

Power Supply Procurement Plan 2020

ILIGAN LIGHT & POWER, INC.

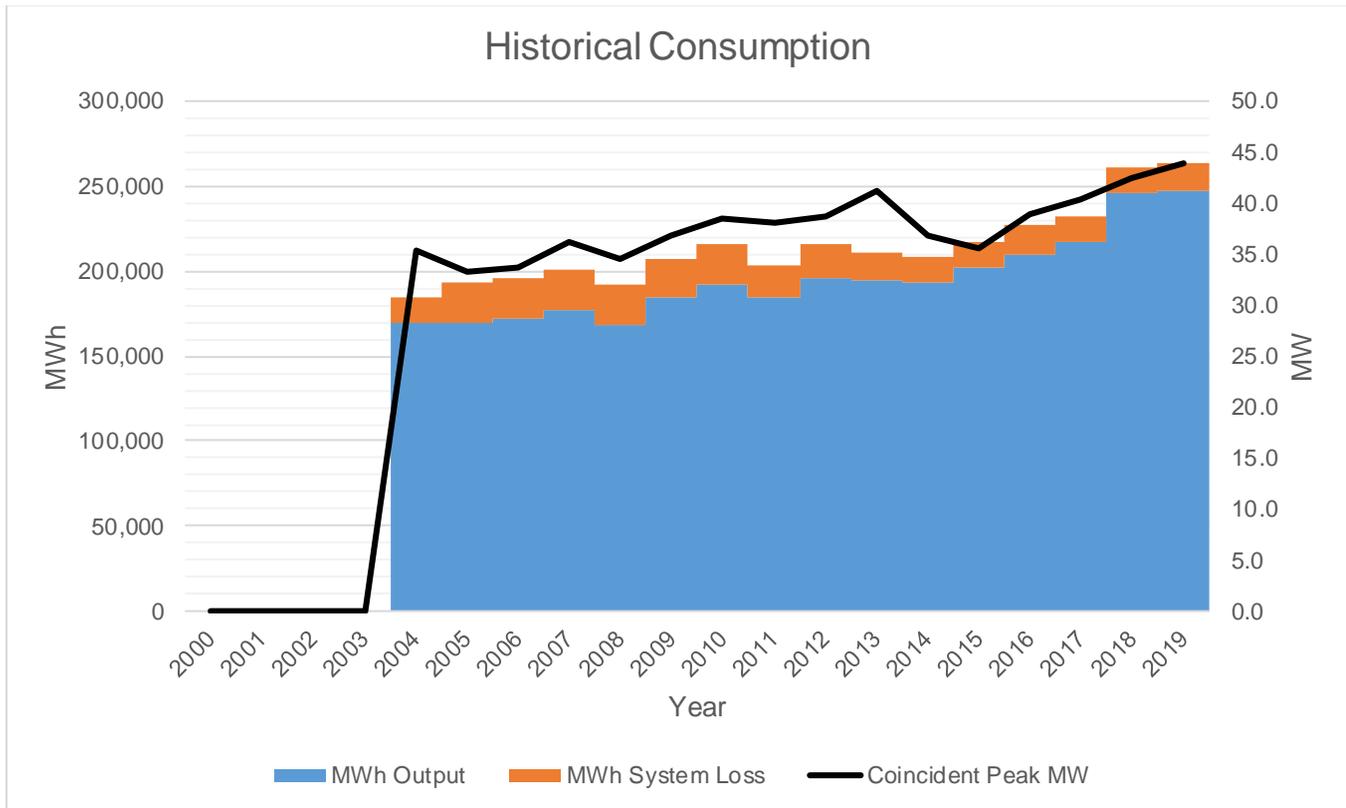
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Transmission Loss	System Loss
2000	-	-	-	-	-	-	-	-	-
2001	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-
2004	35.30	184,372	0	184,372	169,755	14,617	60%	0.00%	7.93%
2005	33.25	193,158	0	193,158	170,076	23,082	66%	0.00%	11.95%
2006	33.68	195,905	0	195,905	172,436	23,469	66%	0.00%	11.98%
2007	36.14	200,622	0	200,622	176,792	23,830	63%	0.00%	11.88%
2008	34.55	192,510	0	192,510	168,267	24,243	64%	0.00%	12.59%
2009	36.86	206,879	0	206,879	184,293	22,586	64%	0.00%	10.92%
2010	38.43	216,333	0	216,333	192,565	23,768	64%	0.00%	10.99%
2011	37.99	203,518	0	203,518	184,679	18,839	61%	0.00%	9.26%
2012	38.78	215,499	0	215,499	196,044	19,455	63%	0.00%	9.03%
2013	41.26	211,915	0	211,315	194,140	17,175	58%	0.28%	8.13%
2014	36.78	210,081	0	208,460	192,721	15,739	65%	0.77%	7.55%
2015	35.64	216,437	0	217,065	202,593	14,472	70%	-0.29%	6.67%
2016	38.81	225,872	0	227,730	210,216	17,514	67%	-0.82%	7.69%
2017	40.37	228,384	0	231,782	216,996	14,786	66%	-1.49%	6.38%
2018	42.54	261,862	0	261,542	245,752	15,790	70%	0.12%	6.04%
2019	43.90	262,188	0	263,438	246,680	16,759	68%	-0.48%	6.36%

ILPI's peak demand continuously increases over time with an average growth rate of 5.37% per year starting 2015 (35.64 MW) to 2019 (43.90 MW) due to comparative increase in the number of customers in residential and industrial. Correspondingly, energy purchased also increases at an average rate of 5.06% per year starting 2015 (216,437 MWh) to 2019 (262,188 MWh) due to the 45.75% increased energy sales on industrial customers during the year 2018 and the continuous increase in energy sales on residential customers every year from 2015 to 2019. Within the same period, Load Factor ranged from 58% to 70%.

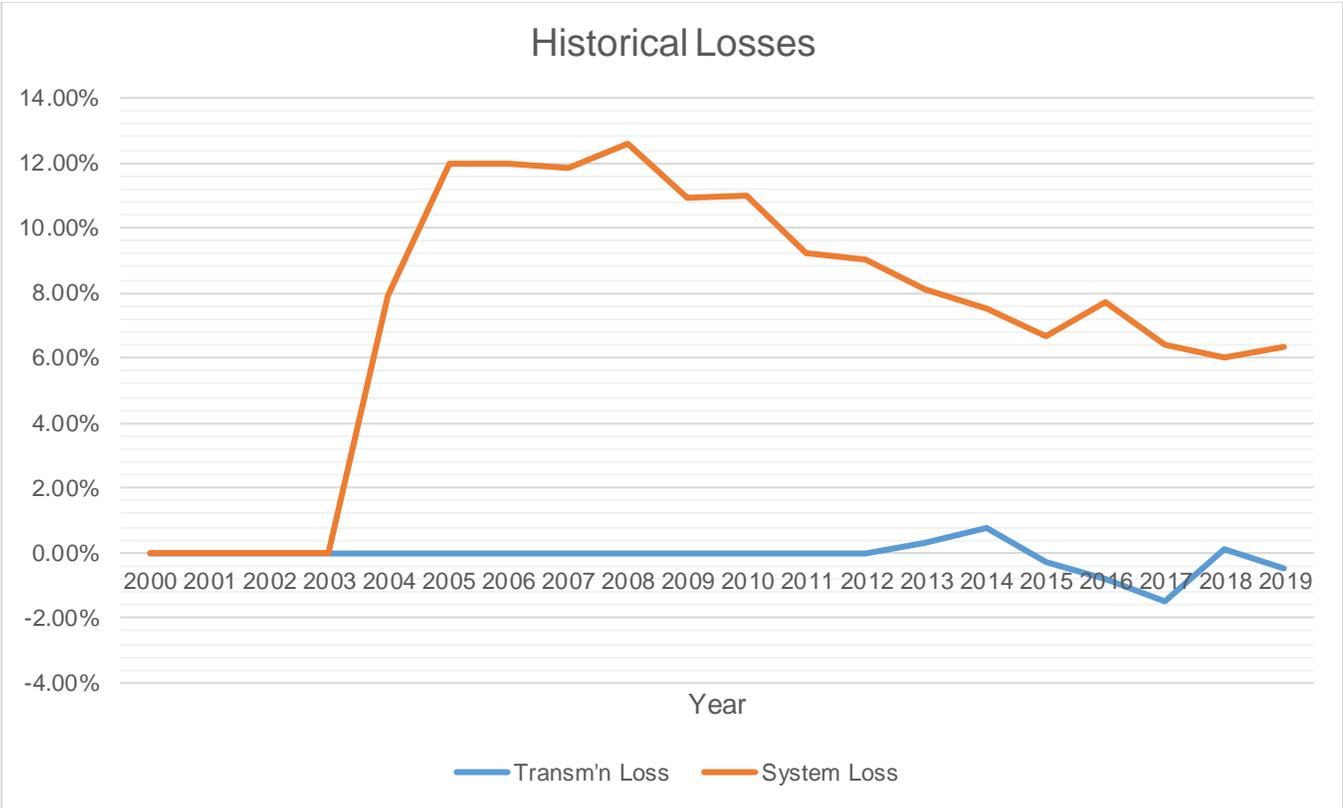
No available data from year 2000 to 2003.

Transmission Loss was at 0.00% for the periods 2004 to 2012 because during these years PSALM was the only grid connected power supplier of ILPI, and PSALM's energy delivery was measured at NGCP's metering points, the same energy used as MWh Inputs for ILPI. Negative transmission losses for years 2015 onward were due to generators under billing.

