

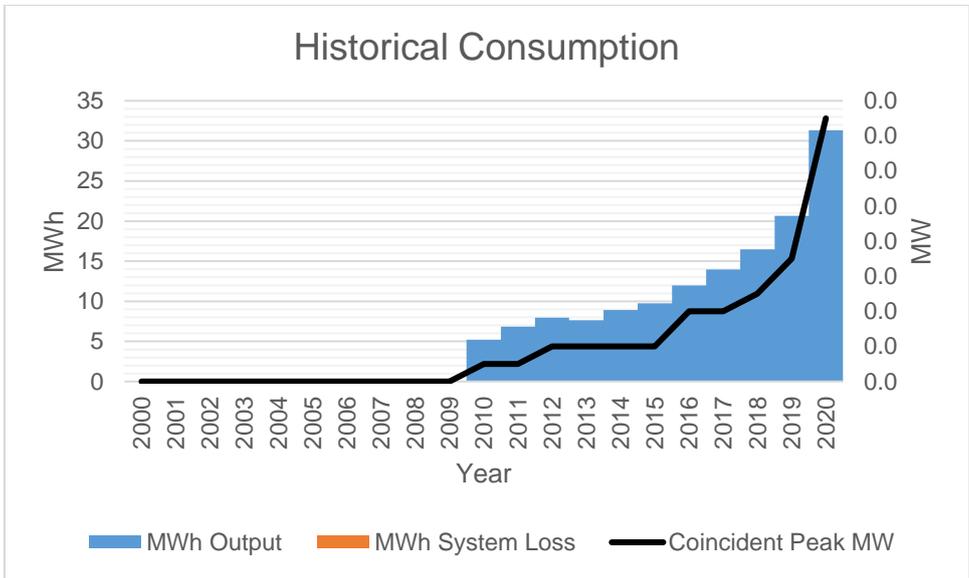
Power Supply Procurement Plan 2021

QUEZON T.A. FORNIER

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	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2001	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2002	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2003	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2004	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2005	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2006	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2007	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2008	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2009	0.00	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2010	0.00	5	0	5	5	0	59%	0.00%	0.00%	0.00%
2011	0.00	7	0	7	7	0	78%	0.00%	0.00%	0.00%
2012	0.00	8	0	8	8	0	46%	0.00%	0.00%	0.00%
2013	0.00	8	0	8	8	0	44%	0.00%	0.00%	0.00%
2014	0.00	9	0	9	9	0	51%	0.00%	0.00%	0.00%
2015	0.00	10	0	10	10	0	56%	0.00%	0.00%	0.00%
2016	0.00	12	0	12	12	0	34%	0.00%	0.00%	0.00%
2017	0.00	14	0	14	14	0	40%	0.00%	0.00%	0.00%
2018	0.01	16	0	16	16	0	38%	0.00%	0.00%	0.00%
2019	0.01	21	0	21	21	0	34%	0.00%	0.00%	0.00%
2020	0.02	31	0	31	31	0	24%	0.00%	0.00%	0.00%

Peak Demand [increased/decreased] from ___ MW in ___ to ___ MW in ___ at a rate of ___% due to ____. MWh Offtake [increased/decreased] from ___ MWh in ___ to ___ MWh in ___ at a rate of ___% due to ____. Within the same period, Load Factor ranged from ___% to ___%. There was an abrupt change in consumption on ___ due to ___.

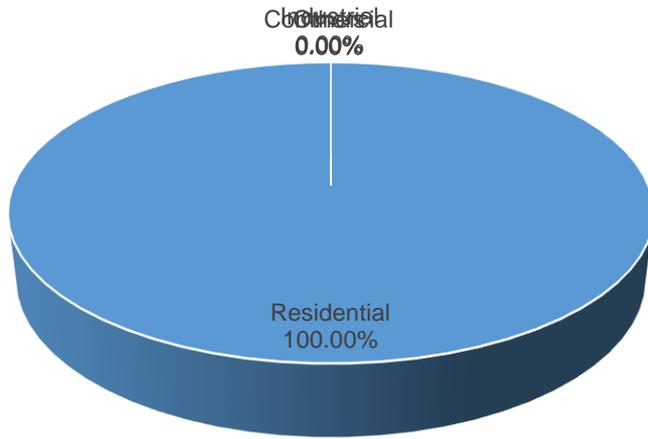


MWh Output [increased/decreased] from year ___ to year ___ at a rate of ___%, while MWh System Loss [increased/decreased] at a rate of ___% within the same period.



