



Energy Trust of Oregon, Inc. An Overview

Mission Statement

To change how Oregonians produce and use energy by investing in efficient technologies and renewable resources that save dollars and protect the environment.

How We Came to Be

- Vision of sustained, focused support for energy efficiency and renewable power
- Led to 3% public purpose charge on PGE and Pacific Power (Oregon) bills
- OPUC authorized new nonprofit to administer majority of the funds
- Opened our doors March 1, 2002, when fund collection started

Strategic Goals

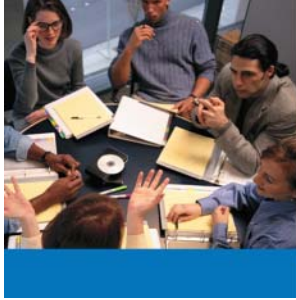
- Save 300 average megawatts of electricity by 2012
 - More than 30% of new Oregon electricity
 - Enough to power 2 cities the size of Bend
- Provide 10% of Oregon's electricity from renewable sources by 2012
 - 8-fold increase in renewable energy
 - At least 450 average megawatts of new power

Energy Efficiency Programs

- **Building Efficiency** (for office buildings, retail, hotels, restaurants, other commercial & government)
- **New Building Efficiency** (for new commercial & government buildings)
- **Production Efficiency** (for manufacturing, food processing, agriculture, wastewater and clean water treatment)
- **Home Energy Savings** (for site-built homes, manufactured homes and apartment buildings)
- **New Home Energy Savings and Efficient Home Products** (coming early 2004)
- **Solar Thermal** (for residential and commercial applications)

Renewable Energy Programs

- Open Solicitation
- Large wind
- Solar electric
- Small wind (2004)
- Biomass (2004)
- Geothermal
- Distributed generation demo projects



Energy Trust Efficiency Program for Food Storage Freezing and Processing

Production Efficiency

Production Efficiency Program

- Manufacturing,
- Food Processing,
- Agriculture, irrigation
- Wastewater Treatment
- Water Supply Systems

Elegible: Oregon customers of PGE,
PacifiCorp

(NW Natural Gas for Commercial and
Residential Customers)

Production Efficiency

Services:

1. Energy Studies

- 100% upfront funding of energy study
- BUT you have skin in the game.....
- If we find cost-effective measures, you must install the measure or repay 50% of the cost of the study.

2. Incentive

- For measures that meet our investment criteria,
- Buy down the simple payback to 18 months,
(Cost of Project) – (1.5 X Annual Energy \$ Saved)
- Maximum of 50% of the cost of the project.

Irrigation Program (future)

Possibility of a special program for Klamath Basin irrigators to:

- Pump Tests
- Pump adjustments as appropriate
- Nozzles
- Irrigation system design and/or replacement.

Also in Klamath, we are exploring working with NRCS, a federal agency investing in water efficiency. Our role with them would be to help assure that energy efficiency is designed into the systems they fund.

- We could do pump tests to help them with system design.
- They are converting some farmers from flood to pressurized irrigation. We are exploring the economics of doing land leveling to conserve water while not building the electric load.

If this works, we will investigate applying these practices elsewhere.

Meanwhile, irrigation improvements are eligible for the Production Efficiency program, as per the previous slide.

Production Efficiency Contacts

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