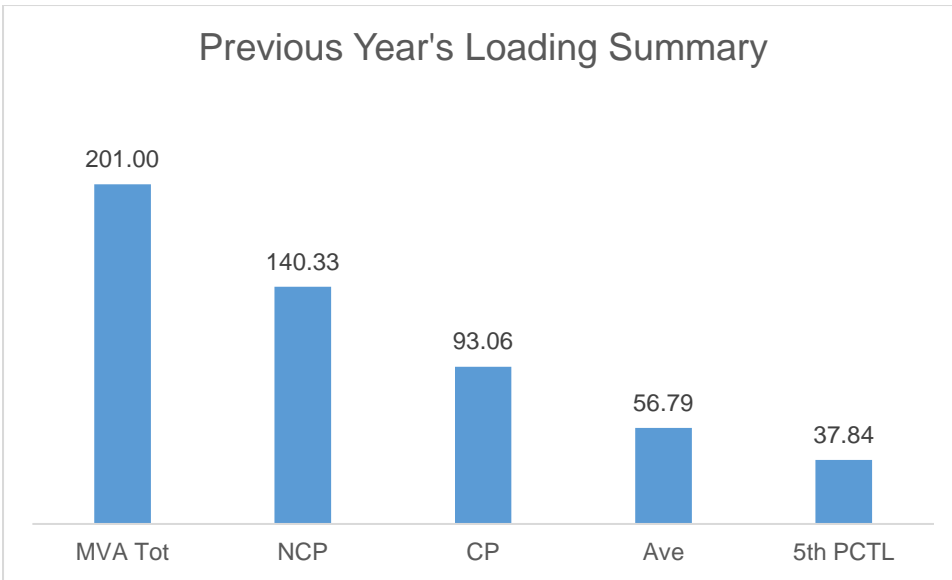


Based on the Load Duration Curve, the minimum load is 27.98 MW and the maximum load is 93.06 MW (still non-coincident because the 5-minute data were processed/converted to hourly that is getting the maximum of all the 5-minute readings in one 1-hour interval). The actual coincident peak for the last historical year is 85.95 MW.



Peak MW occurred at 14:45 on May 10, 2023 due to the hot temperature recorded. Peak daily MWh occurred on May 10, 2023 also due to the hot temperature recorded. As shown in the Load Curves, the available supply is lower than the Peak Demand.

## Previous Year's Loading Summary



The Non-coincident Peak Demand is 140.33 MW, which is around 69.82% of the total substation capacity of 201 MVA. The load factor or the ratio between the Average Load of 56.79 MW and the Non-coincident Peak Demand is 40.47%. A safe estimate of the true minimum load is the fifth percentile load of 37.84 MW which is 26.97% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
NGCP Balingueo S/S (BAWDECO004)	91	63.840
NGCP San Manuel S/S (SMNDECO002)	40	16.948
NGCP Labrador S/S (LABDECO005)	50	43.288
OneManaoag Solar Corp. (EG)	20	16.254

Based on the above table, the substations loaded at above 70% are BAWDECO004 (70.15%) and LABDECO005 (86.58%). These actual recorded substation loadings captured instances of load shifting. The 63.840 substation peak MW for BAWDECO004 are the combined substation loads of BAWDECO004 and LABDECO005 (LABDECO005 interrupted). Similarly, the 43.288 substation peak MW for LABDECO005 are the combined substation loads of BAWDECO004 and LABDECO005 (BAWDECO004 interrupted).

At normal operating condition, no substation is loaded 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
2024	Jan	73.35	70.00	0.00	0.000	5.62	103%	103%	2.27
	Feb	73.87	70.00	0.00	0.000	5.62	103%	103%	1.74
	Mar	80.77	70.00	0.00	0.000	5.62	93%	93%	-5.15
	Apr	85.83	70.00	0.00	0.000	5.62	87%	87%	-10.22
	May	89.67	70.00	0.00	0.000	5.62	83%	83%	-14.05
	Jun	88.05	70.00	0.00	0.000	5.62	85%	85%	-12.44
	Jul	84.56	70.00	0.00	0.000	5.62	89%	89%	-8.94
	Aug	83.02	70.00	0.00	0.000	5.62	90%	90%	-7.40
	Sep	81.98	70.00	0.00	0.000	5.62	92%	92%	-6.36
	Oct	83.11	70.00	0.00	0.000	5.62	90%	90%	-7.49
	Nov	81.16	70.00	0.00	0.000	5.62	93%	93%	-5.55
	Dec	79.00	70.00	0.00	0.000	5.62	95%	95%	-3.38
2025	Jan	76.52	70.00	0.00	0.000	6.54	100%	100%	0.02
	Feb	77.07	70.00	0.00	0.000	6.54	99%	99%	-0.53
	Mar	84.26	70.00	0.00	0.000	6.54	90%	90%	-7.72
	Apr	89.54	70.00	0.00	0.000	6.54	84%	84%	-13.01
	May	93.54	70.00	0.00	0.000	6.54	80%	80%	-17.01
	Jun	91.86	70.00	0.00	0.000	6.54	82%	82%	-15.32
	Jul	88.21	70.00	0.00	10.000	6.54	86%	98%	-1.68
	Aug	86.61	70.00	0.00	10.000	6.54	87%	100%	-0.07
	Sep	85.52	70.00	0.00	10.000	6.54	89%	101%	1.02
	Oct	86.70	70.00	0.00	10.000	6.54	87%	100%	-0.16
	Nov	84.67	70.00	0.00	10.000	6.54	90%	102%	1.87
	Dec	82.42	70.00	0.00	10.000	6.54	92%	105%	4.12
2026	Jan	79.82	70.00	0.00	10.000	7.56	97%	111%	7.74
	Feb	80.40	70.00	0.00	10.000	7.56	96%	110%	7.16
	Mar	87.90	70.00	0.00	10.000	7.56	87%	100%	-0.34
	Apr	93.41	70.00	0.00	10.000	7.56	82%	93%	-5.85
	May	97.59	70.00	0.00	10.000	7.56	78%	89%	-10.02

