

## Somerville - Edgerly Early Childhood Development Center



Primary Applicant: City of Somerville

Project Summary: A 35 kW photovoltaic array will be mounted flat on the school roof. A small 400 Watt wind turbine is also planned as a demonstration and educational element. Energy improvements to be funded by MTC include classroom skylights with shading devices, clerestory windows and light shelves. Data will be gathered separately from all major uses of electricity, natural gas, and water including cooling, lighting, pumps, fans, heat rejection, gas heat, domestic hot water, kitchen cooking, main water and irrigation, as well as PV system electricity generation. Data will be integrated into the Building Management System & prepared for web site access for curriculum use. Grant Amount: \$630,000

Contact: Mike Foley, Project Manager, (617) 628-3221