



MANUFACTURING &
INDUSTRIAL

ENERGY EFFICIENCY CHECKLIST



PLAN. ACT.
OPTIMIZE.

info@a1energy.net | (717) 898-8021 | www.a1energy.net

The Industrial Sector uses the most delivered energy of any end-user. There are three main categories of energy usage types for industrial: 1) energy-intensive manufacturing 2) non energy-intensive, and 3) nonmanufacturing.

ENERGY EFFICIENCY

BUILDING ENERGY EFFICIENCY TO-DO LIST:

- ☐ Lower thermostat settings
- ☐ Match HVAC schedules to occupancy schedules
- ☐ Lower setback temperatures
- ☐ Optimize morning warmup and night setback controls
- ☐ Reduce/eliminate major sources of infiltration
- ☐ Install a desiccant dehumidification system
- ☐ Minimize use of outside air for process ventilation
- ☐ Educate employees on building systems & energy efficiency measures
- ☐ Check/adjust combustion efficiency of gas-fired equipment
- ☐ Minimize the use of gas-fired refrigeration equipment
- ☐ Check for ways to control solar gain to reduce the cooling load on buildings, including cool roofs or solar shading on windows
- ☐ Install revolving doors
- ☐ Install energy-efficient lighting and occupancy sensors
- ☐ Install LED exit signs

CENTRAL HEATING AREA

- ☐ Conduct boiler efficiency tests
- ☐ Optimize combustion efficiency
- ☐ Perform boiler maintenance and set a maintenance schedule
- ☐ Check boiler water chemistry
- ☐ Minimize boiler blowdown
- ☐ Optimize steam plant heat balance
- ☐ Minimize deaerator steam venting
- ☐ Optimize boiler loading





A1 ENERGY CONSULTING & LED LIGHTING EXPERTS

A1 Energy >

A1 Energy is a leader in energy consulting services committed to develop and deliver creative solutions to optimize energy efficiency, reliability, and sustainability for our clients. We combine our deep industry knowledge and financial expertise to dramatically lower energy costs and meet sustainability measures for our clients. We support government agencies, industrial, and commercial clients in achieving energy efficiency through reduced demand, strategic procurement, and alternative energy sources.

**PLAN. ACT.
OPTIMIZE.**

info@a1energy.net | (717) 898-8021 | www.a1energy.net

