

**Mass. Department of Energy Resources'
2015 Competitive Grant Awards**

Municipality	Grant Award	Projects Funded by Grant Award
Acton	\$245,000	Acton's 2015 Competitive Grant award will be used for the following energy conservation measures: a town wide LED streetlight conversion; interior LED lighting upgrades in Parker Damon Building, RJ Grey Junior High School (JHS) and Acton-Boxborough Regional High School; HVAC efficiency upgrades in Parker Damon; efficiency improvements of the cooling system at Acton-Boxborough RHS; and installation of Wi-Fi programmable thermostats in Douglas Elementary, Conant Elementary, and RJ Grey JHS.
Acushnet	\$238,222	Acushnet's 2015 Competitive Grant award will be used for the following energy conservation measures: in Town Hall, upgrade of heating system with new efficient condensing boiler, installation of programmable thermostats, and a lighting retrofit with LEDs and occupancy controls; at the Parting Ways building, conversion of the heating system from oil to installation of new efficient natural gas condensing boiler, programmable thermostats, interior lighting upgrade and occupancy sensors, and the installation of a vender miser; at Emergency Medical Services, installation of a network thermostat, a lighting upgrade to LEDs with occupancy controls, air sealing and insulation of the building, and the addition of burner controls to increase the efficiency of the existing boiler; at the Ford Middle and Elementary Schools, installation of demand control ventilation; and at Council on Aging, Town Hall and DPW garages, an upgrade of lighting to LEDs with occupancy controls.
Amesbury	\$225,865	Amesbury's 2015 Competitive Grant award will be used for the following energy conservation measures at the Amesbury Middle School: installation of a new energy management system, destratification fans in the gym, and vending misers, and repair of heating system steam traps.
Andover	\$191,901	Andover's 2015 Competitive Grant award will be used for the following energy conservation measures: in the High School, air sealing to improve the building envelope, exterior LED lighting retrofit and interior LED lighting and controls in school hallways, and plug load management controls; In West Middle and West Elementary Schools, interior LED lighting and controls in school hallways; and replacement of two pumps and motors in the Bancroft Pump Station

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Arlington	\$240,000	Arlington's 2015 Competitive Grant award will be used for the following energy conservation measures: at Bishop Elementary School, installation of a new energy management system, boiler 3-way valve and piping, modifications to existing heating system, and exterior lighting retrofit with LEDs; at Brackett Elementary School, installation of a Fault Detection and Diagnostic System and refrigeration controls for walk-in freezer; at Ottoson Middle School, replacement of domestic hot water system with a new efficient condensing boiler and exterior lighting retrofit with LEDs; at Peirce Elementary School, refrigeration controls for walk-in freezer and exterior lighting retrofit with LED; at the High School, exterior lighting retrofit with LED; and at Hardy Elementary School, installation of new programmable thermostats compliant with existing energy management system
Athol	\$72,294	Athol's 2015 Competitive Grant award will be used for the following energy conservation measures: air sealing and insulation and installation of a Burner Booster to the existing heating system at the Millers River Environmental Center and the DPW Highway Garage; exterior lighting retrofits to LEDS at the Fire Station; and interior and exterior lighting retrofits to LEDS at the Police Station
Auburn	\$157,095	Auburn's 2015 Competitive Grant award will be used for the following energy conservation measures: at Town Hall, an oil to natural gas heating system conversion, mechanical upgrades and installation of an energy management system; and at the Police Station, installation of variable frequency drives
Bedford	\$238,415	Bedford's 2015 Competitive Grant award will be used for the following energy conservation measures: a town wide LED streetlight conversion with sensors; at the Police Department, installation of boiler controls and variable frequency drives on pumps; at the Public Library, installation of variable frequency drives; and at Davis Elementary and John Glenn Middle Schools, installation of demand control ventilation
Belchertown	\$53,022	Belchertowns's 2015 Competitive Grant award will be used for the installation of an Electronic Fuel Management System and software for municipal vehicles and establishment of a behavioral-based program and the following energy conservation measures: at the Old Town Hall, installation of a new efficient boiler; and installation of new exterior storm windows at the Freedom Center Building and Recreation Center Building.
Beverly	\$128,455	Beverly's 2015 Competitive Grant award will be used for the following energy conservation measures: continuing commissioning software and consulting services at Beverly High School and a heating plant system upgrade at Cove Elementary School.
Boston	\$85,975	Boston's 2015 Competitive Grant award will be used for the installation of indirect, active solar thermal domestic hot water systems at Engine 07, Engine 09, and the Fire Academy.

