

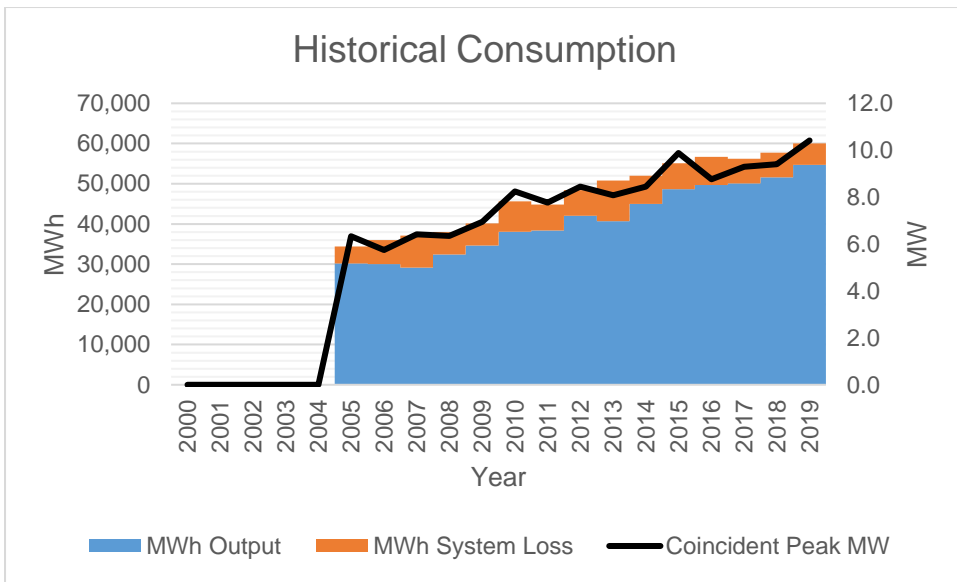
Power Supply Procurement Plan 2020

First Bay Power Corporation

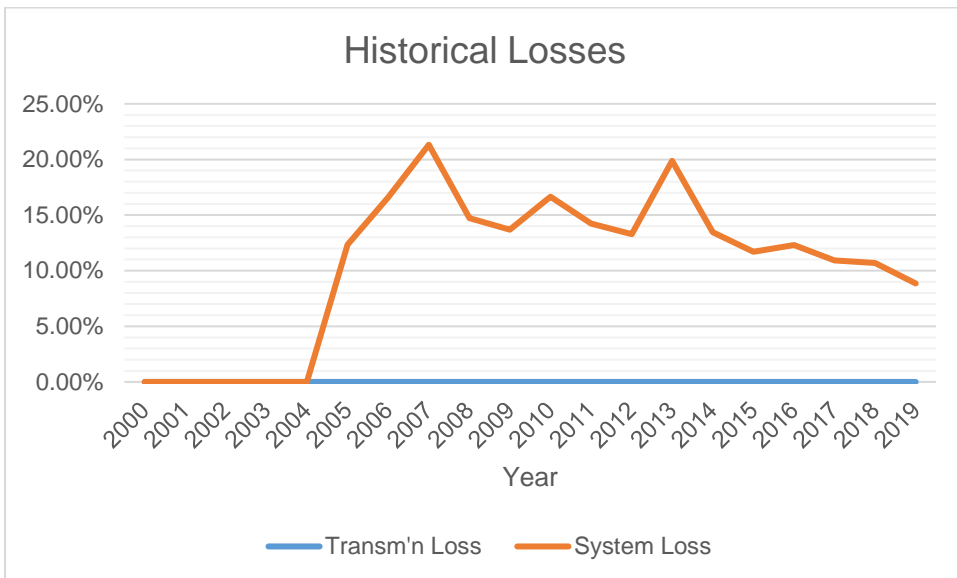
Historical Consumption Data

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output	MWh System Loss	Load Factor	Discrepancy	Transm'n Loss	System Loss
2000	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	6.33	34,387	0	34,387	30,142	4,245	62%	0.00%	0.00%	12.34%
2006	5.75	35,993	0	35,993	30,018	5,975	71%	0.00%	0.00%	16.60%
2007	6.42	37,079	0	37,079	29,174	7,905	66%	0.00%	0.00%	21.32%
2008	6.34	38,017	0	38,017	32,422	5,595	68%	0.00%	0.00%	14.72%
2009	6.95	40,156	0	40,156	34,656	5,500	66%	0.00%	0.00%	13.70%
2010	8.25	45,614	0	45,614	38,021	7,593	63%	0.00%	0.00%	16.65%
2011	7.76	44,788	0	44,788	38,409	6,379	66%	0.00%	0.00%	14.24%
2012	8.45	48,444	0	48,444	42,012	6,432	65%	0.00%	0.00%	13.28%
2013	8.09	50,789	0	50,789	40,691	10,098	72%	0.00%	0.00%	19.88%
2014	8.45	51,966	0	51,966	44,969	6,997	70%	0.00%	0.00%	13.46%
2015	9.88	55,100	0	55,100	48,660	6,440	64%	0.00%	0.00%	11.69%
2016	8.76	56,663	0	56,663	49,691	6,972	74%	0.00%	0.00%	12.30%
2017	9.30	56,241	0	56,241	50,097	6,144	69%	0.00%	0.00%	10.92%
2018	9.41	57,762	0	57,762	51,593	6,169	70%	0.00%	0.00%	10.68%
2019	10.42	60,055	0	60,055	54,739	5,316	66%	0.00%	0.00%	8.85%

Peak Demand increased from 9.41 MW in 2018 to 10.42 MW in 2019 at a rate of 10.7% due to increasing number of customer connected. Load Factor ranged from 62% to 74%.

