



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).

Size: 1 swimming pool

Investment: \$409,000

SERVICES

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

MEASURES

- Solar Thermal System Design

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



UNIQUE VALUE TO
CUSTOMER

The DOER requested that ADI 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 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 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 also provided conceptual design that maximizes the output of the system while minimizing its investment.

