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SUMMARY

American Development Institute (ADI) was hired by the Department of Energy Resources (DOER), through the DCAM renewable house doctor contract, to perform photovoltaic (PV) feasibility studies on Building E at Northern Essex Community College. This is in line with the Massachusetts Leading by Example Program, which upholds Governor Patrick's goal of providing 250MW of solar PV power by 2017.

Investment: \$144,000

SERVICES

- Total cost evaluation
- Savings modeling
- Solar PV layout design

MEASURES

- Solar PV Evaluation

Department of Energy Resources-MA Solar PV - Building E Northern Essex Community College



UNIQUE VALUE TO CUSTOMER

ADI visited Building E and developed a solar PV feasibility plan. The plan included surveying the location where the PV systems will be installed. ADI's report summarizes the evaluation of Building E and its recommendations for PV system installation.

ADI provided the DOER and Northern Essex Community College a report that details the audit, associated analysis and the resulting feasibility of the potential project. ADI provided a conceptual design that maximizes the output of the system while minimizing its investment. ADI also evaluated the varying layout designs for Building E in order to maximize the energy output of the system.