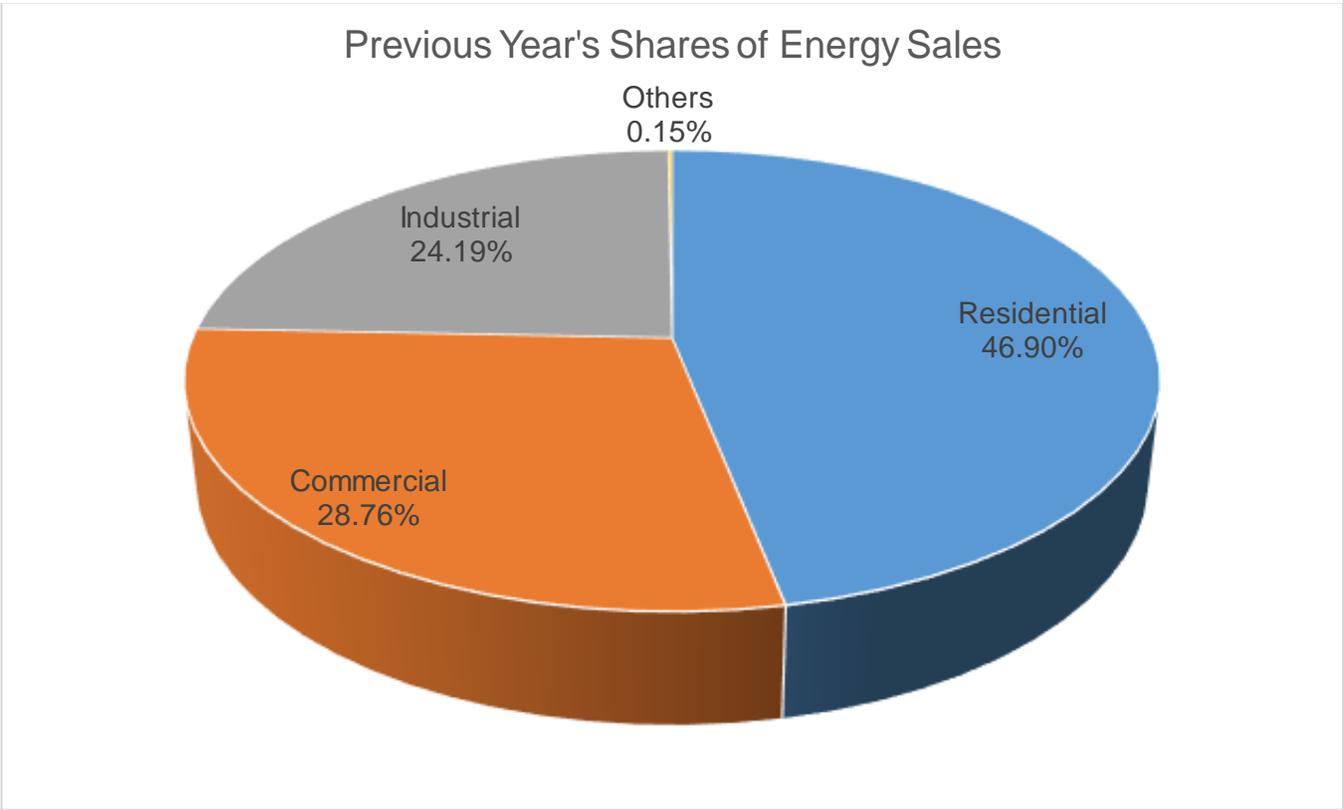


MWh Output increased from year 2015 to year 2019 at an average rate of 5.15%, while MWh System Loss increased at an average rate of 4.59% within the same period.

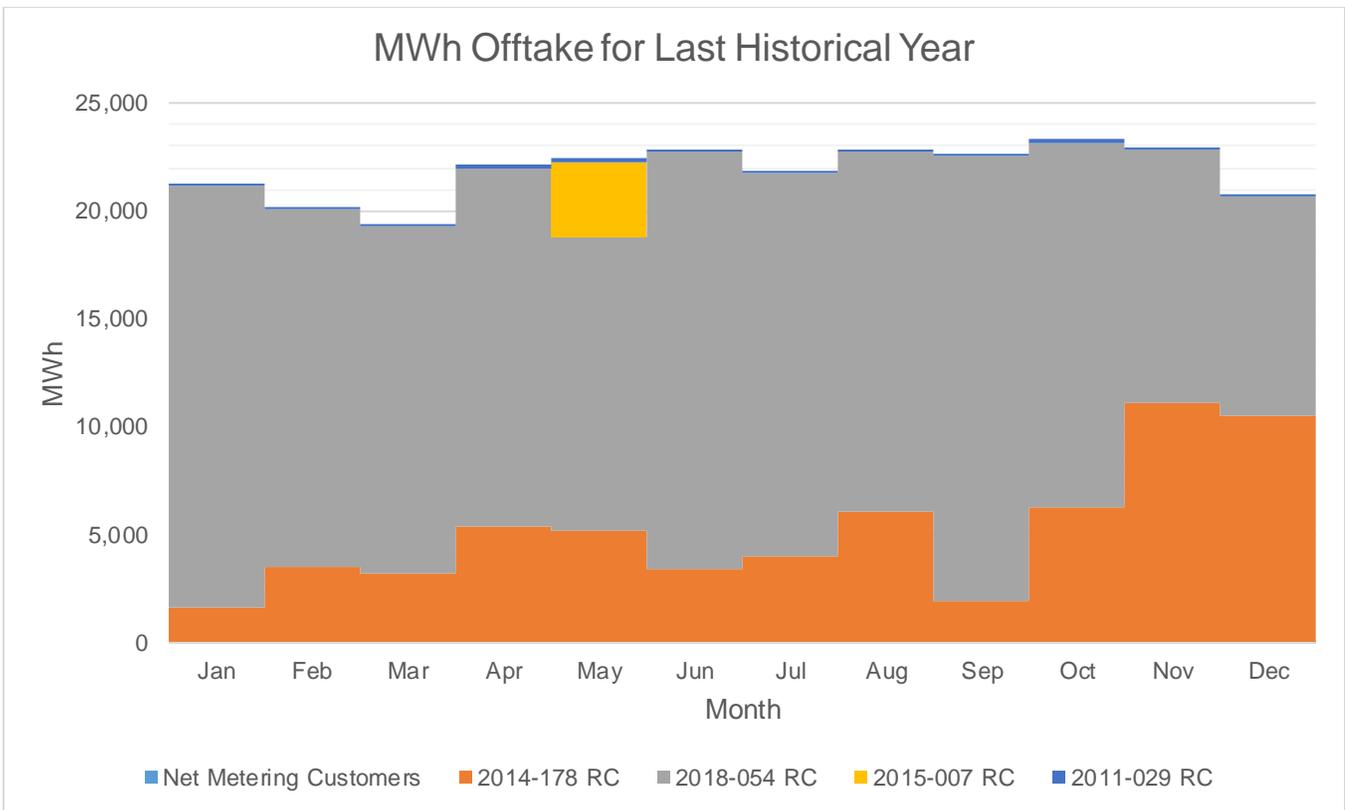
The significant drop of Coincident Peak (MW) in 2013 to 2015 is attributable to operational slowdown/shutdown of ILPI's two (2) largest industrial plants, namely GRANEX and ILICOCO.



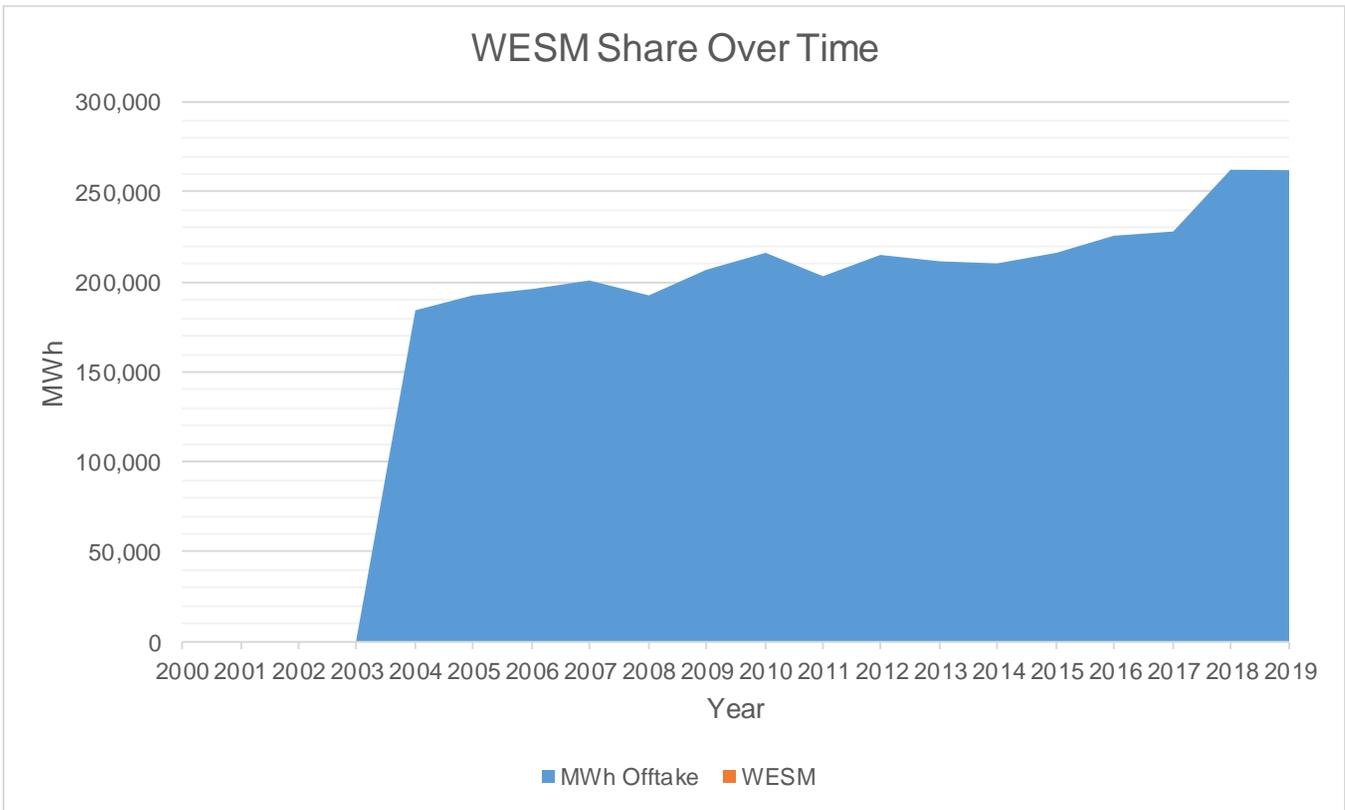
Transmission Loss ranged from -1.49% to 0.77%. Transmission Loss peaked at 0.77% on year 2014 while negative transmission losses for years 2015 onward were due to generators under billing. Transmission Loss was at 0.00% for the period starting from 2004 to 2012 because during these years PSALM was the only grid connected power supplier of ILPI, and PSALM's energy delivery was measured at NGCP's metering points, the same energy used as MWh Inputs for ILPI. ILPI's System Loss ranged from 6.04% to 12.59%. System Loss peaked at 12.59% on year 2008 and it has significantly reduced to 6.36% in year 2019. This reduction can be attributed to ILPI's implementation of its comprehensive System loss Programs.



