

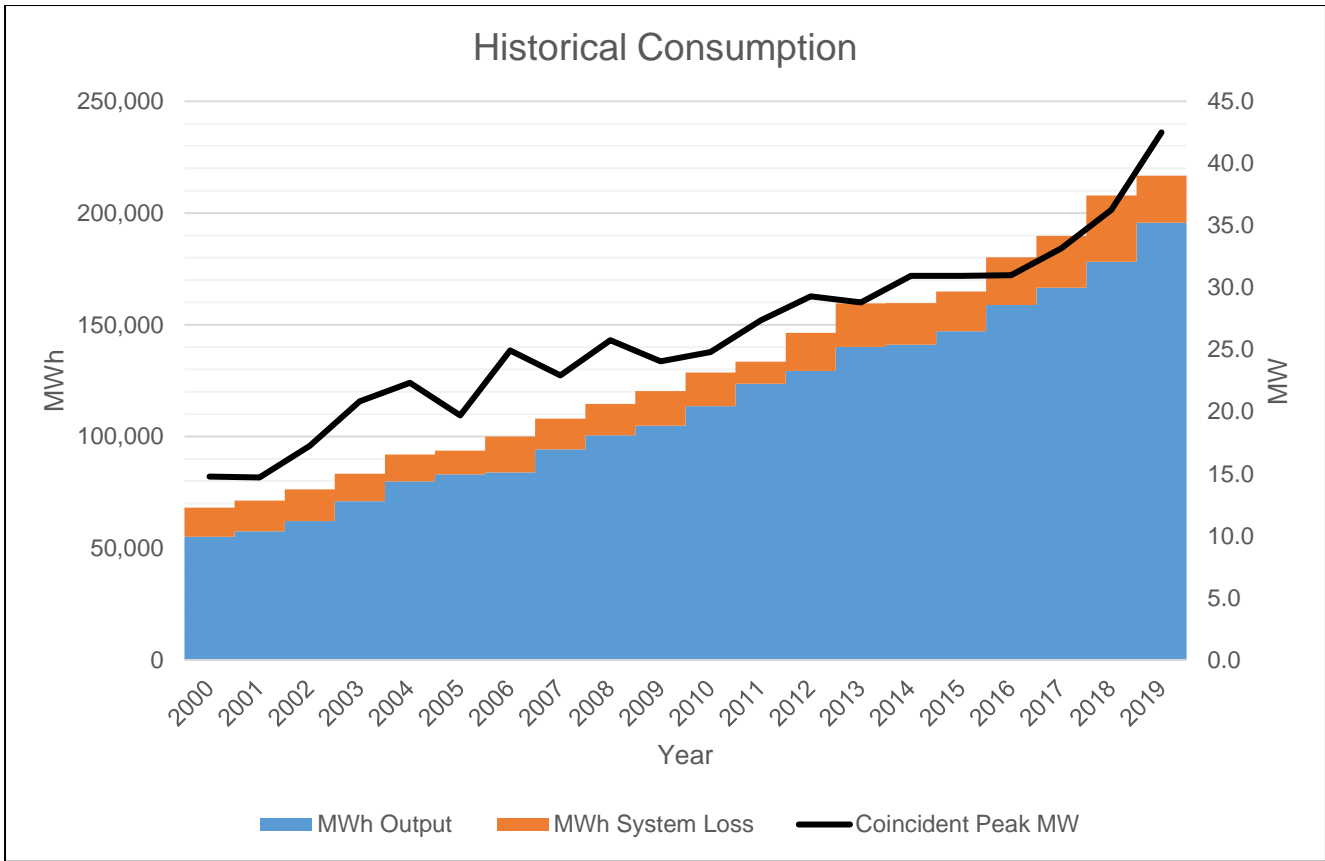
# **Power Supply Procurement Plan 2020-2029**

**FIRST BUKIDNON ELECTRIC COOPERATIVE, INC.  
(FIBECO)**

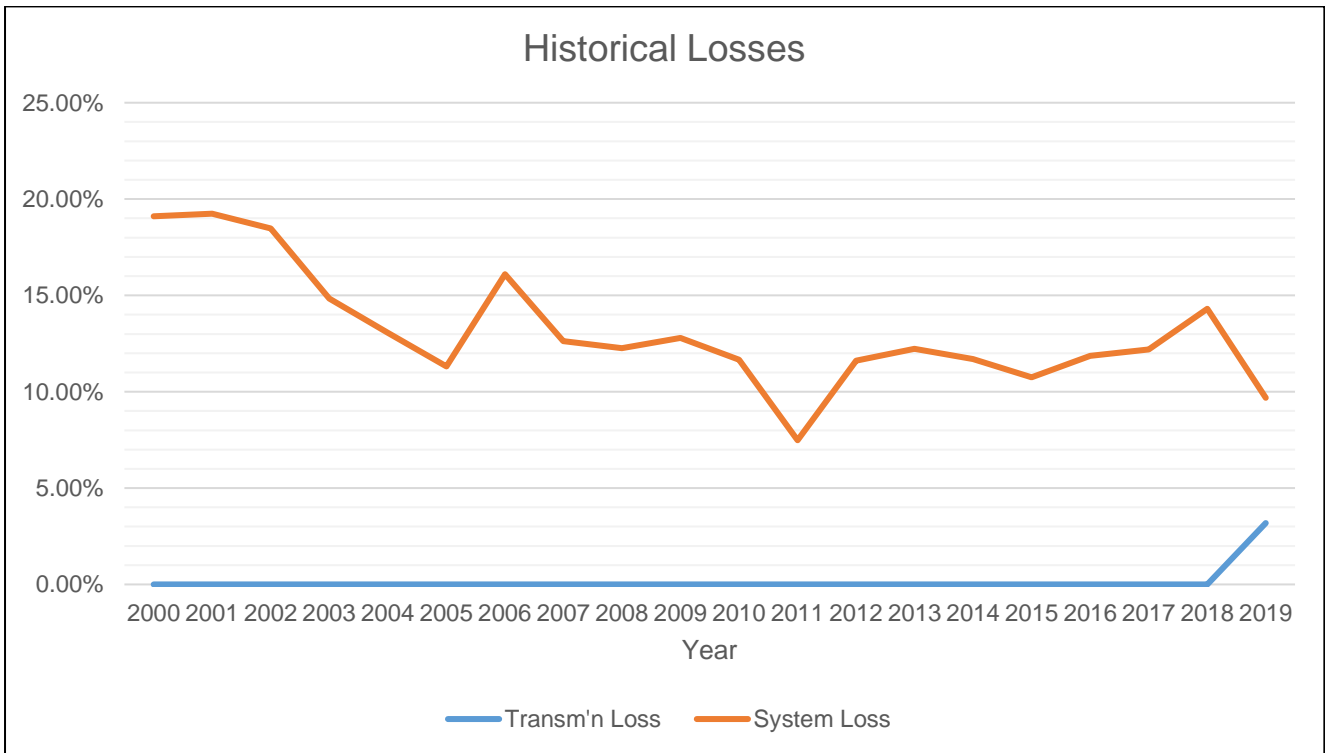
## Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	14.78	68,160	0	68,160	55,134	13,026	53%	0.00%	0.00%	19.11%
2001	14.70	71,323	0	71,323	57,600	13,723	55%	0.00%	0.00%	19.24%
2002	17.25	76,296	0	76,296	62,198	14,098	51%	0.00%	0.00%	18.48%
2003	20.83	83,356	0	83,356	70,987	12,369	46%	0.00%	0.00%	14.84%
2004	22.32	91,917	0	91,917	79,912	12,005	47%	0.00%	0.00%	13.06%
2005	19.71	93,628	0	93,628	83,036	10,592	54%	0.00%	0.00%	11.31%
2006	24.93	99,966	0	99,966	83,870	16,096	46%	0.00%	0.00%	16.10%
2007	22.93	107,952	0	107,952	94,320	13,632	54%	0.00%	0.00%	12.63%
2008	25.76	114,606	0	114,606	100,553	14,053	51%	0.00%	0.00%	12.26%
2009	24.06	120,293	0	120,293	104,895	15,398	57%	0.00%	0.00%	12.80%
2010	24.81	128,652	0	128,652	113,643	15,009	59%	0.00%	0.00%	11.67%
2011	27.35	133,557	0	133,557	123,562	9,995	56%	0.00%	0.00%	7.48%
2012	29.30	146,393	0	146,393	129,399	16,993	57%	0.00%	0.00%	11.61%
2013	28.80	159,562	0	159,562	140,043	19,519	63%	0.00%	0.00%	12.23%
2014	30.94	159,730	0	159,730	141,054	18,676	59%	0.00%	0.00%	11.69%
2015	30.95	164,917	0	164,917	147,176	17,741	61%	0.00%	0.00%	10.76%
2016	31.00	180,198	0	180,198	158,827	21,371	66%	0.00%	0.00%	11.86%
2017	33.15	189,800	0	189,800	166,668	23,132	65%	0.00%	0.00%	12.19%
2018	36.24	207,860	0	207,860	178,134	29,726	65%	0.00%	0.00%	14.30%
2019	42.50	223,801	0	216,671	195,686	20,985	58%	0.00%	3.19%	9.69%

Peak Demand increased from 14.78 MW in 2000 to 42.50 MW in 2019 at 65.22% due to increasing power requirement. MWh Offtake increased from 68,160 MWh in 2000 to 216,671 MWh in 2019 at 68.54% due to increase in load. MWh Output increased from 55,134MWh in 2000 to 195,686 MWh in 2019 at 71.83% due to increase in load. System Loss varies significantly from 13,026 MWh in 2000 to 9.995 MWh in 2011 and increased to 20,985 in 2019. Within the same period, Load Factor ranged from 53% to 66%. There was an abrupt change in consumption on 2015 due to increase in connection on the implementation of Sitio Electrification Program, National Intensification Household Energization, Barangay Line Enhancement, OPPAP-PAMANA and other Missionary projects in the coverage area.

