



Project Highlight

Roxbury Community College, MA



Roxbury Community College Reduces Annual Emissions by 5,689,934 Pounds of CO₂

Technology Type:

Comprehensive Energy And Water Upgrade | Energy Management System | Geothermal Heat Pump | LED Lighting | Solar

Total Solar Panels Installed
Photovoltaic Solar Canopy

3,000

Energy Project Size

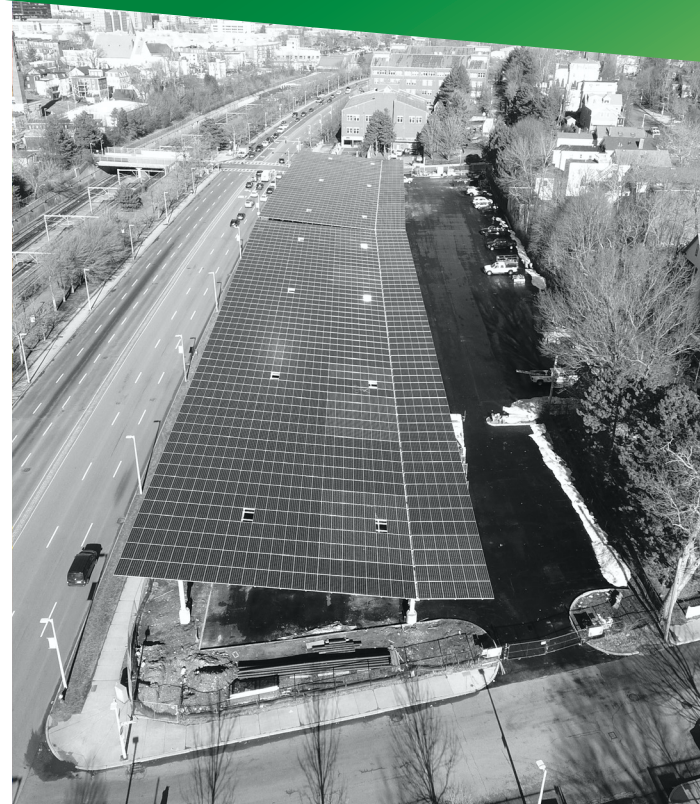
\$20,000,000

Geothermal System Capacity

400 tons

Annual Energy Savings

\$860,000



Summary

Roxbury Community College (RCC) partnered with Ameresco to address campus-wide energy upgrades, deliver energy savings, and reduce the college's carbon footprint.



Solution

Roxbury Community College (RCC) and Ameresco partnered on a \$20 million comprehensive energy and water project encompassing 23 energy conservation measures. Ameresco worked closely with RCC and their funders to generate a budget neutral plan.

- Installed 115 geothermic wells functioning as heating/cooling source
- Installed 400 ton capacity geothermal heat pump system
- Installed 3,000 panel solar canopy with one million kWh capacity
- Installed electric charging stations for up to six vehicles

“ I am so pleased that this renewable energy project... is already complete, with minimal disruption to the community. This renewable solution provides tremendous strides in supporting and helping to achieve our sustainability goals. ”

Dr. Valerie Roberson,
President, RCC



Benefits

Ameresco's work with RCC provided the college with clean renewable resources and energy cost savings. The generated savings allow RCC to direct more funds to other campus improvements.

- Annual emissions reduced by 5,689,934 pounds of CO₂
- Interior and exterior LED lighting enhancements
- Annual savings of \$860,000
- Reduced college's carbon footprint

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**.

