About

• Independent nonprofit
• Serving 1.5 million customers of Portland General Electric, Pacific Power, NW Natural and Cascade Natural Gas
• Providing access to affordable energy
• Generating homegrown, renewable power
• Building a stronger Oregon and SW Washington
Who we serve

• Industrial + manufacturing facilities
  ➢ Existing and new facilities
• Agriculture, nurseries, dairies, irrigators
• Water + wastewater treatment facilities
Your Energy Trust Team

- Energy Trust
- Program Delivery Contractors
- Technical Contractors
- Vendors/Trade Allies
What we provide

• Project scoping and technical studies
• Technical assistance
• Cash incentives for energy savings: capital upgrades, operations & maintenance improvements
• Strategic Energy Management
When do you call Energy Trust?

• New production facilities
• Existing production facilities
• Capital energy projects
• Retrofitting existing equipment
• End-of-life equipment
• Behavioral / cultural changes
Incentives for Equipment

- Compressed air
- Controls
- Direct contact water heaters
- Dust collection
- High-speed doors
- HVLS fans
- Insulation
- HVAC

- Hydraulic pump applications
- Hydraulic system improvements
- Refrigeration
- Variable Frequency Drives (VFDs)
- Welders
Receiving custom project incentives

1. Call Energy Trust PDC
2. Energy Trust will scope project
3. Receive incentive offer
4. Install project
5. Energy Trust will verify project
6. $ incentive from Energy Trust
Cash Incentives for Industry

Custom Capital
- $0.25/kWh
- $2/therm

Custom O&M
- $0.08/kWh
- $0.40/therm
- 90% incentive, completed in 90 days

Equipment Rebates
- $0.25/kWh

Lighting
- $0.25/kWh

Strategic Energy Management
- $0.02/kWh
- $0.20/therm

Up to 50% of project cost
Deschutes Brewery

- Passive cooling, energy-efficient lighting, compressed air and motor upgrades
- $36,500 in Energy Trust incentives
- 473,000 annual kWh, 6,300 annual therms saved
- $34,000 est. annual energy savings

“Oregon breweries are a tight group. We take advantage of what each of us has learned about making great beer using less resources.”

- Ron Shoemaker, maintenance manager
Gilgamesh Brewing

• High efficiency brewing system upgrade
• $9,800 in Energy Trust incentives
• 1,500 annual kWh, 3,900 annual therms saved
• $3,300 est. annual energy cost savings

“This was our first experience with Energy Trust, and it was very positive. We’re considering other projects such as energy-efficient lighting or solar electric.”

-- Lee Radtke, partner
Ninkasi Brewing

- High-efficiency steam boilers
- $35,900 in Energy Trust incentives
- 85,400 annual therm savings
- $72,200 est. annual energy cost savings

“An economical feature about these boilers is that they are two-stage, allowing us to match energy use to our varying load.”

- Paul Cook, vice president of production
Widmer Brothers Brewing

- Strategic Energy Management
- $57,200 in Energy Trust incentives
- 800,500 annual kWh saved
- $49,400 est. annual energy cost savings

“Strategic Energy Management helped us identify no- and low-cost improvements that dropped our kilowatt hours per barrel by 6.9 percent.”

- Julia Person, sustainability manager
Worthy Brewing Co.

- Energy-efficient lighting, high-efficiency heating system, solar electric
- $78,900 in Energy Trust incentives
- 110,900 annual kWh, 10,700 annual therms saved

- $15,900 est. annual energy cost savings

“Manufacturing beer uses a lot of energy, so we look for ways to reduce our energy load and costs. Energy Trust has been an excellent partner.”

– Chad Kennedy, brewmaster
Worthy Brewing Co.

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– Chad Kennedy, brewmaster

Thank You

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