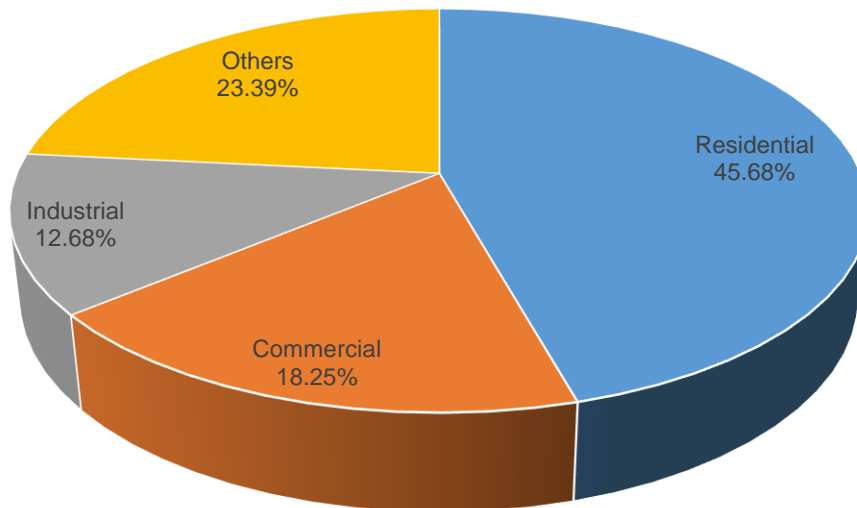


MWh Output increased from year 2000 to year 2019 or 71.83%, while MWh System Loss increased at 37.93% within the same period.



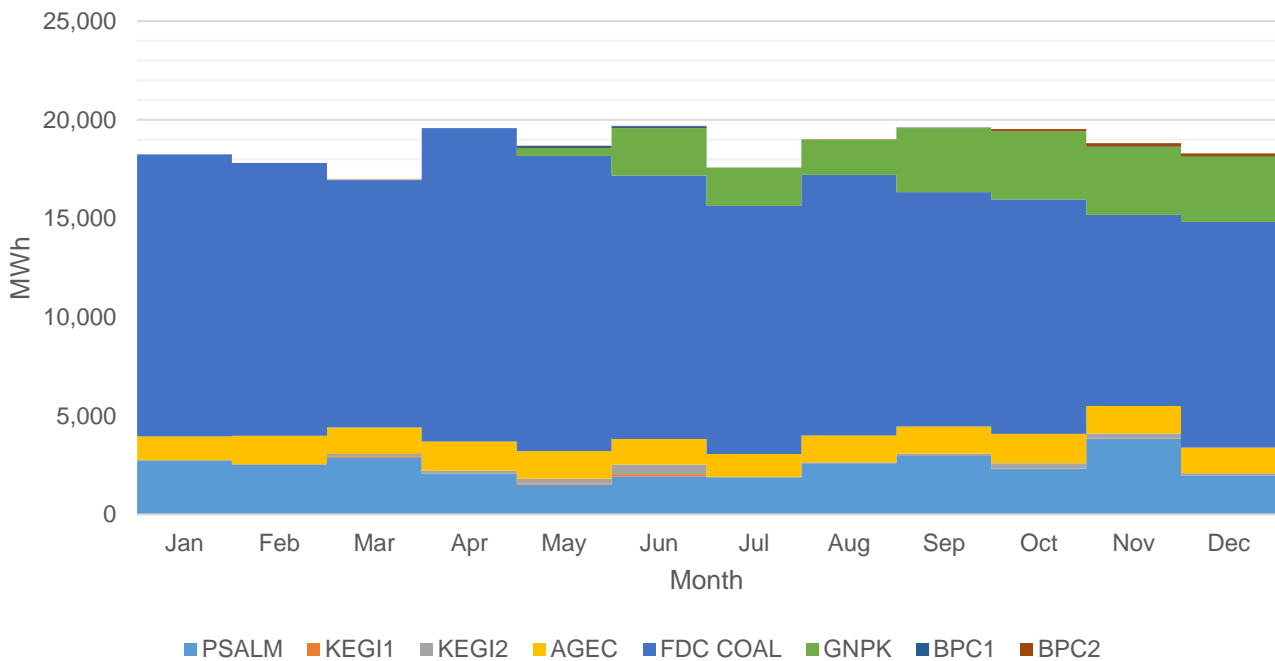
Historically, Transmission Loss ranged from 0.00% to 3.19% while System Loss ranged from 19.11% to 9.69%.

### Previous Year's Shares of Energy Sales

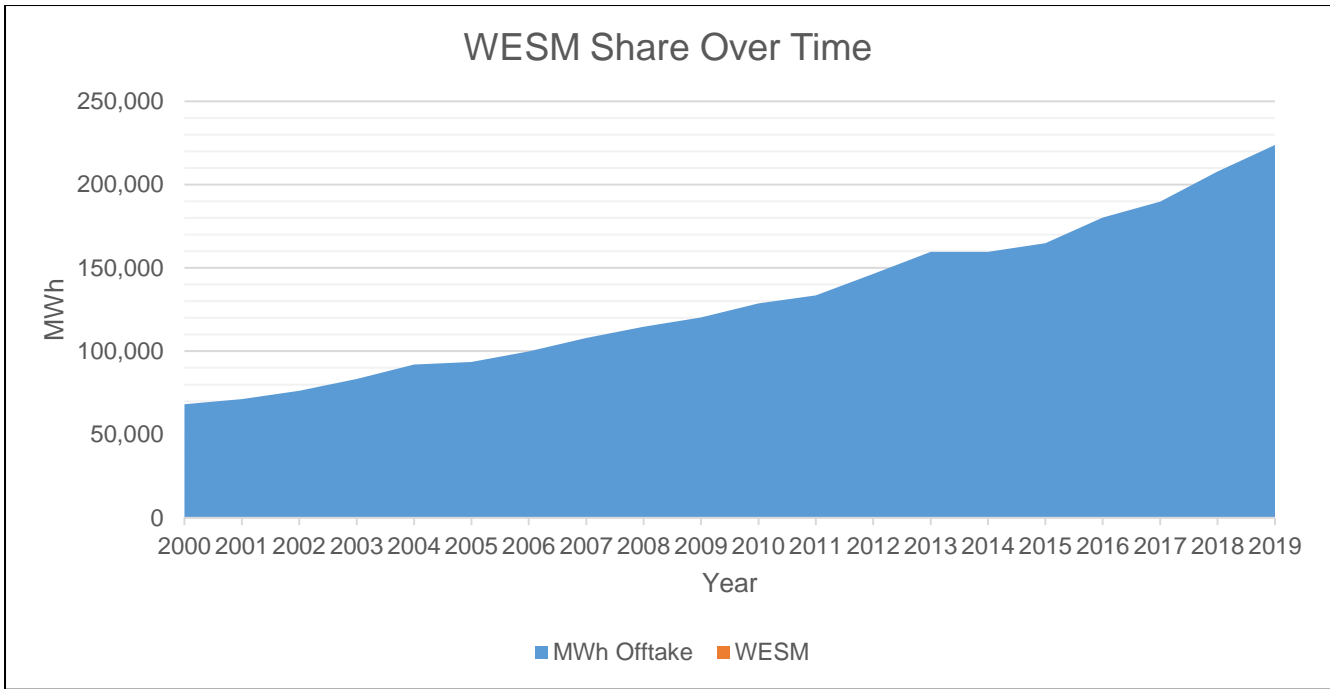


Residential customers account for the bulk of energy sales at 45.68% due to the high number of connections. Residential consumers are high in number of connections since FIBECO's coverage area is highly rural. In contrast, Industrial customers accounted for only 12.68% of energy sales due to the low number of connections.