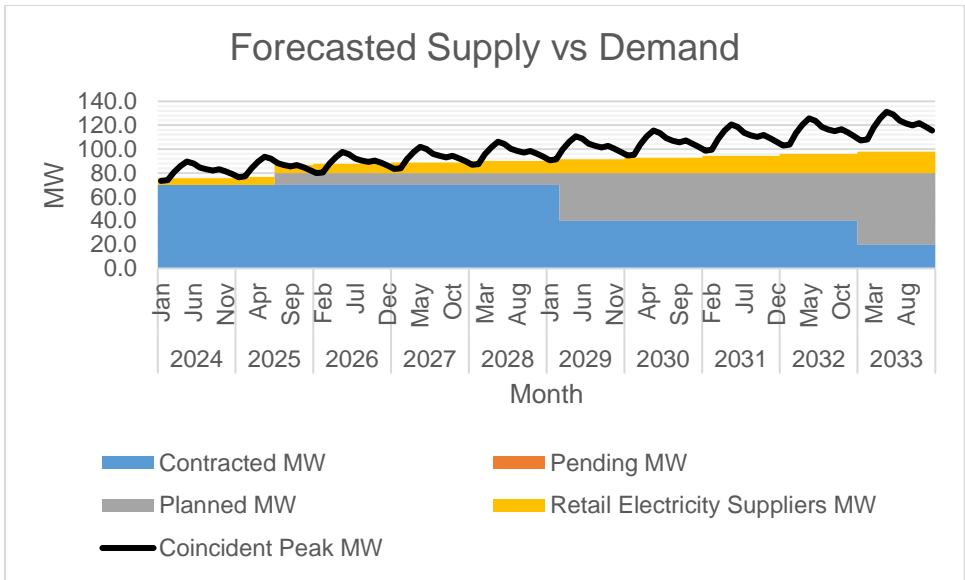


	Jun	95.83	70.00	0.00	10.000	7.56	79%	91%	-8.27
	Jul	92.03	70.00	0.00	10.000	7.56	83%	95%	-4.46
	Aug	90.35	70.00	0.00	10.000	7.56	85%	97%	-2.79
	Sep	89.22	70.00	0.00	10.000	7.56	86%	98%	-1.65
	Oct	90.45	70.00	0.00	10.000	7.56	84%	97%	-2.88
	Nov	88.33	70.00	0.00	10.000	7.56	87%	99%	-0.77
	Dec	85.98	70.00	0.00	10.000	7.56	89%	102%	1.59
2027	Jan	83.27	70.00	0.00	10.000	8.70	94%	107%	5.42
	Feb	83.87	70.00	0.00	10.000	8.70	93%	106%	4.82
	Mar	91.70	70.00	0.00	10.000	8.70	84%	96%	-3.00
	Apr	97.45	70.00	0.00	10.000	8.70	79%	90%	-8.75
	May	101.80	70.00	0.00	10.000	8.70	75%	86%	-13.11
	Jun	99.97	70.00	0.00	10.000	8.70	77%	88%	-11.27
	Jul	96.00	70.00	0.00	10.000	8.70	80%	92%	-7.31
	Aug	94.26	70.00	0.00	10.000	8.70	82%	94%	-5.56
	Sep	93.07	70.00	0.00	10.000	8.70	83%	95%	-4.37
	Oct	94.35	70.00	0.00	10.000	8.70	82%	93%	-5.66
	Nov	92.15	70.00	0.00	10.000	8.70	84%	96%	-3.45
	Dec	89.69	70.00	0.00	10.000	8.70	86%	99%	-1.00
2028	Jan	86.87	70.00	0.00	10.000	9.94	91%	104%	3.07
	Feb	87.50	70.00	0.00	10.000	9.94	90%	103%	2.44
	Mar	95.66	70.00	0.00	10.000	9.94	82%	93%	-5.72
	Apr	101.66	70.00	0.00	10.000	9.94	76%	87%	-11.72
	May	106.20	70.00	0.00	10.000	9.94	73%	83%	-16.26
	Jun	104.29	70.00	0.00	10.000	9.94	74%	85%	-14.35
	Jul	100.15	70.00	0.00	10.000	9.94	78%	89%	-10.21
	Aug	98.33	70.00	0.00	10.000	9.94	79%	91%	-8.39
	Sep	97.09	70.00	0.00	10.000	9.94	80%	92%	-7.15
	Oct	98.43	70.00	0.00	10.000	9.94	79%	90%	-8.49
	Nov	96.13	70.00	0.00	10.000	9.94	81%	93%	-6.19
	Dec	93.57	70.00	0.00	10.000	9.94	84%	96%	-3.63
2029	Jan	90.63	70.00	0.00	10.000	11.29	88%	101%	0.66
	Feb	91.28	70.00	0.00	10.000	11.29	88%	100%	0.01
	Mar	99.79	40.00	0.00	40.000	11.29	45%	90%	-8.50

