

Tap into Energy Savings through the Commonwealth of Massachusetts

It Makes Sense

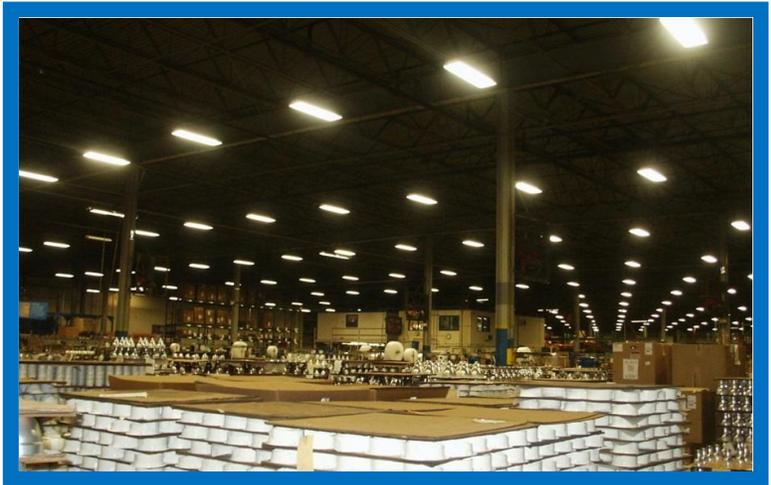
Reducing your facility's energy use can lower your costs and decrease air pollution. Thanks to Massachusetts' nation-leading energy efficiency programs you can take advantage of financial incentives & technical support to help meet your goal of becoming more energy efficient. The Massachusetts Department of Environmental Protection has partnered with the Department of Energy Resources and the Office of Technical Assistance to ensure Commonwealth businesses, institutions, and municipalities have information on energy savings opportunities and funding.

Energy saving opportunities may be around every corner

- ✓ Lights and Lighting Controls
- ✓ HVAC Equipment and Controls
- ✓ Compressed Air Systems
- ✓ Industrial Processes, Motors and Drives
- ✓ Waste Heat Recovery
- ✓ Steam Systems
- ✓ Combined Heat & Power (CHP)
- ✓ Custom Opportunities

Technical assistance & incentives can make the difference

- ✓ Energy-Scoping Audits and Assessments - To identify electric and gas saving opportunities
- ✓ Turnkey Efficiency Services - For small commercial and industrial customers
- ✓ Equipment Retrofitting - Paying up to 50 percent of the project cost
- ✓ Interest-Free Financing - Up to \$100,000 for qualifying projects
- ✓ Utility Bill Analysis - Identify opportunities to reduce electric demand charges
- ✓ Steam Program – Low or no-cost steam trap surveys and steam trap incentives
- ✓ Commissioning – Incentives towards expenses



T5 High Bay lighting retrofits at Philips Lightolier

Interested in learning more?

Let the Commonwealth connect you to the resources and help you tap into savings!

Commercial, Manufacturing, and Industrial Facilities:

Confidential on-site assistance

- Contact the MA Office of Technical Assistance John.Raschko@state.ma.us or 617-626-1093

Municipal Facilities:

Contact the MA Department of Energy Resources' Green Communities Division Coordinator near you:

- Northeast: Joanne.Bissetta@state.ma.us
978-694-3315
- Southeast: Seth.Pickering@state.ma.us
508-946-2838
- Central: Kelly.Brown@state.ma.us
508-767-2703
- Western: Jim.Barry@state.ma.us
413-755-2232

Proven Energy and Cost Savings!

Philips Lightolier, Fall River

The Approach

- Upgraded lights and lighting controls to reduce energy consumption
- Enhanced the efficiency of its air compression system by monitoring compressed air movement

The Results

- Project Cost: \$242,000
- Mass Save* Incentives: \$165,000
- Philips Lightolier: \$77,000
- Estimated annual kWh savings: 1,102,000
- Estimated annual savings: \$137,000
- Payback: Less than 9 months

Town of Arlington

The Approach

- Installed high efficiency lighting systems in various municipal buildings
- Converted streetlights to LED technology
- Replaced antiquated steam traps
- Installed an energy management system to control, monitor and troubleshoot all HVAC equipment in elementary school

The Results

- Project Cost: \$694,846
- Mass Save* Incentives: \$218,012
- Other Grants: \$200,185
- Estimated annual MMBtu savings: 3,061
- Estimated avoided GHG emissions: 863,915 lbs
- Estimated annual savings: \$341,794
- Payback: Less than 3 years

Beth Israel Deaconess Medical Center (BIDMC), Boston

The Approach

- Installed a demand ventilation system which samples the air & allows for a variable air change rate which provides a safer and more energy efficient operation for the laboratories

The Results

- Project Cost: \$644,423
- Mass Save* Incentive: \$321,926
- BIDMC Contribution: \$322,497
- Estimated annual MMBtu savings: 15,991
- Estimated annual kWh savings: 1,800,000
- Payback: Less than 14 months

Advancing renewable energy & energy efficiency in the Commonwealth

CLEANENERGYRESULTS

www.mass.gov/dep/cleanenergy.htm

Clean Energy Support Teams - providing one-stop shopping to help navigate the environmental requirements of clean energy projects.

MassDEP Northeast Region, Wilmington
978-694-3200 • Nancy.Baker@state.ma.us

MassDEP Southeast Region, Lakeville
508-946-2739 • Jennifer.Viveiros@state.ma.us

MassDEP Central Region, Worcester
508-767-2734 • Andrea.Briggs@state.ma.us

MassDEP Western Region, Springfield
413-755-2280 • David.Howland@state.ma.us

MassDEP Boston Office
617-292-5868 • James.Doucette@state.ma.us

CLEAN ENERGY RESULTS PROGRAM

A PARTNERSHIP OF:



*Mass Save is an initiative sponsored by Massachusetts' gas and electric utilities and energy efficiency service providers, including Columbia Gas of Massachusetts, The Berkshire Gas Company, Cape Light Compact, National Grid, New England Gas Company, NSTAR, Unitil, and Western Massachusetts Electric Company

To learn more about Mass Save® visit:
<http://www.masssave.com/>