### MWh Offtake for Last Historical Year

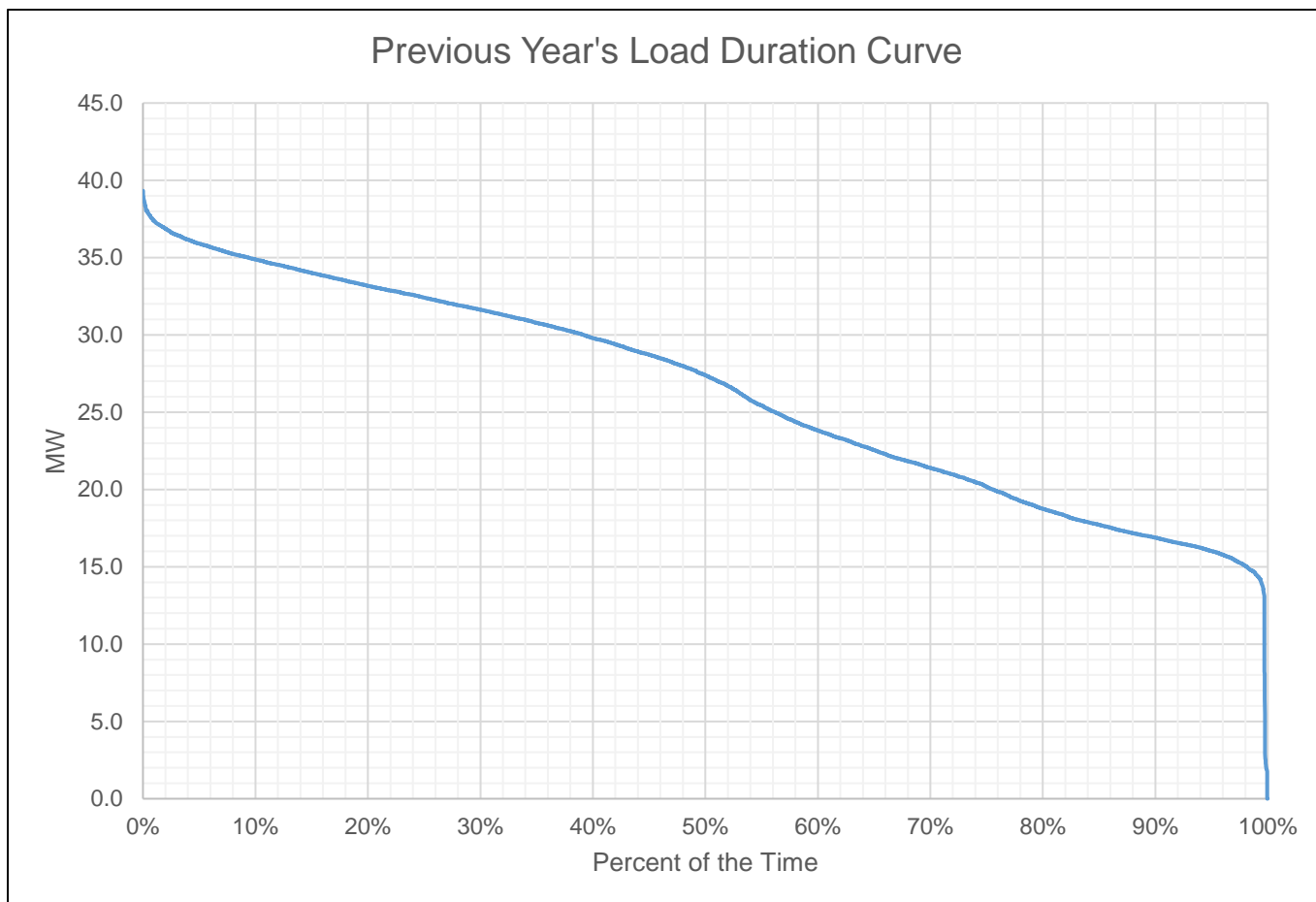


For FIBECO, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with FDC and GNPK accounts for the bulk of MWh Offtake.

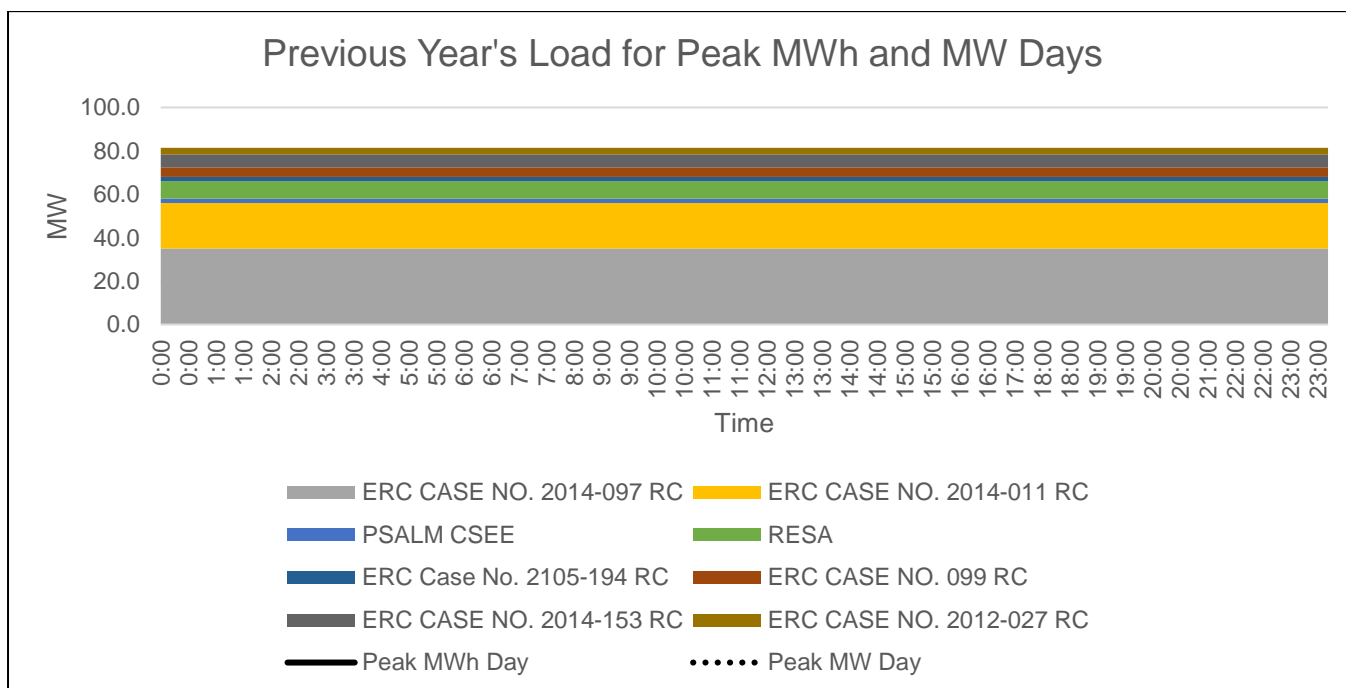


WESM Offtake maintained from 0 MWh in 2000 to 0 MWh in 2019 at a rate of 0% due to no participation in the WESM. The share of WESM in the total Offtake ranged from 0% to 0%. The net WESM transaction is negative from 2000 to 2019 because WESM Mindanao is not yet fully operational.

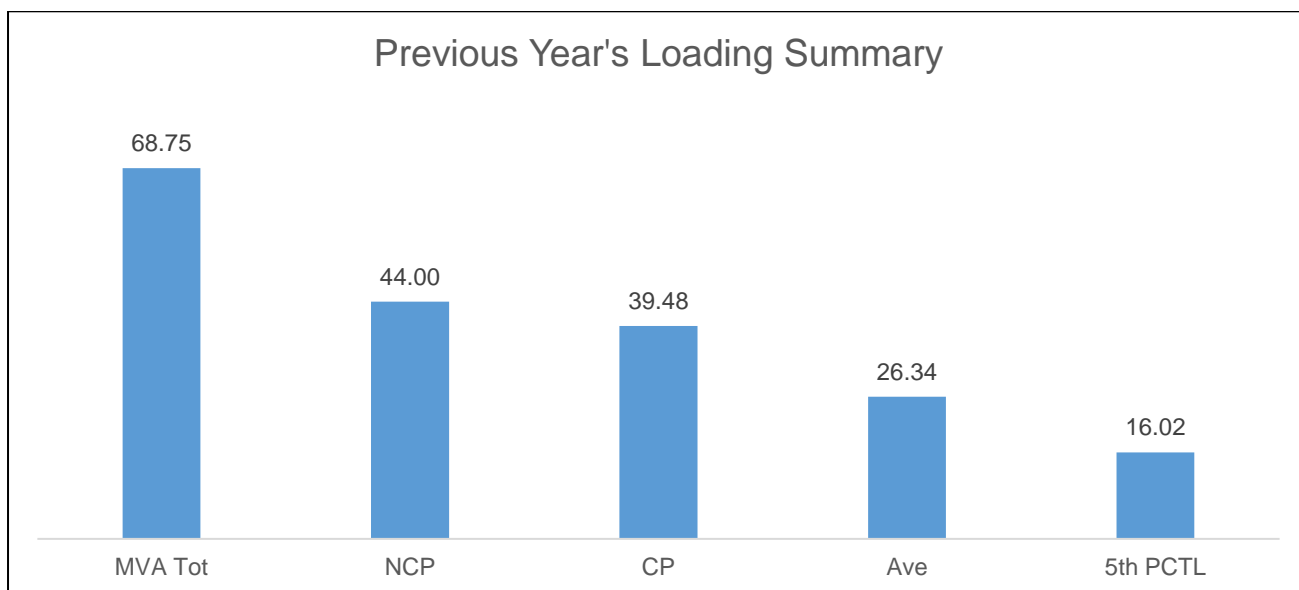
# Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 13.22 MW and the maximum load is 38.78 MW for the last historical year.



