



## Project Highlight

# State of New Hampshire

AMERESCO 

## Energy Conservation Measures to Save \$4M Across 21 State Facilities and Attractions in NH

### Technology Type:

Energy Savings Performance Contract |

Solar PV | Energy Efficiency

### Project Size

236,015 square feet

### Energy Project Size

\$2.9M

### Annual Carbon Savings

659 metric tons

### Projected Energy Savings

\$4M



### Summary

NH's Seacoast region stretches 13 miles along the shoreline of the Atlantic Ocean and is home to historical landmarks and tourist attractions featuring the area's natural resources. Looking to implement energy efficiency solutions and upgrades at the region's facilities, the State of NH entered into a 19-year ESPC with Ameresco. The state expects to save energy without incurring any up-front costs and will pay for the improvements with the estimated savings of \$4M over the contract term.



## Solution

Ameresco's energy efficiency measures and upgrades at the Seacoast facilities included lighting system improvements, new windows, new transformers, pipe insulation, and energy management systems in addition to:

- Demand-controlled ventilation
- Chiller replacement
- Infiltration reductions
- Automatic temperature controls
- High-efficiency aquarium pumps
- Three PV solar arrays



The Seacoast Science Center in Odiorne State Park received a 63.6kW solar PV system



Aerial view of the Rockingham County Courthouse with roofmounted solar PV totaling 135.2 kW

**“It was truly a pleasure to work with Ameresco and I am pleased to recommend them for any future energy savings performance contracts.”**

Michael P. Connor  
*Administrator, State of New Hampshire*



## Benefits

Among the over twenty facilities that received energy efficiency measures include Rockingham County Courthouse, Science Center at Odiorne State Park, and the Department of Transportation turnpikes maintenance facility in Hampton. Without any up-front costs incurred by the State of NH, the conservation measures implemented by Ameresco will generate energy savings of \$4M and will fund the improvements over the term of the contract. Other benefits include:

- CO<sub>2</sub> offset of 659 metric tons per year
- Enhanced occupancy comfort for staff and visitors

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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