



For Businesses



For Homes



Renewable Energy



For Trade Allies



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EnergyTrust of Oregon

Plan to Accelerate Gas Activity

Conservation Advisory Council
April 18th, 2007



Plan to Accelerate Gas Activity

- This document outlines efforts to accelerate savings for gas programs.
- Note: several of these items combine gas and electric efficiency measures, sometimes that's the best avenue to accelerate gas.

Accomplished: Overall

- Incorporated gas in all non-industrial programs
- Significant savings from new/existing commercial and residential sectors including appliances
- Significant savings volume increase over pre-Energy Trust programs
- Built regional and national relationships to develop markets and share ideas and strategies
- Participated in national meeting to establish gas market transformation priorities

Accomplished: Overall (cont'd)

- Organized and chaired session at national conference on gas market transformation
- Now serve two gas utilities in Oregon and deliver one program for the third, allowing for a more holistic approach to Oregon markets

Accomplished: Residential

- New incentives available for efficient gas fireplaces
- New incentive available for tankless water heaters
- New incentive available for Energy Star “plus” new homes
- New incentives available for new multifamily homes
- New spiff for furnaces in new homes
- Simplified/consistent incentives for gas & electric weatherization

Accomplished: Commercial

- New incentive available for commercial washers
- Increased boiler incentives
- New or increased incentives for several food service measures

Next six months: Overall

- Promote all the new incentives listed above through new targeted initiatives within programs
 - EG: June bill stuffer and promotional offer for tankless water heat

Next six months: Residential

- ENERGY STAR homes/code transition- will capture market transformation savings
- Conducting market research on how to accelerate weatherization
- Cost effectiveness screening for dishwashers
- Expand outreach effort for solar thermal applications

Next six months: Commercial and Light Industrial

- Build lodging and foodservice initiative off of restaurant initiative
 - Hi-E cooking equipment
 - Hi-E water heaters
 - Hi-E waterloop heat pumps
 - Hi-E thru-wall gas heaters
- Research to validate savings from radiant heat
- Cost effectiveness screening for dry cleaner steam trap replacement

Next six months: Commercial and Light Industrial (cont'd)

- Target nursery heating and efficient glazing systems
 - Cost effectiveness screening for greenhouse window film
- Exploring biofuels to supplant gas boiler loads
- Target smaller industrial operations that contribute to PPC through Production Efficiency small industrial initiative
 - Boiler efficiency upgrades
 - Steam trap replacement
 - Radiant heating opportunities

Next six months: Commercial and Light Industrial (cont'd)

- Perform training outreach sessions to contractors and users about gas efficiency technologies and strategies
- Establish closer ties with public electric utilities for referrals and comprehensive services to customers
- Expand outreach effort for solar thermal applications

Late 07-08: Residential

- Promote HI-E water heaters (EF=.70) as soon as available.
- Research to validate savings from tankless water heaters
- Develop more advanced ENERGY STAR new home program

Late 07-08: Commercial

- Developing enhanced small new building incentive offering
- Review pre-rinse spray valves
- Heat recovery from refrigeration for heating hot water and space heat (groceries)
- More large new buildings in 08
- Continue facilitating the introduction of Hi-E packaged roof-top HVAC equipment
- Continue to market solar thermal applications

Long Term Exploration: Residential

- Figure out niche and cost effectiveness for space/water heating combo units
- Explore residential home energy feedback devices, if they become available for gas
- Complete furnace market transformation
- Explore advanced home duct control technologies

Long Term Exploration: Commercial

- Marketing for more commercial equipment (tankless water heat for restaurants?)