

**QUESTIONNAIRE**

**Oak Ridge National Laboratory**

**ISO 50001/50001 Ready Training**

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Background

Please complete this questionnaire to provide information for Advanced Energy to use in preparing training materials for the Oak Ridge National Laboratory (ORNL) ISO 50001/50001 Ready upcoming training.

**General Information**

Primary Contact Information for the training

1. Name:
2. Title:
3. Email:
4. Phone 1:
5. Phone 2:
6. Address:

Strategic Energy Management Information

1. Please select your organization’s interest level in ISO 50001/50001 Ready energy management. Please select all that apply:
   1. Just curious and want to get an overview
   2. Would like to implement energy management at my site
   3. Would like to receive 50001 Ready Recognition from the DOE
   4. Would like to achieve ISO 50001 third party certification
   5. Others, please list:

1. Does your facility have documented goals for improving energy performance? Are there corporate goals for improving energy performance beyond the facility goals? If yes, please describe both.
2. Does you facility have top management commitment for achieving energy performance? Does top management address energy performance at the corporate level?
3. Are there designated personnel at your facility who are responsible for energy management?
   1. Is this their primary role?
   2. Or is this a collateral role?
4. Is there a corporate level energy management team?

If yes, please list the structure and roles/titles of participants

1. Do you have existing ISO or other standard certifications? Please check all that apply:

* 1. ISO 9001, Quality Management System
  2. TS/IATF 16949, Automotive Quality Management System
  3. ISO 14001, Environmental Management System
  4. ISO 45001 (previously OSHAS 18001), Safety Management System
  5. Others, please list:

**Site Specific Information**

Site Location Information

1. Site Name:
2. Address:
3. Phone:
4. If available, please provide the cost of energy as a percentage of overall site operational expenses:
5. Site SIC and NAISC codes:

Overall Site Information

1. Date Established:
2. Total site square footage:
3. Air-Conditioned square footage:
4. Number of employees:
5. Typical manufacturing operations:
   1. Shifts per day
   2. Days per week
   3. Weeks per year
   4. Any shutdowns?
6. Please provide an overview of the processes and products for the site:

Site Energy Usage Information

1. Energy sources used on site (check all that apply)
2. Electricity
3. Natural gas
4. Liquid propane
5. Diesel Fuel
6. Fuel Oil
7. Coal
8. Renewables (please list size in kW, if any)
   * 1. Solar
     2. Wind
     3. Geothermal
     4. Hydro
9. Others, please list
10. Any combined heat and power (CHP) systems on site?
    1. No
    2. Yes
       1. If yes, please list the CHP fuel source:

Site Facility Support Equipment Information

1. What types of facility support systems are in operation? Please check all that apply.
   1. Air compressors and compressed air systems
   2. Chillers and chilled water systems
   3. Process cooling water systems, including cooling towers and fans
   4. HVAC equipment, including roof top units, air handlers, etc.
   5. Wastewater Treatment Plant (WWTP)
   6. Back up electrical power generation
      1. Total kW
      2. Fuel source:
   7. Boilers and steam/hot water systems
      1. Total boiler capacity, on site, MMBTU/hour:
      2. Boiler fuel source:
      3. Back up boiler fuel source, if any:
   8. Others, please list:
2. Any site-specific, unique process or facility systems? Please list: