



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

Commissioning services for a performance contract that will start with the project audit phase and continue through monitoring and verification for the entire complex.

DCAM Massachusetts Energy

Size: 12 buildings, over 1 million square feet

Overall value: \$16 million

SERVICES

- Energy audit development and analysis
- Energy savings analysis
- Commissioning
- Preparing/analyzing energy savings M&V reports
- EMS trending
- Energy modeling
- CHP Design Build
- CHP Energy
- Cogeneration energy

MEASURES

- Lighting
- HVAC upgrades
- EMS
- Water conservation I-Con system
- Steam traps
- Variable speed drives
- Boiler
- Cogeneration
- Power factor correction
- Laundry

Bridgewater (MA) Correctional Institute



UNIQUE VALUE TO CUSTOMER

ADI Energy reviewed and approved a \$16 million project from the energy audit phase through the operations phase at Bridgewater Correctional Institute. The Massachusetts Division of Capital Asset Management (DCAM) requested that ADI Energy commission all energy conservation measures and evaluate any pricing project changes that accrued over the term of the contract. Commissioning plans included pre-functional and functional tests.

ADI Energy also completed a detailed savings and costing analysis of all ECMs at the Bridgewater Correctional Institute. These tests determined that the EMS needed to be further commissioned by the ESCO in order to provide the savings as stipulated at Bridgewater Correctional Institute.