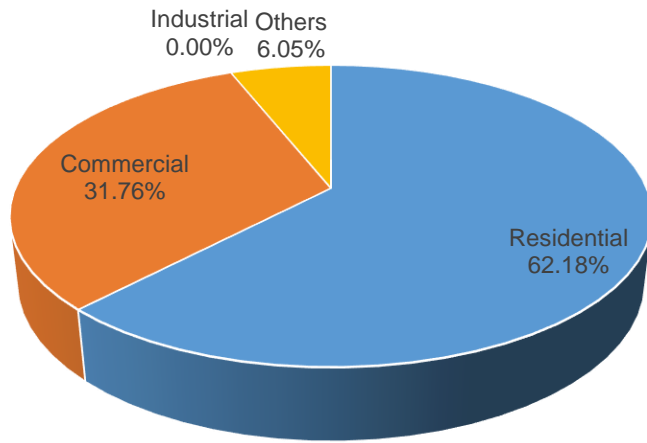


MWh Output increased from year 2018 to year 2019 at a rate of 6%, while MWh System Loss decreased at a rate of 17% within the same period.



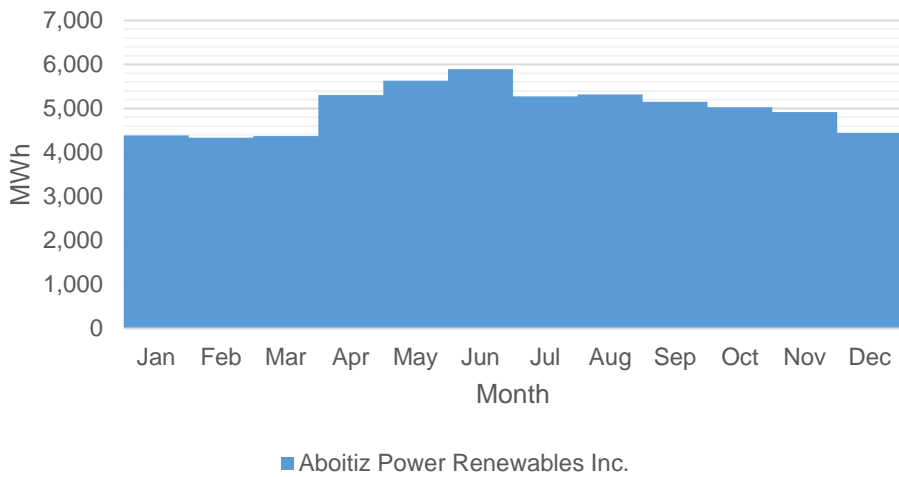
Historically, System Loss peaked at 21.32% on year 2007 because of overated-transformers and administrative losses.

Previous Year's Shares of Energy Sales



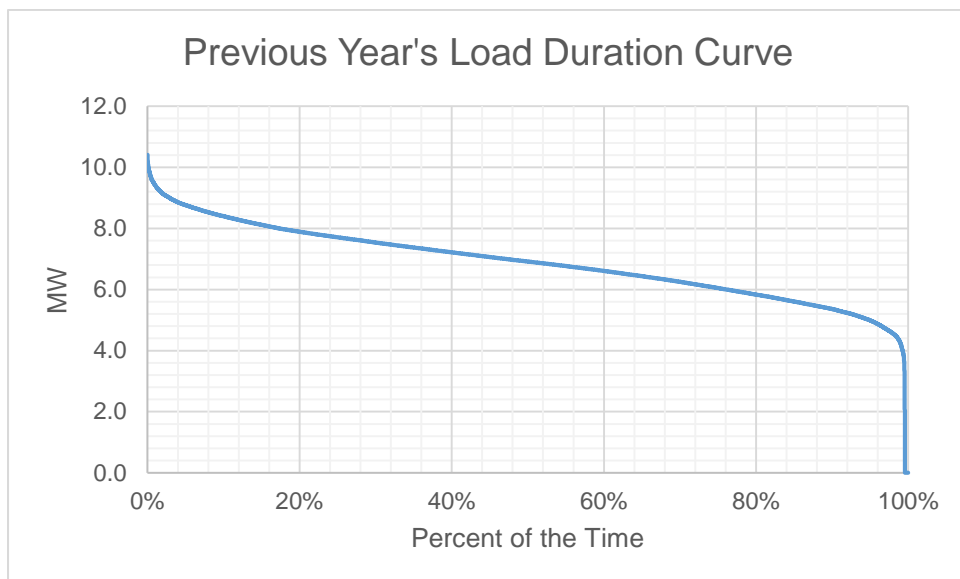
Residential customers account for the bulk of energy sales at 60% due to the high number of connections. In contrast, Others customers accounted for only 5% of energy sales due to the low number of connections.

MWh Offtake for Last Historical Year

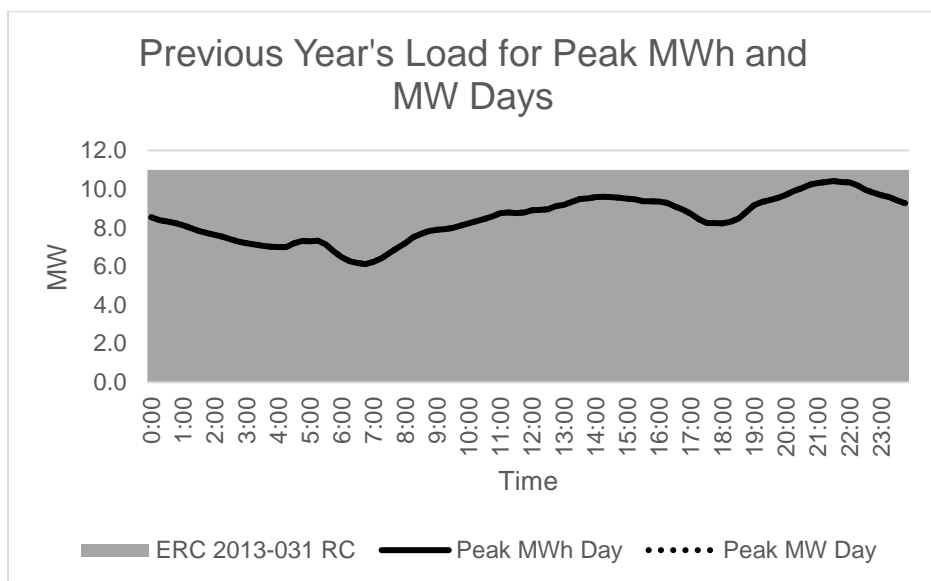


For Aboitiz Power Renewables Inc., the total Offtake for the last historical year is higher than the quantity stipulated in the PSA. The PSA with APRI accounts for the bulk of MWh Offtake.

