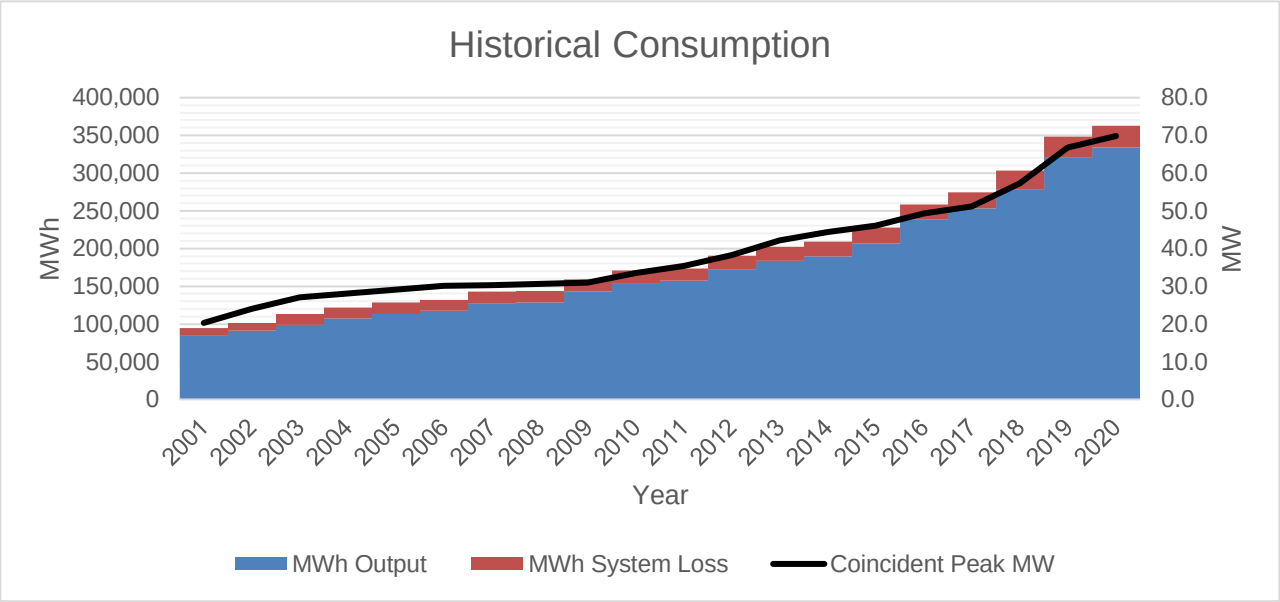
Power Supply Procurement Plan 2021-2030

ILOILO 1 ELECTRIC COOPERATIVE, INC
ILECO 1

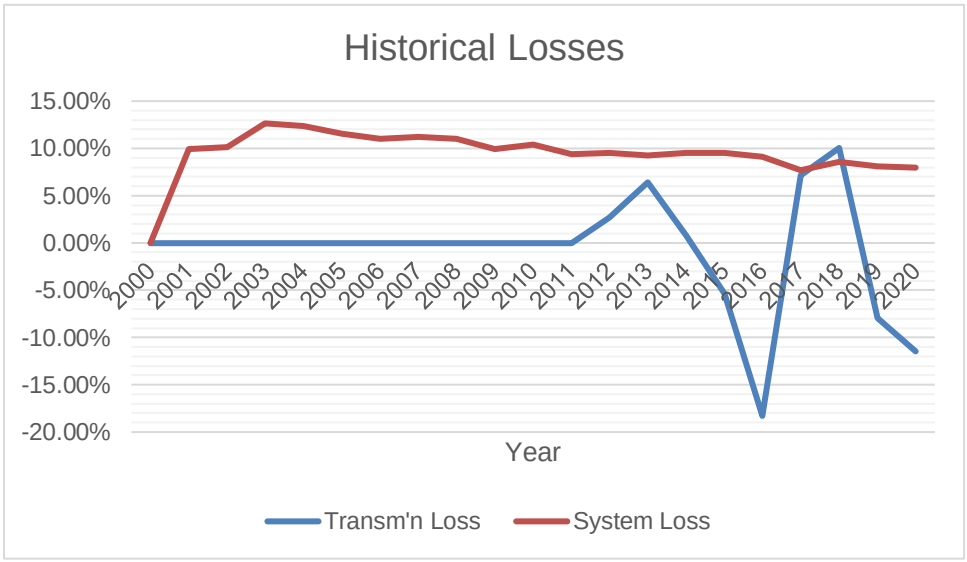
Historical Consumption Data

Year	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Transm'n Loss	System Loss
2000	20.26	86,846		86,846	78,221	8,626	49%		9.93%
2001	20.28	94,205		94,205	84,846	9,359	53%		9.93%
2002	23.93	101,448		101,448	91,201	10,248	48%		10.10%
2003	27.03	113,512		113,512	99,156	14,356	48%		12.65%
2004	28.09	122,057		122,057	106,963	15,094	50%		12.37%
2005	29.16	128,320		128,320	113,507	14,813	50%		11.54%
2006	30.12	131,589		131,589	117,078	14,510	50%		11.03%
2007	30.34	143,001		143,001	127,007	15,994	54%		11.18%
2008	30.62	144,120		144,120	128,290	15,830	54%		10.98%
2009	30.90	158,839		158,839	143,038	15,802	59%		9.95%
2010	33.51	171,300		171,300	153,517	17,783	58%		10.38%
2011	35.44	173,345		173,345	157,060	16,285	56%		9.39%
2012	38.31	195,664	-5,293	190,371	172,259	18,113	57%	2.70%	9.51%
2013	42.15	216,084	-13,888	202,196	183,513	18,683	55%	6.43%	9.24%
2014	44.29	211,271	-1,718	209,553	189,561	19,993	54%	0.81%	9.54%
2015	46.13	216,396	11,697	228,094	206,319	21,775	56%	-5.41%	9.55%
2016	49.25	221,952	40,588	262,540	238,596	19,510	61%	-18.29%	7.43%
2017	51.09	295,388	-21,136	274,253	253,224	21,029	61%	7.16%	7.67%
2018	57.36	337,693	-33,932	303,761	277,610	26,151	60%	10.05%	8.61%
2019	66.77	321,382	25,441	346,823	318,710	28,113	59%	-7.92%	8.09%
2020	66.11	317,671	45,456	363,127	333,452	29,037	64%	0.37%	8.06%

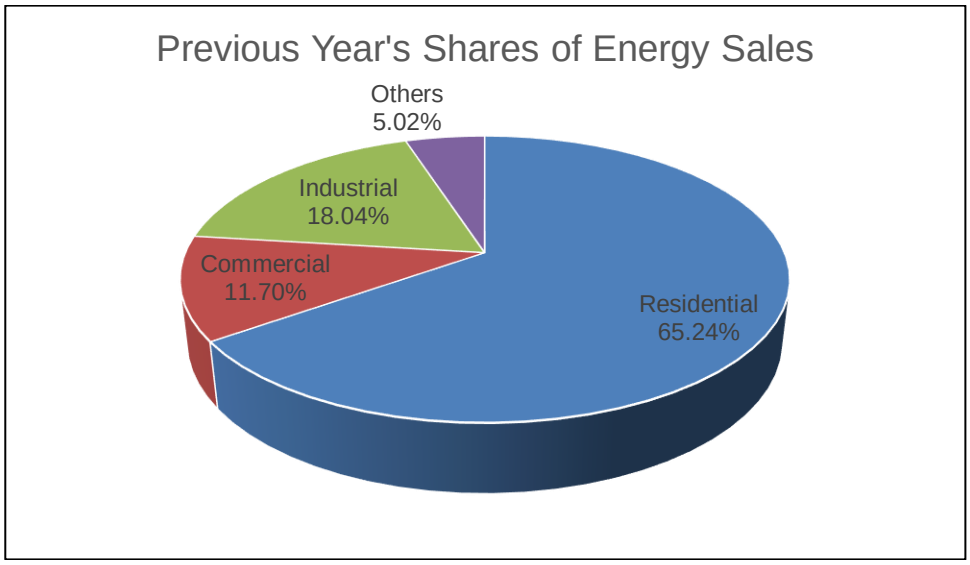
Non-Coincident Peak Demand decreased from 66.77 MW in 2019 to 66.11 MW in 2020 at a growth rate of .66% due to the decreased in demand of Big Loads during the pandemic of 2020 particularly commercial and industrial loads such as Hatchery, Malls, Subdivisions, and other Factories. MWh Offtake increased from 321, 382 MWh in 2019 to 325, 769 MWh in 2020 at a rate of 1.35% due to Pandemic. Within the same period, Load Factor ranged from 59% to 64%.