ILPI's residential customers contributed the largest energy sales in 2019, considering that 88% of its registered customers are classified as residential.

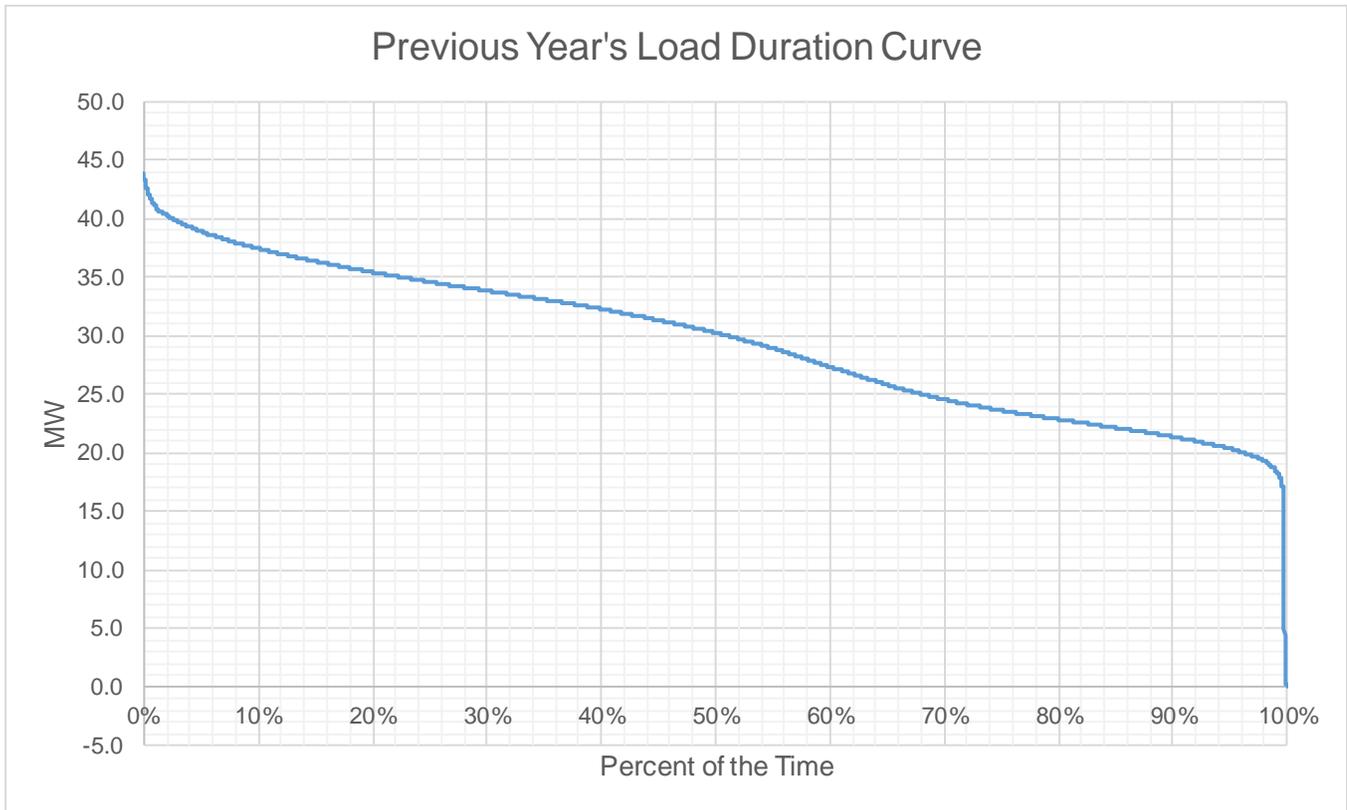


The table above shows that most of ILPI's dispatched energy from previous year is from PSALM (2018-054 RC) and Sarangani Energy Corporation (2014-178 RC).

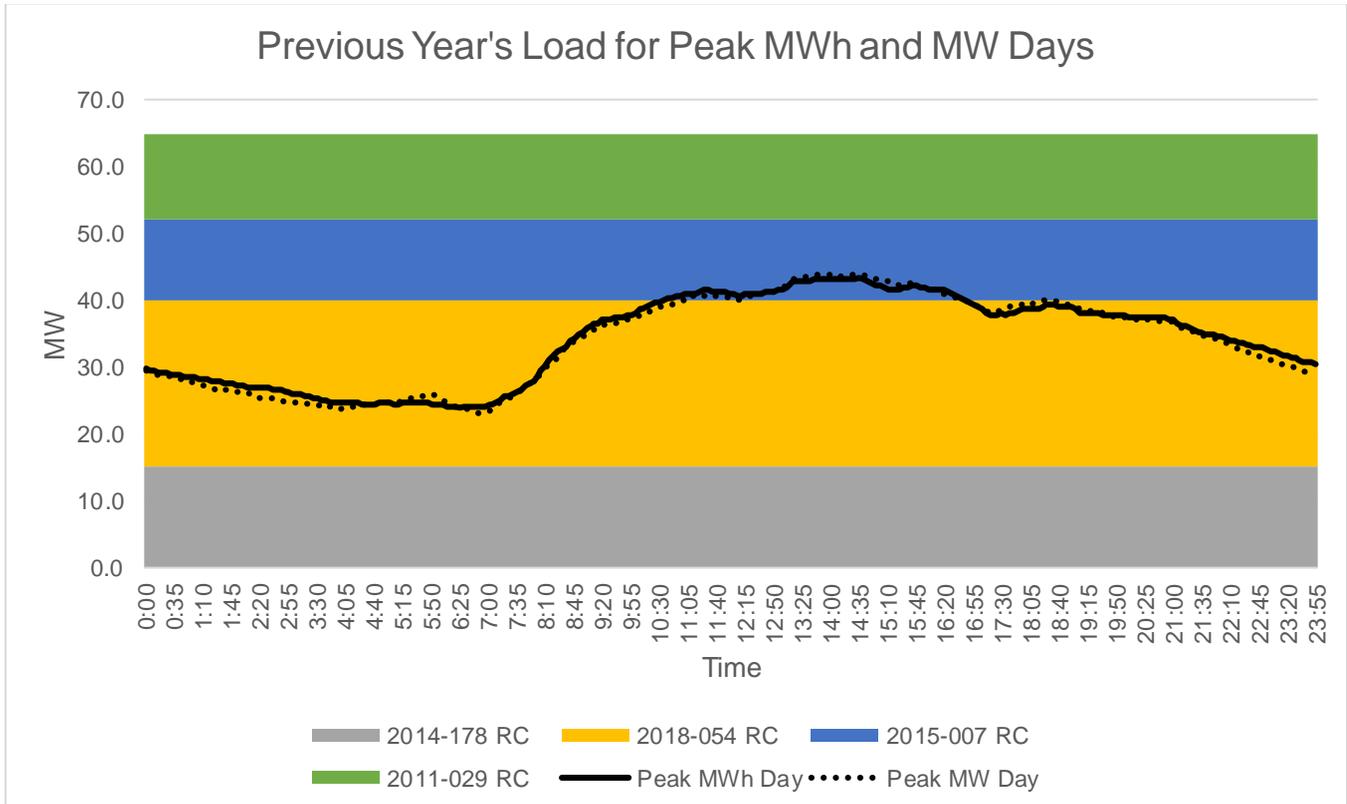


WESM has yet to commercially operate in Mindanao.