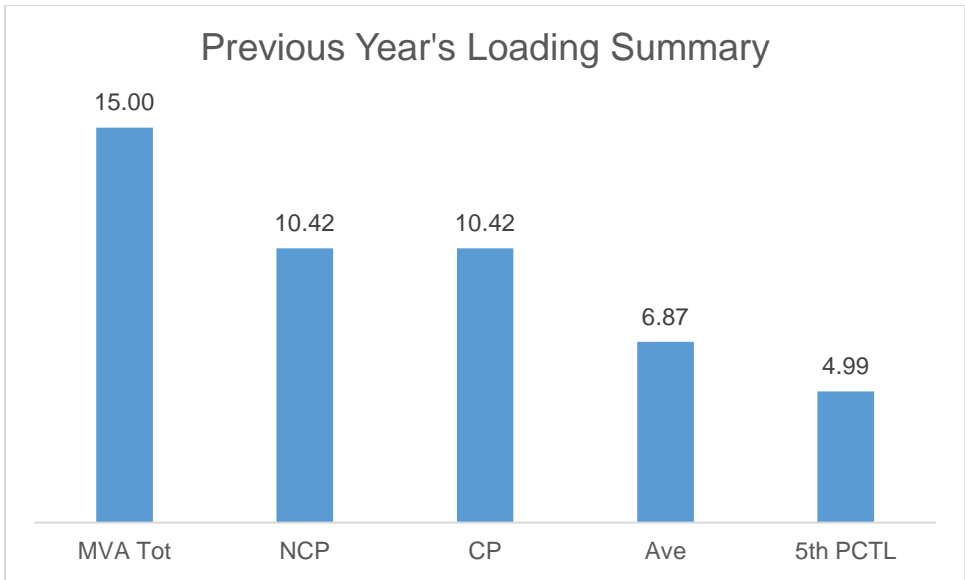
Previous Year's Load Profile



Based on the Load Duration Curve, the minimum load is 0 MW and the maximum load is 10.42 MW for the last historical year.



Peak MW occurred on 2200H due to the fact that most of FBPC customers are Residential customers. Peak daily MWh occurred on 2200H. As shown in the Load Curves, the available supply is higher than the Peak Demand.



The Non-coincident Peak Demand is 10.42 MW, which is around 69% of the total substation capacity of 15 MVA at a power factor of 95.71. The load factor or the ratio between the Average Load of 6.87 MW and the Non-coincident Peak Demand is 66%. A safe estimate of the true minimum load is the fifth percentile load of 4.99 MW which is 48% of the Non-coincident Peak Demand.

Metering Point	Substation MVA	Substation Peak MW
First Bay SS 1	15	10.417

The substation 1 loaded at above 70%. This loading problem will be solved by the construction of additional 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
2020	Jan	8.35	11.00	0.00	0.000		132%	132%	2.65
	Feb	8.01	11.00	0.00	0.000		137%	137%	2.99
	Mar	8.96	11.00	0.00	0.000		123%	123%	2.04
	Apr	9.06	11.00	0.00	0.000		121%	121%	1.94
	May	10.36	11.00	0.00	0.000		106%	106%	0.64
	Jun	10.92	11.00	0.00	0.000		101%	101%	0.08
	Jul	10.27	11.00	0.00	0.000		107%	107%	0.73
	Aug	10.21	11.00	0.00	0.000		108%	108%	0.79
	Sep	9.81	11.00	0.00	0.000		112%	112%	1.19
	Oct	9.57	11.00	0.00	0.000		115%	115%	1.43
	Nov	9.20	11.00	0.00	0.000		120%	120%	1.80
	Dec	9.41	11.00	0.00	0.000		117%	117%	1.59
2021	Jan	9.26	11.00	0.00	0.000		119%	119%	1.74
	Feb	8.32	0.00	0.00	10.000		0%	120%	1.68
	Mar	9.12	0.00	0.00	10.000		0%	110%	0.88
	Apr	9.66	0.00	0.00	10.000		0%	103%	0.34
	May	10.47	0.00	0.00	10.000		0%	95%	-0.47
	Jun	10.49	0.00	0.00	10.000		0%	95%	-0.49
	Jul	9.88	0.00	0.00	10.000		0%	101%	0.12
	Aug	9.83	0.00	0.00	10.000		0%	102%	0.17
	Sep	9.40	0.00	0.00	10.000		0%	106%	0.60
	Oct	9.45	0.00	0.00	10.000		0%	106%	0.55
	Nov	9.24	0.00	0.00	10.000		0%	108%	0.76
	Dec	9.30	0.00	0.00	10.000		0%	108%	0.70
2022	Jan	9.34	0.00	0.00	10.000		0%	107%	0.66
	Feb	8.62	0.00	0.00	10.000		0%	116%	1.38
	Mar	9.39	0.00	0.00	10.000		0%	106%	0.61
	Apr	10.31	0.00	0.00	10.000		0%	97%	-0.31

