



ENERGY-SAVING TIPS FOR MANUFACTURING

There are many no- and low-cost steps you can take to reduce your energy consumption and control costs. Some upgrades are eligible for cash incentives from Energy Trust of Oregon.

Lighting and Controls

- Upgrade lighting in production and office areas with new energy-efficient bulbs and fixtures to save energy and improve lighting quality. *Cash incentives may apply.*
- Use occupancy controls to manage lights in storerooms, warehouses and lightly-used areas. *Cash incentives may apply.*

Equipment and Processes

- Invest in energy-efficient welders to reduce energy costs and clean-up time, and save on labor costs. *Cash incentives may apply.*
- Turn off idling equipment, machines and systems, and reduce startup and shutdown items for equipment and machines, to avoid energy waste.
- Install Variable Speed Drives on equipment that runs at different speeds to match speed to load requirements. *Cash incentives may apply.*
- Monitor motor cooling to maintain the life of the motor and decrease energy consumption.
- Keep boilers tuned-up to maintain the right fuel-to-air ratio and ensure all components are in working order.

Compressed Air Systems

- Keep compressed air systems well-maintained to improve efficiency, decrease air leakage and save energy.
- Turn off air to idle or unused equipment to avoid wasting energy.
- Upgrade air compressors and invest in air compressor cooling fans equipped with variable frequency drives. *Cash incentives may apply.*

Workplace Behaviors

- Educate your employees how workplace habits and behaviors affect energy use.
- Appoint and empower an employee or team of employees to lead sustainability efforts.



Visit www.energytrust.org/for-business or call 1.888.777.4479 for more resources and information on how you can save energy at your business.

Serving customers of Portland General Electric, Pacific Power, NW Natural, Cascade Natural Gas and Avista. 9/21