



AMERICAN DEVELOPMENT  
INSTITUTE

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

## SUMMARY

National Grid commissioned ADI Energy to perform a qualitative Scoping Study to evaluate Energy Conservation Measures (ECMs) for GSM Metals, Inc. in Cranston, Rhode Island. The purpose of the study was to provide sufficient analysis to enable GSM Metals, Inc. and National Grid to determine which ECMs should be considered for further evaluation in a Technical Assistance (TA) report.

Energy Consulting Rhode Island  
Energy Conservation Rhode Island

**Annual savings:** \$53,040

## SERVICES

- Retro-commissioning
- Commercial energy services
- Conservation solutions
- Design build energy consulting
- Energy analysis
- Energy audit
- Preliminary assessment for energy
- Energy engineering
- Energy savings HVAC
- Energy financial analysis

## MEASURES

- HVAC
- Boilers
- Energy Management System (EMS)
- Lighting

# National Grid GSM Metals, Inc. Cranston, 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) for GSM Metals, Inc. in Cranston, Rhode Island. The Scoping Study provided National Grid a high-level evaluation of various ECMs related to GSM Metals facility.

The GSM Metals, Inc. facility is a 90,000 square foot (approximate), single-story manufacturing plant. 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 GSM Metals, Inc. for the various EEMs based on the utility information provided, an interview with facility personnel and, and two site audits. ADI Energy analysis provided National Grid and GSM Metals, Inc. the opportunity to evaluate which ECMs should be considered for further evaluation for the GSM Metals facility.