



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 Town and School District of Lexington, Massachusetts.

Biomass Energy Massachusetts
DOER Massachusetts
Energy Conservation Massachusetts

Size: 10 buildings, 788,817 sq. feet

Overall value: \$563,320

Annual savings: \$122,443

Payback: in 13 years

SERVICES

- Energy audit
- Energy savings analysis
- Benchmarking
- ECM recommendations
- Energy profiling
- State utility incentive program recommendations
- Energy Engineering
- Cogeneration Consultants
- Retro-commissioning

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 Town and School District of Lexington, MA



UNIQUE VALUE TO CUSTOMER

Energy studies were commissioned for the different buildings of the Town and School District of Lexington 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: Town Office Building, Branch Fire Station, Main Fire Station, Police Station, Cary Memorial Library, High School, Diamond Middle School, Bridge Elementary School, Bowman Elementary, School, and School Administrative Building.

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