Peak MW occurred on interval 19 due to businesses are closing and household consumption increased. Peak daily MWh occurred on interval 19 or 7:00PM due to increase in household consumption. As shown in the Load Curves, the available supply is higher than the Peak Demand.



The Non-coincident Peak Demand is 44 MW, which is around 64% of the total substation capacity of 68.75 MVA at a power factor of 97.84. The annual average load factor is 62.33% .

Metering Point	Substation MVA	Substation Peak MW
M 1	12.5	7.853
M 2	12.5	8.854
M 3	12.5	7.683
M 4	6.25	4.073
M 5	18.75	11.341
M 6	6.25	4.192

The substation loaded at above 70% is M2. This loading problem will be solved by installing additional capacities. M1 is located Camp One, Maramag, Bukidnon; M2 is in Lumbo, Valencia City; M3 is in Anahawon, Maramag, Bukidnon; M4 is in located in Palma, Kibawe, Bukidnon; M5 is located in Dabongdabong, Valencia City and M6 is located in Barandias, Pangantucan, Bukidnon.

## 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
2020	Jan	43.75	81.40	0.00	0.000		186%	186%	37.65
	Feb	44.00	81.40	0.00	0.000		185%	185%	37.40
	Mar	44.36	81.40	0.00	0.000		184%	184%	37.04
	Apr	44.76	81.40	0.00	0.000		182%	182%	36.64
	May	45.17	81.40	0.00	0.000		180%	180%	36.23
	Jun	45.49	81.40	0.00	0.000		179%	179%	35.91
	Jul	45.93	81.40	0.00	0.000		177%	177%	35.47
	Aug	46.27	81.40	0.00	0.000		176%	176%	35.13
	Sep	46.68	81.40	0.00	0.000		174%	174%	34.72
	Oct	47.11	81.40	0.00	0.000		173%	173%	34.29
	Nov	47.44	81.40	0.00	0.000		172%	172%	33.96
	Dec	47.61	81.40	0.00	0.000		171%	171%	33.79
2021	Jan	46.83	73.40	0.00	0.000		157%	157%	26.57
	Feb	47.10	73.40	0.00	0.000		156%	156%	26.30
	Mar	47.49	73.40	0.00	0.000		155%	155%	25.91
	Apr	47.92	73.40	0.00	0.000		153%	153%	25.48
	May	48.35	73.40	0.00	0.000		152%	152%	25.05
	Jun	48.70	73.40	0.00	0.000		151%	151%	24.70
	Jul	49.17	73.40	0.00	0.000		149%	149%	24.23
	Aug	49.54	73.40	0.00	0.000		148%	148%	23.86
	Sep	49.97	70.40	0.00	0.000		141%	141%	20.43
	Oct	50.44	70.40	0.00	0.000		140%	140%	19.96
	Nov	50.79	70.40	0.00	0.000		139%	139%	19.61
	Dec	50.97	70.40	0.00	0.000		138%	138%	19.43
2022	Jan	49.98	75.90	0.00	0.000		152%	152%	25.92
	Feb	50.27	75.90	0.00	0.000		151%	151%	25.63



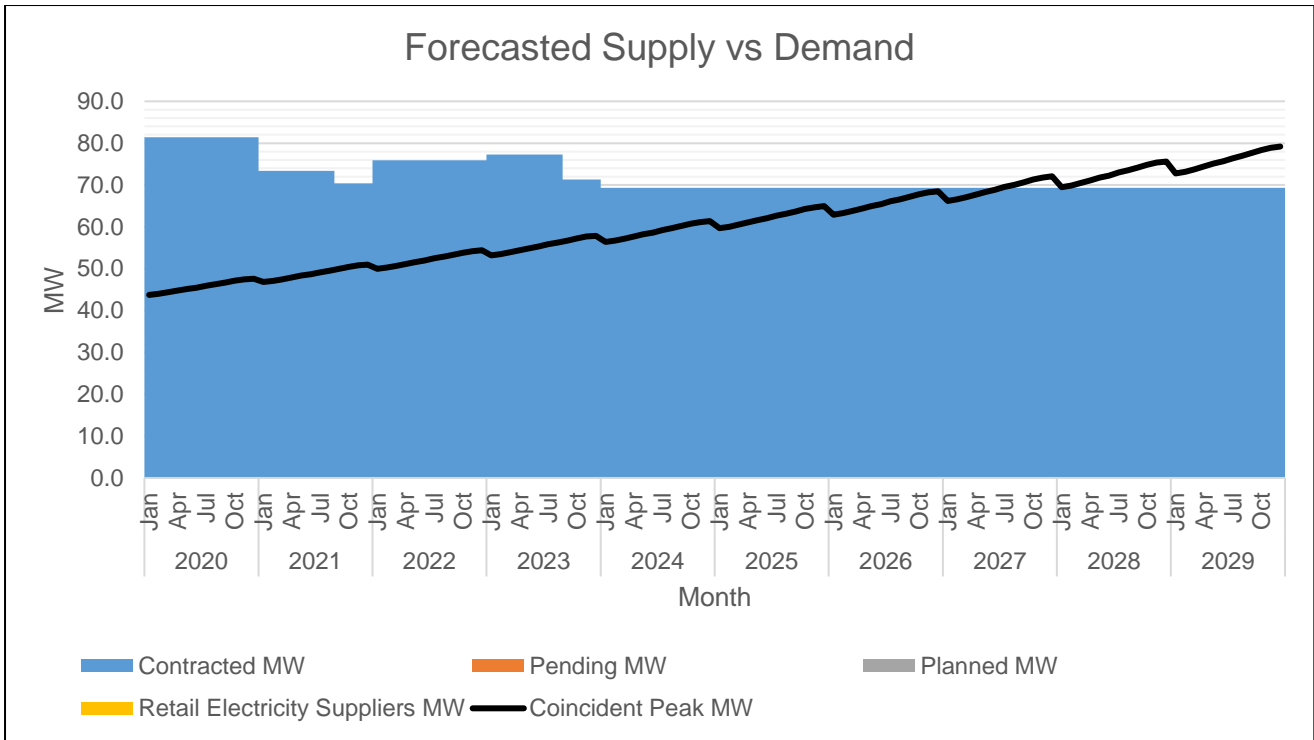
	Mar	50.68	75.90	0.00	0.000		150%	150%	25.22
	Apr	51.14	75.90	0.00	0.000		148%	148%	24.76
	May	51.61	75.90	0.00	0.000		147%	147%	24.29
	Jun	51.98	75.90	0.00	0.000		146%	146%	23.92
	Jul	52.48	75.90	0.00	0.000		145%	145%	23.42
	Aug	52.87	75.90	0.00	0.000		144%	144%	23.03
	Sep	53.34	75.90	0.00	0.000		142%	142%	22.56
	Oct	53.83	75.90	0.00	0.000		141%	141%	22.07
	Nov	54.20	75.90	0.00	0.000		140%	140%	21.70
	Dec	54.40	75.90	0.00	0.000		140%	140%	21.50
2023	Jan	53.18	77.30	0.00	0.000		145%	145%	24.12
	Feb	53.48	77.30	0.00	0.000		145%	145%	23.82
	Mar	53.92	77.30	0.00	0.000		143%	143%	23.38
	Apr	54.41	77.30	0.00	0.000		142%	142%	22.89
	May	54.91	77.30	0.00	0.000		141%	141%	22.39
	Jun	55.30	77.30	0.00	0.000		140%	140%	22.00
	Jul	55.84	77.30	0.00	0.000		138%	138%	21.46
	Aug	56.25	77.30	0.00	0.000		137%	137%	21.05
	Sep	56.75	71.30	0.00	0.000		126%	126%	14.55
	Oct	57.27	71.30	0.00	0.000		124%	124%	14.03
	Nov	57.67	71.30	0.00	0.000		124%	124%	13.63
	Dec	57.87	71.30	0.00	0.000		123%	123%	13.43
2024	Jan	56.41	69.30	0.00	0.000		123%	123%	12.89
	Feb	56.73	69.30	0.00	0.000		122%	122%	12.57
	Mar	57.20	69.30	0.00	0.000		121%	121%	12.10
	Apr	57.71	69.30	0.00	0.000		120%	120%	11.59
	May	58.24	69.30	0.00	0.000		119%	119%	11.06
	Jun	58.66	69.30	0.00	0.000		118%	118%	10.64
	Jul	59.23	69.30	0.00	0.000		117%	117%	10.07
	Aug	59.67	69.30	0.00	0.000		116%	116%	9.63
	Sep	60.20	69.30	0.00	0.000		115%	115%	9.10

