



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

National Grid commissioned ADI Energy to perform a qualitative Scoping Study to evaluate Energy Efficiency Measures (EEMs) for the Flock Tex manufacturing facility in Woonsocket, Rhode Island. The purpose of the study was to provide sufficient analysis to enable Flock Tex, Inc. and National Grid to determine which EEMs should be considered for further evaluation in a Technical Assistance (TA) report.

Energy Efficiency Rhode Island
Energy Conservation Rhode Island

Annual savings: \$185,278

SERVICES

- Energy engineering
- CHP design build
- Commercial energy services
- Energy analysis
- Energy audit
- Preliminary assessment for energy
- Energy design build services
- Energy financial analysis
- Energy financial consulting services
- Energy reduction

MEASURES

- Boiler Retrofits
- CHP
- Energy Management System (EMS)

National Grid Flock Tex Manufacturing Facility Rhode Island



UNIQUE VALUE TO CUSTOMER

ADI Energy was retained by National Grid to perform a qualitative Scoping Study to evaluate Energy Efficiency Measures (EEMs) for the Flock Tex manufacturing facility in Woonsocket, Rhode Island. The Scoping Study provided National Grid a high-level evaluation of various EEMs related to the Flock Tex manufacturing facility.

The Flock Tex facility is a 72,000 square foot single story manufacturing plant that includes an office area and a warehouse space. Based on a preliminary review of the process equipment and other loads in the building and on an analysis of the electric billing history data, ADI developed an estimate of the end-use breakdown of the electric and gas consumption for the facility.

ADI Energy provided energy savings recommendations to National Grid and Flock Tex for the various EEMs based on the utility information provided, an interview with facility personnel and, and a site walk. ADI Energy analysis provided National Grid and Flock Tex, Inc. the opportunity to evaluate which EEMs should be considered for further evaluation for the manufacturing facility.