SRP
ENERGY CONSERVATION PROGRAMS
FY07 & FY08
Residential Programs
SRP PowerWise™ HOMES

• Energy efficient home program FY06
  - HERS Rating (2005 scale) - 87
  - More efficient HVAC equipment & “right sizing” of units
  - High performance windows
  - Natural gas heating & cooling appliances allowed
  - FY06 secured 19 builders with 63 communities representing 12,751 homes

• Estimated energy savings FYTD: 64,700 mWh (April 2006)
SRP M-POWER

• Pre-paid “energy minutes” on swipe card
• Counter top display module (UDT) – kWh & $
• 49,500 Current Customers
• Planned Growth 10,000 Annually
• Energy Savings
  - Summer 13.8% decrease
  - Winter 11.1% decrease
  - Annual 12.8% decrease
SRP PowerWise™ RETAIL

• Energy education program aimed at residential customers
  - Energy use
  - Appliance purchases

• Elements
  – Energy-saving tips and advice
  – Product labeling
  – Retail signage
  – Manufacturer and retailer incentives
SRP PowerWise™ Partnerships

• Retail partners
  – 33 stores of four national chains
  – 22 stores of 9 independent appliance dealers
  – 43 stores of do-it-yourself retailers

• In-store & community events promoting Energy Star appliances

• Retailer staff training and extended site visits

• Bill inserts and direct mail support for products, appliances, and events
Commercial & Industrial Programs
SRP Signature Series

• Technical seminars on effective and efficient usage of electricity
• Partner with DOE and other industry experts
• Seminar topics
  – compressed air, motor, pump, and fan system management
  – chiller optimization and controls
  – power quality & power factor
  – lighting – basic & advanced levels
  – infrared testing & electrical maintenance.
SPATIA™ Energy Information Services

- Web-based energy usage information management system that delivers data in near-real-time, monthly or on-demand basis.
- Flexible reporting timeframes
- Multiple sites can be graphed/reported in one table
- On-line access to recent bill histories
SRP Energy Auditing Services

Various levels & types of audits

• Simple facility walk-through
• Comprehensive complex system and process audits
• Lighting, compressed air or power factor-specific
• High bill inquiry
• Energy conservation inquiry
Lighting Services

- Lighting design, installation and project management services.
  - Energy conservation
    - Existing environments w/ or w/o existing fixtures
    - New or major remodel construction
  - Safety & productivity
    - Proper illumination levels (OSHA/ASHRAE/IECC)
    - Color rendition
Compressed Air Services

• Compressed Air systems - one of the most inefficient and expensive uses of energy

• Three phases provide flexibility for customers
  – Phase I – Walkthrough assessment
  – Phase II – Supply and Demand side assessment
  – Phase III – Comprehensive usage assessment

• Cost effective approach for:
  – Increasing system efficiency
  – Increasing system reliability
  – Decreasing energy costs
RINSE SMART ™ Program

• SRP partnered with AZ Dept. of Water Resources (ADWR) to implement a Pre-Rinse Spray Valve program for commercial kitchens.
• PRSV equipment purchased through ADWR
• 1,000 installations planned - 780 completed as of 11/10/06
• Data collection continues – typ. 40% reduction in water consumption
• Estimated 6,900 MMBTU saved/yr (780 units)
Proposed Incentive Programs FY08

- Heat Pump/AC Program
- Cool Roof Program
- Building Commissioning Program
- 80 PLUS Program