	Oct	60.75	69.30	0.00	0.000		114%	114%	8.55
	Nov	61.17	69.30	0.00	0.000		113%	113%	8.13
	Dec	61.39	69.30	0.00	0.000		113%	113%	7.91
2025	Jan	59.67	69.30	0.00	0.000		116%	116%	9.63
	Feb	60.01	69.30	0.00	0.000		115%	115%	9.29
	Mar	60.50	69.30	0.00	0.000		115%	115%	8.80
	Apr	61.05	69.30	0.00	0.000		114%	114%	8.25
	May	61.60	69.30	0.00	0.000		112%	112%	7.70
	Jun	62.05	69.30	0.00	0.000		112%	112%	7.25
	Jul	62.65	69.30	0.00	0.000		111%	111%	6.65
	Aug	63.12	69.30	0.00	0.000		110%	110%	6.18
	Sep	63.67	69.30	0.00	0.000		109%	109%	5.63
	Oct	64.26	69.30	0.00	0.000		108%	108%	5.04
	Nov	64.70	69.30	0.00	0.000		107%	107%	4.60
	Dec	64.94	69.30	0.00	0.000		107%	107%	4.36
2026	Jan	62.94	69.30	0.00	0.000		110%	110%	6.36
	Feb	63.30	69.30	0.00	0.000		109%	109%	6.00
	Mar	63.82	69.30	0.00	0.000		109%	109%	5.48
	Apr	64.39	69.30	0.00	0.000		108%	108%	4.91
	May	64.98	69.30	0.00	0.000		107%	107%	4.32
	Jun	65.45	69.30	0.00	0.000		106%	106%	3.85
	Jul	66.09	69.30	0.00	0.000		105%	105%	3.21
	Aug	66.58	69.30	0.00	0.000		104%	104%	2.72
	Sep	67.16	69.30	0.00	0.000		103%	103%	2.14
	Oct	67.79	69.30	0.00	0.000		102%	102%	1.51
	Nov	68.25	69.30	0.00	0.000		102%	102%	1.05
	Dec	68.50	69.30	0.00	0.000		101%	101%	0.80
2027	Jan	66.22	69.30	0.00	0.000		105%	105%	3.08
	Feb	66.60	69.30	0.00	0.000		104%	104%	2.70
	Mar	67.15	69.30	0.00	0.000		103%	103%	2.15
	Apr	67.75	69.30	0.00	0.000		102%	102%	1.55

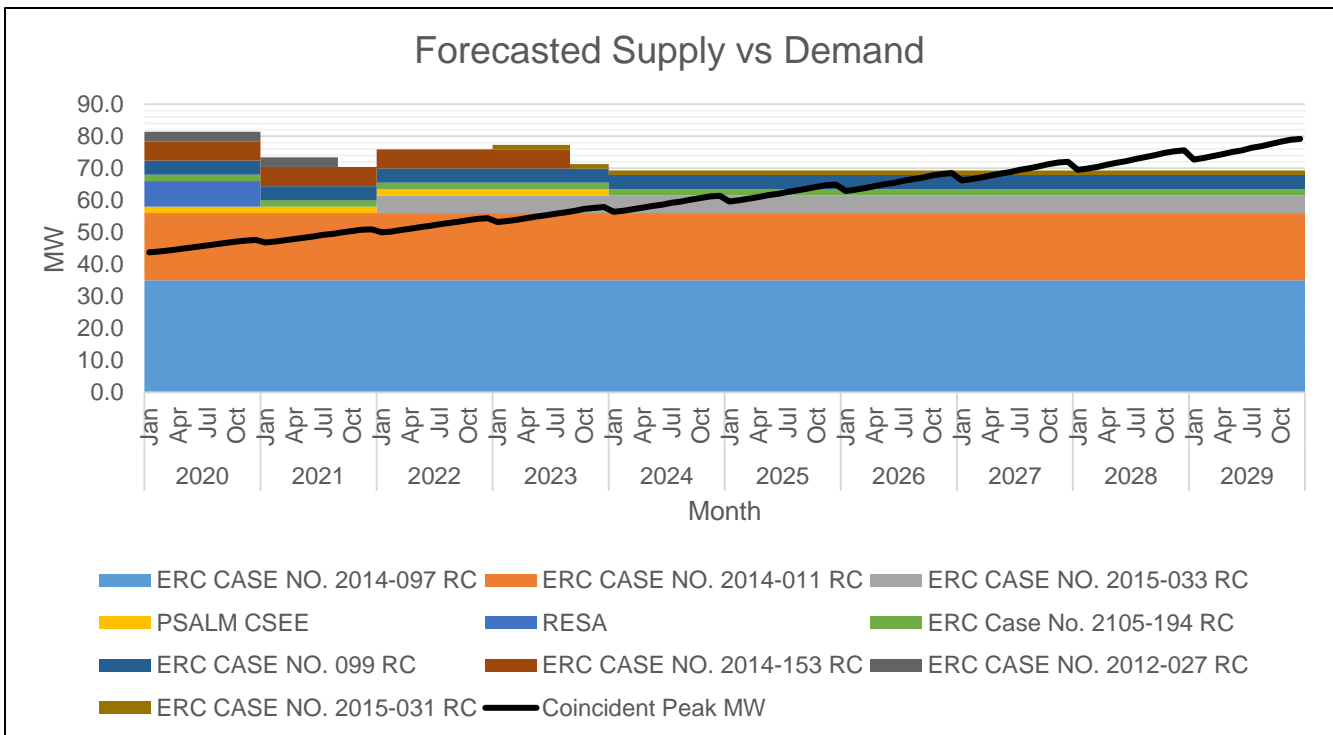
	May	68.37	69.30	0.00	0.000		101%	101%	0.93
	Jun	68.86	69.30	0.00	0.000		101%	101%	0.44
	Jul	69.53	69.30	0.00	0.000		100%	100%	-0.23
	Aug	70.05	69.30	0.00	0.000		99%	99%	-0.75
	Sep	70.66	69.30	0.00	0.000		98%	98%	-1.36
	Oct	71.32	69.30	0.00	0.000		97%	97%	-2.02
	Nov	71.81	69.30	0.00	0.000		97%	97%	-2.51
	Dec	72.07	69.30	0.00	0.000		96%	96%	-2.77
2028	Jan	69.50	69.30	0.00	0.000		100%	100%	-0.20
	Feb	69.90	69.30	0.00	0.000		99%	99%	-0.60
	Mar	70.47	69.30	0.00	0.000		98%	98%	-1.17
	Apr	71.10	69.30	0.00	0.000		97%	97%	-1.80
	May	71.75	69.30	0.00	0.000		97%	97%	-2.45
	Jun	72.27	69.30	0.00	0.000		96%	96%	-2.97
	Jul	72.97	69.30	0.00	0.000		95%	95%	-3.67
	Aug	73.51	69.30	0.00	0.000		94%	94%	-4.21
	Sep	74.16	69.30	0.00	0.000		93%	93%	-4.86
	Oct	74.85	69.30	0.00	0.000		93%	93%	-5.55
	Nov	75.37	69.30	0.00	0.000		92%	92%	-6.07
	Dec	75.63	69.30	0.00	0.000		92%	92%	-6.33
2029	Jan	72.77	69.30	0.00	0.000		95%	95%	-3.47
	Feb	73.18	69.30	0.00	0.000		95%	95%	-3.88
	Mar	73.79	69.30	0.00	0.000		94%	94%	-4.49
	Apr	74.45	69.30	0.00	0.000		93%	93%	-5.15
	May	75.13	69.30	0.00	0.000		92%	92%	-5.83
	Jun	75.67	69.30	0.00	0.000		92%	92%	-6.37
	Jul	76.40	69.30	0.00	0.000		91%	91%	-7.10
	Aug	76.97	69.30	0.00	0.000		90%	90%	-7.67
	Sep	77.65	69.30	0.00	0.000		89%	89%	-8.35
	Oct	78.37	69.30	0.00	0.000		88%	88%	-9.07
	Nov	78.91	69.30	0.00	0.000		88%	88%	-9.61

	Dec	79.19	69.30	0.00	0.000		88%	88%	-9.89
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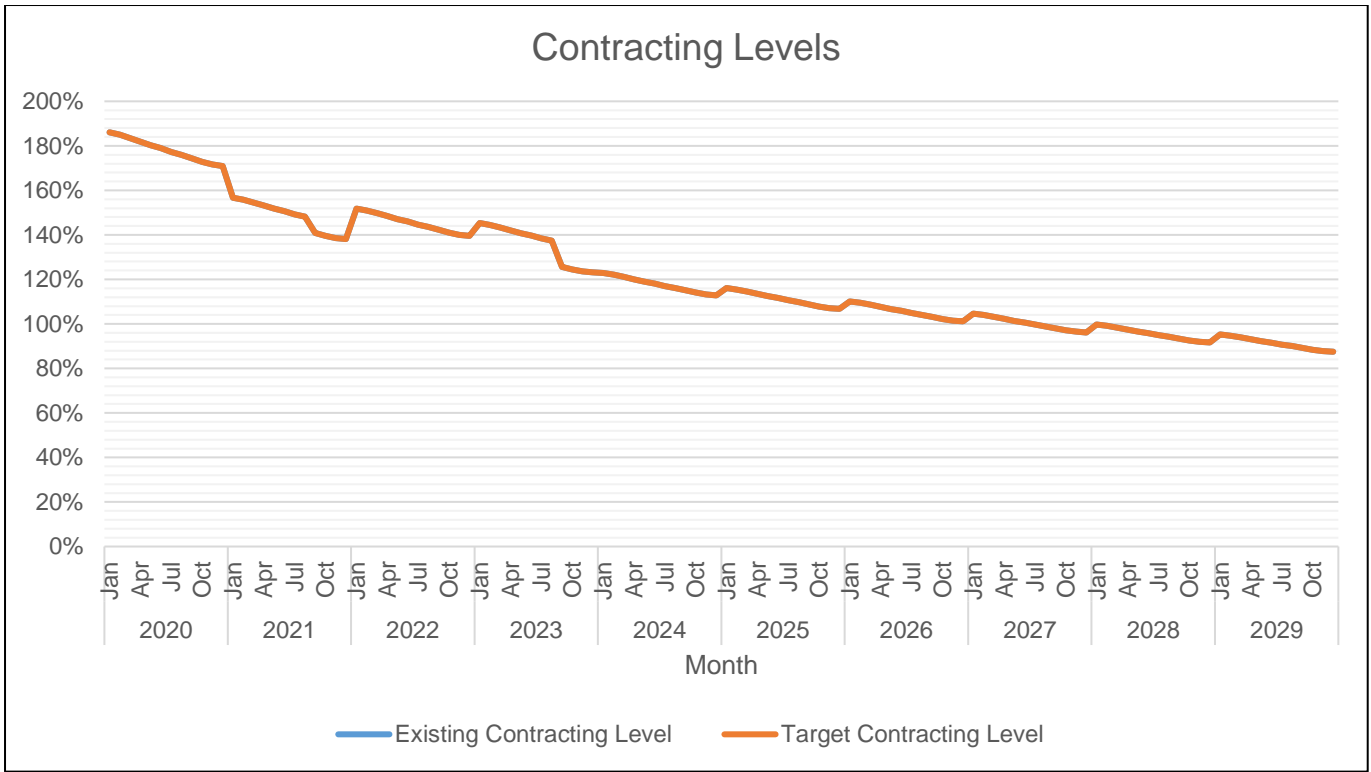
The Peak Demand was forecasted using Time Series Linear Method and was assumed to occur on the month of December from the year 2020 to year 2029 due to additional load and consumption during the holidays. Monthly Peak Demand is at its lowest on every month of January from 2020 and expected also until 2029 due to end of the holidays and resumption of businesses and offices. In general, Peak Demand is expected to grow at a rate of 5.49% annually from 2020 to 2029.



