



Project Highlight

Blue Cross Blue Shield of Massachusetts

AMERESCO 

Ameresco Designed, Built, and Operates 5 Community Solar Farms to Lower Energy Costs and Carbon Emissions

Technology Type:

Community Solar | Renewable Energy | Solar Photovoltaic

Blue Cross Net Metering Credits Purchased

2.6 MW

Number of Community Solar Arrays

5

Reduction in Carbon Emissions

6,300 metric tons

Renewable Power Capacity

6.9 MW



Summary

Five community solar farms enable Blue Cross Blue Shield of Massachusetts (Blue Cross) and residents and businesses throughout Blackstone Valley and National Grid territory of Southeastern Massachusetts to lower their electricity costs and help reduce carbon emissions.



Solution

The solar projects, owned by Ameresco and co-developed with BlueWave Solar, comprise a total of approximately 6.9 MW of renewable power. Blue Cross, the anchor off-taker for these projects, entered a longterm agreement to purchase 2.6 MW of net metering credits that will be produced from the arrays.

- 5 Community Solar projects designed, built, owned and operated
- Twin Elm Farm, Site 1: 1,360.80 kW DC; 4,032 Modules
- Twin Elm Farm, Site 2: 1,297.44 kW DC; 3,816 Modules
- Twin Elm Farm, Site 3: 1,423.08 kW DC; 4,248 Modules
- Mendon, Site 4: 1,389.96 kW DC; 4,212 Modules
- Hopedale, Site 5: 1,389.96 kW DC; 4,212 Modules



“**This agreement and these projects will lead to cleaner air, reduce our electricity costs, support our local economy, and help to address climate change, one of the biggest public health issues we face today.**”



Kyle Cahill

Director of Sustainability and Environmental Health, Blue Cross Blue Shield



Benefits

Net metering credits are produced by generating renewable energy from solar and applying those credits to customer utility bills, reducing a customer’s overall monthly electricity costs. These projects have helped work towards sustainability goals for Blue Cross and the state of MA.

- Community Solar management services provided through BlueWave’s Community Solar Share Program and Solar Management Platform
- Electricity bill reductions for 200 local residents and small businesses
- Accessibility to local clean energy throughout Southeastern MA
- 13% increase in power generated by community solar projects in MA
- Reduce MA carbon emissions by 6,300 metric tons; the equivalent of taking 1,328 cars off the road



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 **amesesco.com**.