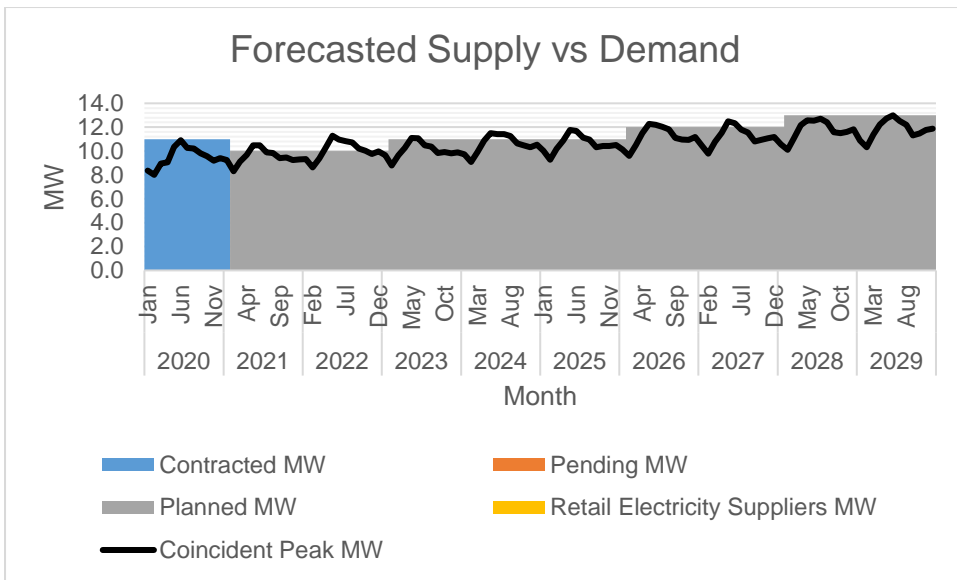
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	May	11.28	0.00	0.00	10.000		0%	89%	-1.28
	Jun	10.95	0.00	0.00	10.000		0%	91%	-0.95
	Jul	10.82	0.00	0.00	10.000		0%	92%	-0.82
	Aug	10.71	0.00	0.00	10.000		0%	93%	-0.71
	Sep	10.22	0.00	0.00	10.000		0%	98%	-0.22
	Oct	10.02	0.00	0.00	10.000		0%	100%	-0.02
	Nov	9.75	0.00	0.00	10.000		0%	103%	0.25
	Dec	9.96	0.00	0.00	10.000		0%	100%	0.04
2023	Jan	9.64	0.00	0.00	10.000		0%	104%	0.36
	Feb	8.78	0.00	0.00	11.000		0%	125%	2.22
	Mar	9.64	0.00	0.00	11.000		0%	114%	1.36
	Apr	10.25	0.00	0.00	11.000		0%	107%	0.75
	May	11.11	0.00	0.00	11.000		0%	99%	-0.11
	Jun	11.07	0.00	0.00	11.000		0%	99%	-0.07
	Jul	10.49	0.00	0.00	11.000		0%	105%	0.51
	Aug	10.38	0.00	0.00	11.000		0%	106%	0.62
	Sep	9.85	0.00	0.00	11.000		0%	112%	1.15
	Oct	9.92	0.00	0.00	11.000		0%	111%	1.08
	Nov	9.82	0.00	0.00	11.000		0%	112%	1.18
	Dec	9.89	0.00	0.00	11.000		0%	111%	1.11
2024	Jan	9.73	0.00	0.00	11.000		0%	113%	1.27
	Feb	9.09	0.00	0.00	11.000		0%	121%	1.91
	Mar	9.93	0.00	0.00	11.000		0%	111%	1.07
	Apr	10.89	0.00	0.00	11.000		0%	101%	0.11
	May	11.51	0.00	0.00	11.000		0%	96%	-0.51
	Jun	11.42	0.00	0.00	11.000		0%	96%	-0.42
	Jul	11.41	0.00	0.00	11.000		0%	96%	-0.41
	Aug	11.25	0.00	0.00	11.000		0%	98%	-0.25
	Sep	10.66	0.00	0.00	11.000		0%	103%	0.34
	Oct	10.48	0.00	0.00	11.000		0%	105%	0.52

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Nov	10.33	0.00	0.00	11.000		0%	106%	0.67
	Dec	10.55	0.00	0.00	11.000		0%	104%	0.45
2025	Jan	10.04	0.00	0.00	11.000		0%	110%	0.96
	Feb	9.27	0.00	0.00	11.000		0%	119%	1.73
	Mar	10.20	0.00	0.00	11.000		0%	108%	0.80
	Apr	10.88	0.00	0.00	11.000		0%	101%	0.12
	May	11.78	0.00	0.00	11.000		0%	93%	-0.78
	Jun	11.68	0.00	0.00	11.000		0%	94%	-0.68
	Jul	11.13	0.00	0.00	11.000		0%	99%	-0.13
	Aug	10.96	0.00	0.00	11.000		0%	100%	0.04
	Sep	10.32	0.00	0.00	11.000		0%	107%	0.68
	Oct	10.42	0.00	0.00	11.000		0%	106%	0.58
	Nov	10.43	0.00	0.00	11.000		0%	105%	0.57
	Dec	10.51	0.00	0.00	11.000		0%	105%	0.49
2026	Jan	10.14	0.00	0.00	11.000		0%	108%	0.86
	Feb	9.58	0.00	0.00	12.000		0%	125%	2.42
	Mar	10.50	0.00	0.00	12.000		0%	114%	1.50
	Apr	11.51	0.00	0.00	12.000		0%	104%	0.49
	May	12.27	0.00	0.00	12.000		0%	98%	-0.27
	Jun	12.21	0.00	0.00	12.000		0%	98%	-0.21
	Jul	12.04	0.00	0.00	12.000		0%	100%	-0.04
	Aug	11.81	0.00	0.00	12.000		0%	102%	0.19
	Sep	11.11	0.00	0.00	12.000		0%	108%	0.89
	Oct	10.98	0.00	0.00	12.000		0%	109%	1.02
	Nov	10.95	0.00	0.00	12.000		0%	110%	1.05
	Dec	11.17	0.00	0.00	12.000		0%	107%	0.83
2027	Jan	10.45	0.00	0.00	12.000		0%	115%	1.55
	Feb	9.78	0.00	0.00	12.000		0%	123%	2.22
	Mar	10.78	0.00	0.00	12.000		0%	111%	1.22
	Apr	11.54	0.00	0.00	12.000		0%	104%	0.46

