

Energy Opportunities Checklist



INFORMATION SUMMARY

COMPANY NAME: _____

DATE: _____

ADDRESS: _____

PROJECT ID: _____

TELEPHONE: _____

LIGHTING

- Identify and Categorize Lighted Areas
- Provide the Existing Operating Schedule
- Provide Details of Existing Lighting Fixture Types and Quantities with Input Power per Fixture in Watts
- Provide the Proposed Operating Schedule
- Provide Details of Proposed Lighting Fixture Types and Quantities with Input Power per Fixture in Watts
- Provide the Total Installation Costs

COOLING

- Provide the Existing Operating Schedule
- Provide Details of Existing Cooling Equipment and the Energy Rating Details (Cooling Tons and [S]EER)
- Inventory the Types of Cooling Equipment Used According to Codes Assigned for Use on the Worksheet
- Provide Manufacturer and Model Number Details for All Cooling (HVAC) Equipment and Quantities of Each Model
- Provide Details of Proposed Cooling Equipment and the Energy Rating Details (Cooling Tons and [S]EER)
- Provide the Total Installation Costs

MOTORS

- Identify and Categorize Motors by Function and Rated Size in Horsepower [HP]
- Provide Quantity of Each Existing and Proposed Motor Categorized by Horsepower [HP] Rating
- Provide Motor Nameplate NEMA Efficiency Rating in % for Each Existing and Proposed Motor
- Provide Estimated Annual Hours of Motor Use for Each Inventoried Motor
- Provide the Total Installation Costs

VARIABLE SPEED DRIVES

- Identify and Categorize Variable Speed Drives by Motor Function (Fan/Pump) and Rated Size in Horsepower [HP]
- Provide Estimated Annual Hours of Use for Each Inventoried Variable Speed Drive
- Complete Time Varying Profile of Motor Loading (%Time at %Load) with as Many as Five [5] Data Points
- Provide Energy Savings Analysis Performed for All Variable Speed Drives if Available
- Provide the Total Installation Costs

OTHER MEASURES

- Provide the Existing Operating Schedule
- Provide Details of Existing Equipment or Process and Quantities with Input Power or Power Ratings
- Provide the Proposed Operating Schedule
- Provide Details of Proposed Equipment or Process and Quantities with Input Power or Power Ratings
- Provide the Total Installation Costs