Previous Year's Load Profile

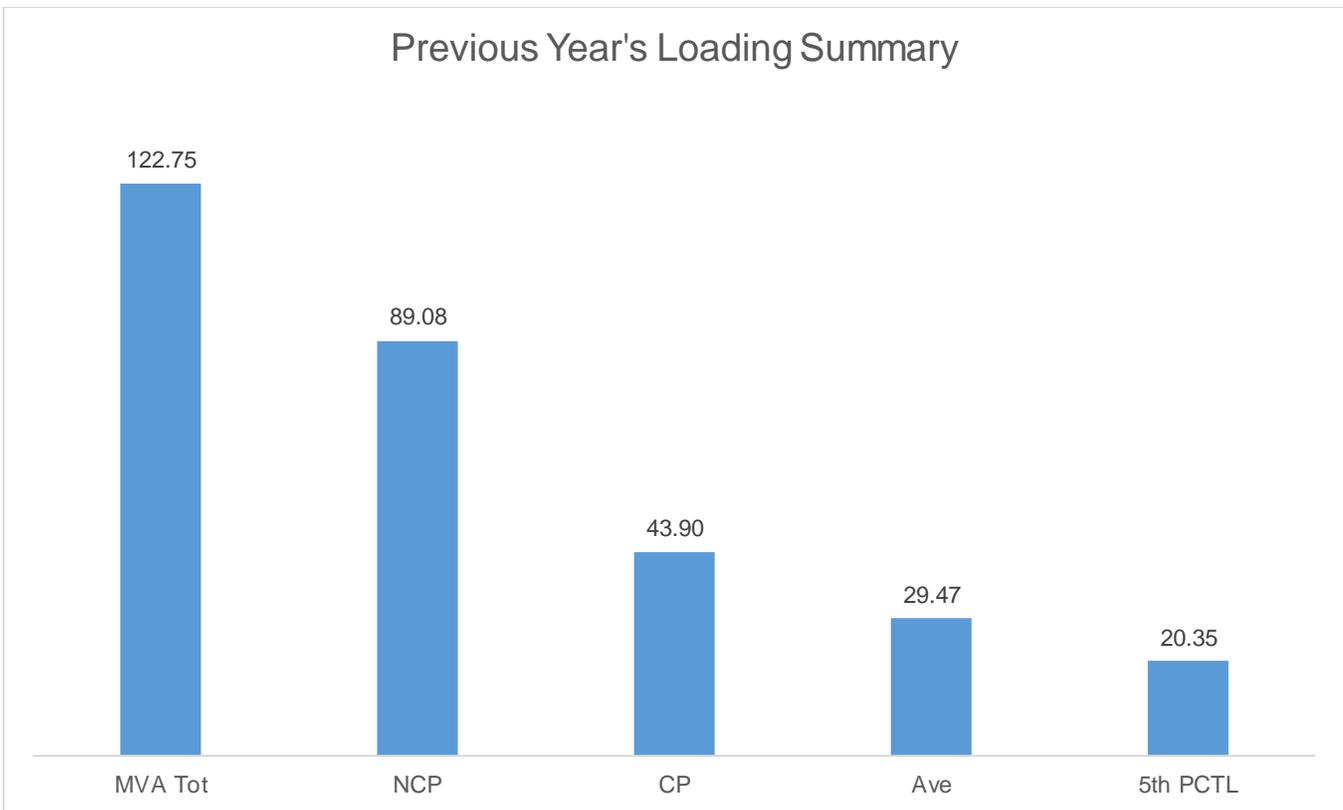


Based on the Load Duration Curve, the minimum load is 20 MW and the maximum load is 44 MW for the last historical year. ILPI's average load is at 30 MW (50% of the time).



ILPI's 2019 peak demand typically occurs at hour 14:00 (2:00 PM) which registered at 43.90 MW. This is normally driven by commercial and industrial loads. As shown in the Load Curves, the available supply is higher than the Peak Demand.

Previous Year's Loading Summary



The Non-coincident Peak Demand is 89.08 MW, which is 72.57% of the total substation capacity of 122.75 MVA at a unity power factor. The load factor or the ratio between the Average Load of 29.47 MW and the Non-coincident Peak Demand is 33.08%. A safe estimate of the true minimum load is the fifth percentile load of 20.35 MW which is 22.84% of the Non-coincident Peak Demand.

Metering Point	Metering point Load Limit (MVA)	Peak Demand Registration (MW)
M1 Overton	10	9.753
M3 Puga-an	63	33.508
M4 Acmac	25	20.823
MEGC	12.75	12.491
PSPEI	12	12.503

The metering points loaded at above 70% are M1 Overton, M4 Acmac, MEGC, and PSPEI. However, MEGC and PSPEI are substations owned by embedded generators and are designed to operate at their maximum loading. Loading problem of M1 Overton (97.53% loading) and M4 Acmac (83.29% loading) will be solved by conductor upgrading.

Forecasted Supply and Demand 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	38.44	64.75	0.00	0.000		168%	168%	26.31
	Feb	39.98	64.75	0.00	0.000		162%	162%	24.77
	Mar	36.89	64.75	0.00	0.000		176%	176%	27.87
	Apr	30.90	64.75	0.00	0.000		210%	210%	33.85
	May	34.58	64.75	0.00	0.000		187%	187%	30.17
	Jun	37.70	64.75	0.00	0.000		172%	172%	27.05
	Jul	37.17	64.75	0.00	0.000		174%	174%	27.58
	Aug	37.17	64.75	0.00	0.000		174%	174%	27.58
	Sep	37.17	64.75	0.00	0.000		174%	174%	27.58
	Oct	37.17	64.75	0.00	0.000		174%	174%	27.58
	Nov	37.17	64.75	0.00	0.000		174%	174%	27.58
	Dec	37.17	64.75	0.00	0.000		174%	174%	27.58
2021	Jan	37.17	39.75	25.00	0.000		107%	174%	27.58
	Feb	37.17	39.75	25.00	0.000		107%	174%	27.58
	Mar	37.17	39.75	25.00	0.000		107%	174%	27.58
	Apr	37.17	39.75	25.00	0.000		107%	174%	27.58
	May	37.17	39.75	25.00	0.000		107%	174%	27.58
	Jun	37.17	39.75	25.00	0.000		107%	174%	27.58
	Jul	37.17	39.75	25.00	0.000		107%	174%	27.58
	Aug	37.17	39.75	25.00	0.000		107%	174%	27.58
	Sep	37.17	39.75	25.00	0.000		107%	174%	27.58
	Oct	37.17	39.75	25.00	0.000		107%	174%	27.58
	Nov	37.17	39.75	25.00	0.000		107%	174%	27.58
	Dec	37.17	39.75	25.00	0.000		107%	174%	27.58
2022	Jan	40.41	39.75	25.00	0.000		98%	160%	24.34
	Feb	39.09	39.75	25.00	0.000		102%	166%	25.66
	Mar	39.23	39.75	25.00	0.000		101%	165%	25.52

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Apr	43.55	39.75	25.00	0.000		91%	149%	21.20
	May	45.28	39.75	25.00	0.000		88%	143%	19.47
	Jun	44.15	39.75	25.00	0.000		90%	147%	20.61
	Jul	43.40	39.75	25.00	0.000		92%	149%	21.35
	Aug	46.59	39.75	25.00	0.000		85%	139%	18.16
	Sep	45.93	39.75	25.00	0.000		87%	141%	18.82
	Oct	45.64	39.75	25.00	0.000		87%	142%	19.11
	Nov	45.03	39.75	25.00	0.000		88%	144%	19.72
	Dec	42.95	39.75	25.00	0.000		93%	151%	21.80
2023	Jan	41.40	39.75	25.00	0.000		96%	156%	23.35
	Feb	40.04	39.75	25.00	0.000		99%	162%	24.71
	Mar	40.19	39.75	25.00	0.000		99%	161%	24.56
	Apr	44.62	39.75	25.00	0.000		89%	145%	20.14
	May	46.39	39.75	25.00	0.000		86%	140%	18.36
	Jun	45.23	39.75	25.00	0.000		88%	143%	19.52
	Jul	44.47	39.75	25.00	0.000		89%	146%	20.29
	Aug	47.73	39.75	25.00	0.000		83%	136%	17.02
	Sep	47.05	39.75	25.00	0.000		84%	138%	17.70
	Oct	46.76	39.75	25.00	0.000		85%	138%	17.99
	Nov	46.13	39.75	25.00	0.000		86%	140%	18.62
	Dec	43.99	39.75	25.00	0.000		90%	147%	20.76
2024	Jan	42.41	39.75	0.00	0.000		94%	94%	-2.66
	Feb	41.02	39.75	0.00	0.000		97%	97%	-1.27
	Mar	41.17	39.75	0.00	0.000		97%	97%	-1.42
	Apr	45.71	39.75	0.00	0.000		87%	87%	-5.96
	May	47.52	39.75	0.00	0.000		84%	84%	-7.77
	Jun	46.33	39.75	0.00	0.000		86%	86%	-6.58
	Jul	45.55	39.75	0.00	0.000		87%	87%	-5.80
	Aug	48.90	39.75	0.00	0.000		81%	81%	-9.15

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Sep	48.21	39.75	0.00	0.000		82%	82%	-8.46
	Oct	47.91	39.75	0.00	0.000		83%	83%	-8.16
	Nov	47.26	39.75	0.00	0.000		84%	84%	-7.51
	Dec	45.07	39.75	0.00	0.000		88%	88%	-5.32
2025	Jan	43.45	39.75	0.00	0.000		91%	91%	-3.70
	Feb	42.02	39.75	0.00	0.000		95%	95%	-2.27
	Mar	42.17	39.75	0.00	0.000		94%	94%	-2.42
	Apr	46.83	39.75	0.00	0.000		85%	85%	-7.08
	May	48.69	39.75	0.00	0.000		82%	82%	-8.94
	Jun	47.47	39.75	0.00	0.000		84%	84%	-7.72
	Jul	46.67	39.75	0.00	0.000		85%	85%	-6.92
	Aug	50.10	39.75	0.00	0.000		79%	79%	-10.35
	Sep	49.39	39.75	0.00	0.000		80%	80%	-9.64
	Oct	49.08	39.75	0.00	0.000		81%	81%	-9.33
	Nov	48.42	39.75	0.00	0.000		82%	82%	-8.67
	Dec	46.17	39.75	0.00	0.000		86%	86%	-6.42
2026	Jan	44.51	39.75	0.00	0.000		89%	89%	-4.76
	Feb	43.05	39.75	0.00	0.000		92%	92%	-3.30
	Mar	43.20	39.75	0.00	0.000		92%	92%	-3.45
	Apr	47.97	39.75	0.00	0.000		83%	83%	-8.22
	May	49.88	39.75	0.00	0.000		80%	80%	-10.13
	Jun	48.63	39.75	0.00	0.000		82%	82%	-8.88
	Jul	47.81	39.75	0.00	0.000		83%	83%	-8.06
	Aug	51.33	39.75	0.00	0.000		77%	77%	-11.58
	Sep	50.60	39.75	0.00	0.000		79%	79%	-10.85
	Oct	50.29	39.75	0.00	0.000		79%	79%	-10.54
	Nov	49.61	39.75	0.00	0.000		80%	80%	-9.86
	Dec	47.30	39.75	0.00	0.000		84%	84%	-7.55
2027	Jan	45.60	39.75	0.00	0.000		87%	87%	-5.85