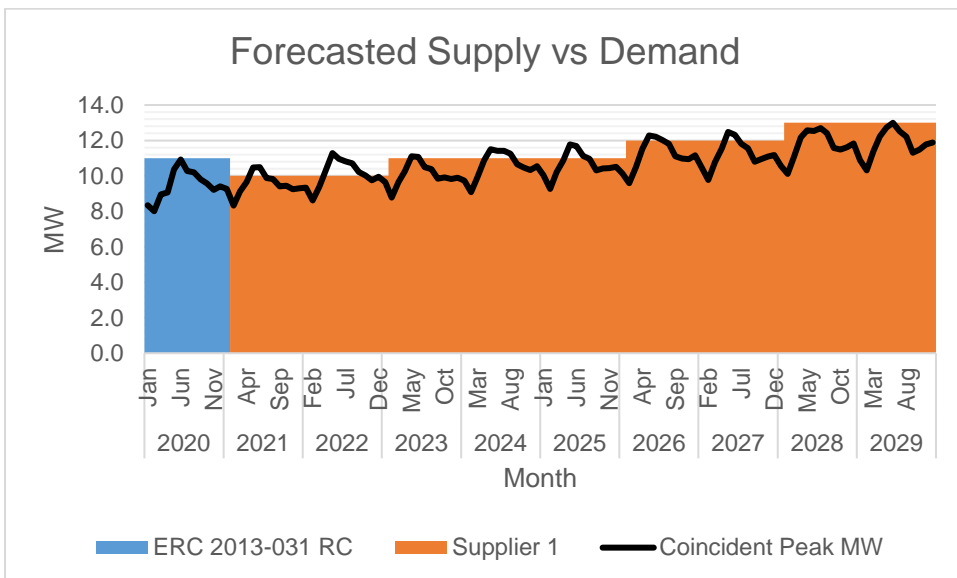
		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	May	12.49	0.00	0.00	12.000		0%	96%	-0.49
	Jun	12.32	0.00	0.00	12.000		0%	97%	-0.32
	Jul	11.80	0.00	0.00	12.000		0%	102%	0.20
	Aug	11.56	0.00	0.00	12.000		0%	104%	0.44
	Sep	10.80	0.00	0.00	12.000		0%	111%	1.20
	Oct	10.94	0.00	0.00	12.000		0%	110%	1.06
	Nov	11.08	0.00	0.00	12.000		0%	108%	0.92
	Dec	11.18	0.00	0.00	12.000		0%	107%	0.82
2028	Jan	10.57	0.00	0.00	12.000		0%	114%	1.43
	Feb	10.11	0.00	0.00	13.000		0%	129%	2.89
	Mar	11.10	0.00	0.00	13.000		0%	117%	1.90
	Apr	12.17	0.00	0.00	13.000		0%	107%	0.83
	May	12.58	0.00	0.00	13.000		0%	103%	0.42
	Jun	12.54	0.00	0.00	13.000		0%	104%	0.46
	Jul	12.70	0.00	0.00	13.000		0%	102%	0.30
	Aug	12.41	0.00	0.00	13.000		0%	105%	0.59
	Sep	11.58	0.00	0.00	13.000		0%	112%	1.42
	Oct	11.49	0.00	0.00	13.000		0%	113%	1.51
	Nov	11.61	0.00	0.00	13.000		0%	112%	1.39
	Dec	11.83	0.00	0.00	13.000		0%	110%	1.17
2029	Jan	10.89	0.00	0.00	13.000		0%	119%	2.11
	Feb	10.32	0.00	0.00	13.000		0%	126%	2.68
	Mar	11.40	0.00	0.00	13.000		0%	114%	1.60
	Apr	12.23	0.00	0.00	13.000		0%	106%	0.77
	May	12.74	0.00	0.00	13.000		0%	102%	0.26
	Jun	13.00	0.00	0.00	13.000		0%	100%	0.00
	Jul	12.52	0.00	0.00	13.000		0%	104%	0.48
	Aug	12.20	0.00	0.00	13.000		0%	107%	0.80
	Sep	11.31	0.00	0.00	13.000		0%	115%	1.69
	Oct	11.48	0.00	0.00	13.000		0%	113%	1.52

		Coincident Peak MW	Contracted MW	Pending MW	Planned MW	Retail Electricity Suppliers MW	Existing Contracting Level	Target Contracting Level	MW Surplus / Deficit
	Nov	11.77	0.00	0.00	13.000		0%	110%	1.23
	Dec	11.88	0.00	0.00	13.000		0%	109%	1.12

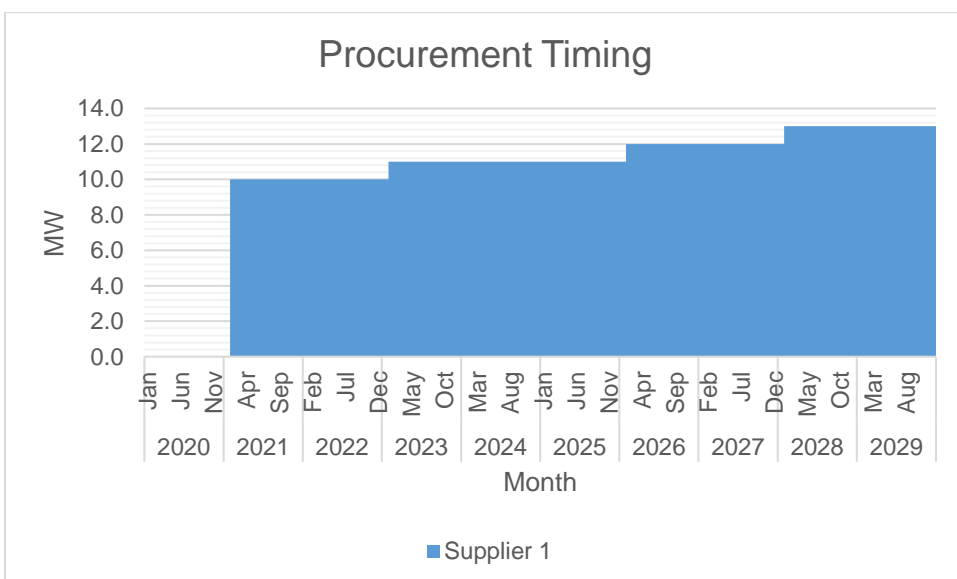
The Peak Demand was forecasted using historical data and was assumed to occur on the month of June due to high demand on consumers as reflected on the historical data. Monthly Peak Demand is at its lowest on the month of January due to cold weather condition. In general, Peak Demand is expected to grow at a rate of 1% annually.



The available supply is generally above the Peak Demand.



