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December 1, 2016

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

Re: Town of Greenfield Municipal Aggregation Annual Report

Dear Secretary Marini:

I have enclosed the Town of Greenfield'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 Greenfield Municipal Aggregation Annual Report
to the Massachusetts Department of Public Utilities
December 1, 2016**

The Greenfield municipal aggregation program was approved by the Department of Public Utilities on August 29, 2014 in docket no. D.P.U. 13-183. The program launched in January 2015 and is completing its second year.

1. Competitive supplier

The competitive supplier for the program is ConEdison Solutions.

2. Term of energy services agreement

The term of the energy services agreement is for the meter readings from January 2015 through January 2017.

3. Enrollment statistics

Customer Accounts

	Residential	Small Business	Medium and Large Business	St. Lighting	Total
Oct-15	5,091	880	11	189	6,171
Nov-15	5,021	878	11	178	6,088
Dec-15	4,977	865	11	181	6,034
Jan-16	4,900	858	11	172	5,941
Feb-16	4,825	844	10	176	5,855
Mar-16	4,714	834	10	176	5,734
Apr-16	4,636	824	10	173	5,643
May-16	4,535	813	8	172	5,528
Jun-16	4,461	806	8	170	5,445
Jul-16	4,363	790	8	168	5,329
Aug-16	4,311	784	8	164	5,267
Sep-16	4,245	768	8	159	5,180

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 Maine Class II hydroelectric RECs. The incremental cost for the 100% green product is 1.66 cents/kWh.

5. Information disclosure

Since before program launch, Greenfield has 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 2016, Greenfield rolled out an aggregation-specific website that is available from the Town website. The new website URL is www.masspowerchoice.com/greenfield. 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. The current energy mix disclosure label is attached.

In addition to posting information on the program website, the town issued a media release announcing a program price decrease in June 2016.



Content label for Greenfield Light and Power Program

ConEdison Solutions' customers are served through a regional power grid administered by the New England Independent System Operator. ConEdison Solutions supplies its customers with system power from this regional power grid, not from specific generating units. ConEdison Solutions procures renewable energy content to meet the Massachusetts renewable portfolio standard requirements and to supply voluntary green products chosen by customers. Information about ConEdison Solutions' renewable power content is shown below in the table on the right.



Generation Prices (cents per kilowatt hour)

Customer type	Standard Option (cents per kilowatt hour)	Greener Option (cents per kilowatt hour)	Period in effect
Residential	0.1144	0.131	July 2016-Jan. 2017
Commercial	0.1137	0.1303	
Industrial	0.1129	0.1295	

Generation prices do not include regulated charges for customer service and delivery. Those charges are billed by your local distribution company.

ConEdison Solutions October 31, 2016 Disclosure Label

Based on the most Current Data Available at the Time of Filing.

New England System Mix	
Fuel	Percentages
Biodiesel	0.00%
Biomass	2.11%
Coal	2.58%
Diesel	1.43%
Digester gas	0.05%
Efficient Resource (Maine)	0.31%
Energy Storage	0.00%
Fuel cell	0.21%
Geothermal	0.00%
Hydroelectric/Hydropower	6.30%
Hydrokinetic	0.02%
Jet	0.01%
Landfill gas	0.44%
Municipal solid waste	1.11%
Natural Gas	40.84%
Nuclear	28.19%
Oil	9.09%
Solar Photovoltaic	1.42%
Solar Thermal	0.00%
Trash-to-energy	2.10%
Wind	2.15%
Wood	1.63%
Total	100.00%

Con Edison Solutions Power Attribute Content	
Greenfield Aggregation Standard Option (100% Green)	
Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	21.03%
Maine Class II Resources (Hydroelectric)	78.97%
Total	100.00%

Greenfield Greener Option (100% Green)	
Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	21.03%
MA Class I Resources (Wind)	20.00%
Maine Class II Resources (Hydroelectric)	58.97%
Total	100.00%

Labor Information: ConEdison Solutions is unable to obtain information on how much of the electricity assigned to this electricity product came from power sources with union contracts with their employees. Additionally, ConEdison Solutions is unable to obtain information on how much of the electricity assigned to this electricity product came from power sources that used employees involving labor disputes during this period.

For further information contact:
**Department of Energy
 Resources • 617-626-7300**
 • DOER.Energy@State.MA.US
 • [http://www.mass.gov/eea/
 grants-and-tech-assistance/
 guidance-technical-assistance/
 agencies-and-divisions/doer/](http://www.mass.gov/eea/grants-and-tech-assistance/guidance-technical-assistance/agencies-and-divisions/doer/)

Massachusetts Department of
 Public Utilities
 1- 877-886-5066

ConEdison Solutions
 1-866-469-8361
www.conedisonsolutions.com

Air Emissions

System average emission rates are based on data for the most current annual data available at the time of filing and were prepared for New England Power Pool (NEPOOL) by ISO New England.

Emissions data:

System average emission rates are based on the most current annual data available at the time of filing and were prepared for New England Power Pool (NEPOOL) by ISO New England.

ConEdison Solutions

Emission Type	Lbs. per MWh
Nitrogen Oxides (NO _x)	0.753
Sulfur Dioxide (SO ₂)	0.961
Carbon Dioxide (CO ₂)	824.717

New unit emissions data for CO₂ is 895 lbs/MWh; for NO_x is 0.055 lbs/MWh; for SO₂ is 0.011 lbs/MWh

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.

Nitrogen Oxide (NO_x) is formed when fossil fuels and biomass are burned at high temperatures. NO_x contributes 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.

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.

Notes

The NEPOOL system mix represents all resources used for electricity generation in the region. ConEdison Solutions purchases power from the NEPOOL system.