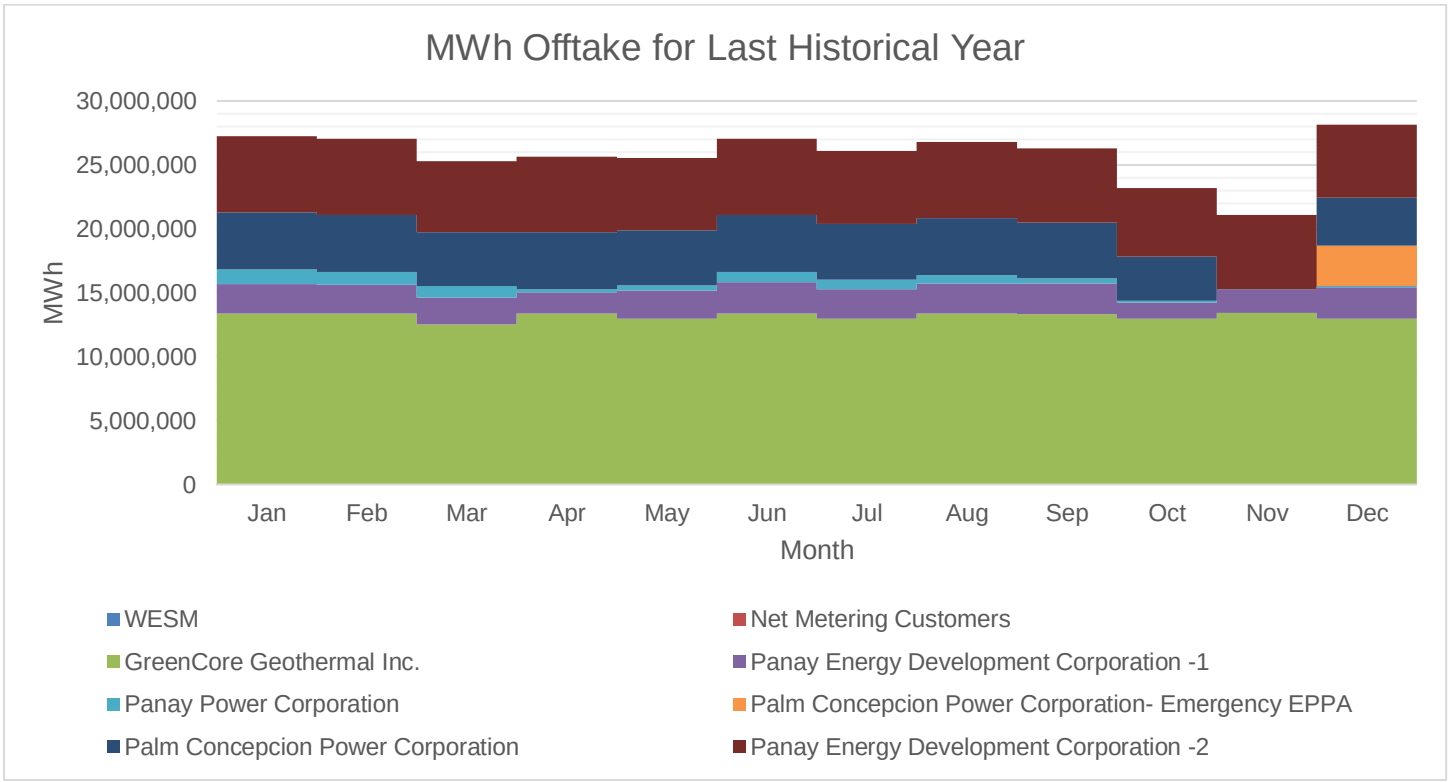
MWh Output increased from year 2019 to year 2020 at a rate of 4.49%, while MWh System Loss decreased at a rate of 7.99% within the same period. ILECO 1 system losses were maintained into a single digit for the past 5 years due to the continuous implementation of CAPEX projects particularly on the system loss reduction program.



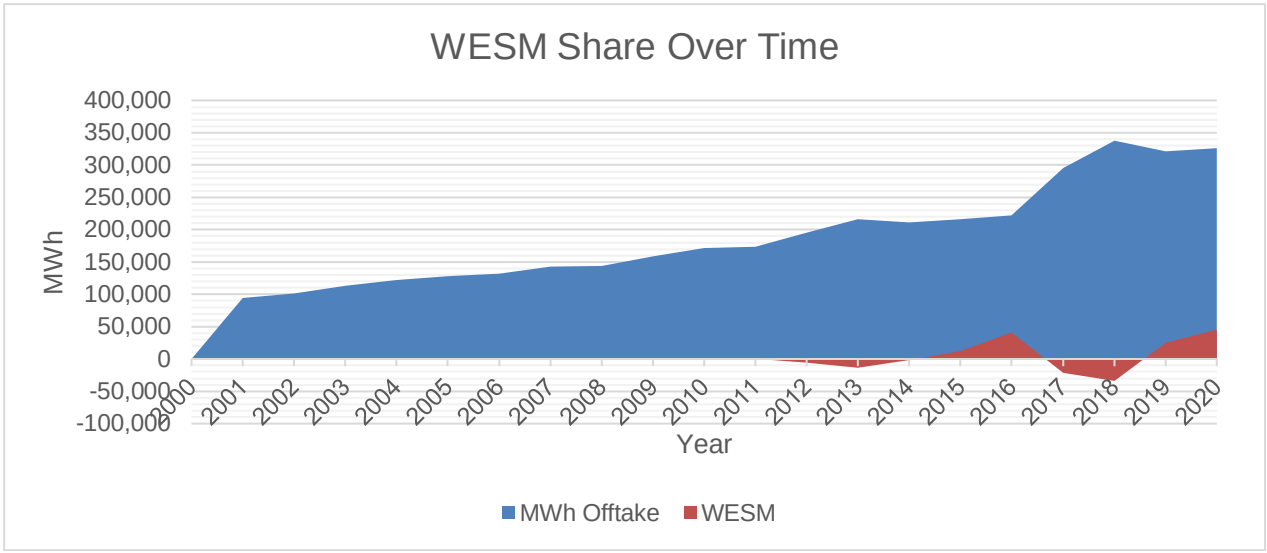
Historically, Transmission Loss ranged from -18% to 1% while System Loss ranged from 7% to 9% for the past five (5) years. Overall System Loss peaked at 12.65% on year 2003 because of the overextended distribution lines.



Residential customers account for the bulk of energy sales at 65.24% due to the high number of connections. In contrast, categorized as Others customers which is the Public Buildings and Street Lights accounted for only 5.02% of energy sales due to the low growth and number of connections. These figures are expected to essentially remain the same in the following years.

