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.

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.

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

For more information contact:
Bureau of Compliance Support & Pollution Prevention at (609) 984-9482
OR
stewardship@dep.nj.gov

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

Energy Star Website
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

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.

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