

PAUL GROMER, LLC
ATTORNEY AT LAW

617-227-7024 | pgromer@gromerllc.com
2 OLIVER STREET, 8TH FLOOR | BOSTON, MA 02109

December 1, 2016

Mark D. Marini, Secretary
Department of Public Utilities
One South Station
Boston, MA 02110

Re: Town of Chelmsford Municipal Aggregation Annual Report

Dear Secretary Marini:

I have enclosed the Town of Chelmsford's Municipal Aggregation Annual Report.

Thank you for your assistance.

Sincerely yours,



Paul W. Gromer

Enclosure

cc: Elizabeth Lydon, Department of Public Utilities

**Town of Chelmsford Municipal Aggregation Annual Report
to the Massachusetts Department of Public Utilities
December 1, 2016**

The Chelmsford municipal aggregation program was approved by the Department of Public Utilities on September 29, 2015 in docket no. D.P.U. 15-87. The program launched in February 2016 and is completing its first year.

1. Competitive supplier

The competitive supplier for the program is Constellation NewEnergy, Inc.

2. Term of energy services agreement

The term of the energy services agreement is for the meter readings from February 2016 through February 2018.

3. Enrollment statistics

Customer Accounts

	Residential	Commercial	Industrial	Grand Total
Mar-16	10,241	1,206	64	11,511
Apr-16	9,869	1,162	60	11,091
May-16	9,722	1,149	60	10,931
Jun-16	9,624	1,133	59	10,816
Jul-16	9,464	1,124	56	10,644

4. Optional products

The program offers an optional 100% green energy product. The green product includes 20% Class I RECs over and above the RPS requirement, as well as national wind RECs. The incremental cost for the 100% green product is 1.10 cents/kWh.

5. Information disclosure

Chelmsford implemented a multi-faceted information disclosure strategy prior to program launch to ensure all participants were fully informed about the program, pricing, options, and their right to opt out.

Opt-out letter: All eligible customers received an opt-out letter informing them of the program, their options, and their right to opt out.

Community meetings: Chelmsford held three community meetings prior to program launch to inform the community about the program and answer questions. A meeting was held January 6 at the library, January 7 at the Senior Center, and January 13 at the Community Center.

Media announcement: The Town sent out a media release about the program in November 2015. The program also received coverage in the *Lowell Sun* on 1/3/16.

Cable access television: On January 7, 2016, Chelmsford TeleMedia recorded and broadcast a program regarding the aggregation. That program covered the key points of the aggregation and remains available for public viewing. In addition, Chelmsford TeleMedia records and broadcasts all Board of Selectmen meetings, including those at which aggregation was discussed.

Aggregation website: Since before program launch, Chelmsford provided comprehensive information about the aggregation program on the Town website. The information includes pricing, customer opt-out rights, and answers to frequently asked questions. In August, Chelmsford rolled out a new, aggregation-specific website that is available from the Town website and can be accessed at www.masspowerchoice.com/chelmsford. The aggregation website marks a significant upgrade to the Town's ability to present aggregation information. The site includes robust information about pricing, program options, and online forms for opting out and submitting customer support questions. The website was designed to make all aggregation information easier to find, including the energy mix disclosure labels and information about renewable energy sources.

Energy disclosure label: The energy disclosure label is available on the aggregation website. A copy of the current label is attached.