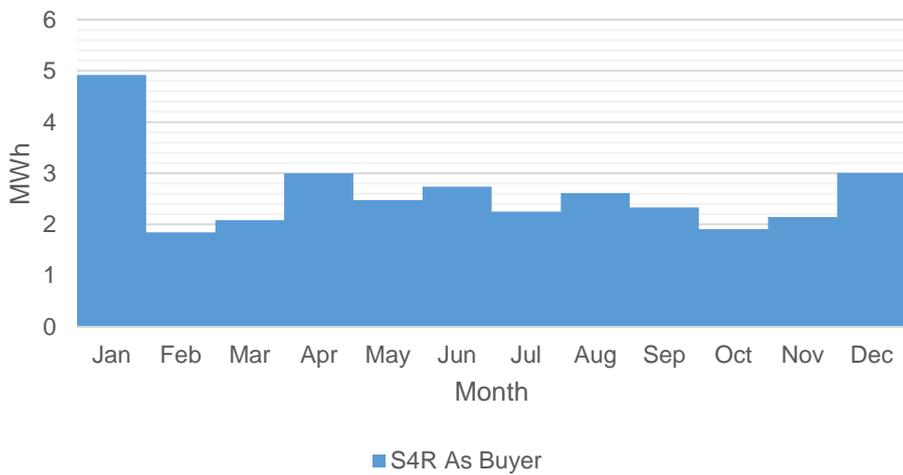
Historically, Transmission Loss ranged from ___% to ___% while System Loss ranged from ___% to ___%. Transmission Loss peaked at ___% on year ___ because of ____. System Loss peaked at ___% on year ___ because of ____.

Previous Year's Shares of Energy Sales



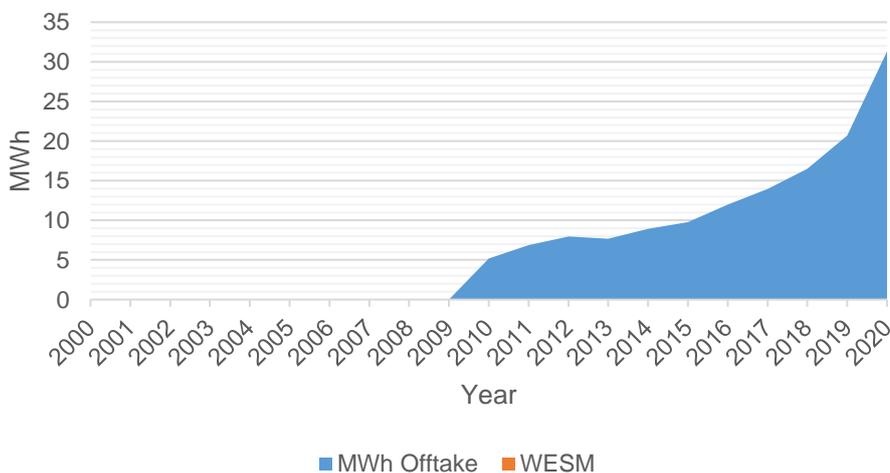
100% Residential

MWh Offtake for Last Historical Year



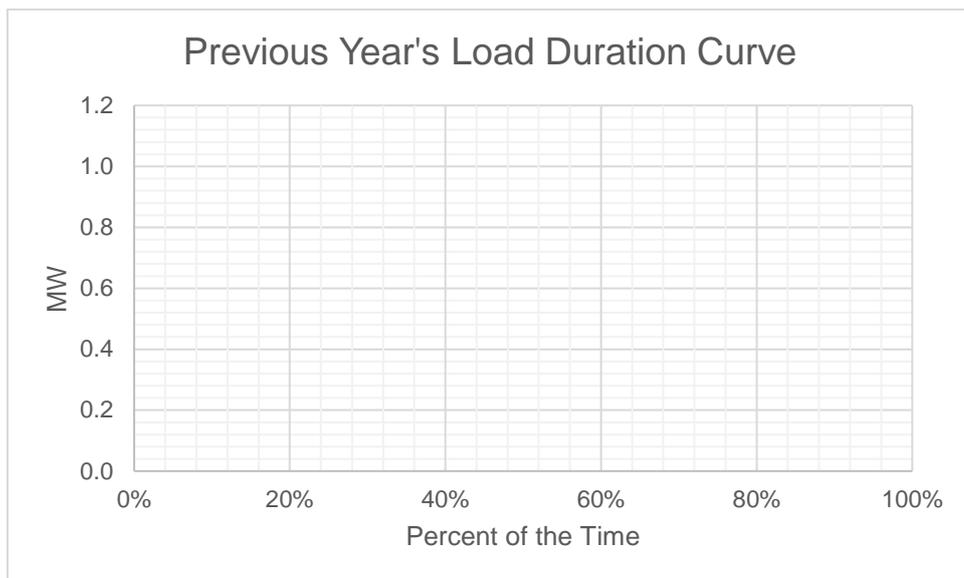
For ____, the total Offtake for the last historical year is [higher/lower] than the quantity stipulated in the PSA. The PSA with ____ accounts for the bulk of MWh Offtake.