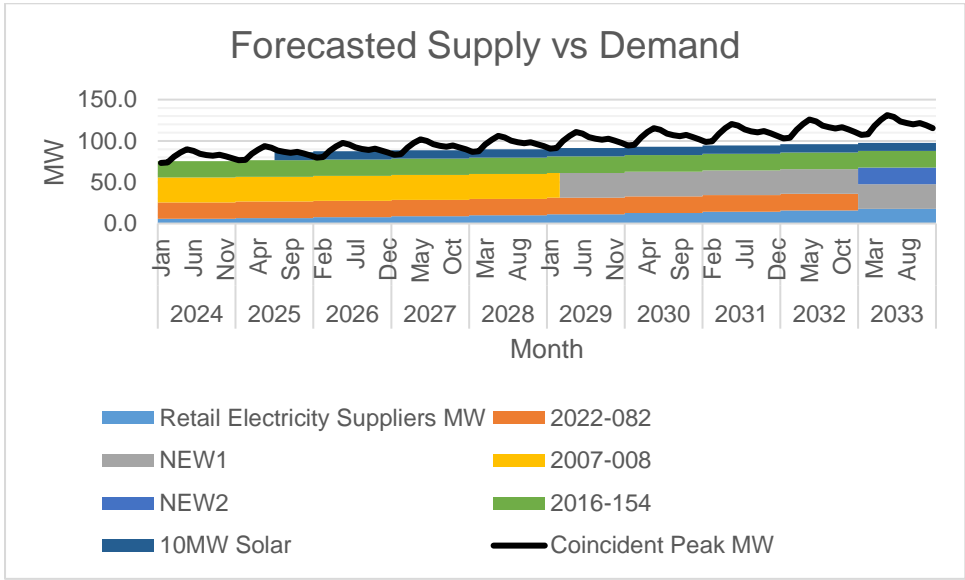
	Apr	106.05	40.00	0.00	40.000	11.29	42%	84%	-14.76
	May	110.79	40.00	0.00	40.000	11.29	40%	80%	-19.50
	Jun	108.80	40.00	0.00	40.000	11.29	41%	82%	-17.51
	Jul	104.48	40.00	0.00	40.000	11.29	43%	86%	-13.19
	Aug	102.58	40.00	0.00	40.000	11.29	44%	88%	-11.29
	Sep	101.29	40.00	0.00	40.000	11.29	44%	89%	-10.00
	Oct	102.69	40.00	0.00	40.000	11.29	44%	88%	-11.40
	Nov	100.28	40.00	0.00	40.000	11.29	45%	90%	-8.99
	Dec	97.61	40.00	0.00	40.000	11.29	46%	93%	-6.32
2030	Jan	94.54	40.00	0.00	40.000	12.75	49%	98%	-1.79
	Feb	95.22	40.00	0.00	40.000	12.75	49%	97%	-2.47
	Mar	104.11	40.00	0.00	40.000	12.75	44%	88%	-11.36
	Apr	110.64	40.00	0.00	40.000	12.75	41%	82%	-17.88
	May	115.58	40.00	0.00	40.000	12.75	39%	78%	-22.83
	Jun	113.50	40.00	0.00	40.000	12.75	40%	79%	-20.75
	Jul	109.00	40.00	0.00	40.000	12.75	42%	83%	-16.24
	Aug	107.01	40.00	0.00	40.000	12.75	42%	85%	-14.26
	Sep	105.67	40.00	0.00	40.000	12.75	43%	86%	-12.92
	Oct	107.12	40.00	0.00	40.000	12.75	42%	85%	-14.37
	Nov	104.62	40.00	0.00	40.000	12.75	44%	87%	-11.87
	Dec	101.83	40.00	0.00	40.000	12.75	45%	90%	-9.08
2031	Jan	98.63	40.00	0.00	40.000	14.32	47%	95%	-4.31
	Feb	99.34	40.00	0.00	40.000	14.32	47%	94%	-5.02
	Mar	108.61	40.00	0.00	40.000	14.32	42%	85%	-14.29
	Apr	115.42	40.00	0.00	40.000	14.32	40%	79%	-21.10
	May	120.58	40.00	0.00	40.000	14.32	38%	75%	-26.26
	Jun	118.40	40.00	0.00	40.000	14.32	38%	77%	-24.09
	Jul	113.71	40.00	0.00	40.000	14.32	40%	80%	-19.39
	Aug	111.64	40.00	0.00	40.000	14.32	41%	82%	-17.32
	Sep	110.23	40.00	0.00	40.000	14.32	42%	83%	-15.92
	Oct	111.75	40.00	0.00	40.000	14.32	41%	82%	-17.44
	Nov	109.14	40.00	0.00	40.000	14.32	42%	84%	-14.82
	Dec	106.23	40.00	0.00	40.000	14.32	44%	87%	-11.91
2032	Jan	102.89	40.00	0.00	40.000	15.99	46%	92%	-6.90

	Feb	103.63	40.00	0.00	40.000	15.99	46%	91%	-7.64
	Mar	113.30	40.00	0.00	40.000	15.99	41%	82%	-17.31
	Apr	120.41	40.00	0.00	40.000	15.99	38%	77%	-24.41
	May	125.79	40.00	0.00	40.000	15.99	36%	73%	-29.79
	Jun	123.52	40.00	0.00	40.000	15.99	37%	74%	-27.53
	Jul	118.62	40.00	0.00	40.000	15.99	39%	78%	-22.63
	Aug	116.46	40.00	0.00	40.000	15.99	40%	80%	-20.47
	Sep	115.00	40.00	0.00	40.000	15.99	40%	81%	-19.00
	Oct	116.58	40.00	0.00	40.000	15.99	40%	80%	-20.59
	Nov	113.86	40.00	0.00	40.000	15.99	41%	82%	-17.86
	Dec	110.82	40.00	0.00	40.000	15.99	42%	84%	-14.83
2033	Jan	107.34	20.00	0.00	60.000	17.78	22%	89%	-9.56
	Feb	108.11	20.00	0.00	60.000	17.78	22%	89%	-10.33
	Mar	118.20	20.00	0.00	60.000	17.78	20%	80%	-20.42
	Apr	125.61	20.00	0.00	60.000	17.78	19%	74%	-27.83
	May	131.22	20.00	0.00	60.000	17.78	18%	71%	-33.45
	Jun	128.86	20.00	0.00	60.000	17.78	18%	72%	-31.08
	Jul	123.75	20.00	0.00	60.000	17.78	19%	75%	-25.97
	Aug	121.50	20.00	0.00	60.000	17.78	19%	77%	-23.72
	Sep	119.97	20.00	0.00	60.000	17.78	20%	78%	-22.19
	Oct	121.62	20.00	0.00	60.000	17.78	19%	77%	-23.84
	Nov	118.78	20.00	0.00	60.000	17.78	20%	79%	-21.00
	Dec	115.61	20.00	0.00	60.000	17.78	20%	82%	-17.84