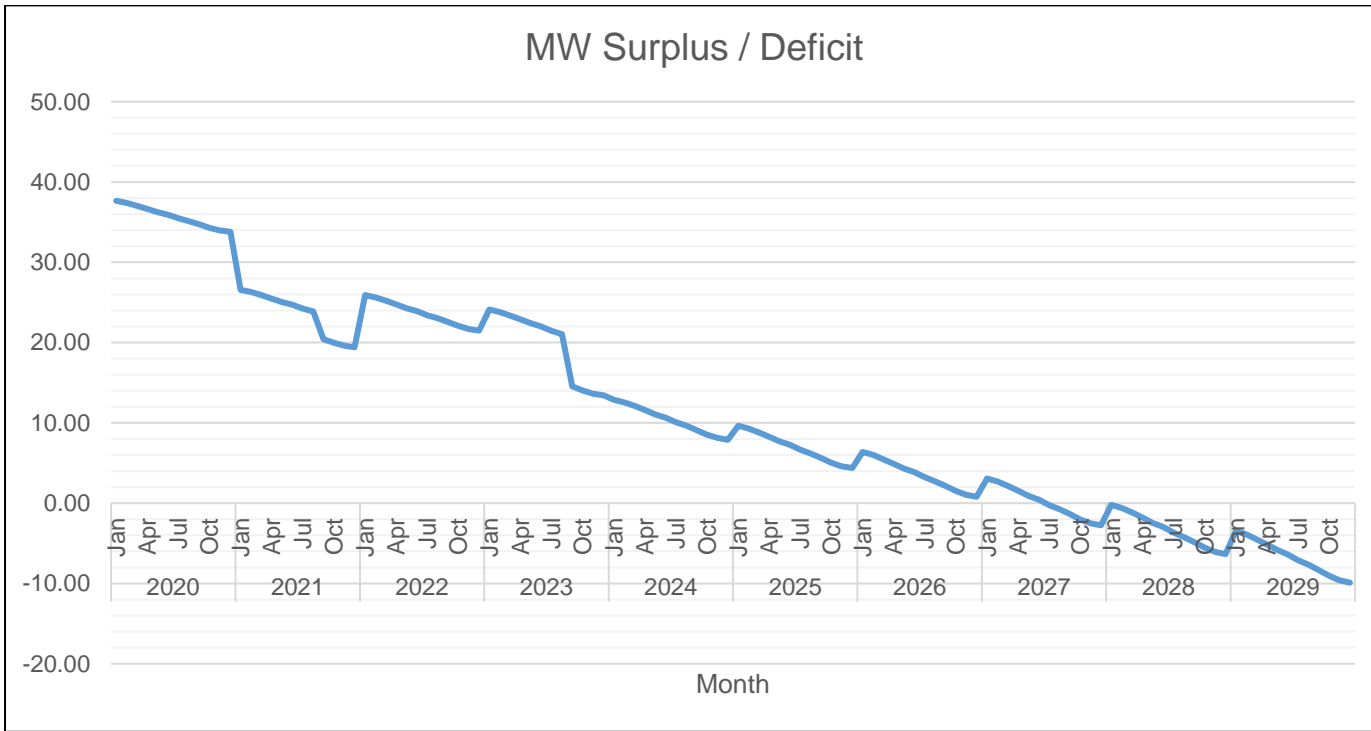
The available supply as contracted is generally above the EC's Peak Demand. This graph shows that there is enough supply in case additional loads are in operation already. Power supply is fairly stable from year 2020 to year 2029.



Of the available supply, the largest is 35 MW from FDC. This is followed by 21MW from GNPk then NPC-PSALM and subsequently followed by AGEC, KEGI2, KEGI1, BPC1 and BPC2.



Currently, there is over-contracting by 37.65 MW. With this graph, there will be a decrease in contracted capacity compared to the projected demand by 2029 since contracts of the peaking plants are then ended or expired.



The highest surplus is 37.65 MW which is expected to occur on the month of January 2020. The lowest surplus is .44 MW which is expected to occur on the month of June 2027.

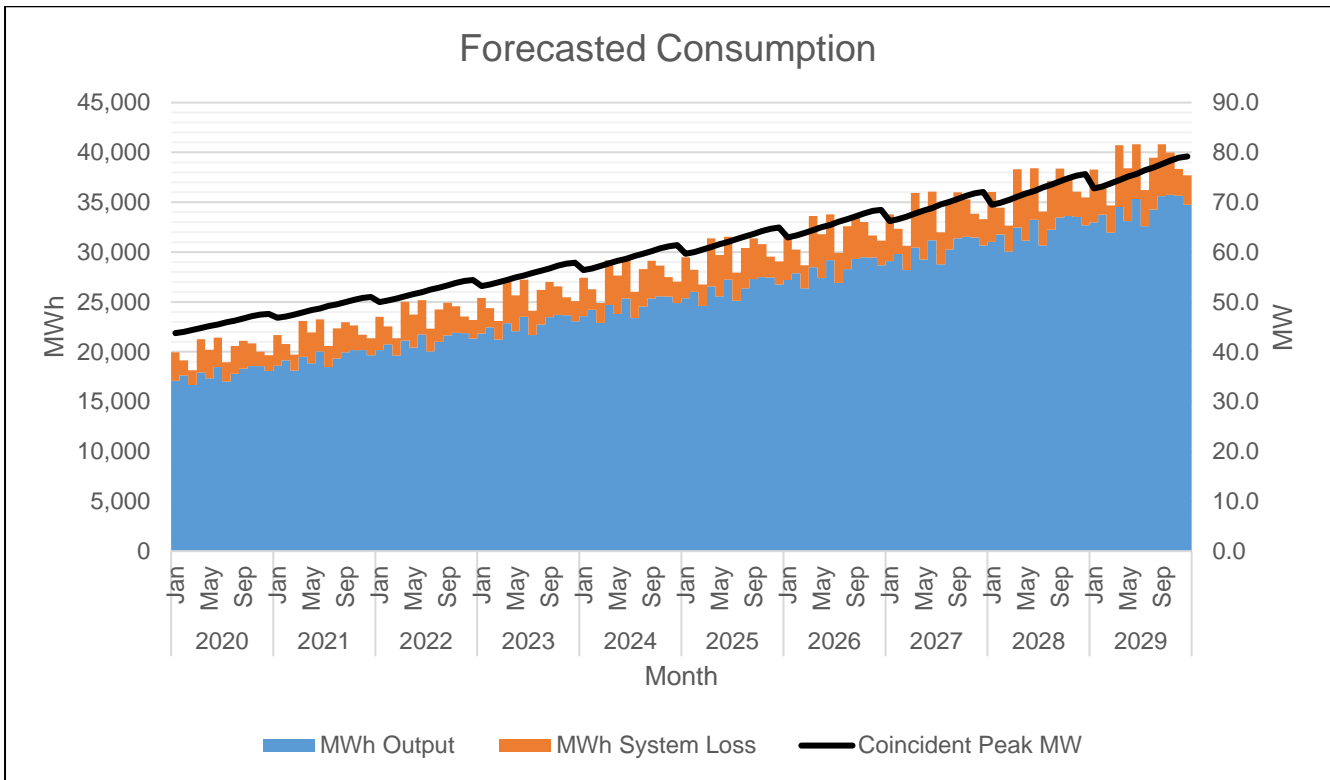
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2020	Jan	43,860	17,100	2,845	54.53%	14.26%
	Feb	43,860	17,618	1,526	56.35%	7.97%
	Mar	43,860	16,672	1,479	58.62%	8.15%
	Apr	43,860	17,928	3,328	51.53%	15.66%
	May	43,860	17,348	2,854	53.94%	14.13%
	Jun	43,860	18,464	2,951	51.17%	13.78%
	Jul	43,860	17,015	1,947	56.77%	10.27%
	Aug	43,860	17,792	2,778	53.10%	13.50%
	Sep	43,860	18,305	2,804	51.87%	13.28%
	Oct	43,860	18,570	2,275	52.47%	10.91%
	Nov	43,860	18,557	1,441	54.41%	7.21%
	Dec	43,860	18,073	1,594	55.16%	8.10%
2021	Jan	42,657	18,590	3,077	49.21%	14.20%
	Feb	42,657	19,136	1,651	51.27%	7.94%
	Mar	42,657	18,106	1,600	53.80%	8.12%
	Apr	42,657	19,484	3,601	45.88%	15.60%
	May	42,657	18,835	3,087	48.61%	14.08%
	Jun	42,657	20,054	3,193	45.50%	13.73%
	Jul	42,657	18,482	2,106	51.74%	10.23%
	Aug	42,657	19,346	3,005	47.60%	13.45%
	Sep	41,957	19,928	3,034	45.27%	13.21%
	Oct	41,957	20,183	2,461	46.03%	10.87%
	Nov	41,957	20,165	1,559	48.22%	7.18%
	Dec	41,957	19,645	1,724	49.07%	8.07%
2022	Jan	45,100	20,173	3,324	47.90%	14.15%
	Feb	45,100	20,749	1,784	50.04%	7.92%
	Mar	45,100	19,628	1,728	52.65%	8.09%
	Apr	45,100	21,137	3,889	44.51%	15.54%
	May	45,100	20,412	3,334	47.35%	14.04%
	Jun	45,100	21,741	3,448	44.15%	13.69%
	Jul	45,100	20,037	2,274	50.53%	10.19%
	Aug	45,100	20,995	3,246	46.25%	13.39%
	Sep	45,100	21,653	3,276	44.72%	13.14%
	Oct	45,100	21,896	2,658	45.56%	10.83%
	Nov	45,100	21,872	1,684	47.77%	7.15%
	Dec	45,100	21,312	1,862	48.62%	8.04%
2023	Jan	43,640	21,836	3,581	41.76%	14.09%
	Feb	43,640	22,440	1,922	44.18%	7.89%
	Mar	43,640	21,226	1,861	47.10%	8.06%
	Apr	43,640	22,873	4,190	37.98%	15.48%
	May	43,640	22,064	3,593	41.21%	14.00%
	Jun	43,640	23,509	3,715	37.62%	13.65%
	Jul	43,640	21,669	2,451	44.73%	10.16%
	Aug	43,640	22,724	3,497	39.91%	13.34%