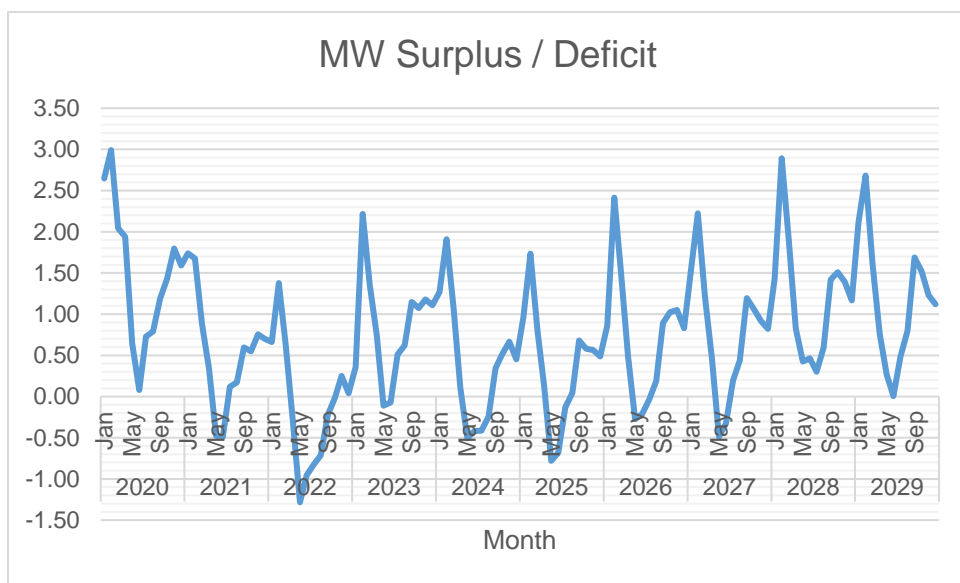
Of the available supply, the largest is 13 MW from 2028-2029. This is followed by 12 MW from 2026-2027.



The first wave of supply procurement will be for 10 MW planned to be available by the month of January.



Currently, there is over-contracting. The highest target contracting level is expected to occur on 2029. The lowest target contracting level is expected to occur on 2021.



Currently, there is over-contracting by 10 MW. The highest surplus is 2.99 MW which is expected to occur on the month of February. The lowest deficit is 1.28 MW which is expected to occur on the month of May.

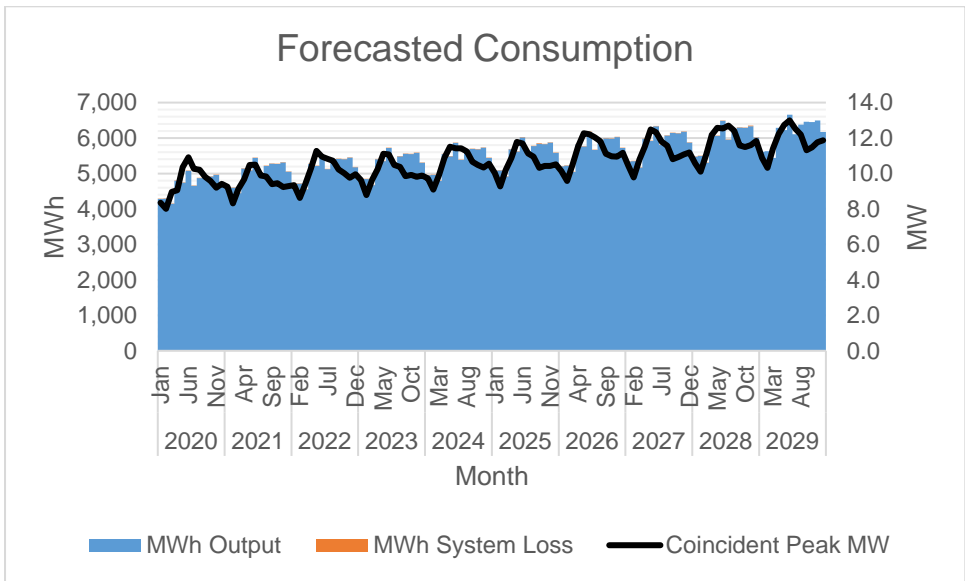
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
2020	Jan	4,682	4,281	8	8.39%	0.18%
	Feb	4,696	4,293	8	8.41%	0.18%
	Mar	4,535	4,146	7	8.40%	0.18%
	Apr	5,245	4,794	9	8.44%	0.18%
	May	5,189	4,744	8	8.42%	0.18%
	Jun	5,552	5,075	9	8.42%	0.18%
	Jul	5,095	4,657	8	8.43%	0.18%
	Aug	5,323	4,867	9	8.42%	0.18%

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Sep	5,390	4,926	9	8.43%	0.18%
	Oct	5,380	4,918	9	8.42%	0.18%
	Nov	5,423	4,957	9	8.43%	0.18%
	Dec	5,149	4,709	8	8.39%	0.18%
2021	Jan	4,350	4,588	8	-5.66%	0.17%
	Feb	4,350	4,602	8	-5.98%	0.17%
	Mar	4,870	4,444	8	8.59%	0.17%
	Apr	5,000	5,139	9	-2.96%	0.17%
	May	5,120	5,083	9	0.55%	0.17%
	Jun	4,870	5,440	9	-11.89%	0.17%
	Jul	5,000	4,992	8	-0.01%	0.17%
	Aug	4,870	5,216	9	-7.28%	0.17%
	Sep	5,000	5,281	9	-5.79%	0.17%
	Oct	4,870	5,271	9	-8.41%	0.17%
	Nov	4,350	5,313	9	-22.34%	0.17%
	Dec	4,350	5,048	9	-16.24%	0.17%
2022	Jan	4,470	4,706	8	-5.45%	0.17%
	Feb	4,470	4,719	8	-5.74%	0.17%
	Mar	5,000	4,557	8	8.70%	0.17%
	Apr	5,140	5,270	9	-2.70%	0.17%
	May	5,265	5,214	9	0.81%	0.17%
	Jun	5,000	5,479	9	-9.77%	0.17%
	Jul	5,140	5,120	9	0.22%	0.17%
	Aug	5,000	5,350	9	-7.18%	0.17%
	Sep	5,140	5,414	9	-5.51%	0.17%
	Oct	5,000	5,406	9	-8.31%	0.17%
	Nov	4,470	5,448	9	-22.09%	0.17%
	Dec	4,470	5,174	9	-15.95%	0.17%
2023	Jan	4,590	4,826	8	-5.32%	0.17%
	Feb	4,590	4,841	8	-5.64%	0.17%
	Mar	5,140	4,673	8	8.93%	0.17%
	Apr	5,280	5,405	9	-2.54%	0.17%
	May	5,410	5,347	9	0.99%	0.17%
	Jun	5,140	5,721	10	-11.49%	0.17%
	Jul	5,280	5,250	9	0.40%	0.17%
	Aug	5,140	5,487	9	-6.93%	0.17%
	Sep	5,280	5,554	9	-5.36%	0.17%
	Oct	5,140	5,543	9	-8.03%	0.17%
	Nov	4,590	5,587	9	-21.93%	0.17%
	Dec	4,590	5,306	9	-15.80%	0.17%
2024	Jan	4,720	4,949	8	-5.02%	0.17%
	Feb	4,720	4,963	8	-5.33%	0.17%
	Mar	5,285	4,793	8	9.17%	0.17%
	Apr	5,430	5,543	9	-2.25%	0.17%
	May	5,560	5,484	9	1.19%	0.17%
	Jun	5,285	5,866	10	-11.18%	0.17%
	Jul	5,430	5,384	9	0.68%	0.17%

