



AMERICAN DEVELOPMENT  
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## SUMMARY

Enterprise Equipment Company and (EEC) and ADI Energy were chosen by the Division of Capital Asset Management and Maintenance through an RFP process to audit, design, engineer and construct an energy savings performance contract (ESPC) at the two campuses of Northern Essex Community College under a new Accelerated Energy Program. EE C and ADI Energy assembled an energy performance contract aimed at improving the University's energy efficiency and building systems infrastructure.

**Investment:** \$6.1 Million

**Annual Savings:** \$390,669

## SERVICES

- Consumption usage analysis
- Investment grade audit energy
- Energy savings
- Conservation solutions
- Energy engineering
- Construction management
- Measurement and verification
- Commissioning
- Training
- ESPC

## MEASURES

- Lighting and controls
- Electric motors
- Variable frequency drives
- VAV conversion
- Hot water boilers
- Fuel switching
- Energy Management Systems
- Water conservation

# Northern Essex Community College Haverhill and Lawrence, MA



## UNIQUE VALUE TO CUSTOMER

Under a new program designed to streamline the ESPC process called the Accelerated Energy Program, the Division of Capital Asset Management and Maintenance (DCAMM) hired Enterprise Equipment Company (EEC) and ADI Energy to audit, engineer, design and construct an energy savings performance contract (ESPC) at the two campuses for Northern Essex Community College (NECC) in Haverhill and Lawrence, Massachusetts.

EEC and ADI Energy assembled an energy performance contract aimed at improving NECC's energy efficiency and building systems infrastructure. We verified the DCAMM prepared scope of work for improvements that formed the basis for the performance efforts and resulted in the recommendation of relevant Energy Conservation Measures (ECMs).

We provided DCAMM and NECC with a prioritized list of improvements and developed an economically viable approach that yielded 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, energy management systems, new hot water boilers, a VAV conversion, insulation, water conservation, electric motors and VFDs will deliver approximately \$400,000 in annual savings.