

# Town of Sudbury



## Community Electricity Aggregation Update August 21, 2019

# Program Summary

- Total originally eligible accounts: 5,883
- Enrollments as of end June 2019: 5,444
- Total Enrolled: 93%.
- Total Program Savings (through June 2019): \$1,803,427
- Total Residential Savings (through June 2019): \$1,471,391

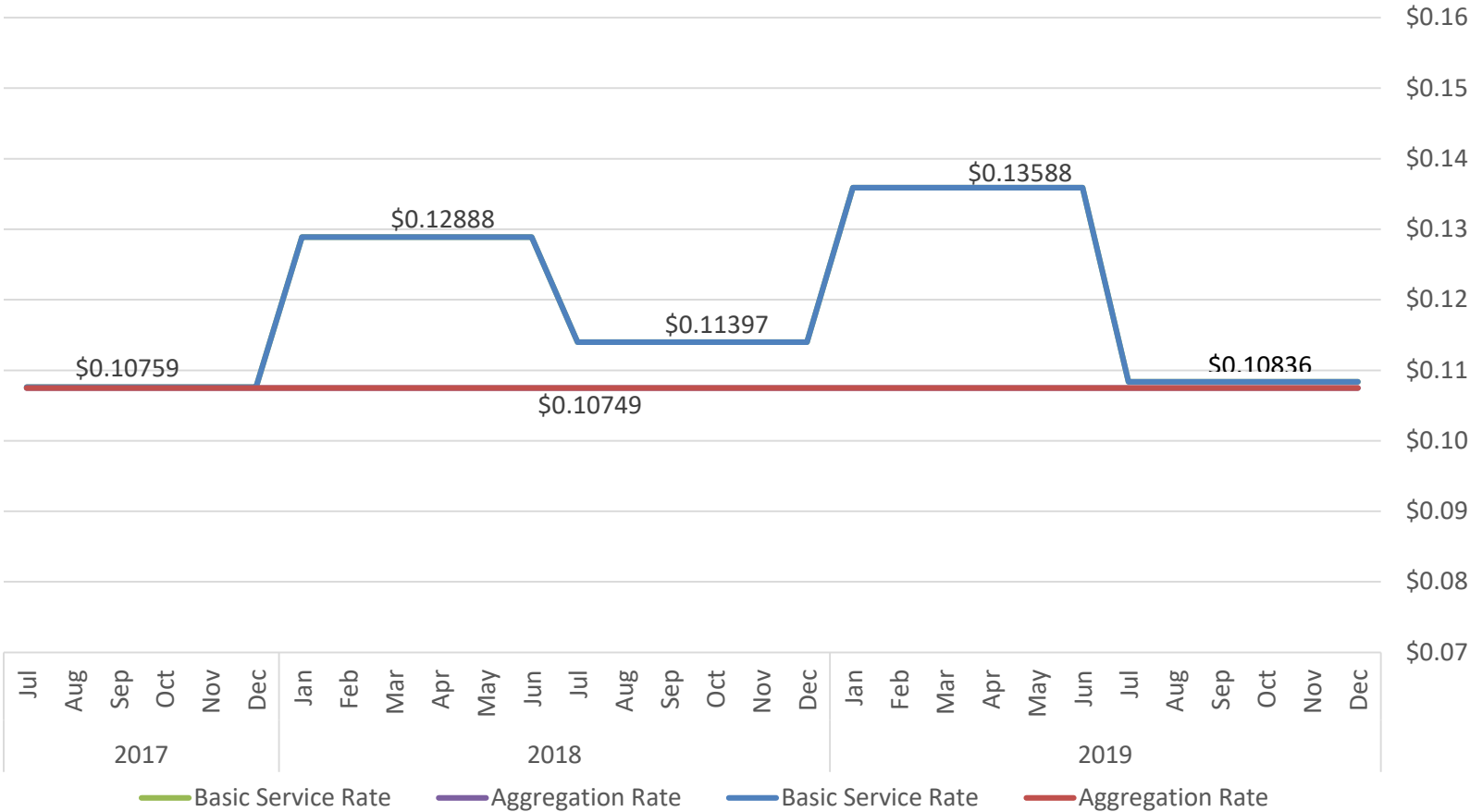
**Required Disclaimer:** There is no guarantee of savings under the aggregation program as compared to the Eversource basic service rate because the Eversource electric supply charge changes every 6 months for residential and small business customers and every 3 months for large business customers

# Renewable Energy Summary

Total MA Class I RECs through December 2018: 4,730

<u>ENVIRONMENTAL IMPACT</u>	
1.5 MW Wind Turbine	1.1
MW of Solar Equivalent	4
MW Solar Acres	10
Lbs. of CO2 Displaced	4,053,824
Metric Tons	1,839