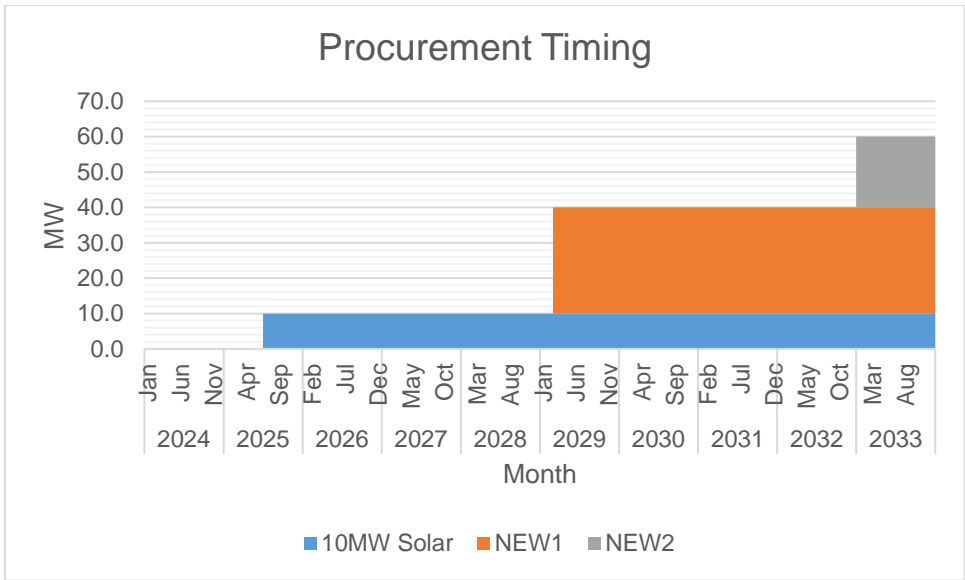
The Peak Demand was forecasted using regression/trend analysis and was assumed to occur in the month of May because electricity consumption in the summer increases along with the increasing temperature. Monthly Peak Demand is at its lowest on the month of January due to the colder temperature compared to other months of the year. In general, Peak Demand is expected to grow at a rate of 4.32% annually.



The available supply is generally below the Peak Demand. The supply deficit is sourced from the WESM which is strategically balanced out to take advantage of low WESM prices during off-peak hours of the day.



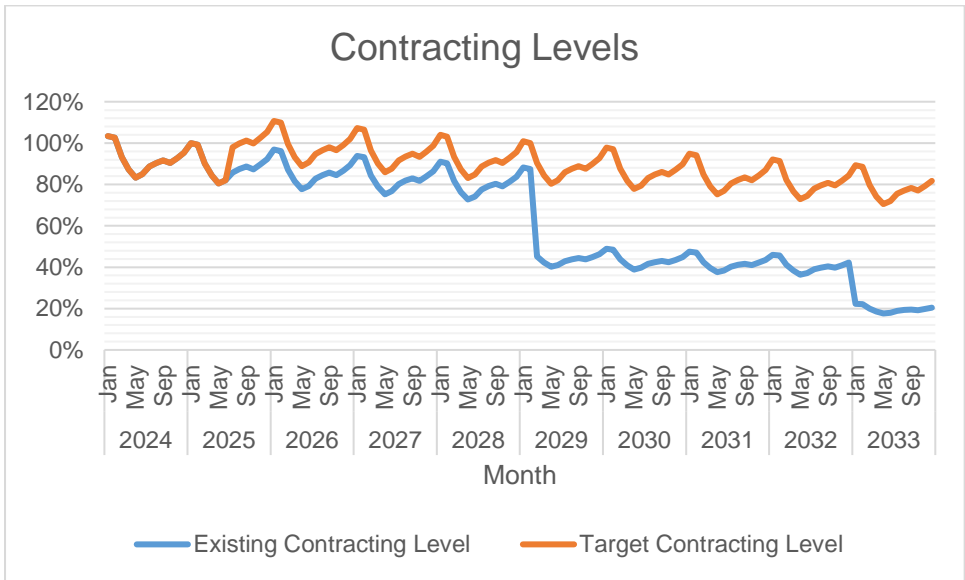
Of the available supply, the largest is 30 MW from ERC Case #2007-008RC (GNPower Mariveles Energy Center Ltd. Co.). This is followed by 20 MW from ERC Case #2022-082RC (Energy Development Corporation) and 20 MW from ERC Case #2016-154RC (SunAsia Energy Inc./One-Manaoag Solar Corp.).



