

Rocky Mountain Power Update

Southwest Energy Efficiency Project's 2006 Regional Energy Efficiency Workshop Snowbird, Utah

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Today

- ▶ PacifiCorp and Rocky Mountain Power
- ▶ Rocky Mountain Power programs – Southwest Region
- ▶ Wyoming action – what’s being proposed and why
- ▶ Howard’s results slide, the best of 2005-2007
- ▶ Other changes and happenings planned for 2007
- ▶ Questions

PacifiCorp the Company

- ▶ 1.6 million customers across 6 states
- ▶ Fully integrated electric utility
- ▶ Net generation capability 8,470 MW
- ▶ 15,580 miles transmission
- ▶ 59,510 miles distribution
- ▶ 908 substations
- ▶ 69 generating plants
- ▶ Three business units
 - ▶▶ Pacific Power
 - ▶▶ Rocky Mountain Power
 - ▶▶ PacifiCorp Energy
- ▶ Acquired by MidAmerican Energy Holdings Company in March 2006



Rocky Mountain Power's Southwest Region Residential Programs

- ▶ Cool Keeper – CAC dispatchable load control/management
- ▶ Cool Cash – CAC efficiency (electric and evaporative)
- ▶ EnergyStar New Homes – New residential construction
- ▶ Home Energy Savers – Appliances, lighting, HVAC, plus
- ▶ See ya later refrigerator – refrigerator/freezer recycling
- ▶ Low Income Weatherization – Community Action Agency delivery
- ▶ PowerForward – Voluntary curtailment, residential/business
- ▶ Summer inverted rates – residential customers
- ▶ Time of use rates – all customer classes
- ▶ “Do the bright thing” demand-side messaging and education

Rocky Mountain Power's Southwest Region Business Programs

- ▶ Energy FinAnswer – comprehensive projects, engineering svcs
- ▶ FinAnswer Express – speed for single measure projects
- ▶ Self-Direction/large customer program – 80% project costs
- ▶ Retro-commissioning program – building tune ups, light repair
- ▶ Firm curtailment contracts – special contract customers
- ▶ PowerForward – Voluntary curtailment, residential/business
- ▶ Energy Exchange – web based bid program
- ▶ Time of use rates

Wyoming Plan

- ▶ DSM application to be filed by December 29, 2006
- ▶ GRC/MEHC commitments, Company resource needs

- ▶ **Proposal:**
 - ▶▶ 3 year pilot, capped at 1% of retail revenues per year (\$1.5M/yr to ?)
 - ▶▶ Mandatory participation - residential and general service. Optional for large commercial and industrial (Schedules 33, 46 & 48, 115 customers)
 - ▶▶ 4 programs initially
 - ✓ Low Income Weatherization
 - ✓ Home Energy Savers with builders option
 - ✓ FinAnswer Express
 - ✓ Self-Direction/large customer
 - ▶▶ Introduction of a “Customer Efficiency Service” charge – recovery
 - ▶▶ Evaluate at the end of year 2 for decision on expansion or exit

Program Results, for Howard

Rocky Mountain Power (UT/WY)	2005	2006	2007
Energy (aMW)	12.60	13.00	13.50
Capacity from energy efficiency (MW)	16	33	51
Load control (MW)	63	75	95
Curtailement agreements (MW)	145	145	145
Total managed loads (MW)	224	253	291
Dollars	\$17,740,000	\$21,500,000	\$25,500,000

▶ Capacity data broken down

- ▶▶ Capacity from energy assumes 75% load shape, cumulative 2005-2007
- ▶▶ Load control/scheduled firm
 - ✓ Utah's Cool Keeper = 63 MW 2005, 75 MW 2006, 90 MW 2007
 - ✓ Utah irrigation = 5 MW in 2007 growing to 15 MW by 2009
- ▶▶ Curtailement agreements – special contract customers
- ▶▶ PowerForward results (not in above) = 15 to 220MW, average 100 MW/event
- ▶▶ Energy Exchange results (not in above) = 0 to 10 MW, average 2.18 MW/event
 - ✓ 16 events, prices ranged from \$85/MW to \$335/MW

Looking Ahead to 2007

- ▶ Wyoming DSM application approval and implementation – mid year?
- ▶ Completion of a system-wide DSM+ potential study by June 2007
- ▶ Further integration of Rocky Mountain Power and Questar DSM programs
- ▶ Further integration with State of Utah on Governor's Energy Policy/Plan
- ▶ Extend Idaho irrigation load management program to Utah market
- ▶ Propose new measures and funding considerations for Low Income Wx program
- ▶ Propose residential incentive adjustments such as increasing Cool Cash whole house evaporative cooling incentive from \$500-\$650 and re-visiting refrigerator recycling incentives and delivery considerations
- ▶ Implementation of business program enhancements based on market characterization study (every two years, geared towards improved results)
 - ▶▶ Removal of 1 year payback requirement for major retrofit and new business construction projects
 - ▶▶ Adding measures such as solid door refrigerators/freezers, cool roofs, HVAC occupancy controls
 - ▶▶ Delivery enhancements such as point of purchase to post purchase for premium efficiency motors
- ▶ Pilot Utah PV buy-down program – April 2007 through December 2011, \$300k/yr
- ▶ Completion of the 2006 Integrated Resource Plan and revised DSM targets