



AMERICAN DEVELOPMENT  
INSTITUTE

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SUMMARY

ADI Energy was retained by the Department of Energy Resources (MA – DOER) to prepare Clean Energy Audits for a number of municipal buildings and school department buildings for the City and School District of Gardner, Massachusetts.

Energy Consulting Massachusetts  
Energy Efficiency Massachusetts  
Energy Conservation Massachusetts

**Size:** 5 buildings, 88,770 square feet

**Overall value:** \$30, 890

**Annual savings:** \$11,371

**Payback:** in 2.5 to 2.7 years

SERVICES

- Energy audit
- Energy savings analysis
- Benchmarking
- ECM recommendations
- Energy profiling
- State utility incentive program recommendations
- Energy Engineering
- Engineered solutions

MEASURES

- Solar PV and Solar Thermal
- Lighting
- Variable Frequency Drives
- Retro-commissioning
- Boiler Retrofits
- Indoor Air Quality
- Energy Management Systems (EMS)

# Department of Energy Resources-MA City and School District of Gardner, MA



## UNIQUE VALUE TO CUSTOMER

Energy studies were commissioned for the different buildings of the City and School District of Gardner in order to identify cost-effective energy conservation measures (ECMs) that would qualify for funding under DOER's Energy Conservation Improvement Program (ECIP).

Under this program, ADI Energy provided energy audits to the Gardner Senior Center, City Hall, the Greenwood Memorial Swimming Pool, the Central Fire Station, and the South Gardner Fire Station.

Not only did ADI Energy provide recommendations to various ECMs that would yield significant energy savings to the City and School District of Gardner, but also provided recommendations to optimize the operational efficiency of their building systems. ADI Energy also presented the City and School District of Gardner with different utility purchasing savings opportunities such as energy procurement, demand response and forward capacity payment programs.

