



## Project Highlight

# Town of Braintree, MA



The Town of Braintree Saves the Equivalent of 1,689 Metric Tons of CO<sub>2</sub> Annually

### Technology Type:

Power Purchase Agreement | Renewable Energy | Solar Photovoltaic System

### Total Number of Solar Panels

6,251

### Landfill Solar PV Capacity

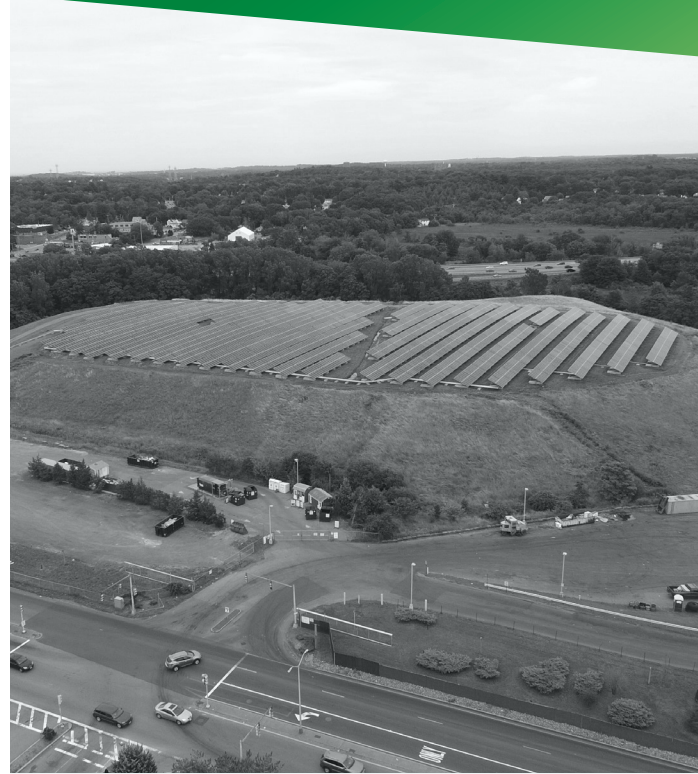
1.26 MW DC

### Rooftop Solar PV Capacity

664 kW DC

### Annual Energy Generated

2.45M kWh



### Summary

The Town of Braintree's Electric Light Department (BELD) worked with Ameresco on two solar PV projects to help meet its franchise obligation to provide electricity to 16,000 customers.



## Solution

Braintree and Ameresco partnered under a 20-year Power Purchase Agreement to design, construct, operate, and maintain a solar PV array on the Braintree landfill. Ameresco also designed, built, owns, and operates a rooftop solar array located on Braintree High School (BHS).

- Solar landfill energy project size is 1.26 MW DC with 4,142 solar panels
- Solar rooftop energy project size is 664 kW DC with 2,109 solar panels

“**The partnership... with Ameresco is a beneficial one that states our commitment to the usage of renewable energy as we move forward. ...Braintree created a Commonwealth Community Compact and as its main commitment to continuous improvement, the Town pledged to adapt to climate change.**”

Joseph C. Sullivan  
*Mayor, Town of Braintree*



## Benefits

The solar projects provide BELD with on-peak, non-greenhouse gas producing, electricity generation.

- Solar landfill energy savings of 1.65 million kWh annually
- Solar rooftop energy savings of 800,000 kWh annually
- Save equivalent of 1,689 metric tons of CO<sub>2</sub> per year
- Reduce need for energy from traditional power plants fueled by fossil fuels
- Enables advantageous use of landfill space
- Provides educational opportunities for Braintree students and teachers

Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

**AMERESCO** 