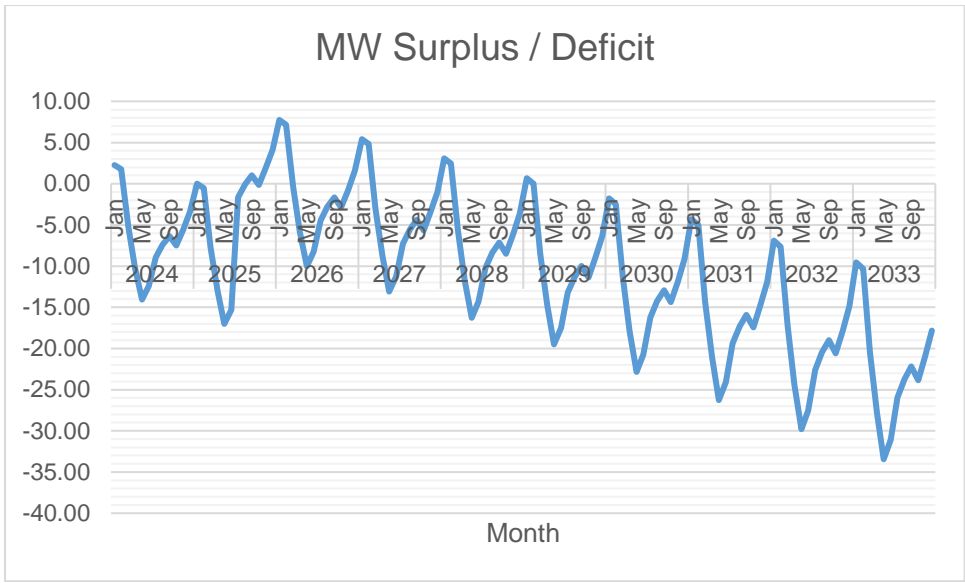
DECORP has planned to alleviate the forecasted deficit in power supply and mitigate its exposure to the WESM especially during peak hours through the procurement of the following power supply agreements (PSA):

First wave of supply procurement will be for 10 MW Solar (embedded) planned to be available by June 26, 2025. This will be followed by 30 MW planned to be available by February 26, 2029. This will be followed by 20 MW (RE eligible) planned to be available by December 26, 2032.

Moreover, and as discussed earlier, the remaining supply deficit not covered by the above-mentioned PSAs will be sourced from the WESM which is strategically balanced out to take advantage of low WESM prices during off-peak hours of the day.



Currently, there is under-contracting by 15.95%. The highest target contracting level is 111% which is expected to occur on January 2026. The lowest target contracting level is 71% which is expected to occur on May 2033.



Currently, there is under-contacting by 11.594 MW. The highest surplus is 7.74 MW which is expected to occur on the month of January 2026. The lowest deficit is 33.45 MW which is expected to occur on the month of May 2033.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2024	Jan	36,844	34,433	2,410	0.00%	6.54%
	Feb	35,995	33,640	2,355	0.00%	6.54%
	Mar	36,881	34,468	2,413	0.00%	6.54%
	Apr	41,898	39,157	2,741	0.00%	6.54%
	May	44,396	41,491	2,904	0.00%	6.54%
	Jun	44,504	41,592	2,911	0.00%	6.54%
	Jul	42,323	39,554	2,769	0.00%	6.54%
	Aug	40,328	37,689	2,638	0.00%	6.54%
	Sep	40,944	38,266	2,679	0.00%	6.54%
	Oct	41,360	38,654	2,706	0.00%	6.54%
	Nov	42,057	39,306	2,751	0.00%	6.54%
	Dec	40,317	37,680	2,638	0.00%	6.54%
2025	Jan	37,958	35,475	2,483	0.00%	6.54%
	Feb	37,089	34,663	2,426	0.00%	6.54%
	Mar	37,983	35,498	2,485	0.00%	6.54%
	Apr	43,148	40,325	2,823	0.00%	6.54%
	May	45,715	42,724	2,991	0.00%	6.54%
	Jun	45,835	42,836	2,999	0.00%	6.54%
	Jul	43,597	40,745	2,852	0.00%	6.54%
	Aug	41,541	38,823	2,718	0.00%	6.54%
	Sep	42,182	39,422	2,760	0.00%	6.54%
	Oct	42,612	39,824	2,788	0.00%	6.54%
	Nov	43,351	40,515	2,836	0.00%	6.54%
	Dec	41,571	38,851	2,720	0.00%	6.54%
2026	Jan	39,124	36,565	2,560	0.00%	6.54%
	Feb	38,235	35,734	2,501	0.00%	6.54%
	Mar	39,137	36,577	2,560	0.00%	6.54%
	Apr	44,457	41,548	2,908	0.00%	6.54%
	May	47,095	44,014	3,081	0.00%	6.54%

