



# FREE PIPE INSULATION FOR INDUSTRIAL FACILITIES

## UNCOVER HIDDEN SAVINGS AND BENEFITS WHEN INSULATING HEATED PIPES

Proper insulation of pipes is an essential part to saving energy, lowering heating costs, improving safety and reducing noise. When the temperature differential between the pipe (and the pipe's contents) and the ambient air is significant, the heat loss from the piping can be considerable. In cold spaces, hot water in the piping system will lose heat. Adding a layer of insulation will minimize the heat loss and prevent wasting energy. Businesses can improve energy use and lower costs with this free\* pipe insulation offer for heated pipes from Energy Trust of Oregon.

### Benefits of insulating pipes

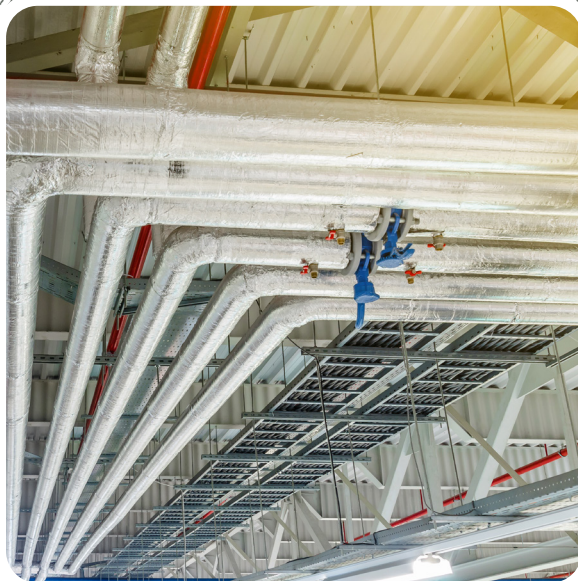
- Stabilizes process temperatures reducing load on the system
- Improves safety by controlling surface temperature
- Increases fire protection
- Enhanced appearance
- Controls noise and vibrations when material moves through the pipe
- Improves temperature control of the facility

### Customer eligibility requirements

- Must be located in Oregon and served by NW Natural, Cascade Natural Gas or Avista
- Pipes cannot have existing insulation. If existing insulation is damaged or missing, project must be pre-approved by Energy Trust
- Served on one of the following rate schedules:

NW Natural	03C, 03I, 31CSF, 31CSI, 31ISF, 32CSF, 32CSI, 32ISF, 32ISI
Cascade Natural Gas	104, 105, 111, 170
Avista	420, 424, 439, 440, 447, 456

*\*If you choose specialty coatings, greater insulation levels, jacketing of higher grade than PVC or Aluminum there may be additional costs. Check with your trade ally for additional costs not covered by Energy Trust incentives.*



### We make the process easy

Energy Trust has identified trade allies to perform this work at your facility. A trade ally will come to your facility and provide free installation and materials to complete your pipe insulation project. Then your trade ally will complete and submit your signed paperwork. Energy Trust will pay incentives\* directly to the trade ally.



Get more from your energy.

Visit [www.energytrust.org/industrialpipeinsulation](http://www.energytrust.org/industrialpipeinsulation), email [production@energytrust.org](mailto:production@energytrust.org), or call

**1.866.202.0576**.

### PROJECT AT-A-GLANCE

Heating fluid: Medium pressure steam (16-200 psig)

Pipe size/insulation thickness: 2" pipe with 2" thick insulation

Length: 281 linear ft

- 8,300 therm savings
- \$6,000 energy cost savings
- \$10,000 in project costs
- \$10,000 in Energy Trust cash incentives paid directly to trade ally

*Savings and cost based on annual estimates*