

**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<sup>TM</sup> 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