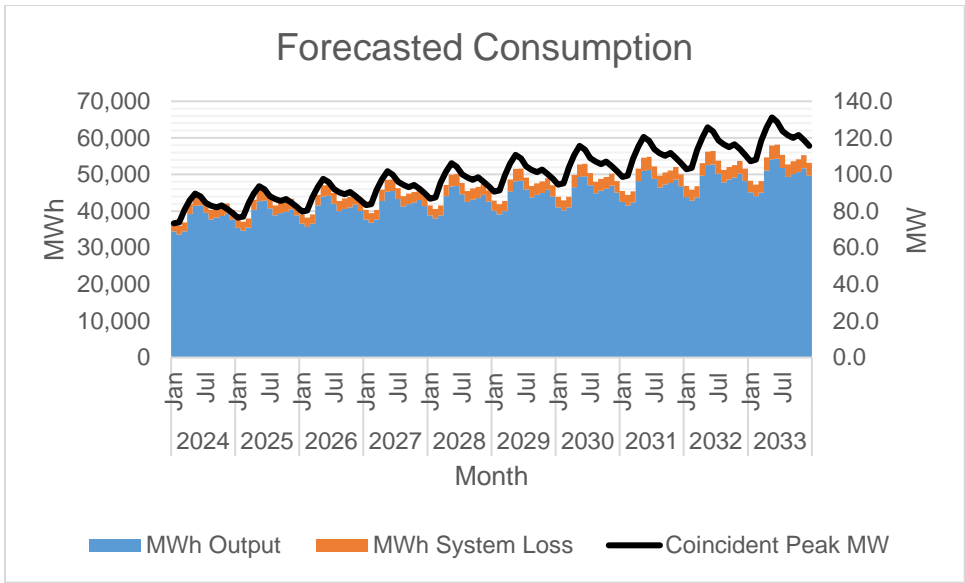
	Jun	47,228	44,138	3,090	0.00%	6.54%
	Jul	44,931	41,991	2,939	0.00%	6.54%
	Aug	42,810	40,009	2,801	0.00%	6.54%
	Sep	43,477	40,633	2,844	0.00%	6.54%
	Oct	43,921	41,048	2,873	0.00%	6.54%
	Nov	44,705	41,780	2,925	0.00%	6.54%
	Dec	42,882	40,077	2,805	0.00%	6.54%
2027	Jan	40,328	37,690	2,638	0.00%	6.54%
	Feb	39,418	36,840	2,579	0.00%	6.54%
	Mar	40,328	37,689	2,638	0.00%	6.54%
	Apr	45,806	42,809	2,997	0.00%	6.54%
	May	48,519	45,345	3,174	0.00%	6.54%
	Jun	48,664	45,481	3,184	0.00%	6.54%
	Jul	46,306	43,277	3,029	0.00%	6.54%
	Aug	44,120	41,233	2,886	0.00%	6.54%
	Sep	44,814	41,882	2,932	0.00%	6.54%
	Oct	45,273	42,311	2,962	0.00%	6.54%
	Nov	46,102	43,086	3,016	0.00%	6.54%
	Dec	44,236	41,342	2,894	0.00%	6.54%
2028	Jan	41,565	38,846	2,719	0.00%	6.54%
	Feb	40,635	37,976	2,658	0.00%	6.54%
	Mar	41,552	38,833	2,718	0.00%	6.54%
	Apr	47,193	44,106	3,087	0.00%	6.54%
	May	49,982	46,712	3,270	0.00%	6.54%
	Jun	50,141	46,861	3,280	0.00%	6.54%
	Jul	47,721	44,599	3,122	0.00%	6.54%
	Aug	45,466	42,492	2,974	0.00%	6.54%
	Sep	46,188	43,166	3,022	0.00%	6.54%
	Oct	46,663	43,610	3,053	0.00%	6.54%
	Nov	47,539	44,429	3,110	0.00%	6.54%
	Dec	45,628	42,643	2,985	0.00%	6.54%
2029	Jan	42,837	40,034	2,802	0.00%	6.54%
	Feb	41,885	39,144	2,740	0.00%	6.54%
	Mar	42,810	40,009	2,801	0.00%	6.54%
	Apr	48,619	45,438	3,181	0.00%	6.54%
	May	51,486	48,118	3,368	0.00%	6.54%
	Jun	51,659	48,279	3,380	0.00%	6.54%
	Jul	49,175	45,958	3,217	0.00%	6.54%
	Aug	46,850	43,785	3,065	0.00%	6.54%
	Sep	47,600	44,486	3,114	0.00%	6.54%
	Oct	48,091	44,945	3,146	0.00%	6.54%
	Nov	49,015	45,809	3,207	0.00%	6.54%
	Dec	47,059	43,980	3,079	0.00%	6.54%
2030	Jan	43,915	41,042	2,873	0.00%	6.54%
	Feb	42,949	40,139	2,810	0.00%	6.54%
	Mar	43,900	41,028	2,872	0.00%	6.54%
	Apr	49,840	46,580	3,261	0.00%	6.54%
	May	52,775	49,322	3,453	0.00%	6.54%
	Jun	52,952	49,488	3,464	0.00%	6.54%
	Jul	50,409	47,111	3,298	0.00%	6.54%
	Aug	48,029	44,887	3,142	0.00%	6.54%

	Sep	48,797	45,605	3,192	0.00%	6.54%
	Oct	49,300	46,075	3,225	0.00%	6.54%
	Nov	50,236	46,950	3,286	0.00%	6.54%
	Dec	48,229	45,074	3,155	0.00%	6.54%
2031	Jan	45,483	42,507	2,975	0.00%	6.54%
	Feb	44,486	41,576	2,910	0.00%	6.54%
	Mar	45,427	42,455	2,972	0.00%	6.54%
	Apr	51,585	48,211	3,375	0.00%	6.54%
	May	54,615	51,042	3,573	0.00%	6.54%
	Jun	54,817	51,231	3,586	0.00%	6.54%
	Jul	52,200	48,785	3,415	0.00%	6.54%
	Aug	49,729	46,476	3,253	0.00%	6.54%
	Sep	50,540	47,233	3,306	0.00%	6.54%
	Oct	51,064	47,723	3,341	0.00%	6.54%
	Nov	52,090	48,682	3,408	0.00%	6.54%
	Dec	50,038	46,765	3,274	0.00%	6.54%
2032	Jan	46,857	43,792	3,065	0.00%	6.54%
	Feb	45,839	42,840	2,999	0.00%	6.54%
	Mar	46,788	43,727	3,061	0.00%	6.54%
	Apr	53,127	49,651	3,476	0.00%	6.54%
	May	56,240	52,561	3,679	0.00%	6.54%
	Jun	56,458	52,765	3,694	0.00%	6.54%
	Jul	53,772	50,255	3,518	0.00%	6.54%
	Aug	51,226	47,875	3,351	0.00%	6.54%
	Sep	52,068	48,661	3,406	0.00%	6.54%
	Oct	52,609	49,167	3,442	0.00%	6.54%
	Nov	53,688	50,175	3,512	0.00%	6.54%
	Dec	51,587	48,212	3,375	0.00%	6.54%
2033	Jan	48,267	45,110	3,158	0.00%	6.54%
	Feb	47,225	44,136	3,090	0.00%	6.54%
	Mar	48,183	45,030	3,152	0.00%	6.54%
	Apr	54,708	51,129	3,579	0.00%	6.54%
	May	57,907	54,119	3,788	0.00%	6.54%
	Jun	58,141	54,337	3,804	0.00%	6.54%
	Jul	55,385	51,762	3,623	0.00%	6.54%
	Aug	52,760	49,309	3,452	0.00%	6.54%
	Sep	53,634	50,126	3,509	0.00%	6.54%
	Oct	54,194	50,648	3,545	0.00%	6.54%
	Nov	55,327	51,707	3,620	0.00%	6.54%
	Dec	53,175	49,697	3,479	0.00%	6.54%