WESM Share Over Time

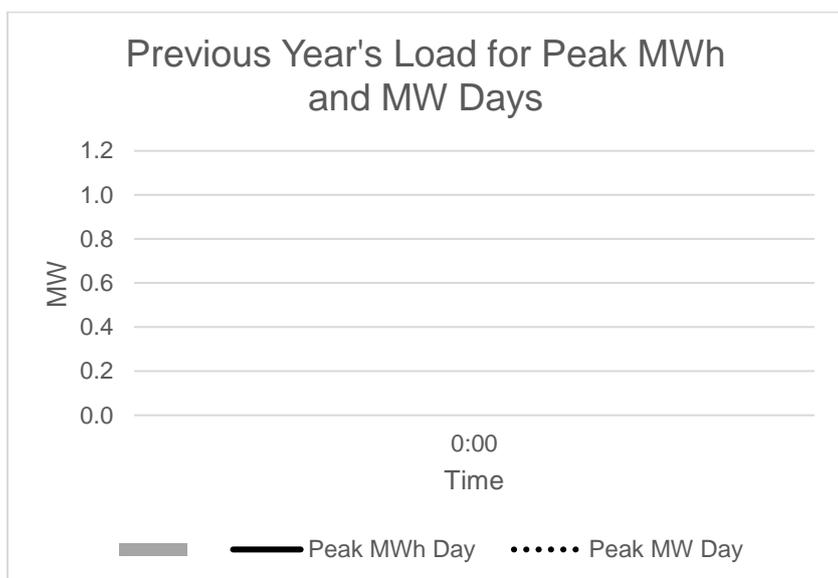


WESM Offtake [increased/decreased] from ____ MWh in ____ to ____ MWh in ____ at a rate of ____% due to _____. The share of WESM in the total Offtake ranged from ____% to ____%. The net WESM transaction is negative from ____ to ____ because _____.

Previous Year's Load Profile



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



Peak MW occurred on ____ due to _____. Peak daily MWh occurred on ____ due to _____. As shown in the Load Curves, the available supply is [higher/lower] than the Peak Demand.

Previous Year's Loading Summary

0.00	0.00	0.00	0.00	0.00
MVA Tot	NCP	CP	Ave	5th PCTL

The Non-coincident Peak Demand is ___ MW, which is around ___% of the total substation capacity of ___ MVA at a power factor of ___. The load factor or the ratio between the Average Load of ___ MW and the Non-coincident Peak Demand is ___% of. A safe estimate of the true minimum load is the fifth percentile load of ___ MW which is ___% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
		0.000

The substations loaded at above 70% are ___. This loading problem will be solved by ___.

Forecasted Consumption Data

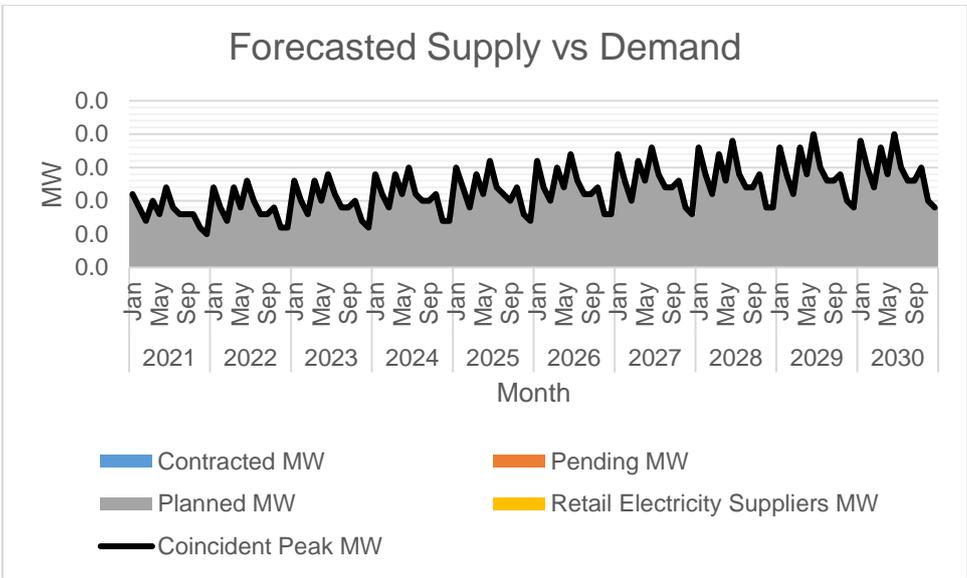
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
2021	Jan	0.01	0.00	0.00	0.011		0%	100%	0.00
	Feb	0.01	0.00	0.00	0.009		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.007		0%	100%	0.00
	Apr	0.01	0.00	0.00	0.010		0%	100%	0.00
	May	0.01	0.00	0.00	0.008		0%	100%	0.00
	Jun	0.01	0.00	0.00	0.012		0%	100%	0.00
	Jul	0.01	0.00	0.00	0.009		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.008		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.008		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.008		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.006		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.005		0%	100%	0.00
2022	Jan	0.01	0.00	0.00	0.012		0%	100%	0.00
	Feb	0.01	0.00	0.00	0.009		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.007		0%	100%	0.00
	Apr	0.01	0.00	0.00	0.012		0%	100%	0.00
	May	0.01	0.00	0.00	0.009		0%	100%	0.00
	Jun	0.01	0.00	0.00	0.013		0%	100%	0.00
	Jul	0.01	0.00	0.00	0.010		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.008		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.008		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.009		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.006		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.006		0%	100%	0.00
2023	Jan	0.01	0.00	0.00	0.013		0%	100%	0.00
	Feb	0.01	0.00	0.00	0.010		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.008		0%	100%	0.00
	Apr	0.01	0.00	0.00	0.013		0%	100%	0.00

