

# MANUFACTURERS CONTROL ENERGY COSTS THROUGH STRATEGIC ENERGY MANAGEMENT



## SEM IS THE FIRST STEP TO LONG TERM, SUSTAINED OPERATIONAL SAVINGS

Manufacturers are discovering how Strategic Energy Management (SEM) can boost their operations. Using no-and low-cost practices, Energy Trust of Oregon can help your plant gain energy savings of 5 to 10%.

Can your business afford to leave savings on the table? SEM develops and taps the skills of your own staff to manage energy for long-term energy savings.

SEM is delivered through a cohort—a group of diverse manufacturers providing opportunities for peer-to-peer learning.

More than 220 Oregon manufacturing sites, representing more than 180 companies, have found that SEM can reduce energy intensity and energy costs at industrial facilities.

Our SEM team of energy coaches and technical experts guide you and your staff to:

- Cultivate and train an energy champion and energy team
- Train staff and empower employees to identify and reduce energy waste
- Clarify organizational energy goals and priorities
- Engage and empower employees to reduce energy waste in their work area
- Use diagnostic business tools and templates to identify waste in systems
- Measure, track and report on energy intensity, savings and performance
- Engage and empower employees to reduce energy waste

## Some of Oregon's leading manufacturers have participated in Strategic Energy Management:

- Acumed
- Americold
- Arctic Glacier
- Blount
- Boise Cascade/Kinzua Lumber
- Bright Wood
- CalPortland
- Carestream Health
- Cascades Tissue
- CertainTeed
- Cerule
- Cintas Uniform Services
- City of Albany
- City of Corvallis
- City of Klamath Falls Wastewater Division
- City of Portland Water Bureau
- City of Portland Bureau of Environmental Services
- City of Salem
- City of Wilsonville
- Clackamas Water Environment Services
- Clean Water Services
- Daimler Trucks North America
- Darigold
- Dave's Killer Bread
- Grain Craft
- Hampton Lumber
- JAE Oregon
- Jeld-Wen
- Kerr Concentrates
- Klamath Energy
- Lam Research
- Leatherman Tool Group
- Leupold & Stevens
- Mondelez Global
- National Frozen Foods
- New Seasons Central Kitchen
- Nike IHM
- Pacific Foods
- Pacific Pine Products
- Precision Castparts Corporation
- Polyform, Inc.
- Purdy Paintbrushes
- Roseburg Forest Products
- Sequential Pacific Biodiesel
- Smith Frozen Foods
- South Suburban Sanitary District
- Services Southern Oregon Linen Services
- Space
- STANLEY Infrastructure
- Timber Products Company
- Toyo Tanso
- Tualatin Valley Water District
- Universal Forest Products
- Valley Fresh Foods
- Weyerhaeuser
- Widmer Brothers Brewing
- Yoshida Foods International



Energy Trust is recruiting 10-12 firms to join the next cohort of SEM.

Eligible companies are:

- Served by Portland General Electric, Pacific Power, NW Natural, Cascade Natural Gas or Avista
- Spending at least \$50,000 annually (at least \$4,000 per month) on electricity and natural gas combined
- Committed to saving energy through continuous improvement practices
- Willing to implement no-and low-cost projects during the year-long engagement

To gain optimal results and qualify for the full range of training, assistance and cash incentives available through SEM, your team must:

- Participate fully in the year-long training by attending each workshop and completing assignments and onsite projects between workshops
- Obtain management support for an energy champion, energy data manager and energy team to commit work time to SEM activities
- Provide Energy Trust with energy and production data, or other data, to develop energy intensity models for your facility and to measure energy savings achieved.

Upon completion of the year-long SEM training, Energy Trust can provide cash incentives for verified energy savings. Incentives are \$0.04 per annual kilowatt hour and \$0.40 per annual therm saved.



Get more from your energy. For more information, contact us at [production@energytrust.org](mailto:production@energytrust.org) or call **1.866.202.0576**.

**What staff should be involved in SEM?** Each participating company must designate an energy champion, energy data manager, and an energy team. Your in-house energy team can be as big or as small as fits your company's size and culture.

**What will this cost?** Energy Trust provides training, technical services and assessments at no cost to you. The only cost is the time commitment for staff to participate.

**What's the time commitment for staff?** A minimum of two staff members from the energy team must attend six workshops offsite; the first two workshops are eight hours, and the remaining four workshops are four hours each. There are also five events at your site in which broader employee participation—beyond the energy team—is encouraged. These onsite events each range from two to five hours.

**Why is this a year-long commitment?** Lasting organizational change takes time. Over the course of a year we introduce, and help you implement, a holistic approach to energy management that saves energy immediately and provides a strong foundation for future continuous energy improvement at your business.