Constellation Energy Power Choice, LLC

Chelmsford Choice Electricity Aggregation Program

	Chelmsford Choice Electricity Aggregation Program																
Rate Classes	Residential (R-1, R-2) Commercial (G-1, Streetlighting) Industrial (Demand G-2)																
Contract	Duration		Contract Terms														
	February 2016 – February 2018		Per energy service agreement.														
Program Type	System Power	MA RPS	MA Class I RECs	National Wind RECs	Price (\$/kwh)												
Chelmsford Choice	78.97%	21.03%	0%	0%	\$0.093												
Chelmsford Choice Plus	0%	21.03%	20%	58.97%	\$0.104												
Power Sources Based on the most current data available, demand for electricity from all customers was met by generation from the following sources:	Power Source	System Power															
	Biomass	0.0%															
	Coal	3.2%															
	Hydro: large	0.9%															
	Hydro: small	0.0%															
	Imported Power	0.0%															
	Municipal Trash	0.6%															
	Natural Gas	37.4%															
	Nuclear	26.0%															
	Oil	12.1%															
	Other Renewables	0.1%															
	Solar	0.0%															
	System Mix	19.7%															
	Wind	0.0%															
Total	100.0%																
Air Emissions Carbon Dioxide (CO2), Nitrogen Oxide (NOx) and Sulfur Dioxide (SO2) emission rates from these sources relative to the regional average, and to the emission rates of a new generating unit	<div style="display: flex; justify-content: space-between;"> ▼ New Units Regional Average </div> <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"> <caption>Air Emissions Comparison</caption> <thead> <tr> <th>Source</th> <th>New Units</th> <th>Regional Average</th> </tr> </thead> <tbody> <tr> <td>CO2</td> <td>~85%</td> <td>100%</td> </tr> <tr> <td>NOx</td> <td>~25%</td> <td>100%</td> </tr> <tr> <td>SO2</td> <td>~45%</td> <td>100%</td> </tr> </tbody> </table>					Source	New Units	Regional Average	CO2	~85%	100%	NOx	~25%	100%	SO2	~45%	100%
Source	New Units	Regional Average															
CO2	~85%	100%															
NOx	~25%	100%															
SO2	~45%	100%															
Labor Information	<ul style="list-style-type: none"> 76% of the electricity from System Power came from power sources with a union contract with their employees. 																
	<p>NOTES</p> <ol style="list-style-type: none"> Electricity customers in New England are served entirely from the New England integrated power grid and not any one particular generating unit. Power source percentages are based on information for the period January 2015 – December 2015, the most recently available data. See reverse side and the terms of service for further information on this label. You may also call Constellation toll-free at (877) 997-9995, or the Massachusetts Department of Public Utilities at (877) 886-5066. 																

LABEL DESCRIPTION

Generation Price and Contract:

Generation Price is for electricity at usage levels that are typical for residential and small commercial customers. Contract items present the length of your contract for generation service, and the price terms included in your contract. See your recent bills to determine average monthly use, and your Terms of Service for additional information.

Power Sources:

The electricity you consume comes from the New England power grid, which receives power from a variety of power plants and transmits the power throughout the region as needed to meet the requirements of all customers in New England. When you choose a power supplier, that supplier is responsible for generating and/or purchasing power that is added to the power grid in an amount equivalent to your electricity use. Known Resources include resources that are owned by, or under contract to, Constellation. System Power represents power purchased in the regional electricity market. Biomass refers to power plants that are fueled by wood or other plant matter. Hydro resources of greater than 30 megawatts in size are deemed "large hydro." All other hydro resources are deemed "small hydro." Other Renewables include fuel cells utilizing renewable fuel sources, landfill gas, and ocean thermal.

Emissions:

Emissions for each the following pollutants are presented as a percent of the regional average emission rate. Arrows represent, for each pollutant, the emission rate from a hypothetical new generation facility.

Carbon Dioxide (CO₂) is released when fossil fuels (e.g., coal, oil and natural gas) are burned. Carbon dioxide, a greenhouse gas, is a major contributor to global warming.

Nitrogen Oxides (NO_x) form when fossil fuels and biomass are burned at high temperatures. They contribute to acid rain and ground-level ozone (or smog), and may cause respiratory illness in children with frequent high level exposure. NO_x also contribute to oxygen deprivation of lakes and coastal waters which is destructive to fish and other animal life.

Sulfur Dioxide (SO₂) is formed when fuels containing sulfur are burned, primarily coal and oil. Major health effects associated with SO₂ include asthma, respiratory illness and aggravation of existing cardiovascular disease. SO₂ combines with water and oxygen in the atmosphere to form acid rain, which raises the acid level of lakes and streams, and accelerates the decay of buildings and monuments.

Labor Data:

The information on this label regarding whether generators or suppliers operate under collective bargaining agreements is provided to inform you about whether the energy was produced in plants where employee wages and working conditions are mutually determined by employees and management, and protected by union contracts.

For more information:

Constellation Customer Service: (877) 997-9995

Massachusetts Department of Public Utilities: (877) 886-5066