

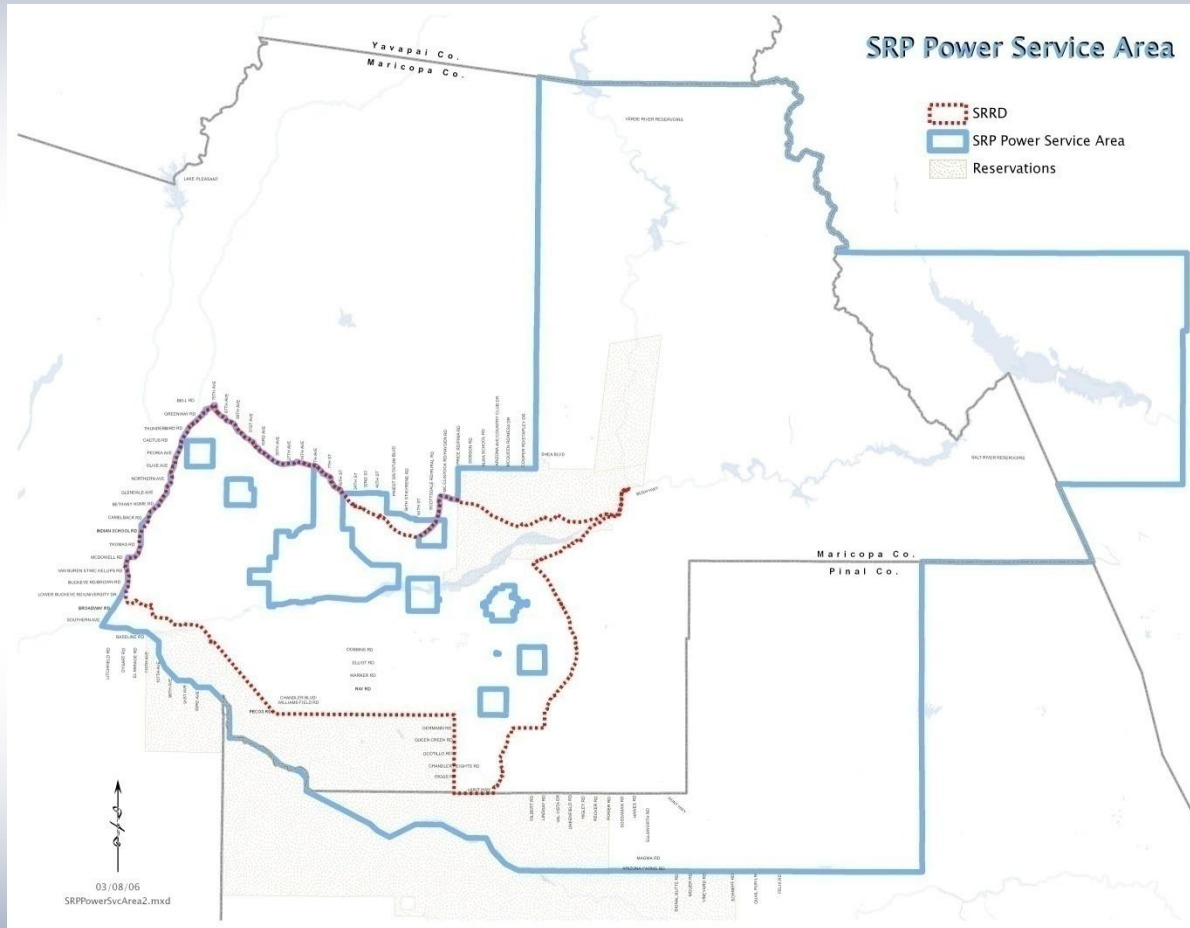
# **SRP Energy Efficiency Program Update**

**SWEEP Southwest Regional Workshop**

**November 9, 2009**



# SRP Background



**Electric Customers:  
935,0000**

**Electric Service Territory:  
Phoenix/Central AZ Area -  
2,900 Square Miles**

**FY09 System Peak:  
6,410 MW**

**FY09 Retail Sales:  
26,747 GWh**

**Wholesale Water Provider:  
375 Sq Miles Water Service  
Area in Phoenix**

# Major Activities Since Last Year

- SRP has continued to grow our portfolio of EE programs
- Provided additional funding and new offerings to target specific market opportunities
- Successfully launched our commercial demand response program
- Completed our first formal evaluation of the FY09 program year
- Started the process of updating our market potential study

# Residential Programs

FY 09

- Appliance Recycling
- Cool Cash A/C Rebates
- Retail CFL – Ongoing, more retailers
- Premium Efficiency Appliance Rebate
- PowerWise Homes
- Low Income Weatherization
- Low Income Energy Education
- M-Power

