



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

Thompson Island Outward Bound Educational Center commissioned ADI Energy to perform an energy assessment and infrastructure analysis of the buildings located on Thompson Island.

Energy Consulting Massachusetts

of Buildings: 13

SERVICES

- Energy engineering
- Energy audit development and analysis
- Alternative energy services
- Conservation solutions
- Site evaluation
- System evaluation
- Preliminary assessment for energy
- Energy Financial Analysis
- Energy consultants
- Energy reduction

MEASURES

- Lighting and lighting controls
- Boilers
- Energy management system (EMS)
- Solar

Thompson Island Outward Bound Educational Center



UNIQUE VALUE TO CUSTOMER

ADI Energy was retained by Thompson Island Outward Bound Educational Center to perform an energy assessment and infrastructure analysis of the buildings located on Thompson Island.

Thompson Island Outward Bound Educational Center is comprised of 13 buildings, totaling approximately 94,000 square feet of real estate on Thompson Island. Thompson Island Outward Bound Educational Center buildings' HVAC systems mainly consisted of oil-fired, steam heat.

ADI Energy recommended that any Energy Conservation Measure (ECM) strategy for the Thompson Island Outward Bound Educational Center campus to convert to year-round operation should initially be based on a fundamental approach such as envelope upgrades, lighting improvements, etc.

ADI Energy provided several ECMs ranging from minor lighting improvements to more technically advanced ECMs such as Solar PV or Wind Turbines.

In addition, ADI Energy advised Thompson Island Outward Bound Educational Center on some heating system improvement options, including replacing steam boilers with new, #2 oil-fired steam boilers or electrical ones.