The City of Fall River selected Ameresco to implement a comprehensive energy efficiency and renewable energy solution to upgrade the City’s infrastructure, reduce energy costs, and develop a green community. To achieve these goals, the City signed an ESPC and a PPA, which includes four solar photovoltaic (PV) electricity generating systems.

**Environmental Benefits**
Through the City’s partnership with Ameresco, Fall River is expected to save the equivalent of 11,703 metric tons of CO₂ per year. The green benefit from this carbon reduction is roughly equal to:

- 2,495 acres of pine forest absorbing carbon
- 2,295 cars taken off the road for one year
- 1,013 households powered for one year

The project helps reduce the need for energy from traditional power plants fueled by fossil fuels.

**Services Provided**
Ameresco installed new lighting controls in order to prevent lighting from operating when not in use. Energy waste occurs when a fixture is energized unnecessarily while an area is unoccupied. Automatic controls can eliminate many energy management problems caused when occupants leave a space. Ameresco proposed daylight harvesting ballasts for perimeter fixtures and new daylighting fixtures contain an auto-dimming ballast with an individual photocell. Each fixture automatically adjusts its output according to how much natural light is available near the perimeter fixtures and new daylighting fixtures contain an auto-dimming ballast with an individual photocell.
About the City of Fall River, MA

Fall River is a city in Bristol County, Massachusetts, in the United States. It is located about 46 miles south of Boston. The city’s population was 88,857 during the 2010 census, making it the tenth largest city in the state. Located along the eastern shore of Mount Hope Bay at the mouth of the Taunton River, the City became famous during the 19th century as the leading textile manufacturing center in the United States. While the textile industry has long since moved on, its impact on the City’s culture and landscape remains to this day.

Learn more at www.fallriverma.org.

About Ameresco

Ameresco, Inc. (NYSE: AMRC) is one of the leading energy efficiency and renewable energy services providers. Our energy experts deliver long-term customer value, environmental stewardship, and sustainability through energy efficiency services, alternative energy, supply management, and innovative facility renewal all with practical financial solutions. Ameresco and its predecessors have constructed billions in projects throughout North America.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please visit www.ameresco.com.

Services Provided (cont.)

to how much natural light is available near the particular fixture.

The new lighting system was designed to maintain or improve lighting levels in designated areas. It also resulted in a smaller connected electrical load. To enhance the lighting system improvement project, Ameresco included ceiling replacements for certain portions of the Government Center. Two City schools and the Government Center retrofitted 3,400 efficient light fixtures. The new energy efficient fluorescent lamps operate on energy efficient electronic ballasts, and all incandescent lights were replaced with compact fluorescent lights (CFL) and/or LED lights.

Ameresco designed and built four PV systems for the City. These installations are located at the Water Treatment Plant, the Edmund P. Talbot Middle School, the Frank M. Silvia Elementary School, and the Matthew J. Kuss Middle School. The Water Treatment Plant is rated 109 kW, Frank M. Silvia Elementary School is 73 kW, Matthew J. Kuss Middle School is 161 kW and Edmund P. Talbot Middle School is rated 227 kW. The combined system consists of 2,624 solar modules and will produce 739,169 kWh annually.

As an educational benefit for the schools, Ameresco offered an extensive amount of teaching materials for teachers to utilize in the classroom; these materials have been prepared to meet the lesson guidelines as outlined by Massachusetts Learning Frameworks. Each lobby is equipped with an LCD television kiosk, which utilizes Ameresco’s proprietary software, MyEnergyPro™, to display key solar performance data through pictures, graphs and text in a user friendly way. The data includes weather conditions, system performance, project photos and information. Historical production values and CO2 offset and equivalencies are available. The data updates every 15-minutes throughout the day. A public website is available to the community to access to the information at any time.