		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Aug	5,285	5,626	9	-6.63%	0.17%
	Sep	5,430	5,695	9	-5.06%	0.17%
	Oct	5,285	5,685	9	-7.74%	0.17%
	Nov	4,720	5,730	9	-21.60%	0.17%
	Dec	4,720	5,443	9	-15.50%	0.17%
2025	Jan	4,850	5,075	8	-4.82%	0.17%
	Feb	4,850	5,090	8	-5.13%	0.17%
	Mar	5,430	4,916	8	9.32%	0.17%
	Apr	5,580	5,684	9	-2.03%	0.17%
	May	5,710	5,624	9	1.34%	0.17%
	Jun	5,430	6,017	10	-11.00%	0.17%
	Jul	5,580	5,521	9	0.89%	0.17%
	Aug	5,430	5,770	10	-6.43%	0.17%
	Sep	5,580	5,840	10	-4.84%	0.17%
	Oct	5,430	5,831	10	-7.56%	0.17%
	Nov	4,850	5,876	10	-21.35%	0.17%
	Dec	4,850	5,581	9	-15.26%	0.17%
2026	Jan	4,985	5,204	9	-4.56%	0.16%
	Feb	4,985	5,219	9	-4.87%	0.16%
	Mar	5,580	5,041	8	9.52%	0.16%
	Apr	5,735	5,830	10	-1.83%	0.16%
	May	5,870	5,767	10	1.60%	0.16%
	Jun	5,580	6,170	10	-10.75%	0.16%
	Jul	5,735	5,663	9	1.10%	0.16%
	Aug	5,580	5,917	10	-6.21%	0.16%
	Sep	5,735	5,989	10	-4.61%	0.16%
	Oct	5,580	5,979	10	-7.33%	0.16%
	Nov	4,985	6,025	10	-21.07%	0.16%
	Dec	4,985	5,723	9	-14.99%	0.16%
2027	Jan	5,120	5,337	9	-4.40%	0.16%
	Feb	5,120	5,352	9	-4.71%	0.16%
	Mar	5,735	5,169	8	9.73%	0.16%
	Apr	5,890	5,978	10	-1.67%	0.16%
	May	6,030	5,915	10	1.74%	0.16%
	Jun	5,735	6,329	10	-10.53%	0.16%
	Jul	5,890	5,807	10	1.25%	0.16%
	Aug	5,735	6,067	10	-5.96%	0.16%
	Sep	5,890	6,143	10	-4.46%	0.16%
	Oct	5,735	6,132	10	-7.09%	0.16%
	Nov	5,120	6,180	10	-20.90%	0.16%
	Dec	5,120	5,869	10	-14.81%	0.16%
2028	Jan	5,260	5,472	9	-4.20%	0.16%
	Feb	5,260	5,489	9	-4.53%	0.16%
	Mar	5,890	5,302	8	9.85%	0.16%
	Apr	6,050	6,130	10	-1.49%	0.16%
	May	6,200	6,066	10	2.01%	0.16%
	Jun	5,890	6,489	10	-10.35%	0.16%

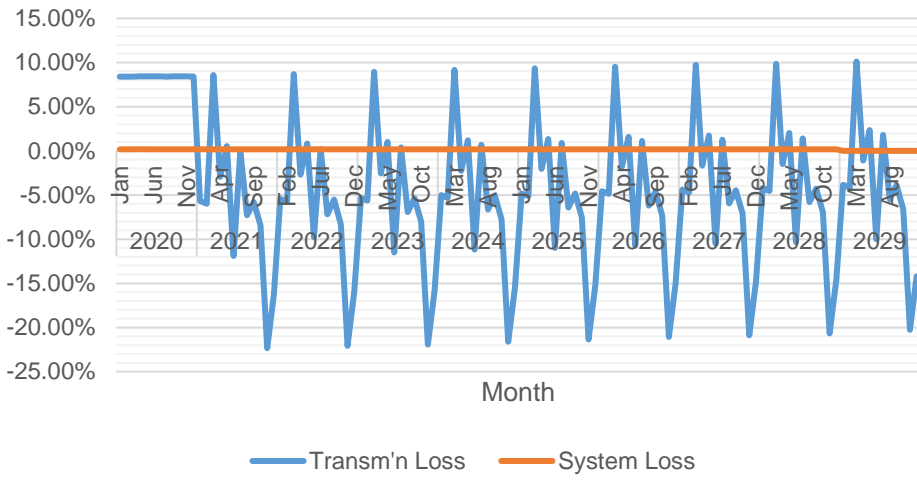
		MWh Offtake	MWh Output	MWh System Loss	Transm'n Loss	System Loss
	Jul	6,050	5,955	10	1.41%	0.16%
	Aug	5,890	6,222	10	-5.80%	0.16%
	Sep	6,050	6,300	10	-4.29%	0.16%
	Oct	5,890	6,288	10	-6.93%	0.16%
	Nov	5,260	6,337	10	-20.68%	0.16%
	Dec	5,260	6,018	10	-14.60%	0.16%
2029	Jan	5,405	5,614	0	-3.86%	0.00%
	Feb	5,405	5,629	0	-4.15%	0.00%
	Mar	6,050	5,438	0	10.11%	0.00%
	Apr	6,220	6,289	0	-1.11%	0.00%
	May	6,370	6,221	0	2.34%	0.00%
	Jun	6,050	6,656	0	-10.02%	0.00%
	Jul	6,220	6,108	0	1.80%	0.00%
	Aug	6,050	6,382	0	-5.48%	0.00%
	Sep	6,220	6,462	0	-3.89%	0.00%
	Oct	6,050	6,449	0	-6.60%	0.00%
	Nov	5,405	6,500	0	-20.26%	0.00%
	Dec	5,405	6,174	0	-14.22%	0.00%