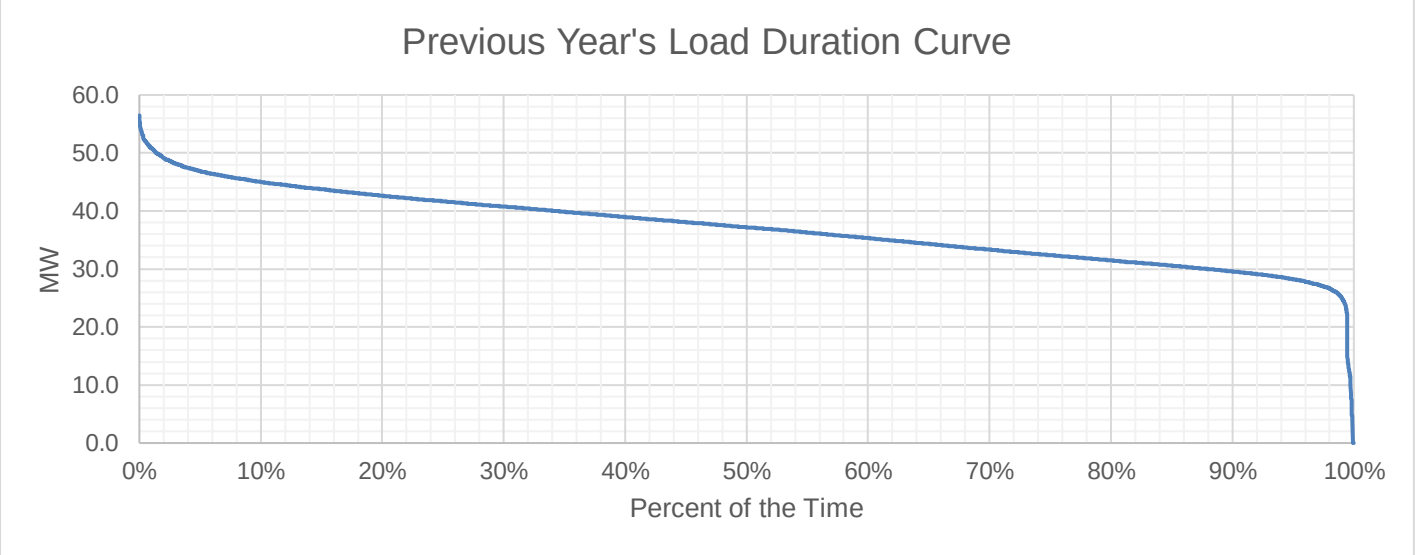


For 2020, the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with GCGI accounts for the bulk of MWh Offtake.

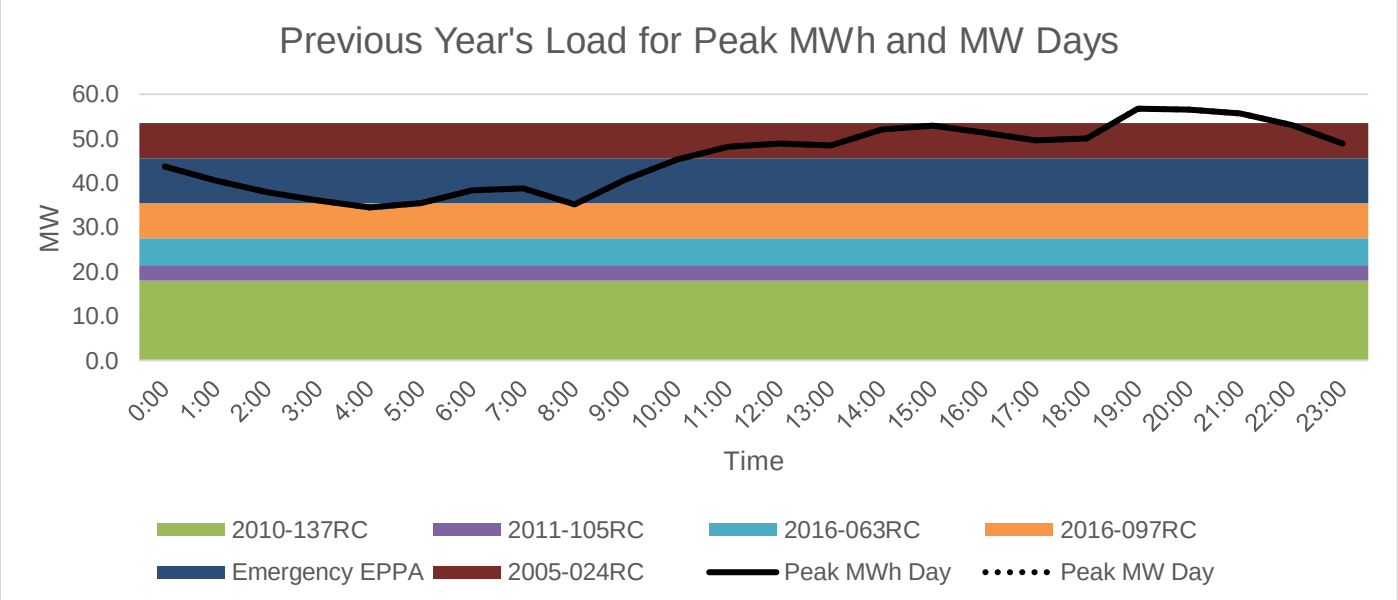


WESM Offtake increased from 25,441 MWh in 2019 to 45,456 MWh in 2020 at a rate of 44.03% due to increase in demand by almost 3.06%. The share of WESM in the total Offtake is almost13.95% for the year 2020. The increase in exposure was due to ILECO 1 insufficient power supply contract.

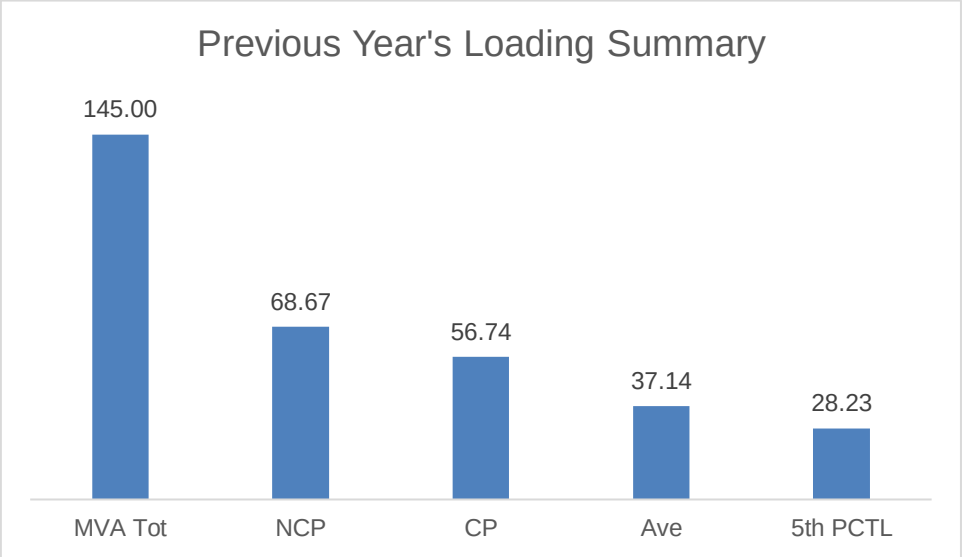
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 23.80 MW and the maximum coincident peak load is 54.92 MW for the last historical year. ILECO 1 peak demand is significantly increasing due to the spot loads that were identified for the next 5 years.



Peak MW occurred on 7PM due to 64% are residential consumers. Peak daily MWh also occurred on the same time. As shown in the Load Curves, the available supply is lower than the Peak Demand. The total contracted demand as of the year 2020 was 43.5MW. ILECO 1 contracted capacity is not sufficient and the excess is sourced from the WESM.



The Non-coincident Peak Demand based on the graph is 68.67 which occurs on the month of May, which is around 64%/51% of the total rated/maximum substation capacity of 104/130 MVA at a power factor of 94.75%. The load factor or the ratio between the Average Load of 37.14 MW and the Non-coincident Peak Demand is 58.67% of. A safe estimate of the true minimum load is the fifth percentile load of 28.23 MW which is 43.19% of the Non-coincident Peak Demand. The 5th Percentile Load or the minimum demand usually occurs during the off-peak.

Metering Point	Substation MVA	Substation Peak MW
Sta Barbara	30	9.747
San Miguel	20	16.492
Tigbauan	10	10.826
Miagao	10	6.102
Oton	15	6.284
Pavia	30	9.895
Cabatuan	15	5.068
Guimbal	15	4.254

The San Miguel Substation has the capacity of 91.6% which shall be corrected through a load transfer with Pavia and Sta. Barbara Substation. The other seven (7) Substations is at its Ideal loading. Two (2) Substations namely Sta. Barbara and Pavia Substation was upgraded from 10 MVA to 30 MVA in year 2019, Another 10 MVA Guimbal Substation was installed to correct the Capacity problem of Tigbauan Substation.

