



RHODE ISLAND DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION SCHOOL CONSTRUCTION PROGRAM

The Paul Crowley East Bay MET Center: An Innovative Facility for an Innovative School

The Paul Crowley East Bay MET Center in Newport, Rhode Island is one of a network of small, public high schools that focus on an individualized learning approach. Currently housed in the Florence Gray Community Center, **the Rhode Island Department of Education (RIDE), on behalf of the State of Rhode Island, is planning to build the first net zero State facility and perhaps the first net zero high school facility in the region.**



The project, currently in the design stage, will maximize renewable energy sources available on site and minimize energy consumption with an air-tight, well-insulated exterior envelope. The building is expected to take advantage of the site's access to solar, wind, and geothermal energies. The staff and students of the Paul Crowley East Bay MET School are committed to the efficient use of the facility and to exploring innovative ways of using the building to teach and learn about sustainability, green technologies, and the environment. RIDE's School Construction Program is pursuing a design-build approach with an anticipated completion in 2013. The project will comply with the RIDE School Construction Regulations and with the Northeast Collaborative for High Performance Schools protocol and is intended to provide a model for school construction across the State and the region.

The MET is a state funded public school district and local education agency, which serves 690 high school students in six small schools across three campuses in Rhode Island.



With high standards and strong family engagement, the MET's individualized learning approach has proven successful in unlocking students' passion for learning. The MET empowers its students to take charge of their learning, to become responsible citizens and life-long learners. The hallmarks of a MET education include internships, individual learning plans, advisory, and a breakthrough college transition program.

The MET School is committed to the three pillars of operating and educating in a green school:

- ***Environmental Impact of Facilities- Net Zero***
- ***Place-based Learning – School as a Teaching Tool***
- ***Indoor Environmental Quality and the Health of Students and Staff***

The MET School has an active 'Green Team' - a highly motivated and empowered group of stakeholders - including principals, teachers, facility managers, students, nurses, and parents - that help create and sustain healthy, high performance learning environments for its students.

SUSTAINABLE FEATURES AT THE PAUL CROWLEY EAST BAY MET SCHOOL

Net Zero Facility:

- 100kW Photovoltaic system
- Air tight building enclosure
- Super insulated shell
- Innovative ventilation system
- Geo-thermal heat pump
- Water efficient fixtures

School as a Teaching Tool:

- *Recycling Program*
- *Energy Tracking w/ EPA Portfolio Manager*
- *Drinking water sampling program*
- *School/Community Garden*

Health Program:

- Green Team
- Indoor Environmental Management Plan
- Integrated Pest Management Plan



MET students at Community/School Garden



MET Green Team visiting Sweden.