	May	0.01	0.00	0.00	0.010		0%	100%	0.00
	Jun	0.01	0.00	0.00	0.014		0%	100%	0.00
	Jul	0.01	0.00	0.00	0.011		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.009		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.009		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.010		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.007		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.006		0%	100%	0.00
2024	Jan	0.01	0.00	0.00	0.014		0%	100%	0.00
	Feb	0.01	0.00	0.00	0.011		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.009		0%	100%	0.00
	Apr	0.01	0.00	0.00	0.014		0%	100%	0.00
	May	0.01	0.00	0.00	0.011		0%	100%	0.00
	Jun	0.02	0.00	0.00	0.015		0%	100%	0.00
	Jul	0.01	0.00	0.00	0.011		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.010		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.010		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.011		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.007		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.007		0%	100%	0.00
2025	Jan	0.02	0.00	0.00	0.015		0%	100%	0.00
	Feb	0.01	0.00	0.00	0.012		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.009		0%	100%	0.00
	Apr	0.01	0.00	0.00	0.014		0%	100%	0.00
	May	0.01	0.00	0.00	0.011		0%	100%	0.00
	Jun	0.02	0.00	0.00	0.016		0%	100%	0.00
	Jul	0.01	0.00	0.00	0.012		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.011		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.010		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.012		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.008		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.007		0%	100%	0.00
2026	Jan	0.02	0.00	0.00	0.016		0%	100%	0.00

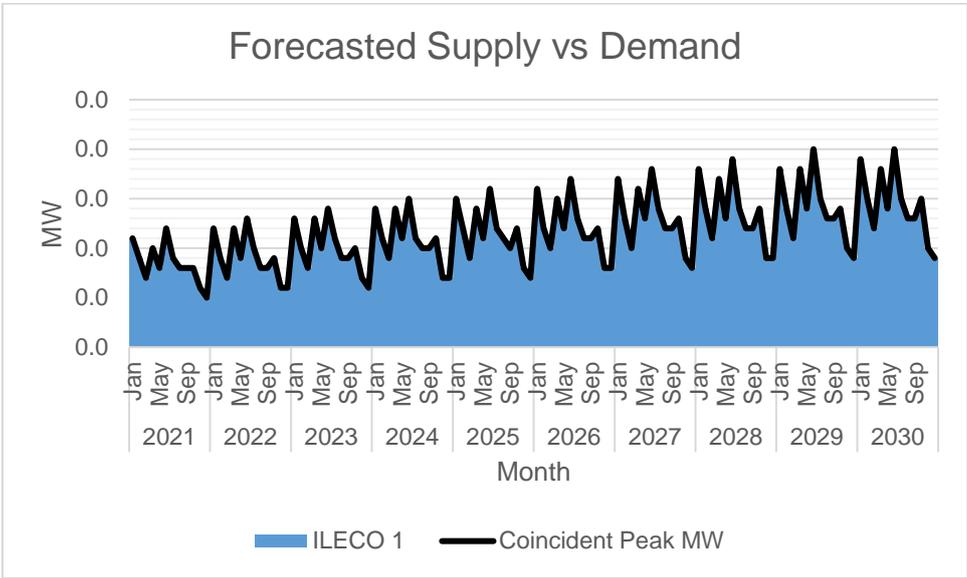
	Feb	0.01	0.00	0.00	0.012		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.010		0%	100%	0.00
	Apr	0.02	0.00	0.00	0.015		0%	100%	0.00
	May	0.01	0.00	0.00	0.012		0%	100%	0.00
	Jun	0.02	0.00	0.00	0.017		0%	100%	0.00
	Jul	0.01	0.00	0.00	0.013		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.011		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.011		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.012		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.008		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.008		0%	100%	0.00
2027	Jan	0.02	0.00	0.00	0.017		0%	100%	0.00
	Feb	0.01	0.00	0.00	0.013		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.010		0%	100%	0.00
	Apr	0.02	0.00	0.00	0.016		0%	100%	0.00
	May	0.01	0.00	0.00	0.013		0%	100%	0.00
	Jun	0.02	0.00	0.00	0.018		0%	100%	0.00
	Jul	0.01	0.00	0.00	0.014		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.012		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.012		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.013		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.009		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.008		0%	100%	0.00
2028	Jan	0.02	0.00	0.00	0.018		0%	100%	0.00
	Feb	0.01	0.00	0.00	0.014		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.011		0%	100%	0.00
	Apr	0.02	0.00	0.00	0.017		0%	100%	0.00
	May	0.01	0.00	0.00	0.013		0%	100%	0.00
	Jun	0.02	0.00	0.00	0.019		0%	100%	0.00
	Jul	0.01	0.00	0.00	0.014		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.012		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.012		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.014		0%	100%	0.00