Forecasted Consumption Data

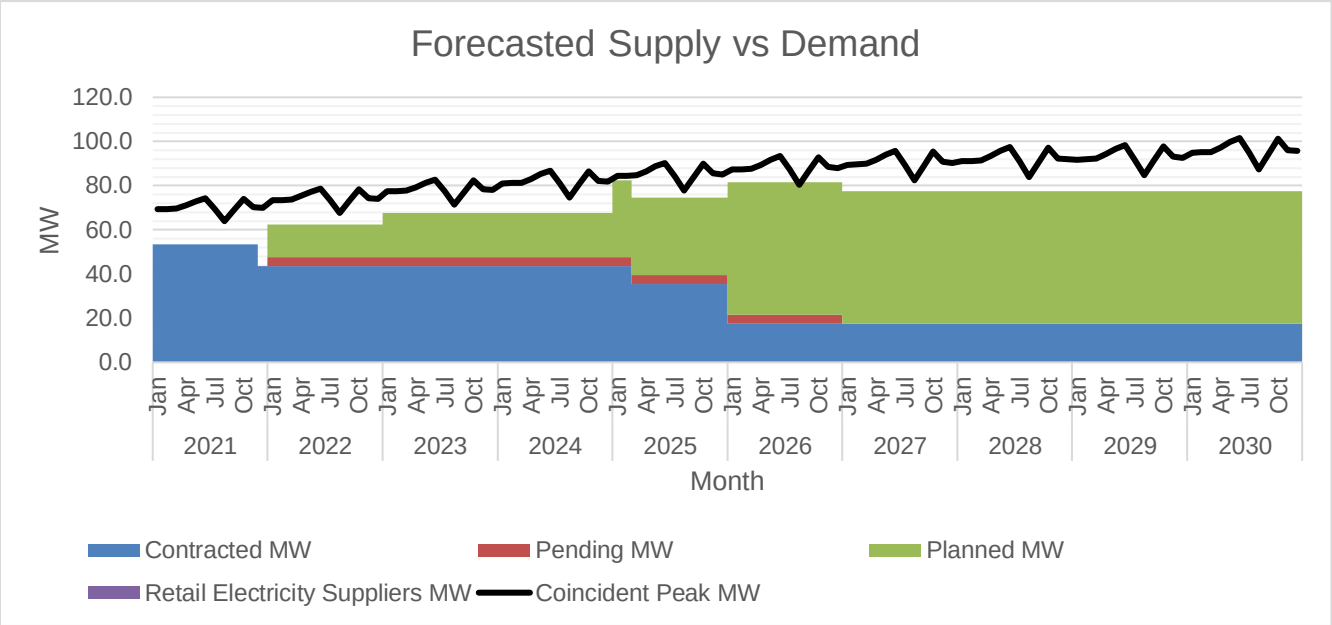
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2021	Jan	69	53.50	0.00	0.000		77%	77%	-15.86
	Feb	69	53.50	0.00	0.000		77%	77%	-15.99
	Mar	70	53.50	0.00	0.000		77%	77%	-16.15
	Apr	71	53.50	0.00	0.000		75%	75%	-17.65
	May	73	53.50	0.00	0.000		73%	73%	-19.41
	Jun	74	53.50	4.00	0.000		72%	77%	-16.74
	Jul	69	53.50	4.00	0.000		77%	83%	-11.88
	Aug	64	53.50	4.00	0.000		84%	90%	-6.42
	Sep	69	53.50	4.00	15.000		78%	105%	3.48
	Oct	74	53.50	4.00	15.000		72%	98%	-1.46
	Nov	70	53.50	4.00	15.000		76%	103%	2.18
	Dec	70	43.50	4.00	15.000		62%	89%	-7.49
2022	Jan	73	43.50	4.00	15.000		59%	85%	-10.94
	Feb	74	43.50	4.00	15.000		59%	85%	-11.08
	Mar	74	43.50	4.00	15.000		59%	85%	-11.25
	Apr	75	43.50	4.00	15.000		58%	83%	-12.83
	May	77	43.50	4.00	15.000		56%	81%	-14.70
	Jun	79	43.50	4.00	15.000		55%	80%	-16.10
	Jul	73	43.50	4.00	15.000		59%	85%	-10.96
	Aug	68	43.50	4.00	15.000		64%	92%	-5.18
	Sep	73	43.50	4.00	15.000		60%	86%	-10.57
	Oct	78	43.50	4.00	15.000		56%	80%	-15.80
	Nov	74	43.50	4.00	15.000		58%	84%	-11.95
	Dec	74	43.50	4.00	15.000		59%	84%	-11.60
2023	Jan	77	43.50	4.00	20.000		56%	87%	-9.87
	Feb	78	43.50	4.00	20.000		56%	87%	-10.02
	Mar	78	43.50	4.00	20.000		56%	87%	-10.20
	Apr	79	43.50	4.00	20.000		55%	85%	-11.87
	May	81	43.50	4.00	20.000		53%	83%	-13.84
	Jun	83	43.50	4.00	20.000		53%	82%	-15.31

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Jul	77	43.50	4.00	20.000		56%	87%	-9.89
	Aug	71	43.50	4.00	20.000		61%	95%	-3.80
	Sep	77	43.50	4.00	20.000		57%	88%	-9.49
	Oct	82	43.50	4.00	20.000		53%	82%	-15.00
	Nov	78	43.50	4.00	20.000		55%	86%	-10.94
	Dec	78	43.50	4.00	20.000		56%	86%	-10.57
2024	Jan	81	35.50	4.00	20.000		44%	73%	-21.55
	Feb	81	35.50	4.00	20.000		44%	73%	-21.71
	Mar	81	35.50	4.00	20.000		44%	73%	-21.89
	Apr	83	35.50	4.00	20.000		43%	72%	-23.64
	May	85	35.50	4.00	20.000		42%	70%	-25.70
	Jun	87	35.50	4.00	20.000		41%	69%	-27.25
	Jul	81	35.50	4.00	20.000		44%	73%	-21.57
	Aug	75	35.50	4.00	20.000		48%	80%	-15.19
	Sep	81	35.50	4.00	20.000		44%	74%	-21.15
	Oct	86	35.50	4.00	20.000		41%	69%	-26.92
	Nov	82	35.50	4.00	20.000		43%	72%	-22.67
	Dec	82	35.50	4.00	20.000		43%	73%	-22.28
2025	Jan	84	35.50	4.00	20.000		42%	71%	-24.87
	Feb	85	35.50	4.00	20.000		42%	70%	-25.03
	Mar	85	35.50	4.00	20.000		42%	70%	-25.22
	Apr	87	35.50	4.00	20.000		41%	69%	-27.04
	May	89	35.50	4.00	20.000		40%	67%	-29.19
	Jun	90	35.50	4.00	20.000		39%	66%	-30.80
	Jul	84	35.50	4.00	20.000		42%	71%	-24.89
	Aug	78	35.50	4.00	20.000		46%	77%	-18.25
	Sep	84	35.50	4.00	20.000		42%	71%	-24.45
	Oct	90	35.50	4.00	20.000		39%	66%	-30.46
	Nov	86	35.50	4.00	20.000		42%	70%	-26.03
	Dec	85	35.50	4.00	20.000		42%	70%	-25.63
2026	Jan	87	17.50	4.00	35.000		20%	65%	-30.71
	Feb	87	17.50	4.00	35.000		20%	65%	-30.88
	Mar	88	17.50	4.00	35.000		20%	65%	-31.08

