



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

University of Massachusetts Medical School asked ADI Energy to develop a plan for University of Massachusetts Medical School to benchmark and create a plan of action to reduce its carbon footprint in order to meet the efficiency standards of Governor Patrick's Executive Order 484.

Energy Conservation Massachusetts
Energy Consulting Massachusetts
Energy Efficiency Massachusetts

Annual Est. Savings: \$800 thousand

SERVICES

- Energy audit development and analysis
- Benchmarking
- Energy savings analysis
- Retro-Commissioning
- Evaluating chiller options
- LCC evaluation of Measures
- Energy modeling
- EMS review
- Recommissioning
- Energy reduction

MEASURES

- HVAC upgrades
- EMS
- Lighting
- Energy Management System (EMS)

University of Massachusetts Medical School



UNIQUE VALUE TO CUSTOMER

ADI Energy benchmarked the energy use of the complex and analyzed the University of Massachusetts Medical School buildings' energy data. ADI Energy determined building balance points and the presence of simultaneous heating and cooling occurring in some buildings of the complex.

ADI Energy completed an on-site system evaluation of the energy systems such as lighting , HVAC, cogeneration and the building automation system. ADI Energy installed trending devices on AHU's and evaluated the heating and cooling condition of the systems. Based on this service, the University of Massachusetts Medical School will determine its next option for energy efficiency.