	Nov	0.01	0.00	0.00	0.009		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.009		0%	100%	0.00
2029	Jan	0.02	0.00	0.00	0.018		0%	100%	0.00
	Feb	0.01	0.00	0.00	0.014		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.011		0%	100%	0.00
	Apr	0.02	0.00	0.00	0.018		0%	100%	0.00
	May	0.01	0.00	0.00	0.014		0%	100%	0.00
	Jun	0.02	0.00	0.00	0.020		0%	100%	0.00
	Jul	0.02	0.00	0.00	0.015		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.013		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.013		0%	100%	0.00
	Oct	0.01	0.00	0.00	0.014		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.010		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.009		0%	100%	0.00
2030	Jan	0.02	0.00	0.00	0.019		0%	100%	0.00
	Feb	0.02	0.00	0.00	0.015		0%	100%	0.00
	Mar	0.01	0.00	0.00	0.012		0%	100%	0.00
	Apr	0.02	0.00	0.00	0.018		0%	100%	0.00
	May	0.01	0.00	0.00	0.014		0%	100%	0.00
	Jun	0.02	0.00	0.00	0.020		0%	100%	0.00
	Jul	0.02	0.00	0.00	0.015		0%	100%	0.00
	Aug	0.01	0.00	0.00	0.013		0%	100%	0.00
	Sep	0.01	0.00	0.00	0.013		0%	100%	0.00
	Oct	0.02	0.00	0.00	0.015		0%	100%	0.00
	Nov	0.01	0.00	0.00	0.010		0%	100%	0.00
	Dec	0.01	0.00	0.00	0.009		0%	100%	0.00

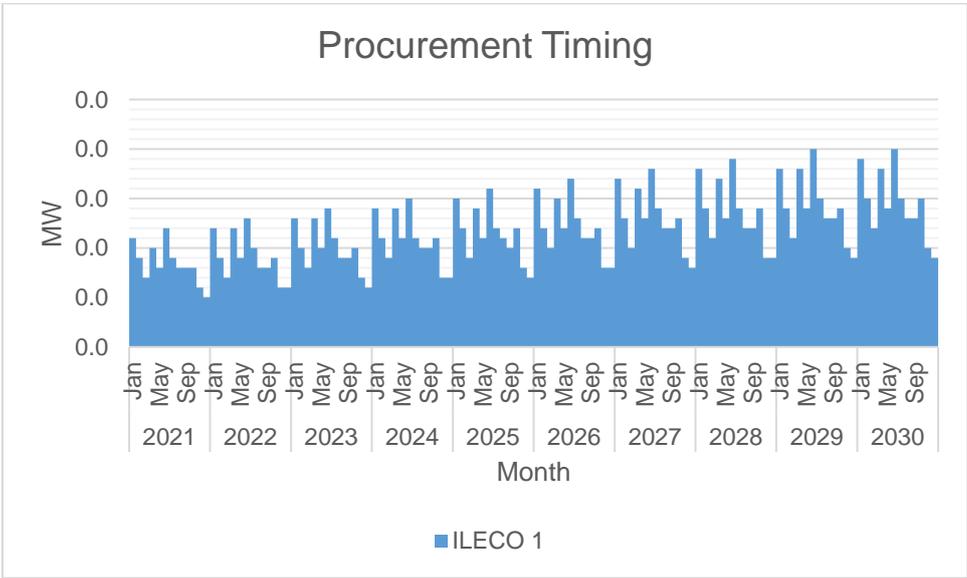
The Peak Demand was forecasted using ___ and was assumed to occur on the month of ___ due to ___. Monthly Peak Demand is at its lowest on the month of ___ due to ___. In general, Peak Demand is expected to grow at a rate of ___% annually.



The available supply is generally [above/below] the Peak Demand. This is because ____.



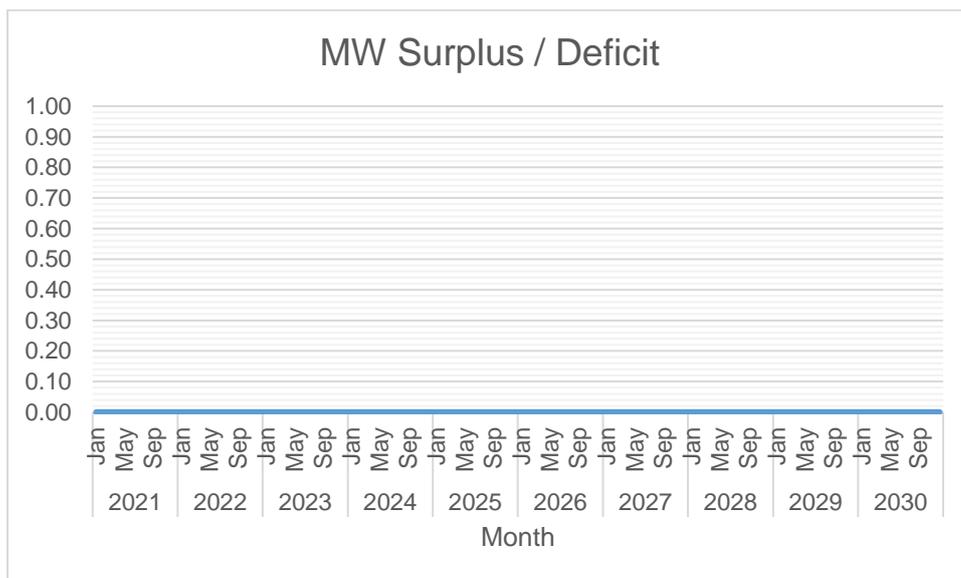
Of the available supply, the largest is ____ MW from _____. This is followed by ____ MW from _____.



The first wave of supply procurement will be for ___ MW planned to be available by the month of ___. This will be followed by ___.



Currently, there is [under-contacting/over-contacting] by ___%. The highest target contracting level is ___% which is expected to occur on ___. The lowest target contracting level is ___% which is expected to occur on ___.



