



PRODUCTION EFFICIENCY

CASH INCENTIVES, TECHNICAL ASSISTANCE FOR INDUSTRIAL SITES

One sure way to improve your productivity and boost your bottom line is to maximize the energy efficiency of your operations. But where do you find the capital, staff and time to identify and implement energy-efficiency projects? Energy Trust of Oregon can help.

Energy Trust's Production Efficiency program offers energy-efficiency and technical assistance services for industrial customers of all kinds, including manufacturing, food processing, agriculture and water/wastewater treatment at facilities located within Portland General Electric, Pacific Power, NW Natural or Cascade Natural Gas service territories in Oregon. You can boost your facility's overall production efficiency while also reaching your corporate environmental and energy goals.

Earn cash incentives

Energy Trust offers cash incentives for a range of cost-effective, high-efficiency projects, including:

- Premium-efficiency motors
- Refrigeration
- Compressed air
- Dust collection
- HVAC systems
- Variable speed drives
- Pumps
- Lighting fixtures and controls
- Fans

Cash incentives are based on project cost or the estimated annual kilowatt hour or therm savings to be gained from the recommended energy-efficient upgrades. All projects must be pre-approved before any equipment is ordered.

ENERGY TRUST INCENTIVES

Non-lighting projects (industrial and agricultural)

\$0.25/kWh, up to 50 percent of eligible project costs.

Lighting projects

Prescriptive incentives not to exceed \$0.17/kWh or 50 percent of project costs. Custom lighting incentives are 35 percent of project costs.

NEMA Premium® efficiency motors

\$10 per horsepower, up to 200 hp.

Municipal/service district project

\$0.32/kWh, up to 50 percent of eligible project costs.

Gain technical expertise

Energy Trust offers comprehensive technical assistance to maximize energy savings at your facility. You'll work directly with one of our Program Delivery Contractors—highly skilled engineering specialists who know your industry and how to capitalize on energy-saving opportunities. They will help you optimize the return on your investment.

The PDC will conduct a scoping study to determine the most cost-effective upgrades. If needed, Energy Trust will also pay for a technical contractor to complete a more detailed engineering study. Your PDC will develop technical specifications for energy-saving projects and help you evaluate contractor bids for all aspects of the project. The PDC will then complete the Energy Trust paperwork needed to qualify for cash incentives. They can also help you apply for a Business Energy Tax Credit offered by Oregon Department of Energy, if you are eligible.

Reach to the sun

A solar electric or solar water heating system is an excellent companion to energy efficiency and can help you lower energy costs further. Energy Trust cash incentives, combined with federal and state tax credits, can help you recover as much as 85 percent of your investment.



To get started, contact the Program Delivery Contractor in your area or industry. Call Energy Trust at 503.459.4061, email production@energytrust.org or visit www.energytrust.org/pe for help determining which PDC to contact.

WARM SPRINGS COMPOSITE PRODUCTS, WARM SPRINGS

Warm Springs Composite Products mixes a patented brew of earth, fiberglass and recycled newspaper to make fire-resistant-rated doors. As part of the manufacturing process, gypsum panels are cast, then dried. An existing dryer used sixteen 25 horsepower recirculation fans that ran continuously to maintain a specific air temperature over a 24-hour period. A customer of Pacific Power, Warm Springs installed a new low-velocity heated air oven dryer to decrease fan power requirements and save energy.

Energy Trust provided Warm Springs Composite Products with \$316,962 for the energy-efficiency improvements, which are expected to save approximately 1.6 million kilowatt hours for a savings of \$65,000 in annual energy costs. With incentives and tax credits, the expected payback is 3.5 years.