



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

Pawtucket Housing Authority retained ADI Energy to develop an investment grade audit and Green Physical Needs Assessment. The Pawtucket Housing Authority commissioned this energy study to identify cost-effective Energy Conservation Measures (ECMs) and Water Conservation Strategies.

*Energy Conservation Rhode Island
Energy Consulting Rhode Island*

Size: 6 buildings

SERVICES

- Energy audit development and analysis
- Energy savings analysis
- Preparing/analyzing energy savings M&V reports
- Energy trending
- Energy modeling
- Utility reduction
- Energy engineering
- Energy conservation
- Energy savings HVAC
- Energy performance savings

MEASURES

- Lighting Fixture Upgrades
- Water Fixture Upgrades
- Boiler and DHW Upgrade
- Common Area Setback Controls
- Photovoltaic Systems
- Energy Management Systems (EMS)

Pawtucket Housing Authority



UNIQUE VALUE TO CUSTOMER

ADI performed a number of valuable energy audits for the Authority. The investment grade energy audit included an audit of current consumption and systems within the Pawtucket Housing Authority. The HUD required Green Physical Needs Assessment looked at all of the physical needs of the Authority with a green focus. Because ADI completed both, the Authority was able to leverage an economy scale.

The scope of the Pawtucket Housing Authority projects included both family and elderly housing facilities at their locations. ADI Energy services on the Pawtucket Housing Authority projects included:

- Collection and review of historical energy usage and rate/tariff analysis,
- Study of the six Pawtucket Housing Authority facilities and their operational characteristics.
- Identification of potential modifications designed to reduce the energy use and/or costs.
- Performance of engineering and economic analysis of potential modifications
- Recommendations for accept/reject decisions of ECMs.

Additional services also included quarterly measurement and verification of a third party energy conservation project which saved the Authority over \$1 million in extra serve costs.