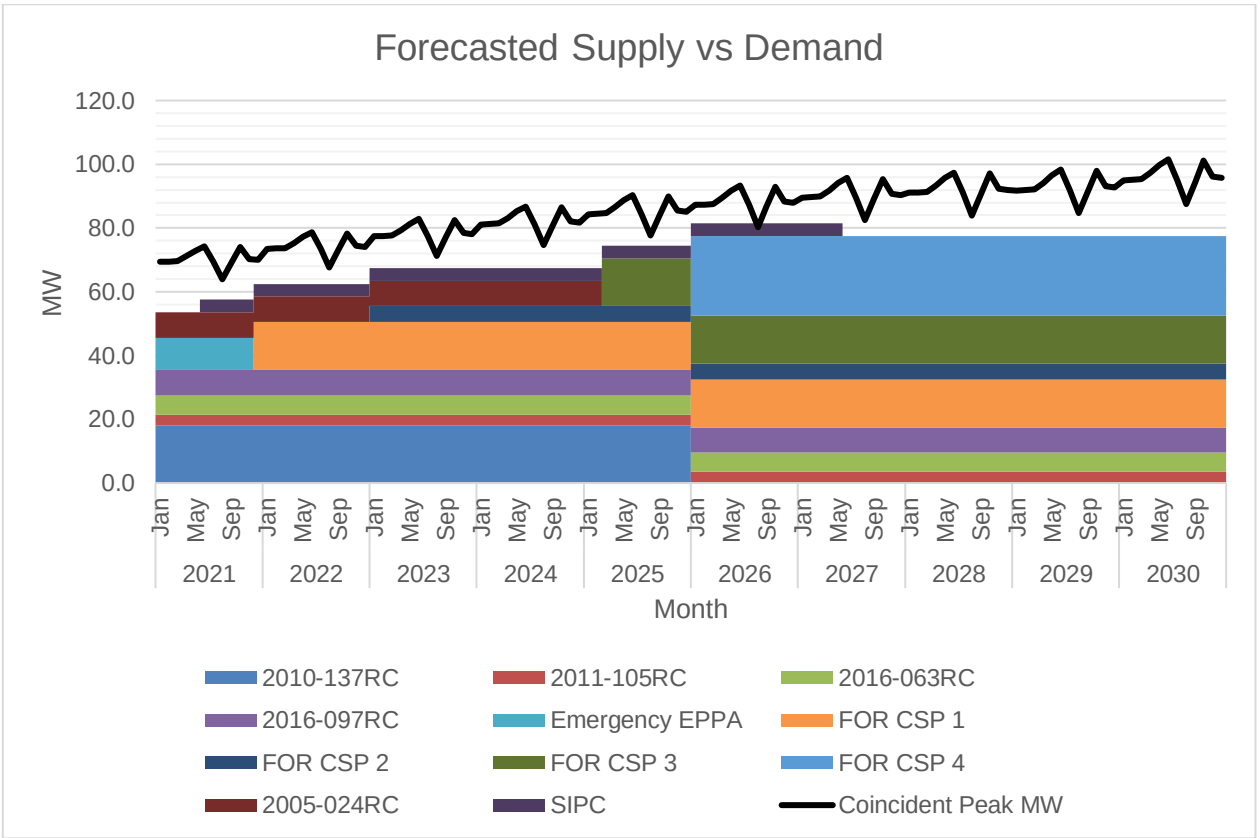
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Apr	89	17.50	4.00	35.000		20%	63%	-32.96
	May	92	17.50	4.00	35.000		19%	62%	-35.18
	Jun	93	17.50	4.00	35.000		19%	61%	-36.84
	Jul	87	17.50	4.00	35.000		20%	65%	-30.73
	Aug	80	17.50	4.00	35.000		22%	70%	-23.87
	Sep	87	17.50	4.00	35.000		20%	65%	-30.28
	Oct	93	17.50	4.00	35.000		19%	61%	-36.49
	Nov	88	17.50	4.00	35.000		20%	64%	-31.91
	Dec	88	17.50	4.00	35.000		20%	64%	-31.50
2027	Jan	89	17.50	4.00	35.000		20%	63%	-32.97
	Feb	90	17.50	4.00	35.000		20%	63%	-33.14
	Mar	90	17.50	4.00	35.000		19%	63%	-33.35
	Apr	92	17.50	4.00	35.000		19%	62%	-35.28
	May	94	17.50	4.00	35.000		19%	60%	-37.56
	Jun	96	17.50	0.00	35.000		18%	55%	-43.26
	Jul	89	17.50	0.00	35.000		20%	59%	-37.00
	Aug	82	17.50	0.00	35.000		21%	64%	-29.95
	Sep	89	17.50	0.00	35.000		20%	59%	-36.53
	Oct	95	17.50	0.00	35.000		18%	55%	-42.90
	Nov	91	17.50	0.00	35.000		19%	58%	-38.21
	Dec	90	17.50	0.00	35.000		19%	58%	-37.78
2028	Jan	91	17.50	0.00	35.000		19%	58%	-38.54
	Feb	91	17.50	0.00	35.000		19%	58%	-38.72
	Mar	91	17.50	0.00	35.000		19%	57%	-38.92
	Apr	93	17.50	0.00	35.000		19%	56%	-40.89
	May	96	17.50	0.00	35.000		18%	55%	-43.21
	Jun	97	17.50	0.00	35.000		18%	54%	-44.94
	Jul	91	17.50	0.00	35.000		19%	58%	-38.57
	Aug	84	17.50	0.00	35.000		21%	63%	-31.40
	Sep	91	17.50	0.00	35.000		19%	58%	-38.09
	Oct	97	17.50	0.00	35.000		18%	54%	-44.57
	Nov	92	17.50	0.00	35.000		19%	57%	-39.80
	Dec	92	17.50	0.00	35.000		19%	57%	-39.37

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2029	Jan	92	17.50	0.00	35.000		19%	57%	-39.31
	Feb	92	17.50	0.00	35.000		19%	57%	-39.49
	Mar	92	17.50	0.00	35.000		19%	57%	-39.70
	Apr	94	17.50	0.00	35.000		19%	56%	-41.68
	May	97	17.50	0.00	35.000		18%	54%	-44.02
	Jun	98	17.50	0.00	35.000		18%	53%	-45.77
	Jul	92	17.50	0.00	35.000		19%	57%	-39.34
	Aug	85	17.50	0.00	35.000		21%	62%	-32.11
	Sep	91	17.50	0.00	35.000		19%	57%	-38.86
	Oct	98	17.50	0.00	35.000		18%	54%	-45.40
	Nov	93	17.50	0.00	35.000		19%	56%	-40.58
	Dec	93	17.50	0.00	35.000		19%	57%	-40.14
2030	Jan	95	17.50	0.00	35.000		18%	55%	-42.39
	Feb	95	17.50	0.00	35.000		18%	55%	-42.57
	Mar	95	17.50	0.00	35.000		18%	55%	-42.79
	Apr	97	17.50	0.00	35.000		18%	54%	-44.84
	May	100	17.50	0.00	35.000		18%	53%	-47.25
	Jun	102	17.50	0.00	35.000		17%	52%	-49.06
	Jul	95	17.50	0.00	35.000		18%	55%	-42.41
	Aug	87	17.50	0.00	35.000		20%	60%	-34.94
	Sep	94	17.50	0.00	35.000		19%	56%	-41.92
	Oct	101	17.50	0.00	35.000		17%	52%	-48.67
	Nov	96	17.50	0.00	35.000		18%	55%	-43.70
	Dec	96	17.50	0.00	35.000		18%	55%	-43.25

The Peak Demand was forecasted using the historical system peak and was assumed to occur on the month of May due to the weather is generally hot. Monthly Peak Demand is at its lowest on the month of January due to the coolest weather. The number of forecasted requirements from year 2021-2030 was based on the 7-year historical data. In forecasting, ILECO 1 used regression analysis and follows the criteria for the accuracy and validity test. In general, Peak Demand is expected to grow at an average rate of 3.15% annually.



