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NEWS

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Traffic signal program is a green light for energy statewide *Energy Trust completes program to transform market for state's traffic lights*

SALEM, Ore. — May 23, 2006 — Traffic signals are controlling traffic using a lot less energy across Oregon. A three-year program from Energy Trust of Oregon, Inc., has replaced 12,158 high-maintenance and high-energy traffic signals with Light-Emitting Diode (LED) units that use 80 to 90 percent less electricity than incandescent traffic signals.

Since 2003, Energy Trust has provided nearly \$650,000 in incentives to 70 Oregon cities, counties and state agencies to install high efficiency LED traffic signals. By changing traffic and pedestrian signals to LEDs, the statewide program has saved about 7.8 million kilowatt-hours of electricity, valued at more than \$587,000 per year. That's the equivalent of the electricity needed for 650 average Oregon homes.

"We definitely reached our objective for the program, which was to produce quick, cost-effective energy savings visible over a wide geographic area," said Greg Stiles, business sector manager, Energy Trust.

Salem, Marion County and Oregon Department of Transportation participated in the program and replaced 1,188 signals on local roads and state highways in the area. The new signals save 633,000 kilowatt hours, for an annual energy cost savings of \$48,000.

Energy Trust leveraged the City of Portland's 2001 LED retrofit of 13,000 signals by contracting with the City's Office of Sustainable Development (OSD) to create the statewide program. Through a comprehensive strategy, OSD designed a program to transform the marketplace. As the program wraps up, 84 percent of green LEDs, 25 percent of the orange and white pedestrian signals, three percent of flashing amber signals and two percent of white pedestrian signals have been upgraded to high efficiency products. Green signals were the primary target, since traffic signals are green the majority of the time, making this the most cost-effective retrofit. Red LEDs had been replaced under a prior program.

Energy Trust of Oregon, Inc., is a nonprofit organization dedicated to changing how Oregonians use energy by promoting energy efficiency and clean renewable energy for Oregon customers of Pacific Power, Portland General Electric and NW Natural. For more information, visit the Energy Trust website, www.energytrust.org, or call 1-866-ENTRUST (368-7878).

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