### Sudbury Local Green (5%) vs Eversource Basic Service Rate

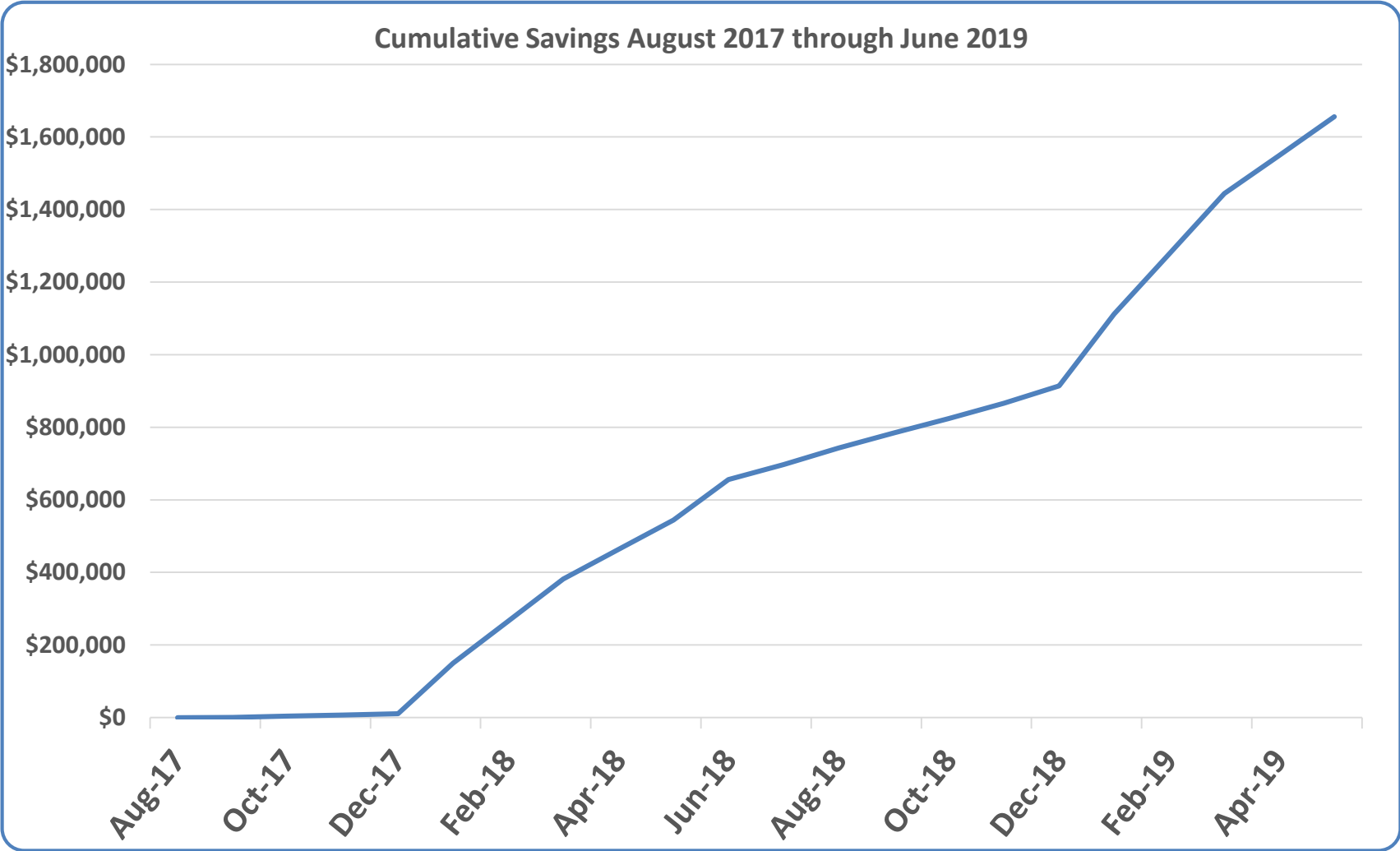


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# Program Savings

2017				
	PTC Cost	Program Cost	Savings/Loss in \$	Percent
Residential	\$1,889,496	\$1,887,740	\$1,756	0%
Small C&I	\$57,120	\$57,040	\$80	0%
Large C&I	\$102,719	\$93,708	\$9,010	9%
<b>TOTAL</b>	<b>\$2,049,334</b>	<b>\$2,038,488</b>	<b>\$10,846</b>	<b>1%</b>
2018				
	PTC Cost	Program Cost	Savings/Loss in \$	Percent
Residential	\$6,497,341	\$5,773,404	\$723,937	11%
Small C&I	\$488,783	\$437,448	\$51,335	11%
Large C&I	\$870,348	\$742,661	\$127,687	15%
<b>TOTAL</b>	<b>\$7,856,472</b>	<b>\$6,953,512</b>	<b>\$902,959</b>	<b>11%</b>
2019				
	PTC Cost	Program Cost	Savings/Loss in \$	Percent
Residential	\$3,458,219	\$2,712,522	\$745,697	22%
Small C&I	\$255,351	\$206,358	\$48,993	19%
Large C&I	\$248,793	\$153,862	\$94,931	38%
<b>TOTAL</b>	<b>\$3,962,363</b>	<b>\$3,072,742</b>	<b>\$889,621</b>	<b>22%</b>
Program To Date				
	PTC Cost	Program Cost	Savings/Loss in \$	Percent
Residential	\$11,845,056	\$10,373,665	\$1,471,391	12%
Small C&I	\$801,254	\$700,846	\$100,408	13%
Large C&I	\$1,221,859	\$990,231	\$231,628	19%
<b>TOTAL</b>	<b>\$13,868,169</b>	<b>\$12,064,742</b>	<b>\$1,803,427</b>	<b>13%</b>

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## Renewal – *Traditional Power*

- Energy Suppliers: Direct Energy, NextEra, Constellation, Dynegy.
- New market entrants are providing strong competition.

## Renewal - *Renewables*

- Sudbury Goals Review: Additionality and Environmental Impact.
- Current state of MA Class I REC market. Renewable market factors. Solar and SMART. Offshore wind. Market oversupply. RPS 2% annual increase starting in 2020 .
- Additionality discussion:
  - Green Energy Consumers Alliance MA Class I RECs : strong additionality, manage quantity risk, pipeline to suppliers, price reflects long term procurement portfolio pricing.
  - Retail suppliers can provide MA Class I RECs, will directly reflect market at that moment, weak to no additionality.
- GMA 2.0 Data Analysis.



# Preparing to Bid - Timeline

- August/September: Presentation to the Board of Selectmen
- September: Preliminary indicative pricing
- September-November: Earliest bid day depending on market conditions.