AGENDA

- Introduction
- CIP Overview
- Energy Audits
- Brainerd Airport
- Conclusion
What defines Us
We promise passion and commitment for energy efficiency

Our Passion
is to help organizations make real, lasting conservation improvements that optimize energy usage and reduce power consumption.

Our Commitment
is to educate and assist decision makers in their efforts to implement proven energy-saving strategies in their facilities and operations.

Our Promise
is to work tirelessly and diligently to help companies transform themselves into sustainable, socially responsible organizations, while strengthening their bottom lines.
What We Do

- CIP Program Management
- Sales Tax Exemption Studies
- Predominant Use Studies
- Customer Solutions
What is CIP?

- CIP: Conservation Improvement Program
- From federal level to utility level
  - Regulated by Department of Commerce DER
- EI’s Role
  - Manage Programs
  - Energy Audits
  - Energy Savings Calcs
  - Facilitate Rebates
What is CIP?

- Utilities We Serve
  - Brainerd Public Utilities
  - Minnesota Power
  - Superior Water Light and Power
  - Grand Rapids Public Utilities
  - Virginia Public Utilities
  - Mountain Iron Public Utilities
  - Gilbert Water & Light
  - Biwabik Public Utilities
  - CMMPA
Energy Audits

- Importance of an energy audit
- What does an energy audit consist of?
  - Basic
    - Low hanging fruit
    - Lighting, HVAC, etc.
  - Comprehensive
    - Blower door testing
    - Thermal imaging
- Scheduling an energy audit
  - Utility sponsored vs. Private Consultant
• BPU Customer
  • Interested in saving energy to reduce operating costs.
    • Lighting is main focus

• Met with Jeff and walked through facility

• Explored several different project opportunities

• Installed LED wallpacks, LED floodlights and CFLs in Cold Storage
<table>
<thead>
<tr>
<th>AREA DESCRIPTION:</th>
<th>Existing System</th>
<th>Proposed System</th>
<th>Energy Savings</th>
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<tbody>
<tr>
<td></td>
<td>Lighting Type</td>
<td>Lighting Size</td>
<td># of Fixtures</td>
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<tr>
<td>Flood Lights</td>
<td>HPS</td>
<td>HPS150</td>
<td>16</td>
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<td>Metal Halide</td>
<td>HPS70</td>
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<td>HPS</td>
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<td>Incandescent</td>
<td>1800</td>
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Conclusion

- Through the CIP program, many utilities have audit and rebate programs.
- Contact your local utility to see what is available
- Schedule walkthrough of your facility through utility if available or through private consultant
- Implement energy conservation measures from audit report
- Apply for any rebates available through the utility.
- On-going process, always look for more opportunities
Questions