



AMERICAN DEVELOPMENT INSTITUTE

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SUMMARY

ADI 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 Tewksbury, Massachusetts.

Size: 15 buildings, 763,320 sq. ft.

Overall value: \$675,430

Annual savings: \$177,851

Payback: in 4.4 years

SERVICES

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

MEASURES

- Solar PV and Solar Thermal
- Lighting
- Variable Frequency Drives
- Retro-commissioning
- Boiler Retrofits
- Indoor Air Quality

Department of Energy Resources-MA Town and School District of Tewksbury, MA



UNIQUE VALUE TO CUSTOMER

Energy studies were commissioned for the different buildings of the Town of Tewksbury 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 has audited the: Tewksbury Town Hall, Town Hall Annex, Department of Public Works, North and Center Fire Stations, Police Department, Library, High School, Middle School, John F. Ryan School, Loella F. Dewing School, Heath Brook School, North Street School, Louise Davy Trahan School and the Center School.

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