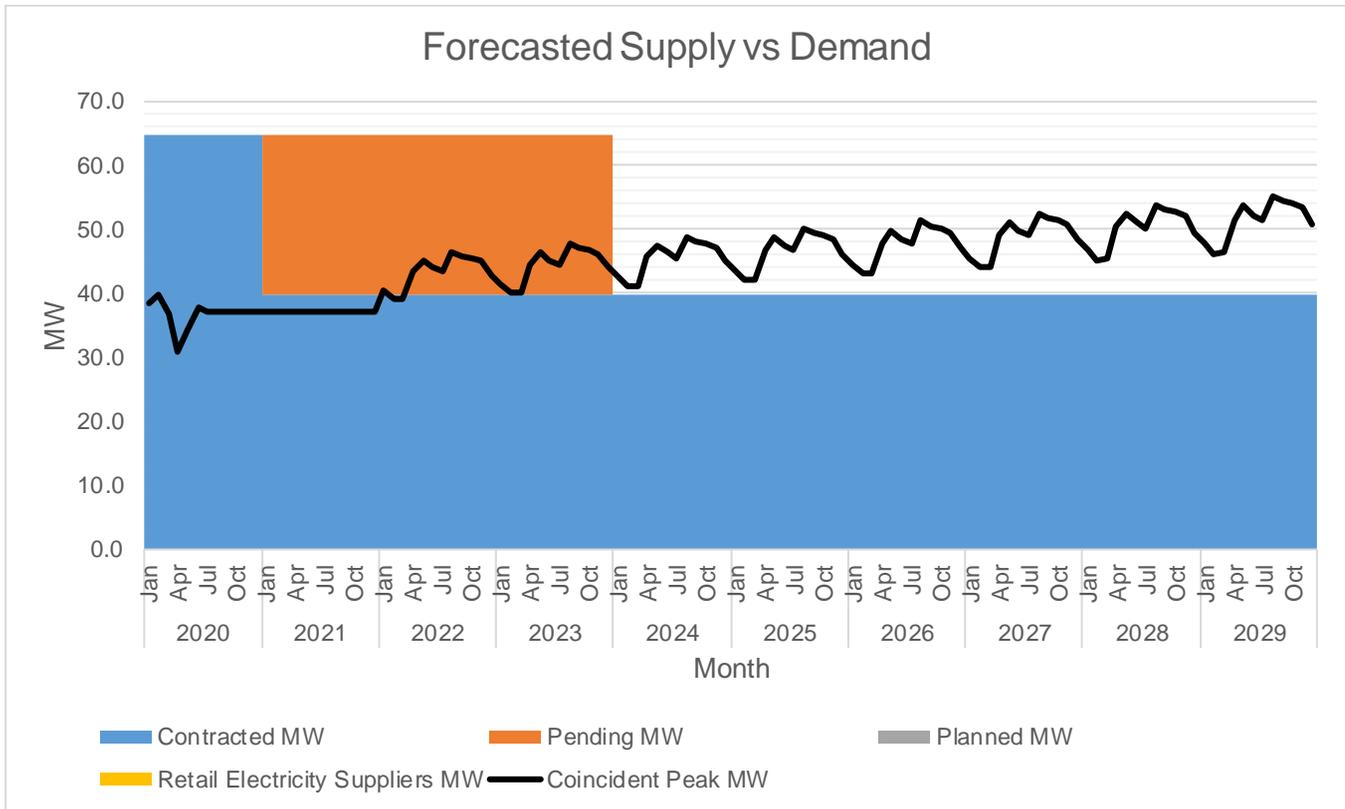
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Feb	44.10	39.75	0.00	0.000		90%	90%	-4.35
	Mar	44.26	39.75	0.00	0.000		90%	90%	-4.51
	Apr	49.15	39.75	0.00	0.000		81%	81%	-9.40
	May	51.11	39.75	0.00	0.000		78%	78%	-11.36
	Jun	49.83	39.75	0.00	0.000		80%	80%	-10.08
	Jul	48.98	39.75	0.00	0.000		81%	81%	-9.23
	Aug	52.59	39.75	0.00	0.000		76%	76%	-12.84
	Sep	51.84	39.75	0.00	0.000		77%	77%	-12.09
	Oct	51.52	39.75	0.00	0.000		77%	77%	-11.77
	Nov	50.82	39.75	0.00	0.000		78%	78%	-11.07
	Dec	48.46	39.75	0.00	0.000		82%	82%	-8.71
2028	Jan	46.72	39.75	0.00	0.000		85%	85%	-6.97
	Feb	45.18	39.75	0.00	0.000		88%	88%	-5.43
	Mar	45.34	39.75	0.00	0.000		88%	88%	-5.59
	Apr	50.36	39.75	0.00	0.000		79%	79%	-10.61
	May	52.36	39.75	0.00	0.000		76%	76%	-12.61
	Jun	51.05	39.75	0.00	0.000		78%	78%	-11.30
	Jul	50.18	39.75	0.00	0.000		79%	79%	-10.43
	Aug	53.88	39.75	0.00	0.000		74%	74%	-14.13
	Sep	53.11	39.75	0.00	0.000		75%	75%	-13.36
	Oct	52.79	39.75	0.00	0.000		75%	75%	-13.04
	Nov	52.07	39.75	0.00	0.000		76%	76%	-12.32
	Dec	49.64	39.75	0.00	0.000		80%	80%	-9.89
2029	Jan	47.87	39.75	0.00	0.000		83%	83%	-8.12
	Feb	46.29	39.75	0.00	0.000		86%	86%	-6.54
	Mar	46.45	39.75	0.00	0.000		86%	86%	-6.70
	Apr	51.59	39.75	0.00	0.000		77%	77%	-11.84
	May	53.65	39.75	0.00	0.000		74%	74%	-13.90
	Jun	52.31	39.75	0.00	0.000		76%	76%	-12.56

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Jul	51.42	39.75	0.00	0.000		77%	77%	-11.67
	Aug	55.20	39.75	0.00	0.000		72%	72%	-15.45
	Sep	54.42	39.75	0.00	0.000		73%	73%	-14.67
	Oct	54.08	39.75	0.00	0.000		73%	73%	-14.33
	Nov	53.35	39.75	0.00	0.000		75%	75%	-13.60
	Dec	50.86	39.75	0.00	0.000		78%	78%	-11.11

Actual supply and demand data were applied from January 2020 up to July 2020. This is to reflect the impact brought about by COVID-19 pandemic and for us to adjust succeeding forecast values accordingly.

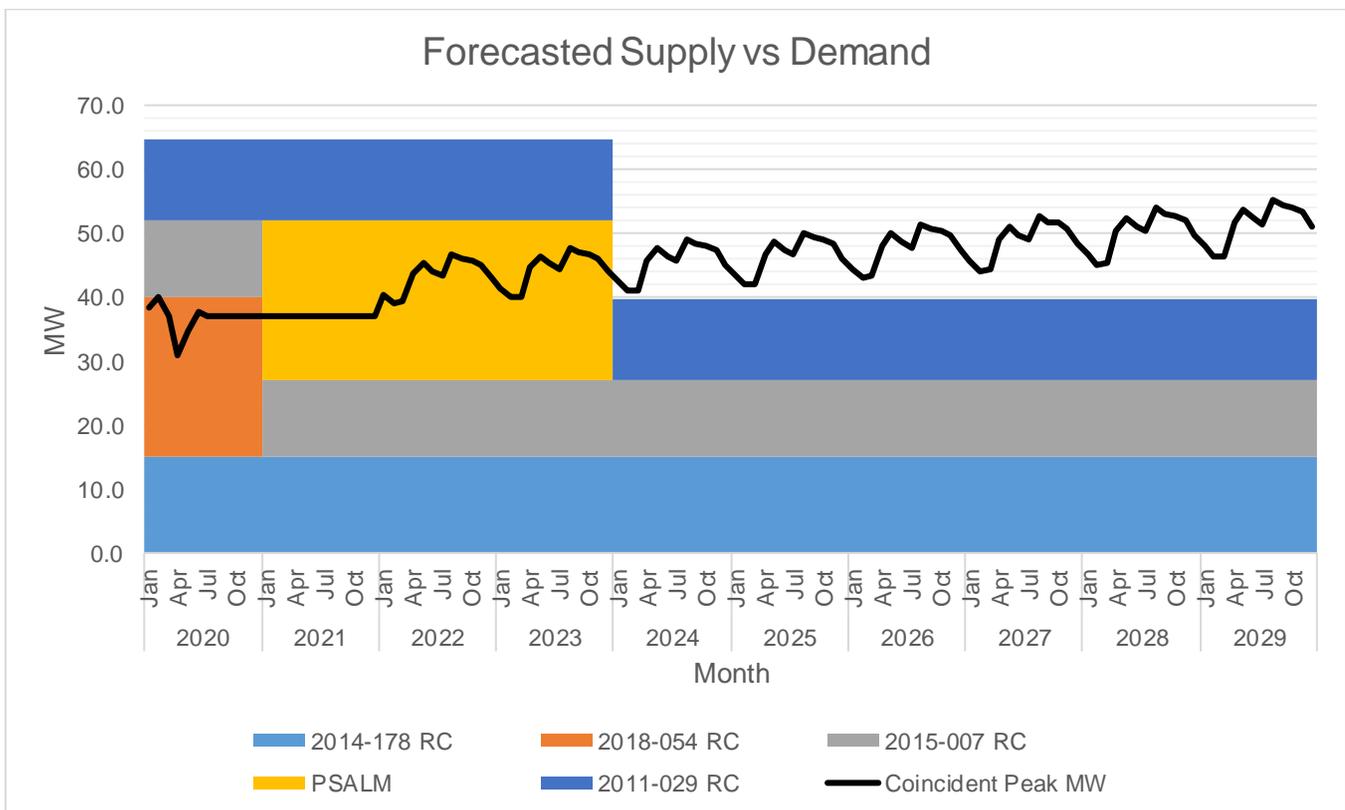
The drastic effect of the pandemic can be observed starting in April 2020, following the declaration of Enhanced Community Quarantine in Iligan City, last March 20, 2020. A decrease of 11.72 MW demand (30.90 MW actual demand record) is observed in the said month as compared to our original forecast of 42.62 MW. 10.69 MW decrease in May is observed, 5.98 MW in June, and 5.51 MW decrease in July.

Due to uncertainty in the city's economic situation brought by this pandemic, it is decided that the latest available demand and energy values (month of July 2020) will be carried on up to December 2021. And starting from year 2022, an annual growth rate of 2.5%, based on ten (10) historical years, will be applied up to year 2029.



Considering COVID-19 impact, the available supply is generally above the forecasted Peak Demand up to year 2021. However, supply will be insufficient starting year 2022 due to contract expiration of PSALM (2018-054 RC). ILPI is currently processing for the renewal of PSALM in the next three (3) years with contract capacity of 25 MW. In the year 2024 onward, ILPI will pursue to extend the same as it is seen to offer commercial advantage.

