



AMERICAN DEVELOPMENT  
INSTITUTE

Web: [www.adienergy.com](http://www.adienergy.com)  
E-mail: [info@adienergy.com](mailto:info@adienergy.com)

MA Dept of Conservation & Recreation  
George's Island



SUMMARY

American Development Institute (ADI Energy) was hired by the MA department of conservation and recreation to perform photovoltaic (PV) feasibility studies on George's Island. 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.

Energy Conservation Massachusetts  
Wind Energy Massachusetts

**Investment:** \$900,000

**# of Buildings:** 3

BUILDINGS

- Maintenance Building
- Snack Building
- Welcome Building

SERVICES

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

MEASURES

- Solar PV Evaluation

UNIQUE VALUE TO  
CUSTOMER

ADI Energy visited George's Island and developed a solar PV feasibility plan. Along with battery and generator backup 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 Massachusetts's Department of Conservation and Recreation 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 each building in order to maximize the energy output of the system.