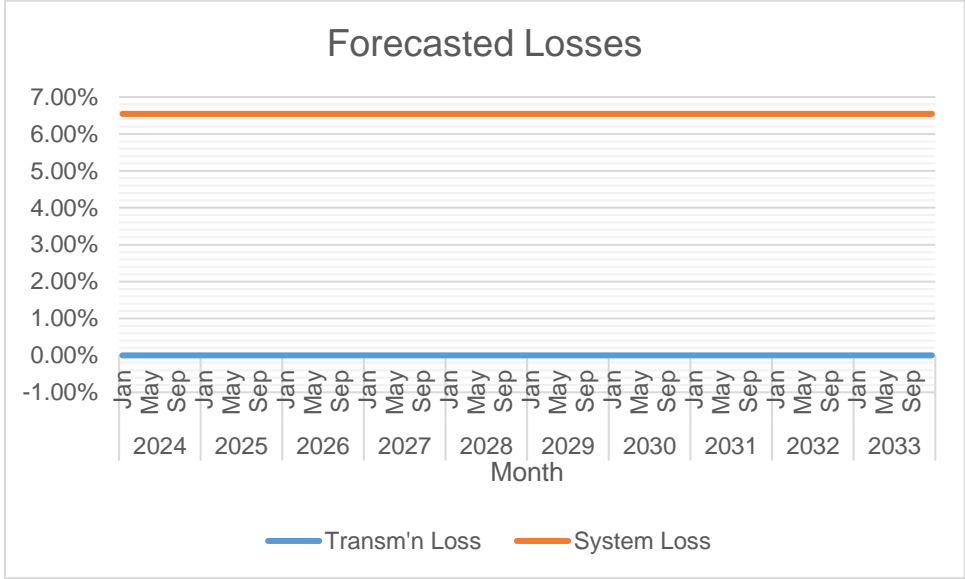
MWh Offtake was forecasted using Time Series Forecast prior to behavioral pattern during election years.

System Loss was calculated through a Load Flow Study conducted on Historical and Actual values by using Synergy software. Based on the same study, the Distribution System can adequately convey electricity to customers.





MWh Output was expected to grow at an average rate of 3.02% annually.



Transmission Loss is not applicable in DECORP System. System Loss is expected to range from 6.54% to 7%.

## Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2007-008	Intermediate	GN Power Mariveles Coal Plant Ltd.	30.00	183,960	26/02/2014	25/02/2029
2016-154	Peaking	Sun Asia Energy, Inc.	20.00	28,648	29/11/2022	25/11/2047
2022-082	Base	Energy Development Corporation	20.00	87,600	26/12/2022	25/12/2032

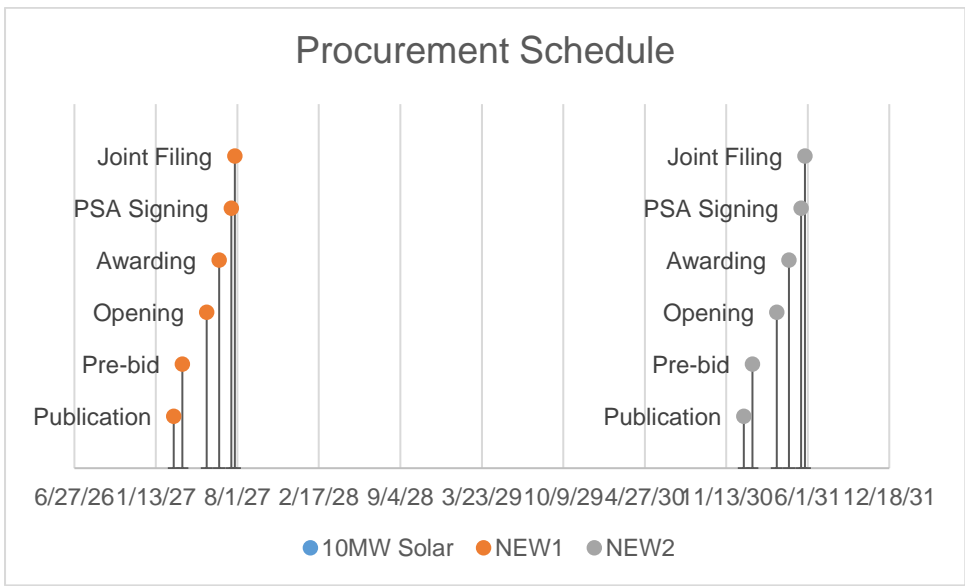
The PSA with GNPowder Mariveles Energy Center Ltd. filed with ERC under Case No. 2007-008RC was procured through PPSA. It was selected to provide for intermediate requirements due to its flexibility to adjust its energy requirement based on the minimum and maximum capacity. In 2023, the average utilization of the PSA is 74.42%. Outages of the plant led to unserved energy of around 2,864.77 MWh in the past year. The actual billed overall monthly charge under the PSA ranged from 5.3840 P/kWh to 9.2956 P/kWh in the same period.

