



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

American Development Institute (ADI Energy) was hired by the Department of Energy Resources (DOER), through the DCAM renewable house doctor contract, to perform photovoltaic (PV) feasibility studies on 2 buildings at the 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.

Solar Energy Massachusetts

Investment: \$837,000

BUILDINGS

- Building B
- Building E

SERVICES

- Total cost evaluation
- Savings modeling
- Solar PV layout design
- Preliminary assessment for energy
- Energy consultants
- Energy engineering
- Engineered solutions
- Renewable energy services
- Sustainability

MEASURES

- Solar PV Evaluation

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



UNIQUE VALUE TO CUSTOMER

ADI Energy visited the Northern Essex Community College campus and developed a solar PV feasibility plan. The plan included surveying the location where the PV systems will be installed. ADI Energy's report summarizes the evaluation of each building and its recommendations for PV system installation.

ADI Energy 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 Energy provided a conceptual design that maximizes the output of the system while minimizing its investment. ADI Energy also evaluated the varying layout designs for the building in order to maximize the energy output of the system.

