



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

To meet the efficiency standards of Governor Patrick's Executive Order 484, Leahy Center asked ADI to develop a plan to benchmark and reduce its carbon footprint and create a plan of action to reduce it.

Annual Est. Savings: \$380,000 over the ten year life

Size: 45,236 sq. ft.

SERVICES

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

MEASURES

- HVAC upgrades
- EMS
- Lighting
- Rooftop Unit Replacements
- DHW Upgrade

Leahy Center Worcester, MA



UNIQUE VALUE TO CUSTOMER

ADI benchmarked the energy use of the complex and analyzed the buildings' energy data. ADI developed a retrocommissioning program and determined building balance points as well as the need for an EMS to control heating and cooling.

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

Leahy Center RTU-5 Temperatures
Monday 7/7/08