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Bridgewater	\$231,245	Bridgewater's 2015 Competitive Grant award will be used for the following energy conservation measures: PLC control system upgrades at the Drinking Water Treatment Plant Main Office, Pump Room #10A & #10B, and Pump Room Well #3, Well #6, Pump Room #8 & #9; installation of efficient motors and/or variable frequency drives on pumps #1 & #2 at the Drinking Water Treatment Plant Main Office, Pump Room Well #3, and at Pump Room #10A & #10B; lighting retrofit with LEDs the Drinking Water Treatment Plant Main Office, the Senior Center, and Fire Station #2; installation of programmable thermostats at the Public Library and Drinking Water Treatment Plant Main Office; Installation of exhaust fan controls at the public library; installation of rooftop unit condenser unit controls and VAV controls for the energy management system at the Police Station
Brookline	\$240,000	Brookline's 2015 Competitive Grant award will be used for the following energy conservation measures: interior lighting retrofit with LEDs at Brookline High School and the Tappan Street Gym and Pool; and conversion of exterior lighting in parks and open spaces owned by the town to cobrahead LED lighting.
Carlisle	\$153,966	Carlisle's 2015 Competitive Grant award will be used for the following energy conservation measures: at Gleason Library, installation of heating system controls; at Town Hall, Carlisle School, and Gleason Library, retro-commissioning; and at Carlisle School, interior LED lighting retrofits and occupancy controls, refrigeration and kitchen hood controls, variable frequency drives on rooftop units and domestic hot water pumps; and an electricity to natural gas heating system conversion, instantaneous water heater, and interior LED lighting retrofit in the Brick Building.
Chelmsford	\$178,400	Chelmsford's 2015 Competitive Grant award will be used for the following energy conservation measures: installation of new energy management systems at Center Elementary School and the Senior Center; and modifications of existing energy management systems at McCarthy Middle School and the Adams Library.
Concord	\$244,000	Concord's 2015 Competitive Grant award will be used for the installation of four new efficient condensing boilers to upgrade the heating system at Sanborn Middle School.
Easton	\$200,000	Easton's 2015 Competitive Grant award will be used for the following energy conservation measures: an upgrade of the energy management systems at Easton Middle and Oliver Ames High Schools.
Gardner	\$72,850	Gardner's 2015 Competitive Grant award will be used to fund storm window replacement in City Hall Annex.
Gloucester	\$240,000	Gloucester's 2015 Competitive Grant award will be used for a complete city wide LED streetlight conversion.

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Hanover	\$158,936	Hanover's 2015 Competitive Grant award will be used for project administration, building operator certification training, and the following energy conservation measures: installation of an efficient boiler at the Fire Department; boiler controls at the Water Treatment Plant; and interior lighting retrofits at the Senior Center, Public Works, Highway and Cedar, Center, Middle and High Schools.
Harvard	\$225,914	Harvard's 2015 Competitive Grant award will be used for project administration, building operator certification training, and the following energy conservation measures: at the Public Library, retro-commissioning and an interior LED lighting retrofit; at Bromfield School, an exterior LED lighting retrofit, lighting controls for hallways, and retro-commissioning (Bromfield/Hildreth School complex); for Hildreth Senior Center, installation of an efficient furnace; and exterior LED lighting retrofits at the DPW and Police Department.
Kingston	\$223,351	Kingston's 2015 Competitive Grant award will be used for the following energy conservation measures: at the Elementary School, replacement of a rooftop HVAC units and an interior lighting retrofit; and at the Middle School, an interior lighting retrofit.
Lakeville	\$140,825	Lakeville's 2015 Competitive Grant award will be used for project administration and the following energy conservation measures: at Town Hall, replacement of the hot water heating system, domestic hot water system, building envelope improvements, plug load control, and smart thermostats; at the Fire Department, replacement of the hot water heating system, domestic hot water system, interior lighting retrofit with lighting controls, smart thermostats, pipe insulation and building envelope improvements; at the Police Department, upgrade of the heating system and building envelope improvements; and at Council of Aging, interior lighting retrofit and smart thermostats.
Lenox	\$144,590	Lenox's 2015 Competitive Grant award will be used for the following energy conservation measures at Morris Elementary School: upgrade of the air handling unit controls to DDC/electronic controls and upgrade of hydronic pumping, radiation and convection, exhaust fans controls and integration of all into the building's energy management system.
Lexington	\$238,997	Lexington's 2015 Competitive Grant award will be used for the following energy conservation measures at municipal schools: interior lighting retrofits with LEDs at Clarke Middle, Lexington High, Fiske Elementary, Harrington Elementary, Bridge Elementary, Bowman Elementary, and Diamond Middle Schools.