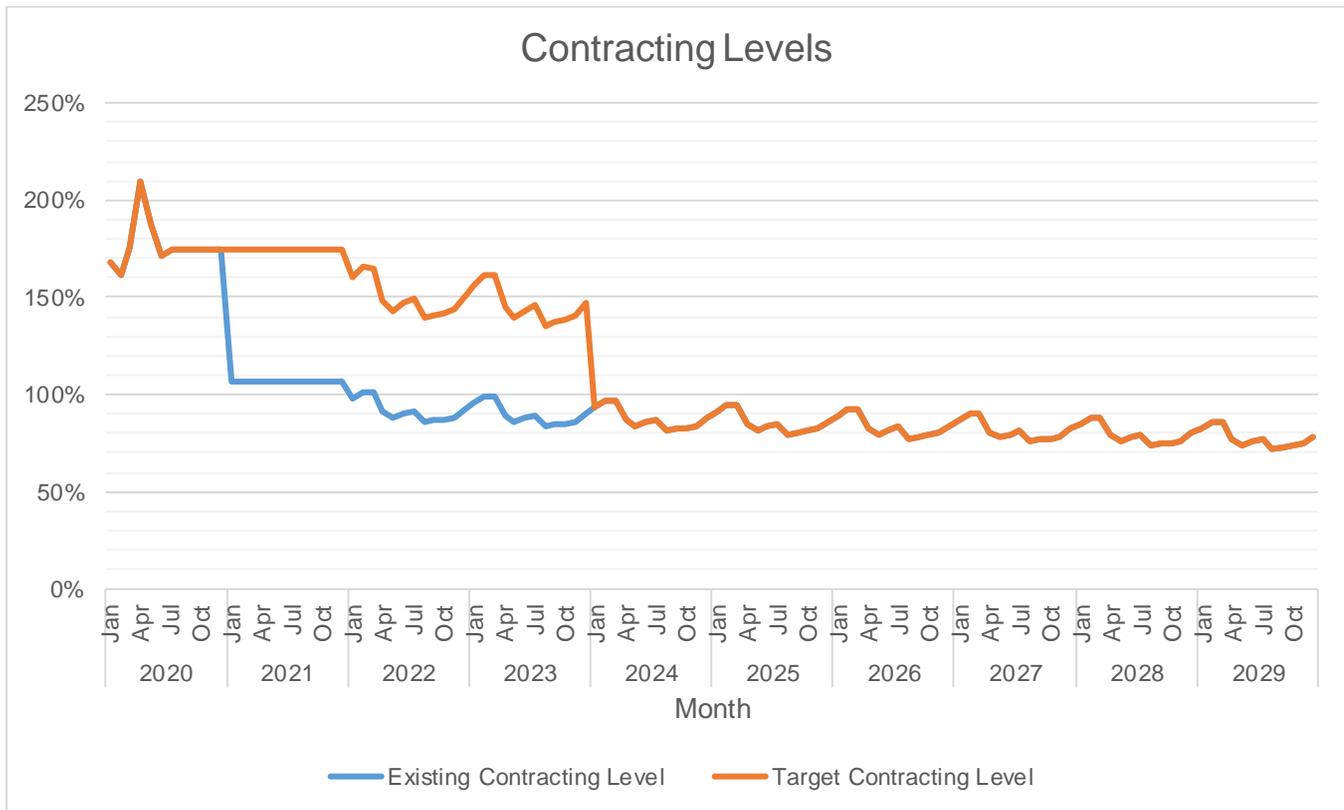
Forecasted demand starting year 2022 includes the 2 MW (estimate) requirement for the incoming captive customer, namely KCC Mall.



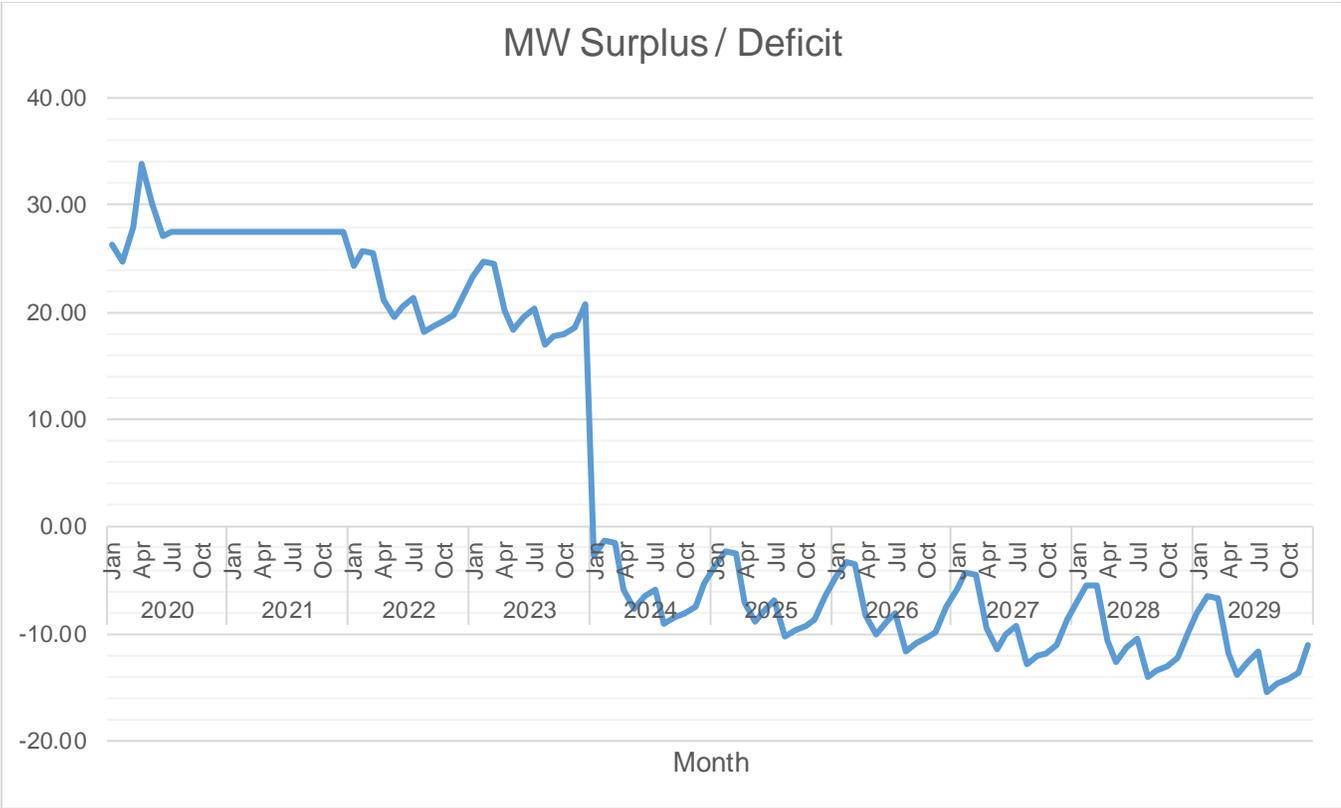
Of the available supply, the largest is 25 MW from PSALM. This is followed by 15 MW from Sarangani Energy Corporation with ERC Case No. 2014-178 RC.

Power Supply Contract with PSALM per ERC Case No. 2018-054 RC will expire on December 25, 2020 and therefore was not included in the succeeding years' contract capacity. However, ILPI is now undergoing renewal for another three (3) years and will pursue to extend the same in the succeeding years with an assumed contract capacity of 25 MW (PSALM).

No power supply procurement needed within the planning horizon as long as PSALM supply is still available and renewable for the years to come.



Based on the actual seven months of demand data, there exists an over-contracting of 210% specifically in April 2020. This is due to the adverse impact of COVID-19 pandemic. However, there will be under-contracting starting year 2022 due to PSA expiration of PSALM (2018-054 RC) on December 25, 2020. ILPI will pursue its contract renewal with PSALM to address the under-contracting concern beyond 2021.



Based on the seven months of actual demand data, there exist an over-contracting of 33.85 MW specifically in April 2020, following the declaration of ECQ in the city. However, there will be under-contracting of supply starting year 2024 due to limitations to the contract renewal period of PSALM, which is only three (3) years per renewal. ILPI will pursue to extend the same to address the under-contracting concern beyond 2023.

Forecasted Energy Data

		MWh Offtake	MWh Output	MWh System Loss	Transmission Loss	System Loss
2020	Jan	21,182	20,096	1,182	-0.45%	5.55%
	Feb	21,749	20,624	1,023	0.47%	4.72%
	Mar	19,649	19,017	429	1.04%	2.20%
	Apr	17,837	16,035	1,755	0.27%	9.86%
	May	18,850	17,638	1,251	-0.20%	6.62%
	Jun	19,894	17,810	1,890	0.97%	9.60%
	Jul	19,172	18,071	751	1.83%	3.99%
	Aug	19,172	18,071	751	1.83%	3.99%
	Sep	19,172	18,071	751	1.83%	3.99%
	Oct	19,172	18,071	751	1.83%	3.99%
	Nov	19,172	18,071	751	1.83%	3.99%
	Dec	19,172	18,071	751	1.83%	3.99%
2021	Jan	19,172	18,071	751	1.83%	3.99%
	Feb	19,172	18,071	751	1.83%	3.99%
	Mar	19,172	18,071	751	1.83%	3.99%
	Apr	19,172	18,071	751	1.83%	3.99%
	May	19,172	18,071	751	1.83%	3.99%
	Jun	19,172	18,071	751	1.83%	3.99%
	Jul	19,172	18,071	751	1.83%	3.99%
	Aug	19,172	18,071	751	1.83%	3.99%
	Sep	19,172	18,071	751	1.83%	3.99%
	Oct	19,172	18,071	751	1.83%	3.99%
	Nov	19,172	18,071	751	1.83%	3.99%
	Dec	19,172	18,071	751	1.83%	3.99%
2022	Jan	22,525	21,017	1,481	0.12%	6.58%
	Feb	21,402	20,064	1,313	0.12%	6.14%
	Mar	20,609	19,332	1,252	0.12%	6.08%
	Apr	23,504	22,073	1,403	0.12%	5.98%
	May	23,774	22,232	1,514	0.12%	6.38%
	Jun	24,159	22,601	1,528	0.12%	6.33%
	Jul	23,060	21,613	1,419	0.12%	6.16%
	Aug	24,194	22,568	1,597	0.12%	6.61%
	Sep	23,957	22,351	1,578	0.12%	6.59%
	Oct	24,660	23,009	1,622	0.12%	6.59%
	Nov	24,168	22,602	1,537	0.12%	6.37%
	Dec	21,994	20,638	1,330	0.12%	6.05%
2023	Jan	23,075	21,528	1,519	0.12%	6.59%
	Feb	21,924	20,551	1,347	0.12%	6.15%
	Mar	21,110	19,801	1,284	0.12%	6.09%
	Apr	24,079	22,611	1,439	0.12%	5.99%
	May	24,356	22,773	1,553	0.12%	6.39%
	Jun	24,750	23,152	1,568	0.12%	6.34%
	Jul	23,623	22,139	1,456	0.12%	6.17%
	Aug	24,786	23,118	1,638	0.12%	6.62%
	Sep	24,544	22,895	1,619	0.12%	6.60%
	Oct	25,264	23,570	1,664	0.12%	6.60%
	Nov	24,759	23,153	1,577	0.12%	6.38%
	Dec	22,531	21,140	1,364	0.12%	6.06%

