



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

A solar hot water audit was performed on the Soldier's Home located at 110 Cherry Street in the City of Holyoke as part of the Solar Thermal Program sponsored by the Massachusetts Department of Energy Resources (DOER).

Size: 5 story brick/block building approximately 30'-45' feet tall

Solar Energy Massachusetts

Investment: \$215,000

SERVICES

- Total cost evaluation
- Savings modeling
- Solar PV layout design
- Preliminary assessment for energy
- Energy consultants
- Energy engineering
- Renewable energy services
- Sustainability

MEASURES

- Solar PV Evaluation

Department of Energy Resources-MA Soldier's Home - Holyoke, MA



UNIQUE VALUE TO CUSTOMER

The DOER requested that ADI Energy perform a Solar Thermal Feasibility Study for the main building at the Soldier's Home. The reports generated as part of the audit 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 the Soldier's Home in Holyoke, MA a report that details the audit, associated analysis and the resulting feasibility of the potential project. In order to maximize the energy output of the solar heating system, ADI Energy evaluated varying layout designs for the building. ADI Energy also provided a conceptual design that maximizes the output of the system while minimizing its investment.

