



INTERMOUNTAIN
CHP
APPLICATION
CENTER

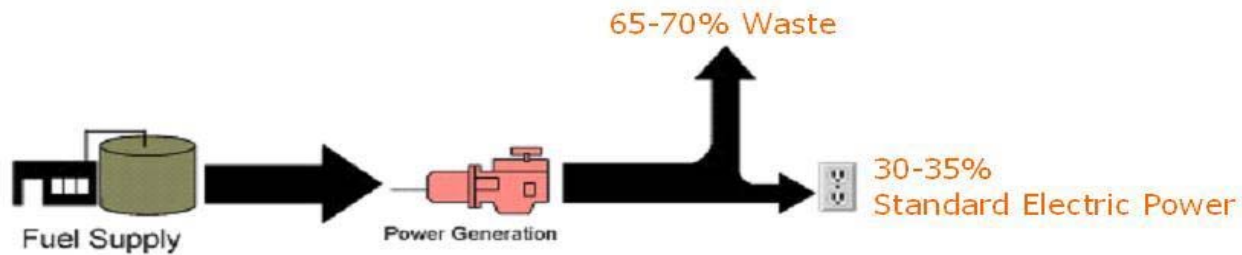
CHP What's in it for Your State

2006 NASEO Annual Meeting
Seattle Washington
September 13, 2006

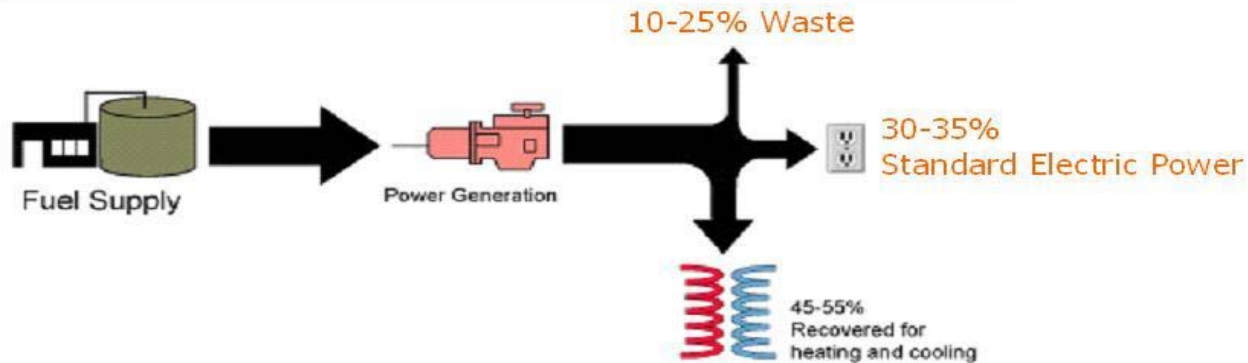


Energy Efficiency

Traditional Power System



With CHP





Energy Efficiency

- Potential in the west alone is over 400MWe
- Increased CHP will reduce natural gas consumption and prices.
- Texas, California, Northeast
 - 50% increase in CHP => NG reduced by 6.4%, cost by \$1.00/decatherm
- EE Credits

WGA CHP White Paper
<http://www.westgov.org/wga/initiatives/cdeac/CHP-full.pdf>



Portfolio Standards and CHP

Energy Efficiency

Connecticut Class 3 - Renewable Energy Credits

Pennsylvania Tier 2

RPS, Traditional CHP

Hawaii – DG

Nevada - waste heat recovery

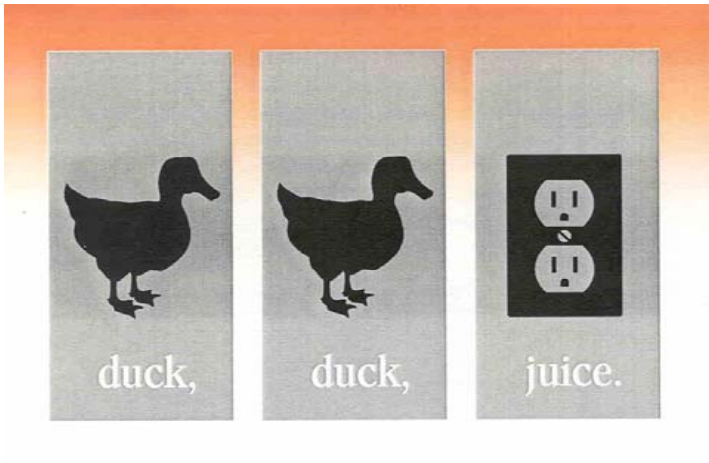
Maine – “efficient resources criterion”

RPS, Renewable CHP

US DOE Report Pending



CHP and Renewables



Biomass fuels

- Wood waste
- Switch grass
- Bagasse
- Corn stover
- Biogas

CHP Applications

- Farms
- Industrials
- Buildings

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Renewable Portfolio Standards (RPS) & Renewable Energy Credits (RECs)

- 23 RPS/RPG in the U.S.
- Biomass/biogas electricity generation qualifies in all (including renewably-fueled CHP)
- Biomass/biogas electricity generation qualifies for national voluntary RECs
- Thermal portion of CHP does not generate credits



Energy Policy Act of 2005

- Net Metering
- Fuel Sources
- Fossil Fuel Generation Efficiency
- Interconnection