		MWh Offtake	MWh Output	MWh System Loss	Transmission Loss	System Loss
2024	Jan	23,639	22,052	1,558	0.12%	6.60%
	Feb	22,459	21,050	1,382	0.12%	6.16%
	Mar	21,625	20,281	1,318	0.12%	6.10%
	Apr	24,668	23,162	1,477	0.12%	5.99%
	May	24,952	23,329	1,594	0.12%	6.39%
	Jun	25,356	23,717	1,609	0.12%	6.35%
	Jul	24,201	22,678	1,494	0.12%	6.18%
	Aug	25,393	23,682	1,680	0.12%	6.63%
	Sep	25,145	23,454	1,661	0.12%	6.61%
	Oct	25,883	24,145	1,707	0.12%	6.60%
	Nov	25,366	23,718	1,618	0.12%	6.39%
	Dec	23,081	21,654	1,400	0.12%	6.07%
2025	Jan	24,217	22,589	1,598	0.12%	6.61%
	Feb	23,007	21,562	1,418	0.12%	6.17%
	Mar	22,152	20,773	1,352	0.12%	6.11%
	Apr	25,272	23,727	1,515	0.12%	6.00%
	May	25,564	23,898	1,635	0.12%	6.40%
	Jun	25,978	24,296	1,650	0.12%	6.36%
	Jul	24,793	23,231	1,533	0.12%	6.19%
	Aug	26,015	24,260	1,724	0.12%	6.63%
	Sep	25,761	24,026	1,704	0.12%	6.62%
	Oct	26,518	24,735	1,751	0.12%	6.61%
	Nov	25,988	24,297	1,660	0.12%	6.39%
	Dec	23,645	22,181	1,436	0.12%	6.08%
2026	Jan	24,809	23,140	1,640	0.12%	6.62%
	Feb	23,569	22,086	1,454	0.12%	6.18%
	Mar	22,692	21,278	1,387	0.12%	6.12%
	Apr	25,892	24,306	1,555	0.12%	6.01%
	May	26,190	24,482	1,677	0.12%	6.41%
	Jun	26,615	24,890	1,693	0.12%	6.37%
	Jul	25,401	23,797	1,573	0.12%	6.20%
	Aug	26,653	24,853	1,768	0.12%	6.64%
	Sep	26,393	24,613	1,747	0.12%	6.63%
	Oct	27,169	25,340	1,797	0.12%	6.62%
	Nov	26,625	24,890	1,703	0.12%	6.40%
	Dec	24,223	22,721	1,473	0.12%	6.09%
2027	Jan	25,417	23,705	1,682	0.12%	6.63%
	Feb	24,145	22,624	1,492	0.12%	6.19%
	Mar	23,247	21,796	1,423	0.12%	6.13%
	Apr	26,527	24,900	1,595	0.12%	6.02%
	May	26,833	25,080	1,720	0.12%	6.42%
	Jun	27,268	25,498	1,737	0.12%	6.38%
	Jul	26,023	24,379	1,614	0.12%	6.21%
	Aug	27,308	25,461	1,814	0.12%	6.65%
	Sep	27,040	25,215	1,793	0.12%	6.64%
	Oct	27,837	25,960	1,843	0.12%	6.63%
	Nov	27,279	25,499	1,747	0.12%	6.41%
	Dec	24,816	23,275	1,512	0.12%	6.10%
2028	Jan	26,040	24,284	1,725	0.12%	6.63%
	Feb	24,736	23,176	1,531	0.12%	6.20%
	Mar	23,815	22,326	1,460	0.12%	6.14%

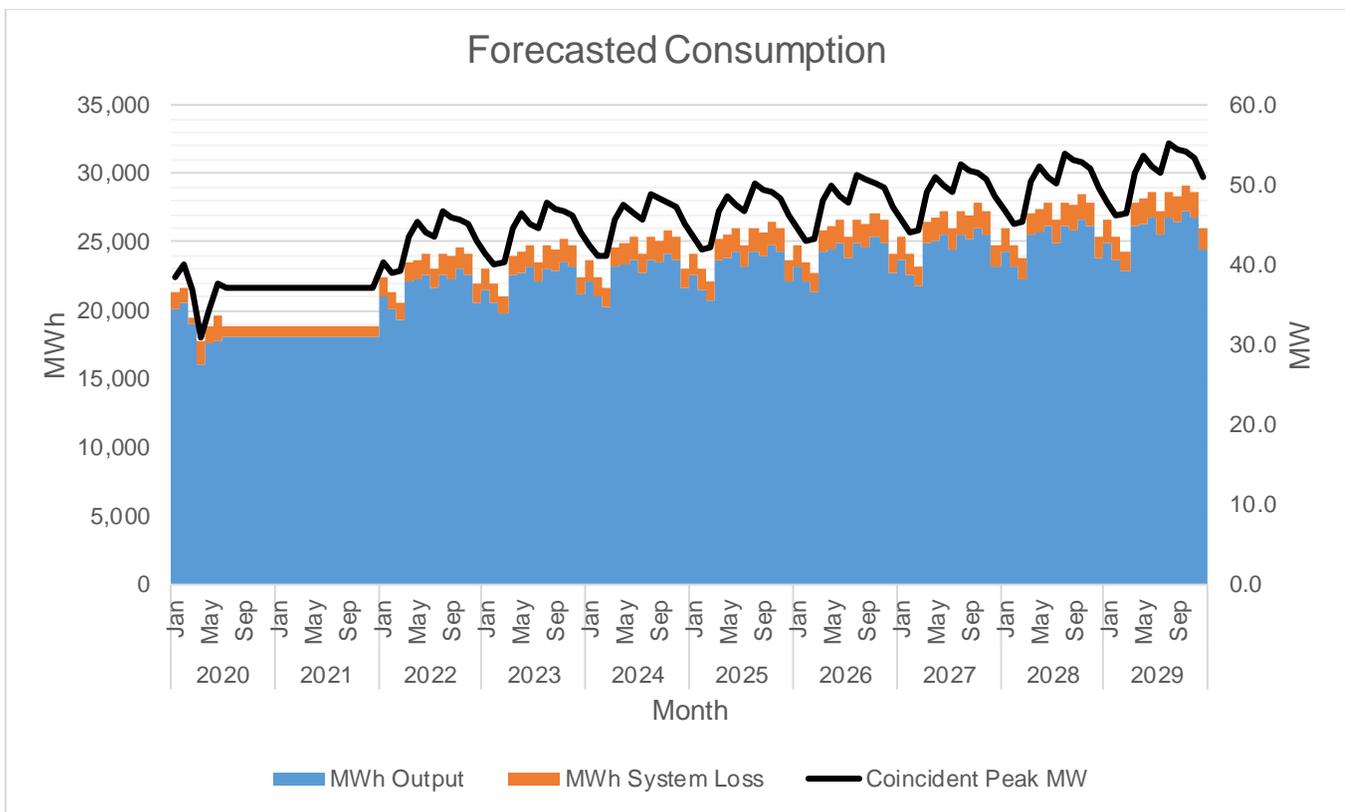
		MWh Offtake	MWh Output	MWh System Loss	Transmission Loss	System Loss
	Apr	27,178	25,509	1,636	0.12%	6.03%
	May	27,492	25,694	1,765	0.12%	6.43%
	Jun	27,938	26,123	1,782	0.12%	6.39%
	Jul	26,662	24,974	1,655	0.12%	6.22%
	Aug	27,979	26,084	1,861	0.12%	6.66%
	Sep	27,704	25,832	1,839	0.12%	6.65%
	Oct	28,521	26,596	1,891	0.12%	6.64%
	Nov	27,949	26,123	1,792	0.12%	6.42%
	Dec	25,424	23,843	1,551	0.12%	6.11%
2029	Jan	26,679	24,877	1,770	0.12%	6.64%
	Feb	25,342	23,742	1,570	0.12%	6.20%
	Mar	24,397	22,871	1,498	0.12%	6.15%
	Apr	27,846	26,134	1,679	0.12%	6.04%
	May	28,167	26,323	1,810	0.12%	6.44%
	Jun	28,625	26,762	1,828	0.12%	6.39%
	Jul	27,316	25,585	1,698	0.12%	6.23%
	Aug	28,666	26,723	1,909	0.12%	6.67%
	Sep	28,385	26,465	1,886	0.12%	6.65%
	Oct	29,222	27,248	1,940	0.12%	6.65%
	Nov	28,636	26,763	1,839	0.12%	6.43%
	Dec	26,047	24,425	1,591	0.12%	6.12%

Actual data were applied from January 2020 up to July 2020. This is to reflect the impact brought about by COVID-19 pandemic and for us to adjust succeeding forecast values accordingly.

