



AMERICAN DEVELOPMENT  
INSTITUTE

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## SUMMARY

A solar hot water audit was performed on the O'Keefe Center Pool located at 225 Canal St. in the city of Salem as part of the Solar Thermal Program sponsored by the Massachusetts Department of Energy Resources (DOER).

Biomass Energy Massachusetts  
Energy Conservation Massachusetts  
Solar Energy Massachusetts

**Size:** 1 swimming pool

**Investment:** \$409,000

## SERVICES

- Energy audit
- Energy savings analysis
- Energy profiling
- State utility incentive program recommendations
- Sustainable energy solutions
- Engineered solutions
- Utility management
- Energy consultants
- Conservation solutions

## MEASURES

- Solar Thermal System Design
- Energy Management System (EMS)

# Department of Energy Resources-MA O'Keefe Pool, Salem State College



## UNIQUE VALUE TO CUSTOMER

The DOER requested that ADI Energy perform a Solar Thermal Feasibility Study for the O'Keefe Pool at Salem State College. The reports generated as part of the audits will be used to identify the priority sites for future solar hot water installations.

ADI Energy provided the Department of Energy Resources (DOER-MA) and Salem State College a report that details the audit, associated analysis and the resulting feasibility of the potential project. ADI Energy also evaluated the varying layout designs for the building that houses the pool in order to maximize the energy output of the solar heating system. ADI Energy also provided conceptual design that maximizes the output of the system while minimizing its investment.

