

Rocky Mountain Power Trig Soleim

Utah Department Of Environmental Quality
Air Quality Compliance Advisory Panel

April 29, 2008



Overview

- ▶ Rocky Mountain Power wants to help its customers save energy and money
- ▶ To Rocky Mountain Power, energy efficiency is a resource
 - ▶ We have goals/targets for acquiring energy efficiency – part of a ten-year least-cost resource plan
- ▶ Energy conservation programs
 - ▶ Benefit customer's bottom line
 - ▶ Are part of a sustainable energy portfolio
 - ▶ Help the local businesses served by us to remain competitive

Opportunities for Energy Conservation

- ▶ Rocky Mountain Power has several ways to help customers save money and contribute to energy conservation.
 - ▶ Resources for Sustainability
 - ✓ Tips and resources for Rocky Mountain Power's customers to improve efficiency in residences and businesses
 - ▶ Energy Efficiency Programs
 - ✓ Purchase and install energy efficient equipment and receive cash incentives or bill credits depending on eligibility
 - ▶ Renewable Portfolio
 - ✓ Purchase renewable energy generated from wind or other renewable sources and participate in renewable energy programs – “Blue Sky” Program

Resources for Sustainability

- ▶ No cost/low cost tips to improve efficiency in your workplace
 - ▶▶ Use fluorescent lighting to reduce your lighting energy load by 1/3
 - ✓ www.lightingdesignlab.com
 - ▶▶ Use occupancy sensors to turn off lighting when not in use
 - ▶▶ Have thermostats set at 68 degrees during winter and turn off when building is not occupied
 - ▶▶ Purchase Energy Star rated appliances for both home and office
 - ✓ www.energystar.gov
 - ▶▶ Turn off computer monitors and large office equipment when not in use
 - ▶▶ Use local resources for program and financial assistance
 - ✓ www.utahefficiencyguide.com
 - ✓ www.dsireusa.org
 - ✓ www.thermwise.com (Questar Gas)



Commercial & Industrial Programs

- ▶ Rocky Mountain Power has two main programs to help commercial/industrial/irrigation customers
 - ▶▶ FinAnswer Express
 - ▶▶ Energy FinAnswer
 - ▶▶ Named “Exemplary Programs” by ACEEE
 - ▶▶ Self Direction Program
- ▶ Available resources include
 - ▶▶ Technical expertise
 - ▶▶ Financial incentives
 - ▶▶ The Energy Efficiency Alliance – a network of industry professionals

FinAnswer Express Program

- ▶ FinAnswer Express
- ▶ Retrofit or new construction projects – any size facility
 - ▶ Customers considering equipment upgrades only
 - ▶ Prescriptive incentive based upon \$/HP, \$/ton, \$/fixture
 - ▶ Streamlined customer participation procedures
 - ✓ access the program via Energy Efficiency Alliance vendors or Rocky Mountain Power
 - ✓ Post Purchase incentives available for:
 - New construction lighting
 - Motors, HVAC (RTUs), and qualifying chillers

Energy FinAnswer Program

- ▶ Energy FinAnswer
- ▶ For comprehensive projects – new and retrofit
 - ▶▶ Custom calculations of energy savings from baseline
- ▶ Energy Analysis
 - ▶▶ Energy engineering and commissioning guidelines provided
 - ▶▶ Identification of highest priority for improved efficiency
 - ▶▶ Second opinion on vendor proposals
 - ▶▶ Investment grade independent study, vendor neutral
- ▶ Incentive
 - ▶▶ \$0.12/kWh projected annual savings + \$50/kW for average on peak kW reduction (up to 50% of measure costs)
 - ▶▶ One year minimum project payback w/incentive
 - ▶▶ Includes commissioning requirement
 - ▶▶ Pre-approval required

Self Direction Credit Program

▶ **Self-Direction Credit**

- ▶ Customer chooses path – FinAnswer or SD
- ▶ “Customer Efficiency Services Charge” ~ 2%
- ▶ Eligibility - 1000 kW or 5 mill. kWh – can aggregate
- ▶ Use 80% of eligible project costs as offset
- ▶ Customer responsible for engineering
- ▶ Program manuals and forms available on web site
- ▶ Consistent baselines, engineering and standards between all programs
- ▶ Simple payback 1-5 years (alternative requirements if > 5 years)

Renewable Energy

▶ Blue Sky Program

- ▶▶ Reduce environmental footprint and support the development of electricity generated from renewable resources
 - ✓ Enroll with Blue Sky (1-800-769-3717) and purchase renewable energy credits from wind generation and other renewable resources in the region.
 - ✓ Rocky Mountain Power customers purchase 100 kWh “blocks” of renewable generation for \$1.95/block
 - ✓ Charges will be included on monthly power bill in addition to your regular charges. Payments go directly to support renewable energy in the region

▶ Solar Demonstration Program

- ▶▶ Rocky Mountain Power offers homeowners and businesses in Utah financial incentives to help pay the cost of installing photovoltaic systems. www.ecosconsulting.com/rmp%5solar
 - ✓ Available for residential, commercial and industrial applications
 - ✓ Incentives will be available through January 31, 2009, or while funds last

Residential Programs

- ▶ Cool Keeper – Wasatch Front/Tooele Co. - \$20 bill credit allowing us to control a/c units during high temps
- ▶ Cool Cash – purchase hi-efficient a/c unit and receive incentive - \$50 - \$150
- ▶ See ‘Ya Later Refrigerator – give us old refrigerator and receive \$30 incentive plus CFLs & refrigerator/freezer thermometer
- ▶ Home Energy Savings – incentives for appliance purchases & home improvements
- ▶ ENERGY STAR New Homes – new hi-efficient homes – \$250 - \$350 incentives to builders
- ▶ Home Energy Analysis – self-audit or web audit with our recommendations on efficient upgrades
- ▶ Solar PV Installation - \$2/watt – max of 3 kW - \$6,000 [**unfortunately all residential kW subscribed for 2008 - maybe next year?**]. Up to \$30,000 for commercial customers

Contact Information

- ▶ More Information On All Programs and Case Studies:
 - ▶ www.rockymountainpower.net, click on “Save Energy & Money, Efficiency Programs”
- ▶ Contact for Energy FinAnswer or FinAnswer Express
 - ▶ Trig Soleim – Rocky Mountain Power Project Manager
 - ▶ 503-813-5109 or trig.soleim@pacificorp.com
- ▶ Contact for the Self-Direction Credit Program
 - ▶ Customer & Community Services Account Manager
 - ▶ Matt Gibbs, 1-888-682-1234, selfdirection@rockymountainpower.net