



Project Highlight

Towns of Mattapoisett and Wareham, MA

AMERESCO 

Mattapoisett and Wareham's Solar Arrays Provide Low Cost Renewable Power to 5 Local Housing Authorities in MA

Technology Type:

Community Solar | Solar Photovoltaic

Total Arrays Built

5 Mattapoisett site: 1
Wareham site: 4

Annual CO₂ Savings

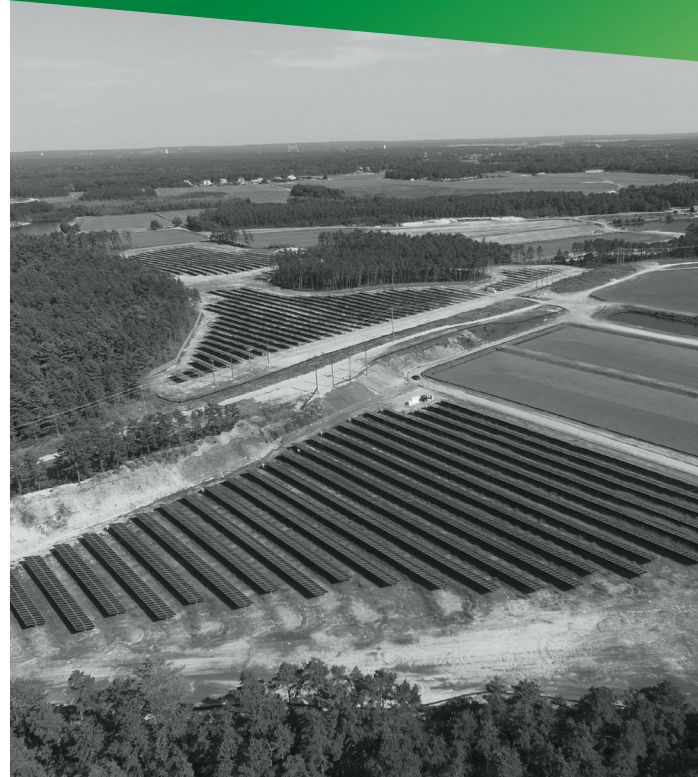
16,200+ metric tons

Total Modules

47,000+

Total PV Capacity

16.2 MW



Summary

Since teaming up with Ameresco and BlueWave Solar, the towns of Mattapoisett and Wareham, MA now host solar arrays providing low cost renewable power to the Fairhaven, Mattapoisett, New Bedford, Kingston, and Plymouth, MA Housing Authorities.



Solution

Ameresco, in partnership with BlueWave Solar, constructed a 6.0 MW community solar farm in Mattapoisett, MA and a 10.2 MW community solar farm in Wareham, MA. At Mattapoisett, an Eversource right of way runs adjacent to the project site and serves as the point of interconnection. At Wareham, the Eversource right of way bisects the four arrays.

- 6.0 MW community solar farm consisting of more than 17,000 modules
- 10.2 MW community solar farm consisting of 4 sites and more than 30,000 modules
- Total project output of 21,870,000 kWh
- Design, building, commissioning, operation, and maintenance of projects



Benefits

Under 20-year agreements, annual payments will be made to the public housing authorities of Fairhaven, Mattapoisett, New Bedford, Kingston, and Plymouth. As a result of the solar projects, the housing authorities will receive these benefits over the next 20 years in support of providing housing to their citizens.

- Millions of dollars expected in electricity savings over contract duration
- Housing Authorities able to purchase power at lower rates
- Annual carbon footprint reduced by 16,276 metric tons of CO₂
- Total annual reductions equivalent to:
 - Taking 3,485 cars off the road
 - Planting over 19,000 acres of U.S. forests
 - CO₂ emissions from 2,439 homes' electricity use
 - CO₂ emissions from over 3,600 barrels of oil consumed



Photo Credit: © BlueWave Solar (www.bluewavesolar.com).

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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