

Steam Engineering, Inc.



A
Northwest-Based
Company

**Providing Steam-Related Engineering, Full Service
Water Treatment, and Tech Support**

West Linn Paper Company Saves \$379,000 Annually

- Achieves annual natural gas savings of nearly 58,200 MMBtu
- Generates a simple payback of less than six months

Searching for additional energy-efficient practices, the West Linn Paper Company participated in a U.S. Department of Energy (DOE) energy assessment. The West Linn, Oregon, mill had previously upgraded boiler controls when Energy Expert Bill Moir of Steam Engineering, Inc., conducted the assessment using DOE's **Steam System Assessment Tool (SSAT)** software and provided seven recommendations for improving energy efficiency.

By implementing several of the steam system improvement opportunities identified during the assessment, the mill achieved annual cost savings of \$379,000 and natural gas savings of approximately 58,200 MMBtu. These recommendations included connecting two separate heaters and installing a blowdown recovery system, retuning boiler controls to lower excess flue gas oxygen content, and performing a steam trap survey.

After implementing the proposed energy-saving opportunities, West Linn Paper Company is scheduled to save approximately **\$2 million over a two-year period.**

Steam Engineering, Inc. offers qualifying companies a **free audit** of their steam systems to assess current fuel-savings opportunities.

For more information on how your company could benefit from similar improvements, contact Steam Engineering, Inc. at **800-346-6152** or info@steamengineering.com.

To read the complete case study, visit <http://www1.eere.energy.gov/industry/saveenergynow/pdfs/42352.pdf>.

Find out how your company can qualify for a **FREE Fuel Savings Analysis** for your specific operation.

Reduce Operating Costs & Increase Profits:

◆ **Reduce Fuel Use**

- Optimize Combustion Control
- Stop Steam & Condensate Leaks
- Increase Condensate Return
- Recover Blowdown & Flash Steam Heat
- Recover Boiler Stack Waste Heat

◆ **Reduce Boiler & Cooling Tower Chemical Use**

- Pretreat Makeup Water
- Reduce Chemical Use
- Automate Boiler Chemical Treatment

◆ **Reduce Repair & Maintenance**

◆ **Improve Environmental Compliance**

<http://www.steamengineering.com>

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Let our team of specialists help you solve steam-related challenges.