



AMERICAN DEVELOPMENT
INSTITUTE

Web: www.ad-institute.com
E-mail: info@ad-institute.com

SUMMARY

B-G Mechanical (BG) and ADI Energy were chosen by the Division of Capital Asset Management (DCAM) through an RFP process to audit, engineer, design and construct an energy savings performance contract (ESPC) on the Framingham State University campus. BG and ADI Energy assembled an energy performance contract aimed at improving the University's energy efficiency and building systems infrastructure.

DCAM Massachusetts Energy
Energy conservation Massachusetts

Estimated Investment: \$6.5 Million
Annual Savings: \$721,278

SERVICES

- CHP design build
- Cogeneration design build
- Consumption usage analysis
- Site evaluation
- Environmental and regulatory analysis
- Investment grade audit energy
- Preliminary assessment for energy
- Energy analysis
- Energy audit
- Energy savings HVAC
- Conservation solutions
- Commercial energy services
- ESCO

MEASURES

- HVAC
- Energy Management Systems

Framingham State University Framingham, MA



UNIQUE VALUE TO CUSTOMER

Division of Capital Asset Management (DCAM) hired B-G Mechanical and ADI Energy to audit, engineer, design and construct an energy savings performance contract (ESPC) on the Framingham State University campus.

B-G Mechanical and ADI Energy assembled an energy performance contract aimed at improving the Framingham State University's energy efficiency and building systems infrastructure. We developed a proposal for campus improvements that formed the basis for the performance efforts and resulted in the recommendation of relevant Energy Conservation Measures (ECMs).

We provided the DCAM and Framingham State University with a prioritized list of improvements and developed an economically viable approach that yields significant utility savings as well as essential equipment upgrades. The package delivered a wide range of important energy conservation and infrastructure improvements that were funded entirely from the utility cost savings while delivering positive cash flow over a 15-year Contract Term. ECMs such as campus-wide Lighting, rebuilding of the Central Boiler Plant including removing underground #6 oil tanks and installing three boilers (600 BHP each), replacement of the library chiller plant will deliver more than \$700,000 in annual savings.