The Electricity Supply Agreement (ESA) with Sun Asia Energy Inc. filed with ERC under Case No. 2016-154 RC was procured through PPSA. Please note that Sun Asia Energy Inc. created a special purpose vehicle under the name of One-Manaoag Solar Corp. (OMSC) to operate its solar farm. It was selected in anticipation to the requirements of the Renewable Energy Act of 2008 and to provide for peaking requirements due to its operation during peak hours of the day where WESM prices are high. Historically, the utilization of the PSA is 100% because the solar farm is embedded to DECORP's sub-transmission network and the "take or pay" provision. The approved rate per kWh for the first year under the ESA is 6.58 P/kWh for Phase 1 (10MW). DECORP and OMS however agreed between themselves that the rate for Phase 2 (10MW) will be 4.50 P/kWh. Furthermore, the parties also agreed that the rate be simplified to the average of 6.58 P/kWh and 4.50 P/kWh or 5.54 P/kWh regardless of which Phase the energy was generated.

The PSA with EDC filed with ERC under Case No. 2022-082 RC was procured through CSP. It was selected to provide for base requirements due to low price and stable demand. Historically, the utilization of the PSA is 84.67%. The rate per kWh under the PSA is 4.2888 P/kWh.

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
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	10MW Solar	NEW1	NEW2
Type	Peaking	Base	Intermediate
Minimum MW	10.00	30.00	20.00
Minimum MWh/yr	14,459	183,960	87,600
PSA Start	26/06/2025	26/02/2029	26/12/2032
PSA End	25/06/2050	25/02/2044	25/12/2042
Publication		26/02/2027	26/12/2030
Pre-bid		19/03/2027	16/01/2031
Opening		18/05/2027	17/03/2031
Awarding		17/06/2027	16/04/2031
PSA Signing		17/07/2027	16/05/2031
Joint Filing		26/07/2027	25/05/2031

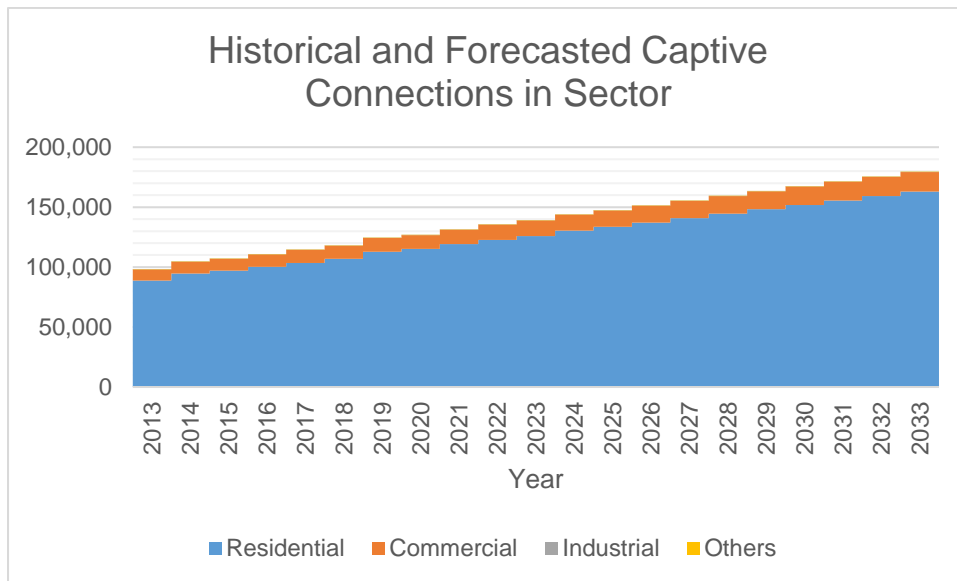


The procurement of 10 MW (embedded solar plant) of supply is planned to be available on June 26, 2025. Testing and Commissioning will start on March 26, 2025. This 10 MW Embedded Solar Plant will be under COE which is why there is no Publication dates/schedule.

For the procurement of 30 MW of supply which is planned to be available on February 26, 2029, the first publication or launch of CSP will be on February 26, 2027. Joint filing is planned on July 26, 2027, or 150 days later, in accordance with DOE’s 2023 CSP Policy.

For the procurement of 20 MW of supply which is planned to be available on December 26, 2032, the first publication or launch of CSP will be on December 26, 2030. Joint filing is planned on May 25, 2031, or 150 days later, in accordance with DOE’s 2023 CSP Policy.

# Captive Customer Connections



The number of Residential Customers connections is expected to grow at an average rate of 2.61% annually. Said customer class is expected to account for 49.75% of the total consumption.

The number of Commercial Customers connections is expected to grow at an average rate of 2.40% annually. Said customer class is expected to account for 32.42% of the total consumption.

The number of Industrial Customers connections is expected to grow at an average rate of 9.98% annually. Said customer class is expected to account for 16.84% of the total consumption.

The number of Others Customers connections is expected to grow at an average rate of 2.78% annually. Said customer class is expected to account for 0.98% of the total consumption.