



## AMERICAN DEVELOPMENT INSTITUTE

Phone: 401.608.2664  
Fax: 206.309.0853  
Web: [www.ad-institute.com](http://www.ad-institute.com)  
E-mail: [info@ad-institute.com](mailto:info@ad-institute.com)

### 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 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.

**Investment:** \$837,000

### BUILDINGS

**# of Buildings:** 2

- Building B
- Building E

### SERVICES

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

### MEASURES

- Solar PV Evaluation

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



### UNIQUE VALUE TO CUSTOMER

ADI visited the campus 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 each building 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 the building in order to maximize the energy output of the system.

