



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 Fitchburg, Massachusetts.

Energy Conservation Massachusetts  
**Size:** 7 buildings, 756,805 sq. feet

**Overall value:** \$786,969  
**Annual savings:** \$358,745

**Payback:** in 2.6 years

SERVICES

- Energy audit
- Energy savings analysis
- Benchmarking
- ECM recommendations
- Energy profiling
- State utility incentive program recommendations
- Conservation solutions
- Energy consultants

MEASURES

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

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



### UNIQUE VALUE TO CUSTOMER

Energy studies were commissioned for the different buildings of the City and School District of Fitchburg 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 has provided energy audits for the: Wastewater Treatment Plant, Fire Department Headquarters, City Hall, Crocker School, Memorial School, High School and Academy Pilot Middle School.

Not only did ADI Energy provide recommendations of various ECMs that would yield substantial energy savings to the City and School District of Fitchburg, but also recommendations to optimize the operational efficiency of their building systems. ADI Energy also presented the City with different utility purchasing savings programs and clean energy programs.