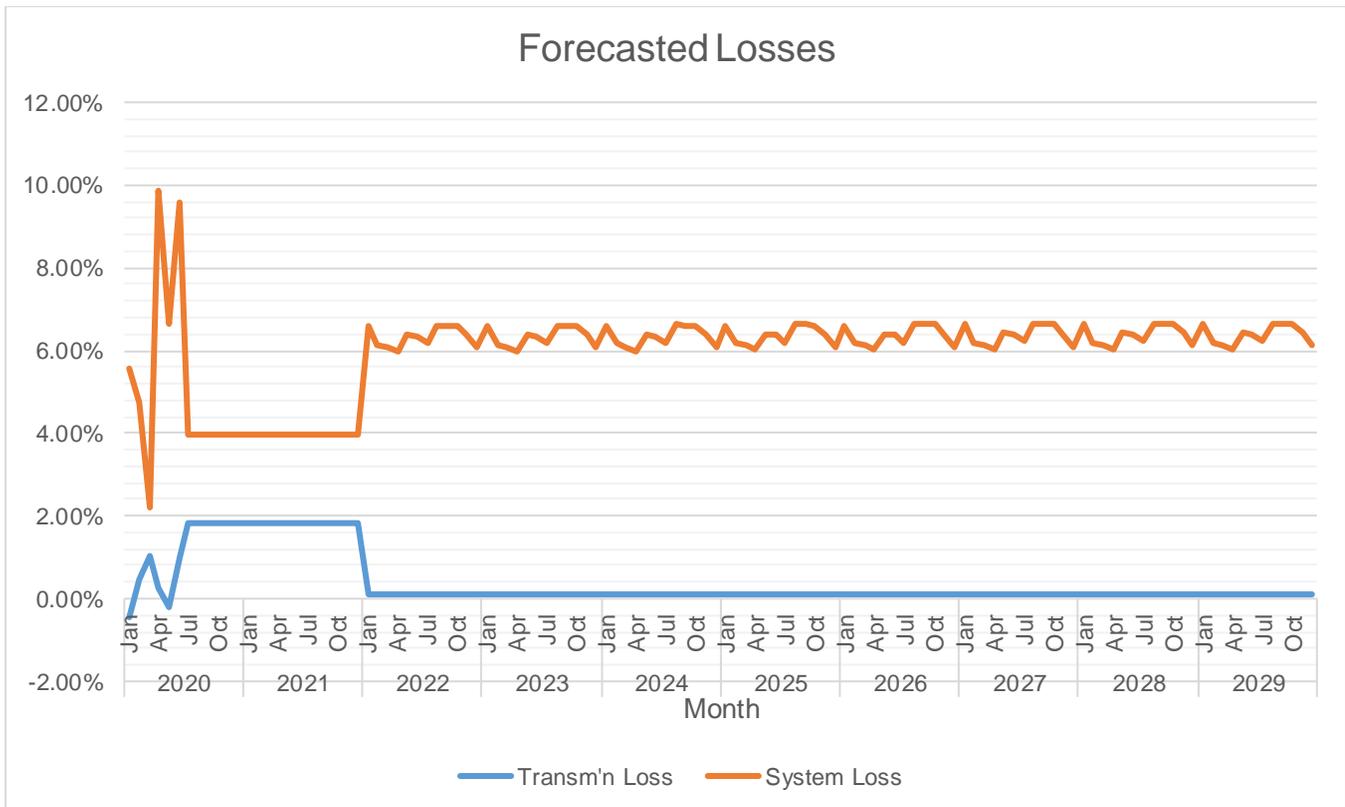
The drastic effect of the pandemic can be observed starting in April 2020, following the declaration of Enhanced Community Quarantine in Iligan City, last March 20, 2020. An estimated decrease of 5,770 MWh Offtake (17,837 MWh actual Offtake record) is observed in the said month as compared to our original forecast of 23,607 MWh. 4789 MWh decrease in May is observed, 4441 MWh in June, and 4128 MWh decrease in July.

Due to uncertainty in the city's economic situation brought by this pandemic, it is decided that the latest available demand and energy values (month of July 2020) will be carried on up to December 2021. And starting from year 2022, an annual growth rate of 2.5%, based on ten (10) historical years, will be applied up to year 2029.

System Loss was calculated based on the energy input against the energy sales. Based on the forecast data above, the Distribution System can adequately convey electricity to customers.



Considering the impact of COVID-19 pandemic, Energy Sales (MWh Output) is projected to grow at an average rate of 2.5% annually.



The first seven (7) months of Transmission Loss and System Loss values are based on actual recorded data. Projected Transmission Loss is still at 0.12% is based on average percentage in historical year 2018 while projected System Loss is expected to range from 5.98% to 6.67%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2014-178 RC	Base	Sarangani Energy Corporation	15.00	131,400	4/26/2016	4/25/2041
2018-054 RC	Intermediate	Power Sector Assets and Liabilities Management Corporation	25.00	219,600	12/26/2017	12/25/2020
2015-007 RC	Intermediate	Power Source Philippines Energy, Inc.	12.00	105,120	1/1/2019	1/1/2044
2011-029 RC	Peaking	Mapalad Energy Generation Corporation	12.75	111,690	12/26/2014	12/25/2029

The PSA with Sarangani Energy Corporation filed with ERC under Case No. 2014-178 RC was procured through Competitive Bidding. It was selected to provide for base requirements being a coal-fired power plant.

The PSA with Power Sector Assets and Liabilities Management Corporation filed with ERC under Case No. 2018-054 RC was procured based on renewal of existing contract. It was selected to provide for intermediate requirements being a hydro-electric power plant.

The PSA with Power Source Philippines Energy, Inc. filed with ERC under Case No. 2015-007 RC was procured through Competitive Bidding. It was selected to provide for intermediate requirements being a coal-fired power plant.

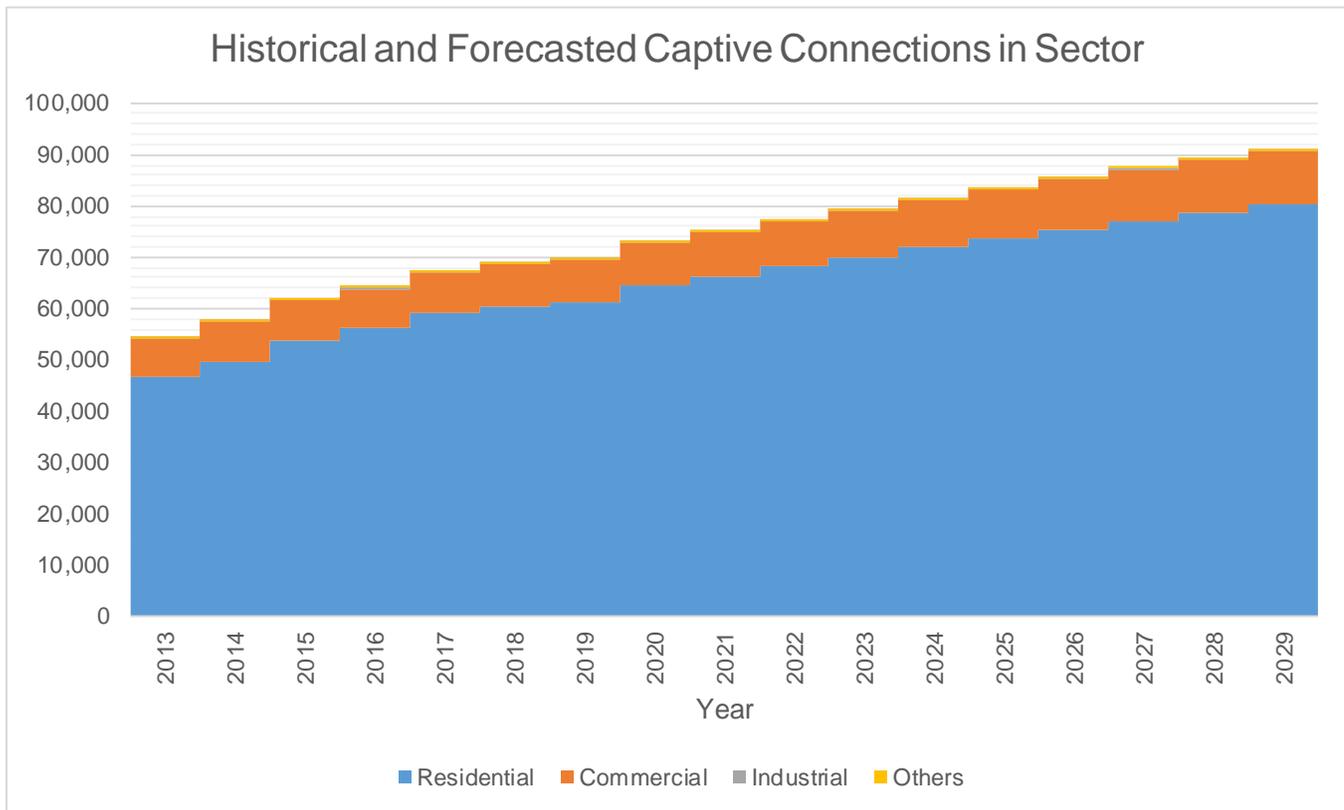
The PSA with Mapalad Energy Generation Corporation filed with ERC under Case No. 2011-029 RC was procured through Competitive Bidding. It was selected to provide for intermediate requirements being a diesel power plant.

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
PSALM	Intermediate	Power Sector Assets and Liabilities Management Corporation	25.00	219,600	12/26/2020	12/25/2023

The PSA with Power Sector Assets and Liabilities Management Corporation filed with ERC under Case No. 2018-054 RC will expire on December 25, 2020. Pending application is reflected above due to the intent of ILPI to renew its contract beyond 2020.

No available procurement schedule since ILPI will continue to pursue contract renewal with PSALM as it is seen to offer commercial advantage.

Captive Customer Connections



ILPI's customer base (captive) is expected to grow at an average rate of 2.73% annually. Existing residential connections comprise 88% of the total customers and account for 47% of the total energy consumption. Commercial, Industrial, and Other connections comprise 12%, 0.1%, and 0.01% of the total captive connections respectively.

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