MWh Offtake was forecasted using historical data. The assumed load factor is 65%.



MWh Output was expected to grow at a rate of 2% annually.

Forecasted Losses

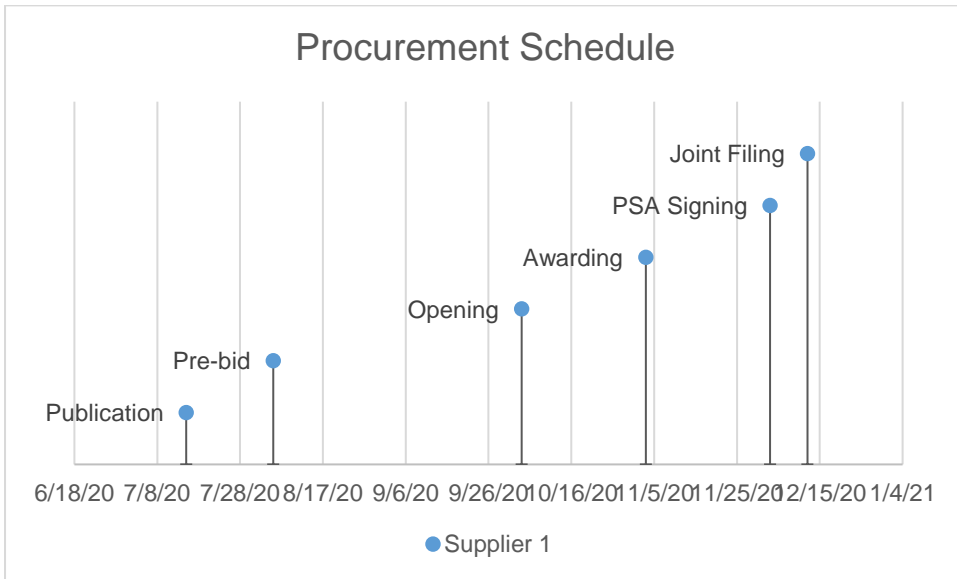


Power Supply

Case No.	Type	GenCo	Minimum MW	Minimum MWh/yr	PSA Start	PSA End
ERC 2013-031 RC	Base	AP Renewables, Inc.	9.00	4,590	1/26/2013	1/25/2021

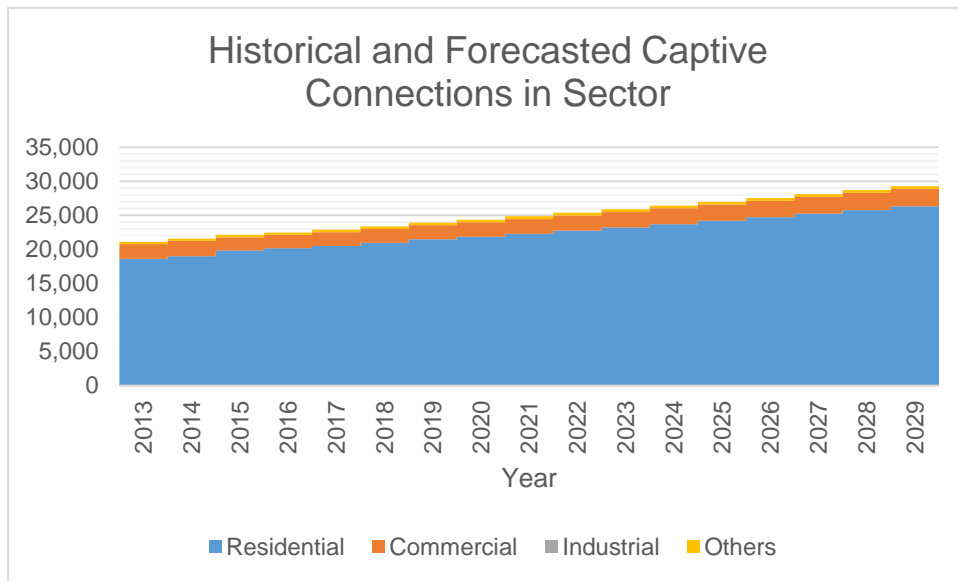
The PSA with AP Renewables Inc. filed with ERC under Case No. ERC 2013-031 RC was procured through renewable energy. It was selected to provide for base requirements. Historically, the utilization of the PSA is 90%. No Outages of the plant led to unserved energy.

	Supplier 1
Type	Base
Minimum MW	10.00
Minimum MWh/yr	56,940
PSA Start	1/26/2021
PSA End	1/25/2031
Publication	7/15/2020
Pre-bid	8/5/2020
Opening	10/4/2020
Awarding	11/3/2020
PSA Signing	12/3/2020
Joint Filing	12/12/2020



For the procurement of 10 MW of supply, escalating up to 15 MW which is planned to be available on January 26, 2021, the first publication or launch of CSP will be on July 15, 2020. Joint filing is planned on October 29, 2020.

Captive Customer Connections



The number of residential connections is expected to grow at a rate of 2% annually. Said customer class is expected to account for 60% of the total consumption.