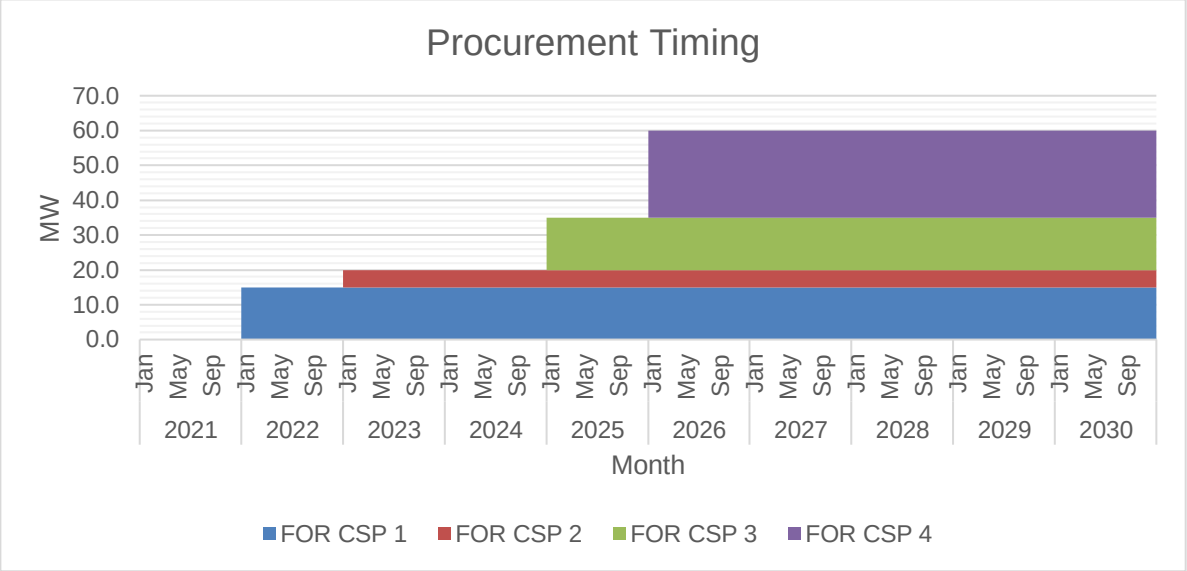
The available contracted supply is generally below the Peak Demand. This is because of the rapid increase on the demand of ILECO 1.



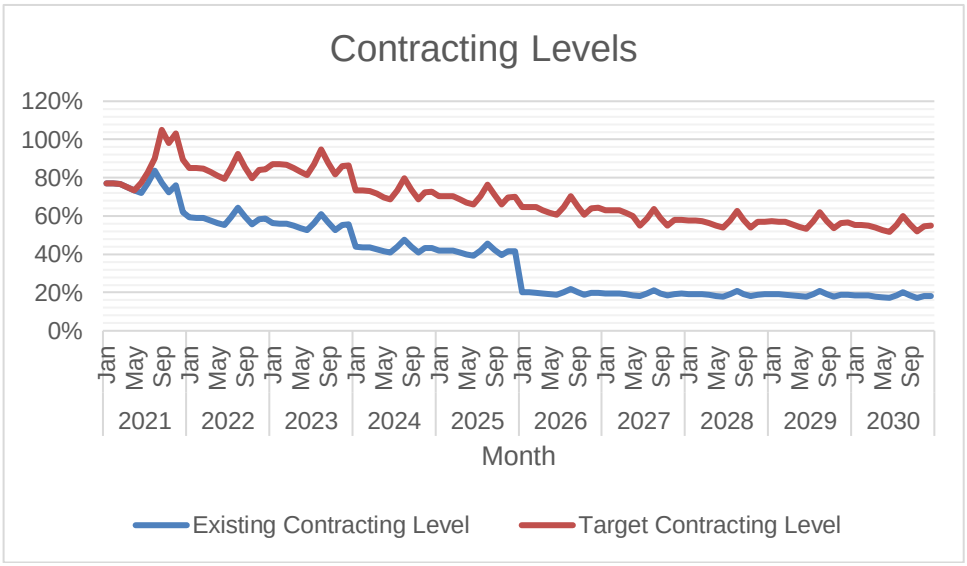
Among the available supply, the largest is 18MW from GCGI. This is followed by 11.5MW from PEDC. The existing contracted capacity of ILECO 1 is only 43.5 MW versus the peak demand of 69.83MW in the year 2020. Based on the forecasted demand it will reach up to 95MW in year 2029. Along the years there are PSA that will be expiring particularly the 18MW GCGI and 8MW PPC on year 2025 and 2023 respectively. For PPC, although it was the only available supply prior to start of contract, ILECO 1 is planning for its early termination and shall be replaced through CSP because of its high fuel cost. There were also affected PSA that was filed on or after June 30 of 2015. And these are 8MW from PEDC unit 3, 6MW from PCPC unit 1 and 11MW PCPC unit 2. On September 20, 2019 the ERC already issue an order affecting

these 3 supplies concerning to DOE circular on the conduct of CSP. 8MW from PEDC unit 3 and 6MW from PCPC unit 1 are already supplying ILECO 1 due to the provisional authority. As of this year ILECO 1 has an on-going application of 4MW from SPC Island Power Corporation. In year 2020, ILECO 1 has procured an emergency power to minimize the exposure in the market and secure the supply during contingencies and supply deficiencies.

The contracted capacity of ILECO 1 has a significant difference versus its actual demand. ILECO 1 needs to fast track the filing of application as well as the ERC and other concerned agencies.

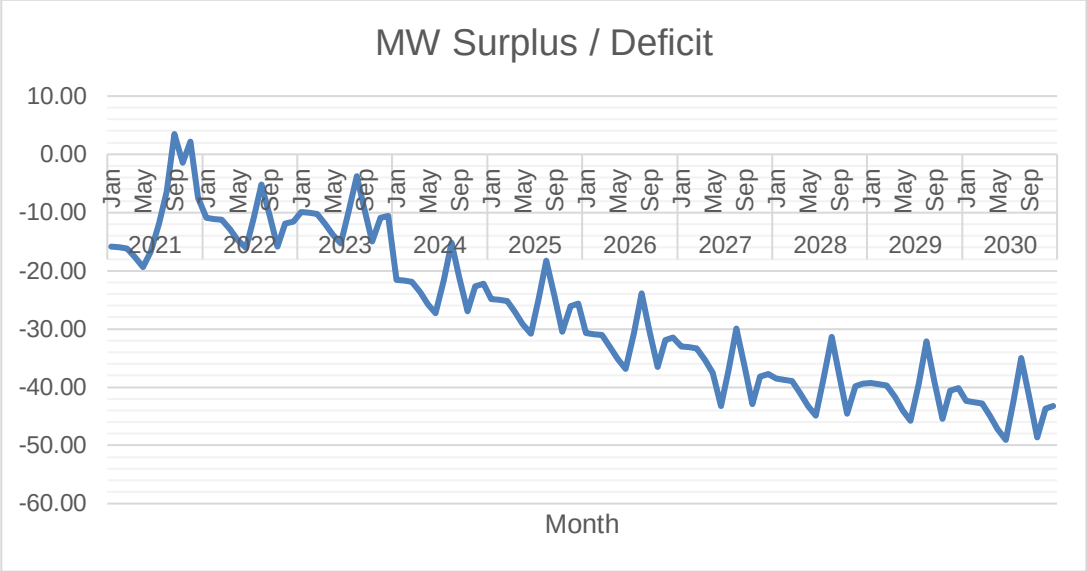


The first wave of supply procurement will be 15MW planned to be available by the month of September 2021. This will be followed by 5MW planned to be available by the month of January 2023 and 15MW on January 2026. This three (3) power supply requirements shall be procured through an Aggregated TPBAC of Panay-Guimaras Power Supply Consortium in two (2) different lots namely Base and Intermediate. The proposed target for publication will be on April 2021.



Currently, there is under-contracted by almost 28% based on the peak demand. The highest target contracting level is 104.5% which is expected to occur on September 2021. The lowest target contracting level is 48.5% which is expected to occur on June 2027. ILECO 1 is also affected by

the SC decision that pertains to the conduct of CSP for the procurement of power supply. The affected demand was 25MW in total.



