



## Project Highlight

# Town of Bethel, CT

AMERESCO 

Town of Bethel Installs 2,916  
Solar Panels and Reduces  
Annual CO<sub>2</sub> Emissions by  
934 Metric Tons

### Technology Type:

Renewable Energy | Solar Photovoltaic

### Solar Panels Installed

2,916

### Energy Project Size

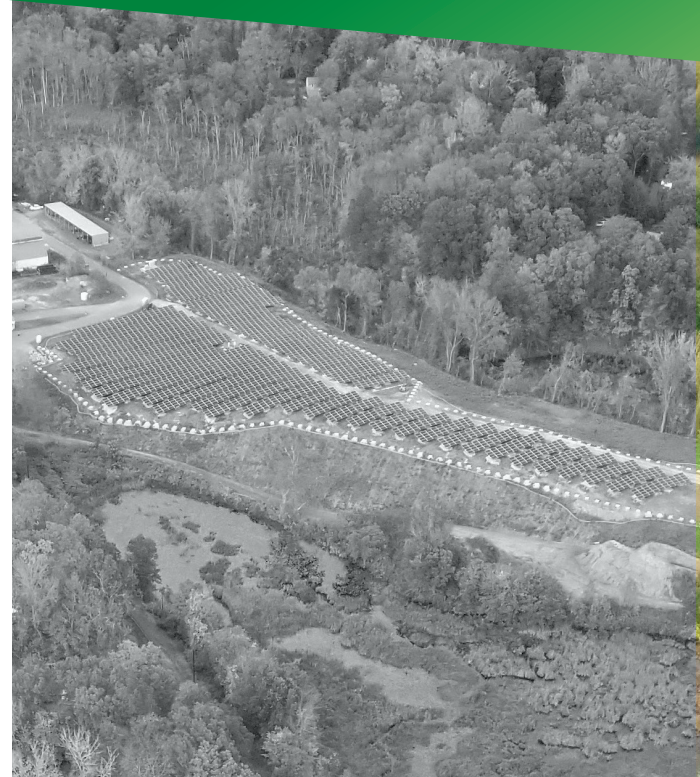
947.7 kW DC

### Annual CO<sub>2</sub> Emissions Reduction

934 metric tons

### Annual Energy Savings

1.25M kWh



### Summary

Ameresco and the Town of Bethel partnered on the Sympaug solar project which included the development of a solar farm on a closed town landfill that will utilize virtual net metering. The system's economic and environmental benefit will be delivered to Bethel via a twenty year power purchase agreement between the two parties.



## Solution

Ameresco designed, permitted, financed, built, and commissioned a 947.7 kW DC solar farm connected directly into the local electric distribution system. Ameresco secured an additional subsidy for the project via the State of Connecticut's Zero Emission Renewable Energy Credit (ZREC) program. Ameresco will operate and maintain the system for the term of the contract to ensure optimal energy production.

- Installed 2,916 solar panels and 30 inverters
- Upgraded site building transformer for primary and secondary service
- Upgraded electrical switchgear equipment

**For years, Town leadership, staff, and community volunteers have been working diligently to identify and implement meaningful energy efficiency and renewable energy solutions. With today's ribbon cutting, we celebrate another milestone in our journey to a more sustainable future.**

Matthew Knickerbocker  
*First Selectman, Town of Bethel*



## Benefits

This project brought the town landfill back into compliance with the Connecticut Department of Energy and Environmental Protection. Through virtual net metering, 100% of the energy generated is used to power town buildings and operations, offsetting total town consumption. The Town of Bethel is now being supplied by green renewable energy.

- Annual energy savings of 1,254,587 kWh
- Annual CO<sub>2</sub> emissions reduction of 934 metric tons

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**.

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