



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

National Grid commissioned ADI Energy to perform a qualitative Scoping Study to evaluate Energy Conservation Measures (ECMs) proposed for Jade Engineering Plastics, Inc. by Alternative Creative Energy & HVAC, Inc. The purpose of the study was to provide sufficient analysis to enable Jade Engineering Plastics, Inc. and National Grid to determine which ECMs should be considered for further evaluation in a Technical Assistance (TA) report.

Energy Conservation Rhode Island
Energy Consulting Rhode Island
Energy Efficiency Rhode Island

SERVICES

- Commercial energy services
- Design build energy consulting
- Energy audit
- Energy analysis
- Preliminary assessment for energy
- Energy savings HVAC
- Energy financial analysis
- Energy reduction
- Energy conservation
- Utility management
- Utility reduction

MEASURES

- HVAC
- Energy Management System (EMS)
- VFD

National Grid Jade Engineered Plastics, Inc. Bristol, Rhode Island



UNIQUE VALUE TO CUSTOMER

ADI Energy was retained by National Grid to perform a qualitative Scoping Study to evaluate Energy Conservation Measures (ECMs) proposed for Jade Engineering Plastics, Inc. by Alternative Creative Energy & HVAC, Inc.. The Scoping Study provided National Grid a high-level evaluation of the various proposed ECMs related to the Jade Engineering Plastics, Inc. facility.

The Jade Engineered Plastics, Inc. facility is a 16,500 square foot, single-story manufacturing plant built in 1988 that contains a fabrication area, molding area, quality control area, oven room, compressor rooms, and loading docks. ECMs reviewed included replacement of HVAC units.

ADI Energy provided energy savings recommendations and project installation costs to National Grid and Jade Engineering Plastics, Inc. for the various ECMs based on the option provided by Alternative Creative Energy & HVAC, Inc. ADI Energy analysis provided National Grid and Jade Engineering Plastics, Inc. the opportunity to evaluate which ECMs should be considered for further evaluation for the Jade Engineering Plastics' facility.