	Sep	42,440	23,464	3,530	36.39%	13.08%
	Oct	42,440	23,694	2,864	37.42%	10.78%
	Nov	42,440	23,663	1,814	39.97%	7.12%
	Dec	42,440	23,061	2,006	40.93%	8.00%
2024	Jan	42,440	23,568	3,849	35.40%	14.04%
	Feb	42,440	24,200	2,065	38.11%	7.86%
	Mar	42,440	22,890	2,000	41.35%	8.04%
	Apr	42,440	24,680	4,503	31.24%	15.43%
	May	42,440	23,782	3,861	34.87%	13.97%
	Jun	42,440	25,346	3,993	30.87%	13.61%
	Jul	42,440	23,366	2,634	38.74%	10.13%
	Aug	42,440	24,523	3,759	33.36%	13.29%
	Sep	42,440	25,350	3,794	31.33%	13.02%
	Oct	42,440	25,565	3,078	32.51%	10.75%
	Nov	42,440	25,526	1,950	35.26%	7.10%
	Dec	42,440	24,880	2,156	36.30%	7.98%
2025	Jan	42,440	25,359	4,125	30.53%	13.99%
	Feb	42,440	26,019	2,214	33.48%	7.84%
	Mar	42,440	24,610	2,144	36.96%	8.01%
	Apr	42,440	26,549	4,826	26.07%	15.38%
	May	42,440	25,556	4,138	30.03%	13.94%
	Jun	42,440	27,244	4,279	25.72%	13.58%
	Jul	42,440	25,120	2,823	34.16%	10.10%
	Aug	42,440	26,381	4,028	28.35%	13.25%
	Sep	42,440	27,300	4,066	26.09%	12.96%
	Oct	42,440	27,500	3,299	27.43%	10.71%
	Nov	42,440	27,453	2,090	30.39%	7.07%
	Dec	42,440	26,759	2,311	31.50%	7.95%
2026	Jan	42,440	27,202	4,409	25.52%	13.95%
	Feb	42,440	27,891	2,366	28.71%	7.82%
	Mar	42,440	26,381	2,292	32.44%	7.99%
	Apr	42,440	28,474	5,159	20.75%	15.34%
	May	42,440	27,380	4,423	25.06%	13.91%
	Jun	42,440	29,196	4,574	20.43%	13.54%
	Jul	42,440	26,925	3,017	29.45%	10.08%
	Aug	42,440	28,292	4,305	23.19%	13.21%
	Sep	42,440	29,306	4,346	20.71%	12.91%
	Oct	42,440	29,491	3,526	22.20%	10.68%
	Nov	42,440	29,434	2,233	25.38%	7.05%
	Dec	42,440	28,691	2,470	26.58%	7.93%
2027	Jan	42,440	29,093	4,699	20.38%	13.91%
	Feb	42,440	29,809	2,522	23.82%	7.80%
	Mar	42,440	28,196	2,443	27.81%	7.97%
	Apr	42,440	30,446	5,499	15.30%	15.30%
	May	42,440	29,248	4,714	19.98%	13.88%
	Jun	42,440	31,194	4,875	15.01%	13.52%
	Jul	42,440	28,773	3,216	24.62%	10.05%

