

Process/ Operations Energy Use Reduction

Energy efficiency through **PROCESS/OPERATIONS ENERGY USE REDUCTION**

*Changes resulting in reduced energy consumption should be observable or documented.

*Changes should have a noticeable impact on a site's carbon footprint.

*Because of expected efficiency improvements and inherent economic savings, improvements must have been made within the five years prior to the time recognition is awarded.



To receive stewardship recognition for **PROCESS/OPERATIONS ENERGY USE REDUCTION**, a site must reduce its energy use associated with process and production operations. Changes such as replacement of older manufacturing equipment with more efficient models, resulting in a reduction in energy use during the manufacturing process, will qualify a company for recognition.

Changes that can result in **PROCESS/ OPERATIONS ENERGY USE REDUCTION**:

- ⇒ Updating manufacturing equipment to more energy efficient models
- ⇒ Engaging in proper machinery maintenance and upkeep
- ⇒ Implementing procedural changes to reduce energy consumption - changes to the length or schedule of operations
- ⇒ Increasing employee education and awareness of energy-saving practices

Tips for Reducing Process/ Operations Energy Use:

1. Energy use reductions may be achieved without major overhaul simply by engaging in proper maintenance practices and implementing procedural adjustments.
2. Frequent energy use assessments and comparisons to energy use figures of other industry peers can help an organization identify areas where energy efficiency is in need of and has potential for improvement.
3. To receive recognition, new technology must provide environmental benefit that exceeds that demonstrated by the industry norm.

**ENERGY
SAVINGS**

For more information on **PROCESS/
OPERATIONS ENERGY USE
REDUCTION**, visit:

Energy Star Website

[http://www.energystar.gov/index.cfm?
c=about.ab_index](http://www.energystar.gov/index.cfm?c=about.ab_index)

American Council for an Energy-Efficient Economy—Commercial Sector

<http://aceee.org/sector/commercial>

American Council for an Energy-Efficient Economy—Industrial Sector

<http://aceee.org/sector/industrial>

For more information contact:

Bureau of Compliance Support & Pollution
Prevention at (609) 984-9482

OR

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