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Mark D. Marini, Secretary Department of Public Utilities One South Station, 5<sup>th</sup> Floor Boston, MA 02110 December 1, 2016

## RE: D.P.U. 15-93, City of Attleboro - Annual Report for Aggregation Program

Dear Secretary Marini:

Enclosed for filing on behalf of the City of Attleboro in the above-referenced docket, please find the Annual Report for the City's Community Electricity Aggregation Program.

Please let me know if you have any questions in regards to this submission.

Sincerely,

Scott J. Mueller Counsel for Good Energy, L.P.

cc: Jeanne Voveris, Asst. General Counsel (email)

Elizabeth Lydon, Counsel (email)

Service List (email)

# D.P.U. 15-93, CITY OF ATTLEBORO MUNICIPAL AGGREGATION PLAN ANNUAL REPORT TO THE

## MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES

## December 1, 2016

#### I. BACKGROUND

On September 29, 2015, the Department of Public Utilities (Department) approved the Municipal Aggregation Plan of the Municipality pursuant to G.L. c. 164. The Department directed the Municipality to file an annual report with the Department on December 1 of each year. The Municipality hereby submits its annual report for 2016.

### II. COMPETITIVE SUPPLIER

During this period the competitive supplier was ConEdison Solutions, Inc. (CES).

## III. TERM OF THE ELECTRIC SERVICE AGREEMENT

The Electric Service Agreement (ESA) between CES and the Municipality, requires CES to provide all-requirements power supply to participating customers for a two-year term. Under the ESA, which became effective when executed in November, 2015, service to customers commenced on the date of the first meter read for participating customers after December 31, 2015, and is to continue through the first meter read after December 31, 2017.

### IV. MONTHLY ENROLLMENT AND USAGE STATISTICS

Monthly enrollment and usage statistics from the January 2016 consumer meter read date to the latest date that data was available from the competitive supplier is included in Exhibit A. Please note that the monthly statistics are based on meter reads and the October 2016 data does not capture a complete month of enrollment and usage statistics.

### V. RENEWABLE ENERGY OPTIONS

The Municipality offers a standard product that has the level of renewable energy required by the Massachusetts Renewable Portfolio Standard (RPS). The Municipality also offers an optional green program under which customers may purchase an additional 5% of renewable energy above the RPS requirement. Information regarding the price and content of the green option is shown in the sample information disclosure label included as Exhibit B.

### VI. ALTERNATIVE INFORMATION DISCLOSURE STRATEGY

The Department approved a waiver of the requirement that the Municipality or its competitive suppler mail a quarterly distribution disclosure label to all customers and authorized an alternative information disclosure strategy. In developing and implementing the aggregation program, the Municipality has made available information about the program through a variety of means including postings at municipal buildings, public service presentations and postings on the program website. The Municipality's alternative disclosure strategy in the past year included the following:

- Provided information about the program and the price to be charged to the customer in the Customer Notification Letter mailed by the competitive supplier to all initial eligible customers and, thereafter, to all new eligible customers who move into the Municipality.
- Established a link to the www.masscea.com website maintained by aggregation consultant, Good Energy, L.P. This website provides information and updates about the program, including disclosure labels as required by 220 CMR 11.06(2)(b) through 11.06(2)(e). A new information disclosure label is posted quarterly and is available for review on the website until the next quarterly label is posted. A sample information disclosure label is included as Exhibit B.

## **EXHIBIT A**

2016											
Total Accounts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
G1	1,345	1,345	1,322	1,314	1,298	1,330	1,311	1,337	1,323	45	
G2	52	52	50	49	48	48	47	48	48	2	
G3	8	8	8	8	8	9	9	9	9	4	
R1	10,685	10,629	10,500	10,345	10,249	10,866	10,701	11,127	10,930	25	
R2	1,629	1,618	1,566	1,547	1,528	1,567	1,539	1,543	1,504	26	
S1	3	3	3	3	3	3	3	4	4	4	
S4	134	134	134	131	130	130	129	130	129	129	
Monthly Totals	13,856	13,789	13,583	13,397	13,264	13,953	13,739	14,198	13,947	235	
Total Usage	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Clas
(MWh)			0.00								
G1	683	1,177	963	861	880	914	1,146	1,149	924	904	9,600
G2	389	598	564	558	631	611	675	729	582	568	5,900
G3	254	474	457	409	435	480	583	613	517	501	4,72
R1	3,860	6,637	6,053	4,790	5,427	6,303	8,723	9,400	6,356	5,866	63,41
R2	666	983	922	745	773	833	1,101	1,162	841	779	8,80
<u>\$1</u>	2	8	7	7	6	5	6	6	/	8	63
<u>S4</u>	10	39	36	32	28	26	28	31	35	39	30
Monthly Totals	5,863	9,916	9,002	7,402	8,181	9,173	12,262	13,090	9,263	8,667	92,819

## This disclosure is required by the Massachusetts Department of Public Utilities

## Content label for Attleboro Community Choice Electricity Supply 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 Massachussetts 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		
All Customers	0.0949	0.0978	Jan. 2016 Jan. 2018 meter read		
Consustion prices do not include regulated shares for outsmar service and delivery. These shares are billed by					

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	<b>100.00</b> %

#### Con Edison Solutions Power Attribute Content

Attleboro Aggregation--Standard Option

Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Bio- mass, and other renewable resources pursuant to MA regulations)	21.03%
System Mix	78.97%
Total	<b>100.00</b> %

#### Attleboro Aggregation--Greener Option

Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Bio- mass, and other renewable resources pursuant to MA regulations)	21.03%
MA Class I Resource (Wind)	5.00%
Total	26.03%

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: Massachusetts Department of Energy Resources • 617-626-7300

- DOER.Energy@State.MA.US
- http://www.mass.gov/eea/ grants-and-tech-assistance/ guidance-technical-ssistance/ agencies-and-divisions/doer/

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

ConEdison Solutions 1-855-788-9885 www.conedisonsolutions.com

EXHIBIT B conEdison Solutions Energy. Efficiency. Expertise.

## **Air Emissions**

Emissions for each of the following pollutants are based on System Mix data provided by the New England Power Pool (NEPOOL) and ISO New England for the most current annual data available at the time of filing.

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.

#### Emissions data: ConEdison Solutions

Emission Type

Nitrogen Oxides  $(NO_x)$ Sulfur Dioxide  $(SO_2)$ Carbon Dioxide  $(CO_2)$  Lbs. per MWh 0.753 0.961 824.717

New Unit emissions data for CO\_2 is 895 lbs/MWh; for NO\_X is 0.055 lbs/MWh; for SO\_2 is 0.011 lbs/MWh

Sulfur Dioxide  $(SO_2)$  is formed when fuels containing sulfur are burned, primarily coal and oil. Major health effects associated with  $SO_2$  include asthma, respiratory illness and aggravation of existing cardiovascular disease.  $SO_2$  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  $(CO_2)$  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.