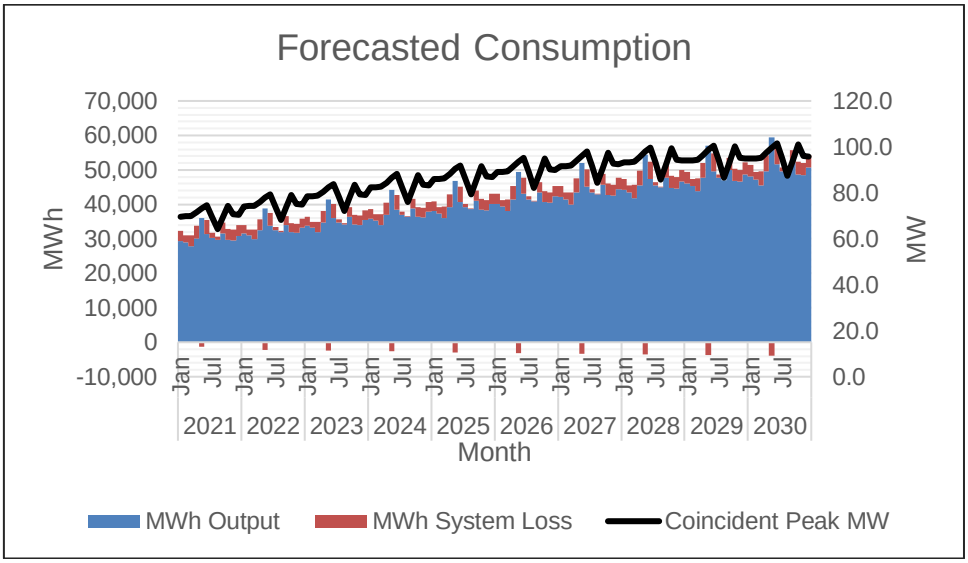
Currently, we have a power supply deficit of about 16MW. The highest deficit is 50.45MW which is expected to occur on the month of May 2027. The highest surplus is 3.14MW which is expected to occur on the month of September 2021.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2021	Jan	32,389	29,113	3,143	0.41%	9.75%
	Feb	31,013	28,615	2,294	0.34%	7.42%
	Mar	31,166	27,587	3,473	0.34%	11.18%
	Apr	33,999	29,988	3,889	0.36%	11.48%
	May	34,393	33,159	1,111	0.36%	3.24%
	Jun	35,834	33,844	1,864	0.35%	5.22%
	Jul	33,497	29,999	3,374	0.37%	10.11%
	Aug	32,626	29,570	2,934	0.37%	9.03%
	Sep	33,999	31,457	2,413	0.38%	7.12%
	Oct	32,196	29,453	2,626	0.36%	8.19%
	Nov	32,260	29,323	2,813	0.38%	8.75%
	Dec	32,379	30,664	1,597	0.36%	4.95%
2022	Jan	34,937	31,402	3,391	0.41%	9.75%
	Feb	33,452	30,865	2,474	0.34%	7.42%
	Mar	33,617	29,757	3,746	0.34%	11.18%
	Apr	36,673	32,347	4,195	0.36%	11.48%
	May	37,098	35,767	1,199	0.36%	3.24%
	Jun	38,653	36,506	2,010	0.35%	5.22%
	Jul	36,131	32,359	3,639	0.37%	10.11%
	Aug	35,192	31,896	3,165	0.37%	9.03%
	Sep	36,673	33,932	2,603	0.38%	7.12%
	Oct	34,728	31,770	2,833	0.36%	8.19%
	Nov	34,798	31,630	3,034	0.38%	8.75%
	Dec	34,926	33,076	1,723	0.36%	4.95%
2023	Jan	37,451	33,663	3,635	0.41%	9.75%
	Feb	35,860	33,087	2,653	0.34%	7.42%

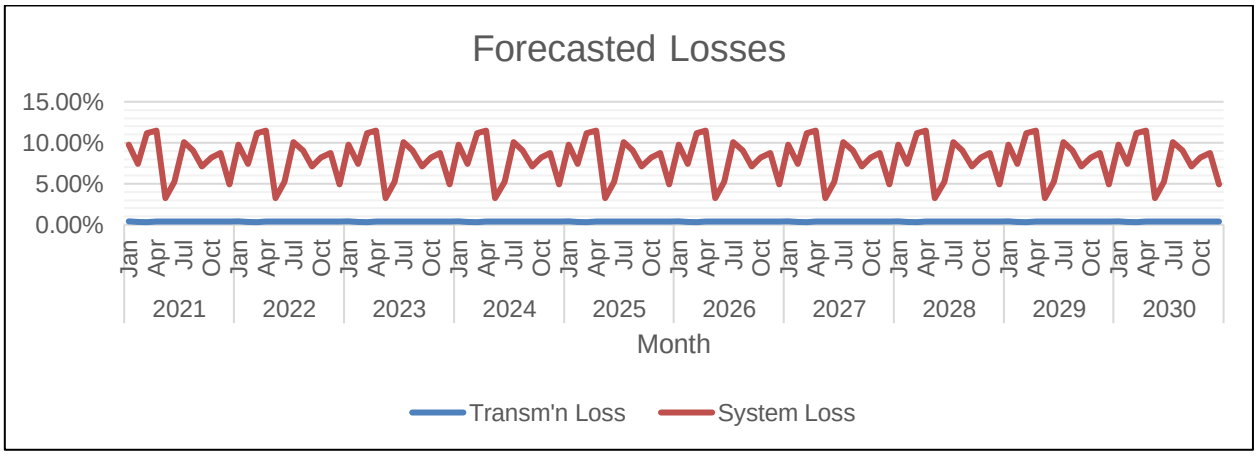
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Mar	36,037	31,899	4,015	0.34%	11.18%
	Apr	39,312	34,675	4,496	0.36%	11.48%
	May	39,768	38,341	1,285	0.36%	3.24%
	Jun	41,435	39,133	2,155	0.35%	5.22%
	Jul	38,732	34,688	3,901	0.37%	10.11%
	Aug	37,725	34,192	3,392	0.37%	9.03%
	Sep	39,313	36,374	2,790	0.38%	7.12%
	Oct	37,228	34,057	3,036	0.36%	8.19%
	Nov	37,303	33,907	3,253	0.38%	8.75%
	Dec	37,439	35,457	1,847	0.36%	4.95%
2024	Jan	39,928	35,889	3,875	0.41%	9.75%
	Feb	38,232	35,276	2,828	0.34%	7.42%
	Mar	38,420	34,009	4,281	0.34%	11.18%
	Apr	41,913	36,969	4,794	0.36%	11.48%
	May	42,399	40,877	1,370	0.36%	3.24%
	Jun	44,176	41,722	2,298	0.35%	5.22%
	Jul	41,294	36,982	4,159	0.37%	10.11%
	Aug	40,221	36,453	3,617	0.37%	9.03%
	Sep	41,913	38,780	2,975	0.38%	7.12%
	Oct	39,690	36,309	3,237	0.36%	8.19%
	Nov	39,770	36,149	3,468	0.38%	8.75%
	Dec	39,916	37,802	1,969	0.36%	4.95%
2025	Jan	42,366	38,080	4,112	0.41%	9.75%
	Feb	40,566	37,429	3,001	0.34%	7.42%
	Mar	40,765	36,085	4,542	0.34%	11.18%
	Apr	44,471	39,225	5,086	0.36%	11.48%
	May	44,987	43,372	1,454	0.36%	3.24%
	Jun	46,872	44,268	2,438	0.35%	5.22%
	Jul	43,814	39,240	4,413	0.37%	10.11%
	Aug	42,676	38,678	3,838	0.37%	9.03%
	Sep	44,471	41,147	3,156	0.38%	7.12%
	Oct	42,113	38,526	3,435	0.36%	8.19%
	Nov	42,197	38,356	3,679	0.38%	8.75%
	Dec	42,352	40,109	2,089	0.36%	4.95%
2026	Jan	44,762	40,234	4,344	0.41%	9.75%
	Feb	42,860	39,546	3,170	0.34%	7.42%
	Mar	43,071	38,126	4,799	0.34%	11.18%
	Apr	46,987	41,444	5,374	0.36%	11.48%
	May	47,531	45,826	1,536	0.36%	3.24%
	Jun	49,524	46,772	2,576	0.35%	5.22%
	Jul	46,293	41,459	4,663	0.37%	10.11%
	Aug	45,090	40,866	4,055	0.37%	9.03%
	Sep	46,987	43,475	3,335	0.38%	7.12%
	Oct	44,495	40,705	3,629	0.36%	8.19%
	Nov	44,584	40,525	3,888	0.38%	8.75%
	Dec	44,748	42,378	2,207	0.36%	4.95%
2027	Jan	47,117	42,351	4,573	0.41%	9.75%
	Feb	45,116	41,627	3,337	0.34%	7.42%
	Mar	45,338	40,132	5,052	0.34%	11.18%
	Apr	49,459	43,625	5,657	0.36%	11.48%