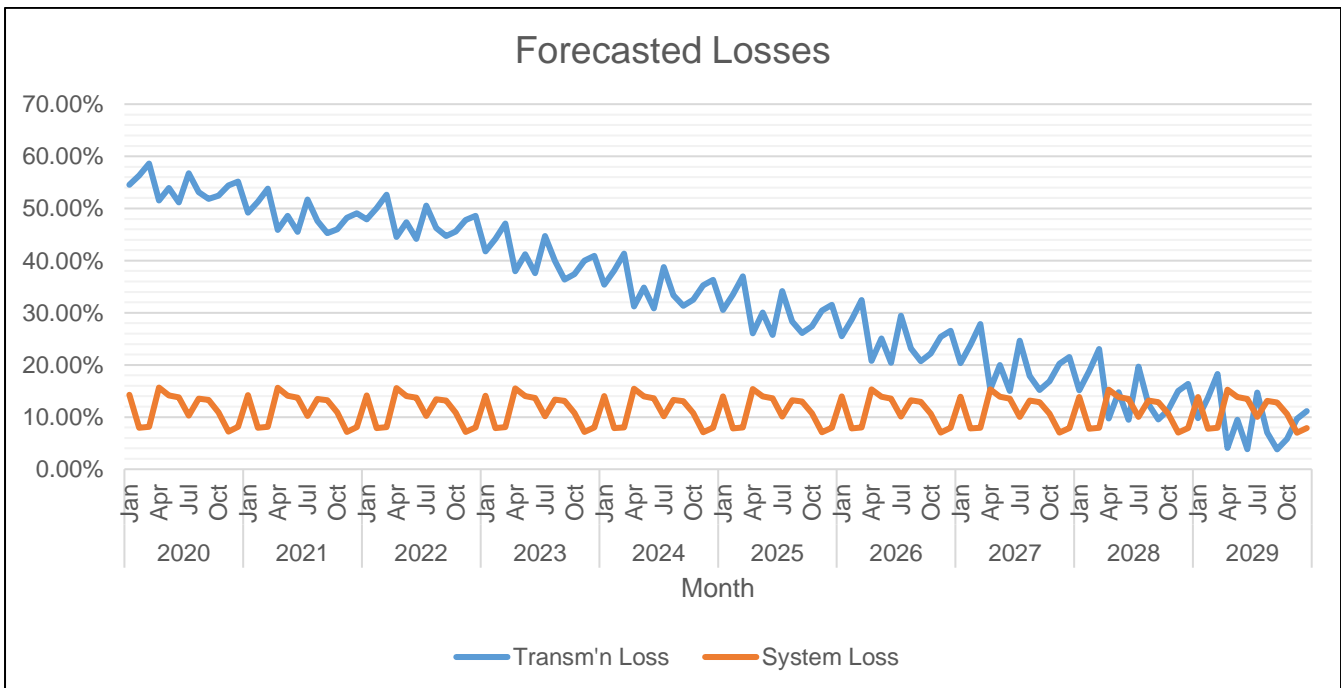


	Aug	42,440	30,249	4,589	17.91%	13.17%
	Sep	42,440	31,363	4,632	15.19%	12.87%
	Oct	42,440	31,531	3,758	16.85%	10.65%
	Nov	42,440	31,465	2,381	20.25%	7.03%
	Dec	42,440	30,670	2,633	21.53%	7.91%
2028	Jan	42,440	31,025	4,996	15.12%	13.87%
	Feb	42,440	31,768	2,681	18.83%	7.78%
	Mar	42,440	30,051	2,597	23.07%	7.95%
	Apr	42,440	32,463	5,846	9.73%	15.26%
	May	42,440	31,155	5,012	14.78%	13.86%
	Jun	42,440	33,234	5,183	9.48%	13.49%
	Jul	42,440	30,661	3,419	19.70%	10.03%
	Aug	42,440	32,247	4,879	12.52%	13.14%
	Sep	42,440	33,463	4,925	9.55%	12.83%
	Oct	42,440	33,616	3,996	11.38%	10.62%
	Nov	42,440	33,539	2,531	15.01%	7.02%
	Dec	42,440	32,690	2,799	16.38%	7.89%
2029	Jan	42,440	32,994	5,298	9.77%	13.84%
	Feb	42,440	33,765	2,843	13.74%	7.77%
	Mar	42,440	31,942	2,754	18.25%	7.94%
	Apr	42,440	34,518	6,200	4.06%	15.23%
	May	42,440	33,096	5,315	9.49%	13.84%
	Jun	42,440	35,311	5,497	3.85%	13.47%
	Jul	42,440	32,584	3,626	14.68%	10.01%
	Aug	42,440	34,282	5,174	7.03%	13.11%
	Sep	42,440	35,604	5,223	3.80%	12.79%
	Oct	42,440	35,740	4,237	5.80%	10.60%
	Nov	42,440	35,652	2,684	9.67%	7.00%
	Dec	42,440	34,747	2,968	11.13%	7.87%

MWh Offtake was forecasted using Time Series Linear Method. The assumed load factor is 62%.



MWh Output was expected to grow at a rate of 7.02% annually. Consumption as projected will increase in the succeeding years due to the additional consumers and its consumptions both big loads and households.



Transmission Loss is expected to range from 54.53% to 11.13% while System Loss is expected to range/ vary from 14.26% to 7.87%.

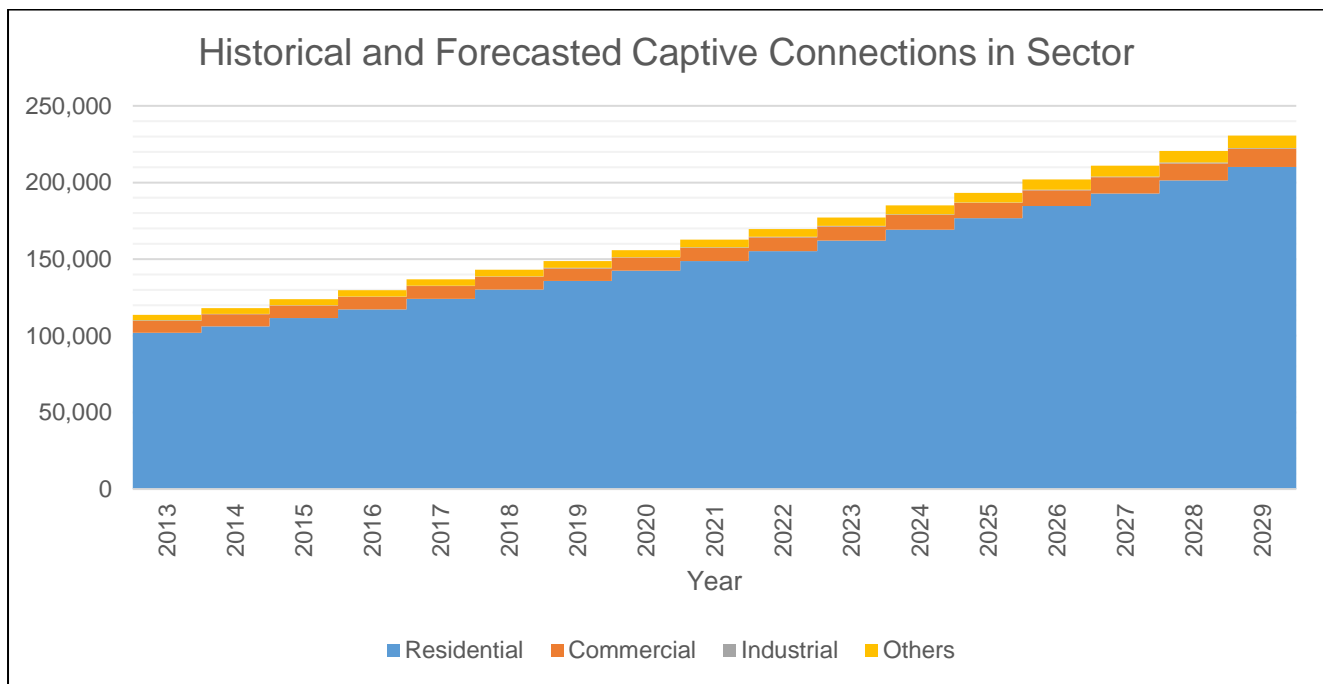
## Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
ERC Case No. 2015-194 RC	Peaking	Bukidnon Power Corporation	2.00	3,500	3/1/2017	3/1/2031
ERC CASE NO. 2015-099 RC	Peaking	Bukidnon Power Corporation	4.40	6,533	2/1/2016	2/1/2030
RESA	Intermediate	Asian Greenenergy Corporation	8.00	14,438	3/1/2017	12/1/2020
ERC CASE NO. 2014-153 RC	Peaking	King Energy Generation, Inc.	6.00	14,400	8/1/2015	8/1/2023
ERC CASE NO. 2014-097 RC	Base	FDC Misamis Power Corporation	35.00	306,000	8/1/2016	8/1/2037
ERC CASE NO. 2014-011 RC	Base	GN Power Kauswagan Ltd.	21.57	165,560	5/1/2019	5/1/2037
ERC CASE NO. 2012-027 RC	Peaking	King Energy Generation, Inc.	3.00	8,400	8/1/2012	8/1/2021
ERC CASE NO. 2015-039 RC	Base	Other	5.50	31,220	8/1/2022	8/1/2037
ERC CASE NO. 2015-031 RC	Peaking	Other	1.40	6,500	1/1/2023	1/1/2037
PSALM CSEE	Base	Power Sector Assets and Liabilities Management Corporation	2.00	17,520	1/1/2020	12/31/2022

1. The PSA with Bukidnon Power Corporation filed with ERC under Case No. 2015-194 RC was provisionally approved on August 31, 2017. The contracted capacity is 2MW with 3,500MWh annually as minimum contracted energy. Its contract with FIBECO is from March 1, 2017 and will end on March 1, 2031.
2. The PSA with Bukidnon Power Corporation filed with ERC under Case No. 2015-099 RC was approved on August 27, 2015. The contracted capacity is 4.40MW with 6,533 MWh as minimum contracted energy. Its contract with FIBECO is from February 1, 2016 and will end on February 1, 2030.
3. The RESA with Asian Greenenergy Corporation (AGEC) filed with ERC was contracted through Renewable Energy Supply Agreement. Contracted capacity is 8MW and 14,438 MWh as minimum contracted energy.
4. The PSA with King Energy Generation, Inc. filed with ERC under Case No. 2014-153 RC was approved on January 12, 2017. Contracted capacity is 6MW and 14,400MWh as minimum contracted energy. Its contract with FIBECO is from August 1, 2015 to August 1, 2023.
5. The PSA with FDC Misamis Power Corporation filed with ERC under Case No. 2014-097 RC was approved on May 24, 2018. Contracted capacity is 35MW with 306,000 MWh as minimum contracted energy. Its contract with FIBECO is from August 1, 2016 and will end on August 1, 2037.

6. The PSA with GN Power Kauswagan Ltd. filed with ERC under Case No. 2014-011 RC was approved on May 28, 2014. Contracted capacity is 21.57MW with 165,560MWh as minimum contracted energy. Its contract with FIBECO is from May 1, 2019 and will end on May 1, 2037.
7. The PSA with King Energy Generation, Inc. filed with ERC under Case No. 2012-027 RC was approved on July 23, 2012. Contracted capacity is 3.2MW with 8,400MWh as minimum contracted energy. Its contract with FIBECO is from August 1, 2012 and will end on August 1, 2021.
8. The PSA with OTHER filed with ERC under Case No. 2015-039 RC was approved on July 9, 2015. Contracted capacity is 5.50MW with 31,220MWh as minimum contracted energy. Its contract with FIBECO will be from August 1, 2022 to August 1, 2037.
9. The PSA with OTHER filed with ERC under Case No. 2015-031 RC was approved on June 16, 2015. Contracted capacity is 1.40MW with 6,500MWh as minimum contracted energy. Its contract with FIBECO will be from January 1, 2023 to January 1, 2037.
10. Contract Supply Electric Energy (CSEE) with NPC-PSALM is renewed annually every month of August. FIBECO's contracted capacity with NPC-PSALM is 2MW with 17,520MWh contracted energy annually.

# Captive Customer Connections



The number of Residential connections is expected to grow at a rate of 5.1% annually. Said customer class is expected to account for 91.18% of the total number of consumers.