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Lincoln	\$78,707	Lincoln's 2015 Competitive Grant award will be used for project administration and the following energy conservation measures: installation of new efficient boilers at Pierce House; interior lighting retrofit with LEDs at the Brooks Auditorium; and installation of current transformers in electric panels and data monitoring to improve energy performance at the Lincoln School Complex, Public Safety, and Bemis Hall.
Lowell	\$88,500	Lowell's 2015 Competitive Grant award will be used for electricity data analytics for G-3 time of use accounts at ten school buildings and the Pollard Memorial Library.
Mashpee	\$163,537	Mashpee's 2015 Competitive Grant award will be used for the following energy conservation measures at K. C. Coombs School: installation of new condensing HVAC boilers, new condensing domestic hot water heater, demand control ventilation in the gym, café, and library, new energy recovery ventilators for classroom wings, automatic daylighting control in the central library, and unoccupied temperature setbacks.
Maynard	\$104,287	Maynard's 2015 Competitive Grant award will be used for an interior LED lighting retrofit at Fowler School; and a town wide streetlight LED conversion.
Melrose	\$225,000	Melrose's 2015 Competitive Grant award will be used for the following energy conservation measures: a retrofit of city-owned metered and non-metered streetlights, park lights, and parking lot lights to LED technology.
Milton	\$244,248	Milton's 2015 Competitive Grant award will be used for the following energy conservation measures: exterior lighting retrofits with LEDs at Cunningham/Collicot Elementary, Glover Elementary, Milton High, Tucker Elementary, Pierce Middle, and the Public Library; interior lighting retrofits with LEDs at Pierce Middle, Glover Elementary, Cunningham/Collicot Elementary, and Tucker Elementary; and installation of walk-in cooler/freezer controls at Pierce Middle, Cunningham/Collicot Elementary, Glover Elementary, Tucker Elementary, and Milton High schools.
Monson	\$199,810	Monson's 2015 Competitive Grant award will be used for the following energy conservation measures: at Quarry Hill Community School, fiberglass wrapping of exposed pipes, a lighting retrofit with LEDs, and installation of variable frequency drives; at Granite Valley Middle School, weatherization, fiberglass wrapping of exposed pipes, and a lighting retrofit with LEDs; at the Water & Sewer Building, weatherization and a lighting retrofit with LEDs; at Town Hall/Police Station, installation of plug load controllers; and lighting retrofits with LEDs at the Fire Station, Highway Garage, Senior Center, and Water & Sewer Building.

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Natick	\$237,222	Natick's 2015 Competitive Grant award will be used for behavioral dashboards at Brown and Ben-Hem Elementary Schools, purchase of an electric vehicle for the assessor's office, installation of an EV Level II charging station and the following energy conservation measures: at Brown Elementary, demand control ventilation, controls for domestic hot water pump and exhaust fans, variable frequency drives / motors, and circuit monitoring; at Wilson Middle, demand control ventilation and controls for domestic hot water pump; at Lilja Elementary, controls for domestic hot water and variable frequency drives / motors; at Natick High School, demand control ventilation, controls for ERUs, and WebCTRL reprograming for supply fan shutoff; at DPW office, controls for exhaust fans; at Police / Fire Station, variable frequency drives / motors; and at Ben-Hem Elementary, circuit monitoring.
Newburyport	\$195,892	Newburyport's 2015 Competitive Grant award will be used for the purchase of an electric vehicle with installation of a Level 2 EV charging station and the following energy conservation measures: at the High School, exterior and interior lighting retrofit with LEDs, weatherization of the building envelope, retrocommissioning of the HVAC system, and installation of demand control ventilation; and a lighting retrofit with LEDs at the Fire Station.
Newton	\$236,878	Newton's 2015 Competitive Grant award will be used for the following energy conservation measures: in Countryside Elementary and Oak Hill Middle Schools, interior lighting upgrades to LED with motion controls; in Police Headquarters and Garage, interior and exterior lighting upgrades to LED with motion controls.
Palmer	\$211,584	Palmer's 2015 Competitive Grant award will be used for the following energy conservation measures: weatherization at the Library, DPW Garage, Converse Middle School, Old Mill Elementary School, and Palmer High School; exterior or interior lighting retrofit with LEDs at the Wastewater Treatment Plant, Converse Middle, Old Mill Elementary, and the High School; and a burner upgrade for HVAC system at the WWTP.
Provincetown	\$34,862	Provincetown's 2015 Competitive Grant award will be used for an oil to propane heating system conversion and a fuel catalyst unit at the Tourism building.
Revere	\$89,460	Revere's 2015 Competitive Grant award will be used for the acquisition of four electric vehicles and acquisition and installation of two level 2 dual head EV charging stations.
Rowe	\$154,776	Rowe's 2015 Competitive Grant award will be used for the following energy conservation measures: at the DPW garage, an oil to wood pellet fuel heating system conversion and insulation and air sealing; at Town Hall, the Library, and Fire/Police Station, insulation and air sealing of the building envelope; and at the Library, an oil to electricity fuel conversion and installation of an air source heat pump.