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	May	50,032	48,237	1,617	0.36%	3.24%
	Jun	52,130	49,234	2,711	0.35%	5.22%
	Jul	48,729	43,641	4,908	0.37%	10.11%
	Aug	47,462	43,016	4,268	0.37%	9.03%
	Sep	49,459	45,762	3,510	0.38%	7.12%
	Oct	46,836	42,847	3,820	0.36%	8.19%
	Nov	46,930	42,658	4,092	0.38%	8.75%
	Dec	47,102	44,608	2,323	0.36%	4.95%
2028	Jan	49,432	44,431	4,798	0.41%	9.75%
	Feb	47,332	43,672	3,501	0.34%	7.42%
	Mar	47,565	42,104	5,300	0.34%	11.18%
	Apr	51,889	45,768	5,935	0.36%	11.48%
	May	52,490	50,607	1,696	0.36%	3.24%
	Jun	54,690	51,652	2,844	0.35%	5.22%
	Jul	51,122	45,785	5,149	0.37%	10.11%
	Aug	49,794	45,130	4,478	0.37%	9.03%
	Sep	51,889	48,010	3,683	0.38%	7.12%
	Oct	49,137	44,952	4,008	0.36%	8.19%
	Nov	49,236	44,753	4,293	0.38%	8.75%
	Dec	49,416	46,799	2,437	0.36%	4.95%
2029	Jan	51,707	46,476	5,018	0.41%	9.75%
	Feb	49,510	45,681	3,662	0.34%	7.42%
	Mar	49,754	44,041	5,544	0.34%	11.18%
	Apr	54,276	47,874	6,208	0.36%	11.48%
	May	54,906	52,936	1,774	0.36%	3.24%
	Jun	57,207	54,029	2,975	0.35%	5.22%
	Jul	53,475	47,892	5,386	0.37%	10.11%
	Aug	52,085	47,206	4,684	0.37%	9.03%
	Sep	54,277	50,220	3,852	0.38%	7.12%
	Oct	51,398	47,020	4,192	0.36%	8.19%
	Nov	51,501	46,813	4,491	0.38%	8.75%
	Dec	51,690	48,953	2,550	0.36%	4.95%
2030	Jan	53,943	48,486	5,235	0.41%	9.75%
	Feb	51,651	47,657	3,821	0.34%	7.42%
	Mar	51,905	45,945	5,784	0.34%	11.18%
	Apr	56,623	49,944	6,476	0.36%	11.48%
	May	57,280	55,224	1,851	0.36%	3.24%
	Jun	59,681	56,365	3,104	0.35%	5.22%
	Jul	55,787	49,963	5,619	0.37%	10.11%
	Aug	54,337	49,247	4,886	0.37%	9.03%
	Sep	56,623	52,391	4,019	0.38%	7.12%
	Oct	53,621	49,053	4,373	0.36%	8.19%
	Nov	53,728	48,837	4,685	0.38%	8.75%
	Dec	53,925	51,070	2,660	0.36%	4.95%

MWh Offtake is forecasted using the 7-year historical data in regression analysis. The assumed average power factor is 96% and load factor is 64%. System Loss was calculated through a Load Flow Study conducted on the year 2019 using SynerGEE 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 5.64% annually.



Transmission Loss range from 0% to 1% while System Loss is expected to range from 4% to 11.86%. The system loss will also be decreasing and will maintain into a single digit due to the continuous system loss reduction program and CAPEX projects.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
2010-137RC	Base	Green Core Geothermal, Inc.	18.00	158,047	3/26/2015	12/25/2025
2011-105RC	Base	Panay Energy Development Corporation	3.50	25,447	4/26/2011	4/25/2036
2005-024RC	Intermediate	Panay Power Corporation	8.00	6,763	4/25/2003	4/24/2023
2016-063RC	Base	Palm Concepcion Power Corporation	6.00	46,622	10/26/2016	10/25/2031
2016-097RC	Base	Panay Energy Development Corporation	8.00	70,080	02/25/2017	2/25/2042

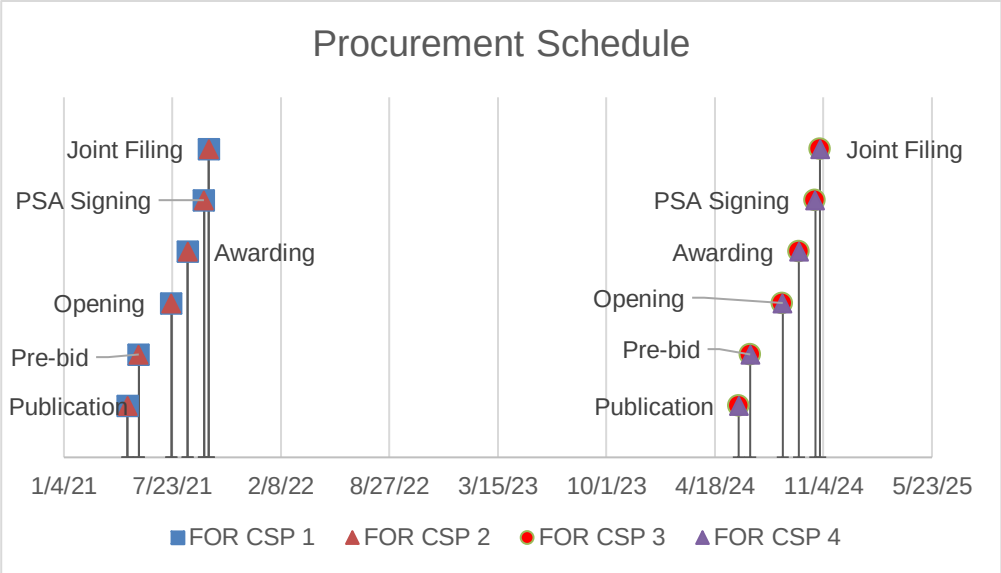
ILECO 1 procures power supply from Green Core Geothermal, Inc., Panay Power Corporation and Panay Energy Development Corporation Unit 1 through proposal and negotiations and Swiss challenge from Palm Concepcion Power Corporation and Panay Energy Development Corporation Unit 3. The entire 4 suppliers are a base load plant while Panay Power Corporation is Intermediate load. The performance of the existing suppliers complies with the obligations based on the power supply contract. ILECO 1 has also a plan to transfer the existing 8MW diesel supply to coal plant to minimize the generation blended rate.

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
	Peaking	SPC Island Power Corporation	4.00	5,840	6/1/2022	6/1/2027

The PSA with SIPC filed with was procured through aggregated bidding of electric coop in Panay which participated by ILECO 1, ILECO 2 and ANTECO. It was selected to provide for peaking requirements due to a diesel fuel plant. SPC Island Power Corporation is diesel plant and located at Dingle, Iloilo.

	FOR CSP 1	FOR CSP 2	FOR CSP 3	FOR CSP 4
Type	Base	Intermediate	Base	Base
Minimum MW	15.00	5.00	15.00	25.00
Minimum MWh/yr	129,600	14,400	129,600	216,000
PSA Start	1/1/2022	1/1/2023	1/1/2025	1/1/2026
PSA End	1/1/2032	1/1/2033	1/1/2035	1/1/2036
Publication	5/1/2021	5/1/2021	6/1/2024	6/1/2024
Pre-bid	5/22/2021	5/22/2021	6/22/2024	6/22/2024
Opening	7/21/2021	7/21/2021	8/21/2024	8/21/2024
Awarding	8/20/2021	8/20/2021	9/20/2024	9/20/2024
PSA Signing	9/19/2021	9/19/2021	10/20/2024	10/20/2024
Joint Filing	9/28/2021	9/28/2021	10/29/2024	10/29/2024

Since ILECO 1 has a significant deficit in terms of the supply requirement, it needs to fast track the procurement timeline to minimize the impact of WESM exposure. Table above shows the schedule of procurement.



For the procurement of CSP1 & CSP2 (15MW-Base and 5MW-Intermediate) of supply which is planned to be available on January 2022 and January 2023, respectively. While its publication or launch of CSP will be on May 2021.

For the procurement of CSP3 & CSP4 (15MW-Base and 25MW-Base) of supply which is planned to be available on January 2025 and January 2026, respectively. While its publication or launch of CSP will be on June 2024.

Captive Customer Connections

The residential connections and energy sales contributes the highest percentage among all the customer class followed by the commercial and industrial. The number of Residential connections is expected to grow at an average rate of 3.03% annually.