

Rocky Mountain Power

Southwest Energy Efficiency Project's 2007 Regional Energy Efficiency Workshop

Albuquerque, New Mexico

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Today

- ▶ PacifiCorp and Rocky Mountain Power
- ▶ Rocky Mountain Power programs – Southwest Region
- ▶ Wyoming progress
- ▶ Results and Forecast (2006, 2007 and 2008)
- ▶ Exciting and New?
- ▶ Questions

PacifiCorp the Company

- ▶ 1.7 million customers across 6 states
 - ▶▶ 53% (890,000) in the Southwest Region
- ▶ Fully integrated electric utility
- ▶ Net generation capacity 9,140 MW
- ▶ 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, shell measures, etc.
- ▶ See ya later refrigerator – refrigerator/freezer recycling
- ▶ Low Income Weatherization – Community Action Agency delivery
- ▶ Online and Mail-in home analysis/audits
- ▶ 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 Progress?



Wyoming Progress?

- ▶ DSM application was file in December, 2006
- ▶ Hearings in April, 2007
- ▶ Deliberations in June (cancelled), July (cancelled) and August, 2007
- ▶ Application suspended in August, 2007
- ▶ **December, 2006 Proposal:**
 - ▶▶ 3 year pilot, capped at 1% of retail revenues per year (\$1.5M/yr to ?)
 - ▶▶ Optional participations for large commercial and industrial
 - ▶▶ 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
- ▶ Will be re-filing with amendments in December, 2007
- ▶ New proposal? – that’s a secret

Results & Forecast

Rocky Mountain Power (UT/WY)	2006	2007	2008
Energy (aMW)	13.82	16.00	18.35
Capacity (MW)	23	27	30
Load control (MW)	88	96	110
Curtailement agreements (MW)	175	175	175
Total managed loads (MW)	263	271	285
Dollars	\$26,750,000	\$30,000,000	\$35,000,000

Energy Efficiency

- ▶ All Utah, no Wyoming in 2006, 2007 or forecasted for 2008. Wyoming coming on in 2009.

Load control/scheduled firm

- ▶ Utah's Cool Keeper = 88MW 2006, 93 MW 2007, 100 MW 2008
- ▶ Utah irrigation = 3 MW in 2007 and 10 MW 2008
 - ▶ FYI, Idaho irrigation program expected to reach 100-150 MW in 2008 (80 MW in 2007)
- ▶ Curtailement agreements – special contract customers
- ▶ PowerForward results (not in above) = 15 to 220MW
- ▶ Energy Exchange results (not in above) = 0 to 8 MW, 7 events in 2007 and 320 MWH



“Exciting And New” in 2007



“Exciting and New” in 2007

- ▶ Extended Idaho scheduled irrigation load management into Utah
- ▶ Piloted a dispatchable irrigation program
 - ▶▶ Idaho program reached 80 MW in 2007
 - ✓ Day ahead scheduling, 65 hours max per season
- ▶ Completed a system-wide potential study, June 2007
 - ▶▶ Minimum of 409 aMW identified as achievable in SW Region by 2027
 - ▶▶ Company intends to aggressively pursue in condensed timeframe
- ▶ Utah PV buy-down program – September, 2007. \$2/watt, \$300k/yr
- ▶ Co-sponsored 2006 IECC codes training program in Utah
- ▶ Utah Governor Huntsman’s energy action plan released
- ▶ Took our first run at introducing DSM to Wyoming

Looking Ahead to 2008

- ▶ Get moving in Wyoming
- ▶ Incorporation of potential study information into IRP process
- ▶ Utah cost-effectiveness re-evaluation effort
- ▶ DSM RFP (Plan is to kick out yet this year, new projects 2008)
- ▶ Coordination with Utah energy policy action plan
- ▶ Possible expansion of dispatchable irrigation load control to Utah
- ▶ Thermal energy storage pilot project (183 kw project in SLC)
- ▶ Add measures to FinAnswer Express (plug loads, 80+, new lighting technologies, others as identified)
- ▶ Revisit business program incentive levels, looking for more lift
- ▶ Accelerate the pursuit of res & com lighting (what's everyone else doing)
- ▶ Other interests...
 - ▶▶ Blueline Innovations Energy Cost Monitor review
 - ▶▶ Kaiser Group's Conservationist technology

Questions