Currently, there is [under-contacting/over-contacting] by ___ MW. The highest [surplus/deficit] is ___ MW which is expected to occur on the month of ___. The lowest [surplus/deficit] is ___ MW which is expected to occur on the month of ___.

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2021	Jan	4	4	0	0.00%	0.00%
	Feb	3	3	0	0.00%	0.00%
	Mar	2	2	0	0.00%	0.00%
	Apr	3	3	0	0.00%	0.00%
	May	3	3	0	0.00%	0.00%
	Jun	4	4	0	0.00%	0.00%
	Jul	3	3	0	0.00%	0.00%

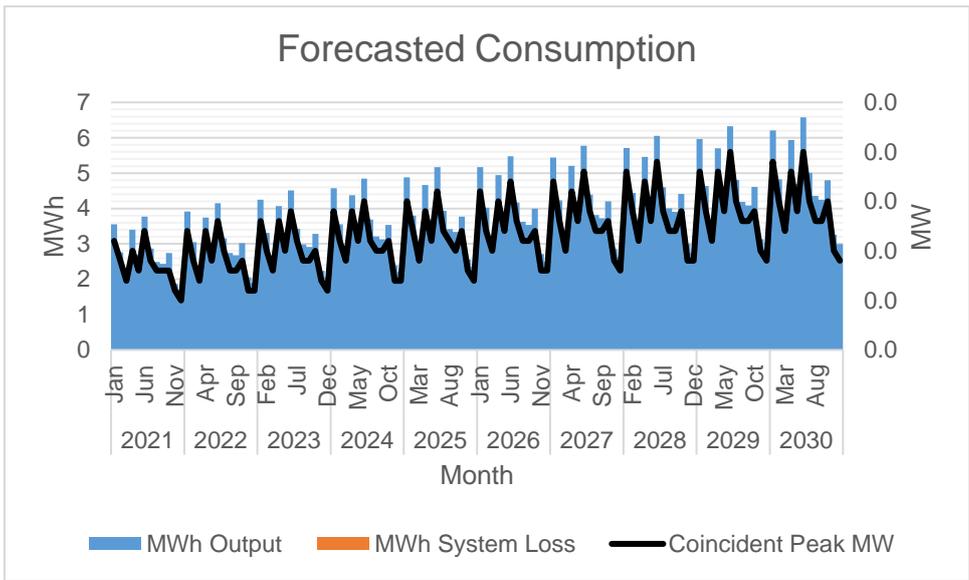
	Aug	2	2	0	0.00%	0.00%
	Sep	2	2	0	0.00%	0.00%
	Oct	3	3	0	0.00%	0.00%
	Nov	2	2	0	0.00%	0.00%
	Dec	2	2	0	0.00%	0.00%
2022	Jan	4	4	0	0.00%	0.00%
	Feb	3	3	0	0.00%	0.00%
	Mar	2	2	0	0.00%	0.00%
	Apr	4	4	0	0.00%	0.00%
	May	3	3	0	0.00%	0.00%
	Jun	4	4	0	0.00%	0.00%
	Jul	3	3	0	0.00%	0.00%
	Aug	3	3	0	0.00%	0.00%
	Sep	3	3	0	0.00%	0.00%
	Oct	3	3	0	0.00%	0.00%
	Nov	2	2	0	0.00%	0.00%
	Dec	2	2	0	0.00%	0.00%
2023	Jan	4	4	0	0.00%	0.00%
	Feb	3	3	0	0.00%	0.00%
	Mar	3	3	0	0.00%	0.00%
	Apr	4	4	0	0.00%	0.00%
	May	3	3	0	0.00%	0.00%
	Jun	5	5	0	0.00%	0.00%
	Jul	3	3	0	0.00%	0.00%
	Aug	3	3	0	0.00%	0.00%
	Sep	3	3	0	0.00%	0.00%
	Oct	3	3	0	0.00%	0.00%
	Nov	2	2	0	0.00%	0.00%
	Dec	2	2	0	0.00%	0.00%
2024	Jan	5	5	0	0.00%	0.00%
	Feb	4	4	0	0.00%	0.00%
	Mar	3	3	0	0.00%	0.00%
	Apr	4	4	0	0.00%	0.00%
	May	3	3	0	0.00%	0.00%
	Jun	5	5	0	0.00%	0.00%
	Jul	4	4	0	0.00%	0.00%
	Aug	3	3	0	0.00%	0.00%
	Sep	3	3	0	0.00%	0.00%
	Oct	4	4	0	0.00%	0.00%
	Nov	2	2	0	0.00%	0.00%
	Dec	2	2	0	0.00%	0.00%
2025	Jan	5	5	0	0.00%	0.00%
	Feb	4	4	0	0.00%	0.00%
	Mar	3	3	0	0.00%	0.00%
	Apr	5	5	0	0.00%	0.00%
	May	4	4	0	0.00%	0.00%
	Jun	5	5	0	0.00%	0.00%
	Jul	4	4	0	0.00%	0.00%
	Aug	3	3	0	0.00%	0.00%