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Salem	\$229,708	Salem's 2015 Competitive Grant award will be used for the following energy conservation measure: a complete city wide LED streetlight conversion.
Sherborn	\$77,800	Sherborn's 2015 Competitive Grant award will be used for the following energy conservation measures at Pine Hill School: upgrades to air handlers in the library and gym; upgrades to unit ventilators in classrooms; and insulation and air sealing of the building envelope.
Swampscott	\$225,000	Swampscott's 2015 Competitive Grant award will be used for a complete town-wide LED streetlight conversion.
Tewksbury	\$210,739	Tewksbury's 2015 Competitive Grant award will be used for the following energy conservation measures: at the Public Library, variable frequency drives on air handling units and exterior lighting retrofit; at the Food Pantry, installation of a unit heater and interior lighting retrofit; at the Senior Center, retro-commissioning; at Ryan Middle School, interior LED lighting retrofit and lighting controls; at South Fire Station, exterior LED lighting retrofit; and a interior LED lighting retrofit at the High School.
Topsfield	\$36,418	Topsfield's 2015 Competitive Grant award will be used for the following energy conservation measures: at Proctor Elementary School, the installation of a new domestic hot water condensing unit and improvements of the building envelope; and at Steward Elementary School, the installation of a new domestic hot water condensing unit.
Truro	\$81,000	Truro's 2015 Competitive Grant award will be used for the conversion to digital thermostats at Central School.
Watertown	\$207,505	Watertown's 2015 Competitive Grant award will be used for phase two of a complete town-wide LED streetlight conversion.
Westford	\$235,000	Westford's 2015 Competitive Grant award will be used for the following energy conservation measures: installation of an energy management system and equipment upgrades at Stony Brook Middle, Rita Miller, and Crisafulli Schools; and interior lighting retrofits at JV Fletcher Library and the Highway Facility.
Westwood	\$242,000	Westwood's 2015 Competitive Grant award will be used for the following energy conservation measures: a streetlight conversion to LEDs; installation of building management controls at the Library and Downey Elementary Schools; and a lighting retrofit with LEDs at the Library.

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Winchester	\$115,203	Winchester's 2015 Competitive Grant award will be used for the purchase of an electric powered vehicle and the following energy conservation measures: at the Library, energy management system controls upgrade; and exterior lighting retrofit with LEDs at the Town Hall/Library parking lot and the Senior Center.
Winthrop	\$163,629	Winthrop's 2015 Competitive Grant award will be used for the following energy conservation measures: weatherization at the Larsen Ice Rink; and lighting retrofits at the Public Works building and parking lot, the Ferry Terminal and Pier, Larsen Ice Rink, Ft. Banks Elementary and Cummings Elementary Schools.
Woburn	\$242,000	Woburn's 2015 Competitive Grant award will be used for the following energy conservation measures: retrocommissioning of the energy management systems at Memorial High, Malcolm White Elementary, and Reeves Elementary Schools; lighting retrofits with LEDs and/or occupancy sensors at Reeves Elementary, Joyce Middle, Linscott-Rumford Schools, the Senior Center, and the Police Station; and at the Police Station, HVAC and energy management system upgrades and replace of a rooftop unit.