Rocky Mountain Power Update

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

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Director, Demand-side Management

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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

<table>
<thead>
<tr>
<th>Rocky Mountain Power (UT/WY)</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
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<tbody>
<tr>
<td>Energy (aMW)</td>
<td>12.60</td>
<td>13.00</td>
<td>13.50</td>
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<tr>
<td>Capacity from energy efficiency (MW)</td>
<td>16</td>
<td>33</td>
<td>51</td>
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<tr>
<td>Load control (MW)</td>
<td>63</td>
<td>75</td>
<td>95</td>
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<tr>
<td>Curtailment agreements (MW)</td>
<td>145</td>
<td>145</td>
<td>145</td>
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<tr>
<td>Total managed loads (MW)</td>
<td>224</td>
<td>253</td>
<td>291</td>
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<tr>
<td>Dollars</td>
<td>$17,740,000</td>
<td>$21,500,000</td>
<td>$25,500,000</td>
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- Capacity data broken down
  - Capacity from energy assumes 75% load shape, cumulative 2005-2007
  - Load control/scheduled firm
    - Utah irrigation = 5 MW in 2007 growing to 15 MW by 2009
  - Curtailment 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