	Sep	3	3	0	0.00%	0.00%
	Oct	4	4	0	0.00%	0.00%
	Nov	3	3	0	0.00%	0.00%
	Dec	2	2	0	0.00%	0.00%
2026	Jan	5	5	0	0.00%	0.00%
	Feb	4	4	0	0.00%	0.00%
	Mar	3	3	0	0.00%	0.00%
	Apr	5	5	0	0.00%	0.00%
	May	4	4	0	0.00%	0.00%
	Jun	5	5	0	0.00%	0.00%
	Jul	4	4	0	0.00%	0.00%
	Aug	4	4	0	0.00%	0.00%
	Sep	4	4	0	0.00%	0.00%
	Oct	4	4	0	0.00%	0.00%
	Nov	3	3	0	0.00%	0.00%
	Dec	2	2	0	0.00%	0.00%
2027	Jan	5	5	0	0.00%	0.00%
	Feb	4	4	0	0.00%	0.00%
	Mar	3	3	0	0.00%	0.00%
	Apr	5	5	0	0.00%	0.00%
	May	4	4	0	0.00%	0.00%
	Jun	6	6	0	0.00%	0.00%
	Jul	4	4	0	0.00%	0.00%
	Aug	4	4	0	0.00%	0.00%
	Sep	4	4	0	0.00%	0.00%
	Oct	4	4	0	0.00%	0.00%
	Nov	3	3	0	0.00%	0.00%
	Dec	3	3	0	0.00%	0.00%
2028	Jan	6	6	0	0.00%	0.00%
	Feb	4	4	0	0.00%	0.00%
	Mar	3	3	0	0.00%	0.00%
	Apr	5	5	0	0.00%	0.00%
	May	4	4	0	0.00%	0.00%
	Jun	6	6	0	0.00%	0.00%
	Jul	5	5	0	0.00%	0.00%
	Aug	4	4	0	0.00%	0.00%
	Sep	4	4	0	0.00%	0.00%
	Oct	4	4	0	0.00%	0.00%
	Nov	3	3	0	0.00%	0.00%
	Dec	3	3	0	0.00%	0.00%
2029	Jan	6	6	0	0.00%	0.00%
	Feb	5	5	0	0.00%	0.00%
	Mar	4	4	0	0.00%	0.00%
	Apr	6	6	0	0.00%	0.00%
	May	5	5	0	0.00%	0.00%
	Jun	6	6	0	0.00%	0.00%
	Jul	5	5	0	0.00%	0.00%
	Aug	4	4	0	0.00%	0.00%
	Sep	4	4	0	0.00%	0.00%

	Oct	5	5	0	0.00%	0.00%
	Nov	3	3	0	0.00%	0.00%
	Dec	3	3	0	0.00%	0.00%
2030	Jan	6	6	0	0.00%	0.00%
	Feb	5	5	0	0.00%	0.00%
	Mar	4	4	0	0.00%	0.00%
	Apr	6	6	0	0.00%	0.00%
	May	5	5	0	0.00%	0.00%
	Jun	7	7	0	0.00%	0.00%
	Jul	5	5	0	0.00%	0.00%
	Aug	4	4	0	0.00%	0.00%
	Sep	4	4	0	0.00%	0.00%
	Oct	5	5	0	0.00%	0.00%
	Nov	3	3	0	0.00%	0.00%
	Dec	3	3	0	0.00%	0.00%

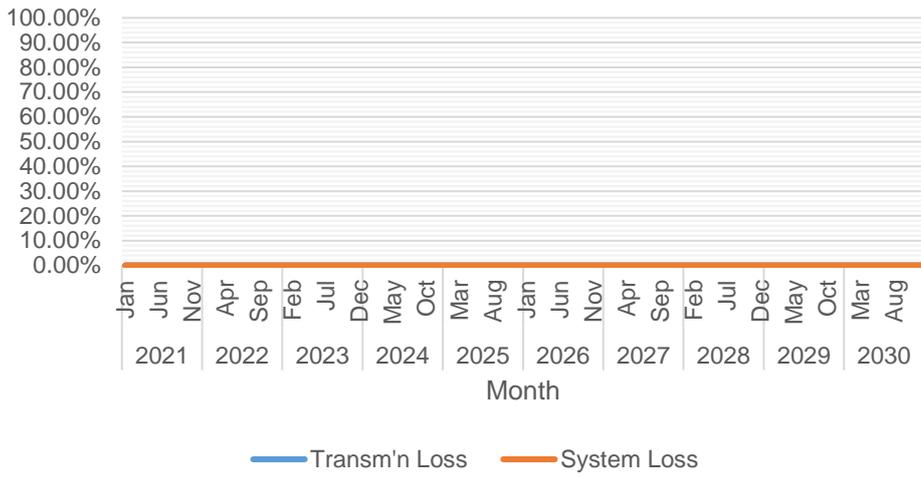
MWh Offtake was forecasted using _____. The assumed load factor is _____%.

System Loss was calculated through a Load Flow Study conducted on _____ by _____ using _____ software. Based on the same study, the Distribution System [can/cannot] adequately convey electricity to customers.



MWh Output was expected to grow at a rate of _____ annually.

Forecasted Losses



Transmission Loss is expected to range from ___% to ___% while System Loss is expected to range from ___% to ___%.

Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
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The PSA with ___ filed with ERC under Case No. ___ was procured through ____. It was selected to provide for [base/intermediate/peaking] requirements due to ____. Historically, the utilization of the PSA is ___%. Outages of the plant led to unserved energy of around ___ MWh in the past year. The actual billed overall monthly charge under the PSA ranged from ___ P/kWh to ___ P/KWh in the same period.

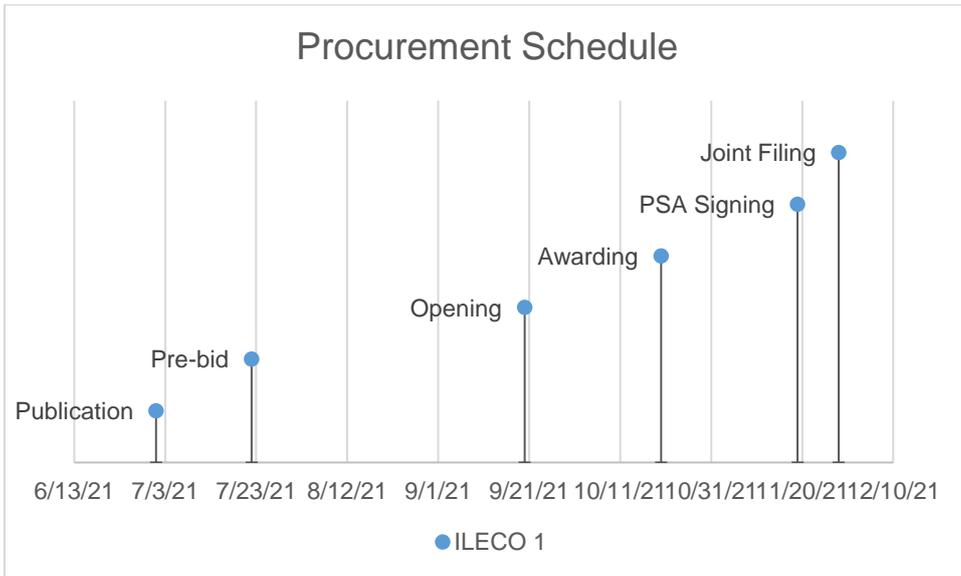
[Repeat as needed]

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
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The PSA with ___ filed with ERC under Case No. ___ was procured through ____. It was selected to provide for [base/intermediate/peaking] requirements due to ____. Historically, the utilization of the PSA is ___%. Outages of the plant led to unserved energy of around ___ MWh in the past year. The actual billed overall monthly charge under the PSA ranged from ___ P/kWh to ___ P/KWh in the same period.

[Repeat as needed]

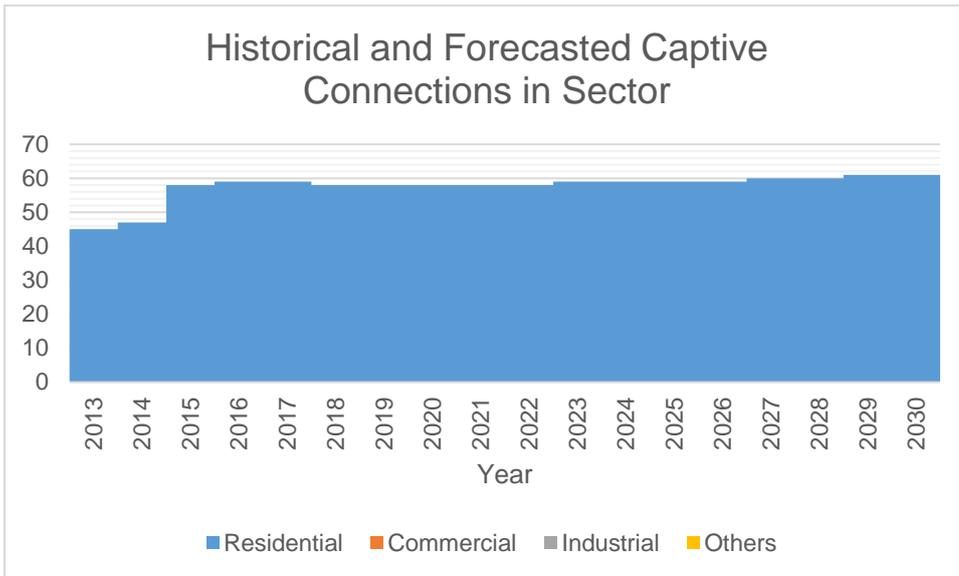
ILECO 1	
Type	Base
Minimum MW	0.01
Minimum MWh/yr	61
PSA Start	12/26/2021
PSA End	12/25/2030
Publication	7/1/2021
Pre-bid	7/22/2021
Opening	9/20/2021
Awarding	10/20/2021
PSA Signing	11/19/2021
Joint Filing	11/28/2021



For the procurement of ___ MW of supply which is planned to be available on ___, the first publication or launch of CSP will be on ___. Joint filing is planned on ___, or 150 days later, in accordance with DOE’s 2018 CSP Policy.

[Repeat as needed]

Captive Customer Connections



The number of ___ connections is expected to grow at a rate of ___% annually. Said customer class is expected to account for ___% of the total consumption.