



AMERICAN DEVELOPMENT  
INSTITUTE

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SUMMARY

ADI Energy has been retained by the Department of Energy Resources (MA - DOER) to prepare a Clean Energy Audit for the fuel-consuming systems at the Quittacas Water Treatment Facility located in New Bedford, Massachusetts.

Solar Energy Massachusetts  
Energy Conservation Massachusetts  
Energy Consulting Massachusetts

**Size :** 2 buildings, 48,428 square feet

**Annual savings:** \$24,727

**Payback:** in 5.7 years

SERVICES

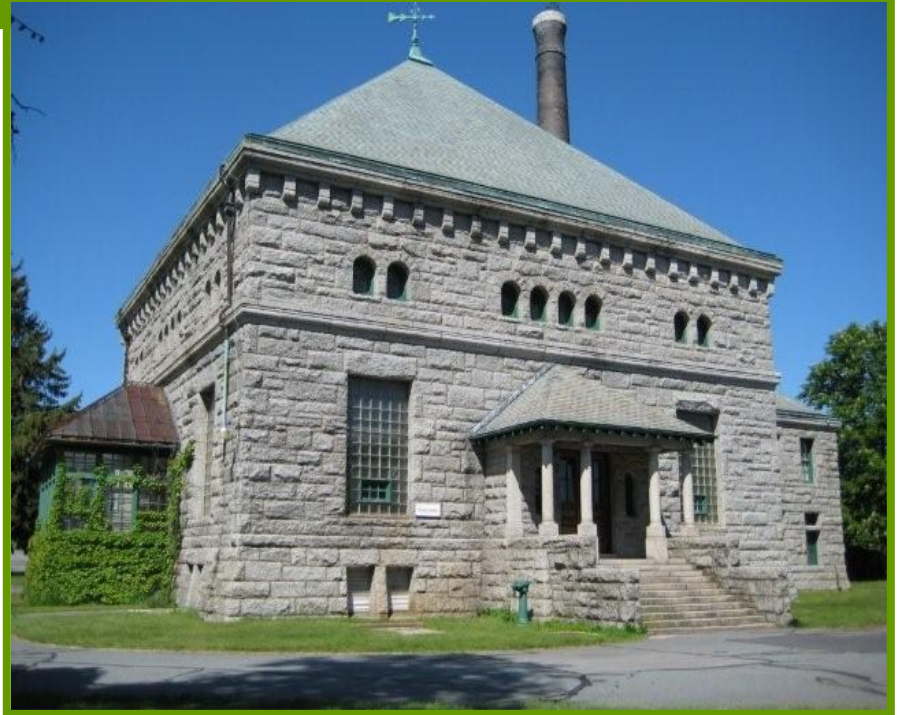
- Energy audit
- Energy savings analysis
- Benchmarking
- ECM recommendations
- Energy profiling
- Sustainable energy solutions
- Energy reduction
- Utility Management
- Energy engineering

MEASURES

- Boiler replacements
- EMS installation and retro-commissioning

# Department of Energy Resources-MA

## City of New Bedford, MA



### UNIQUE VALUE TO CUSTOMER

Energy studies were commissioned for the Quittacas Water Treatment Facility in New Bedford in order to identify cost-effective energy conservation measures (ECMs) that would qualify for funding under DOER's Energy Conservation Improvement Program (ECIP).

ADI Energy provided a scoping audit and analysis of the City of New Bedford WTP. By developing and considering a list of energy conservation measures that have the potential to meet the cost-effectiveness criteria of the program and that may be eligible for funding under the ECIP, ADI Energy had recommended two ECMs to be prioritized in order for the Water Treatment Facility in New Bedford to yield significant energy savings. The first ECM would be the Replacement of Boilers in the main building. The second ECM would involve Energy Management System Installation. The third and final ECM would be Retro-Commissioning .