FY 10

## ADDED:

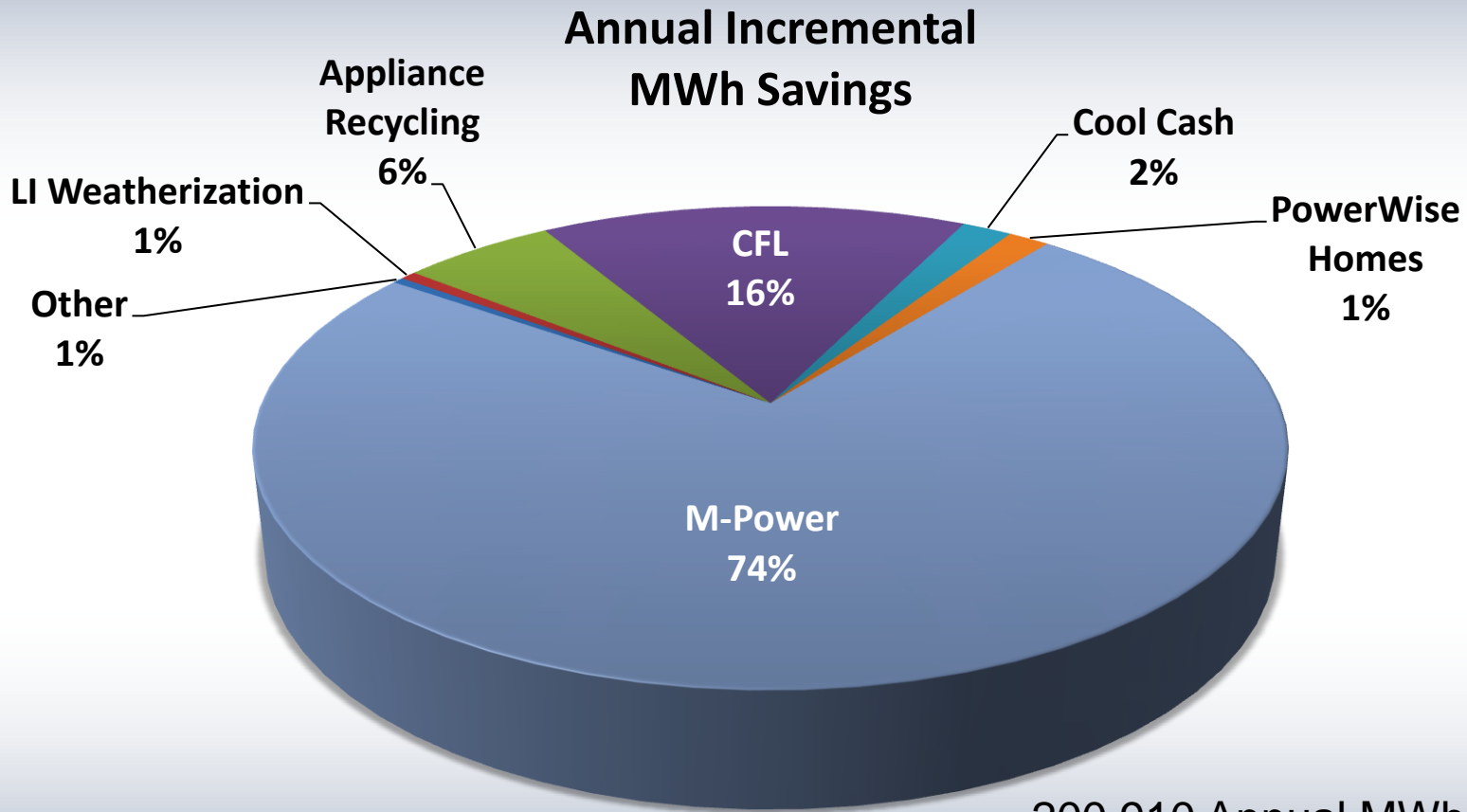
- CFLs – More retailers
- LED Christmas Lights
- More stringent standards PW Homes
- Home Check-up Pilot
- Thermostatic Controlled Showerhead Program

FY 11

## Will ADD:

- CFLs – More retailers
- Home Performance Assessment with Energy Star
- Duct Testing & Repair
- Home Characterization Retrofit Program
- In Home Display Pilot
- Support Stimulus Initiatives

# FY10 Residential Program Savings



# Non Residential Programs

FY 09

- Standard Business
  - Lighting
  - Package A/C Units
  - Premium Efficiency Motors & VFDs
  - Lighting - New Construction
- Custom Business
- Large Business Solutions Program
- Compressed Air Solutions
- SPATIA
- Demand Response

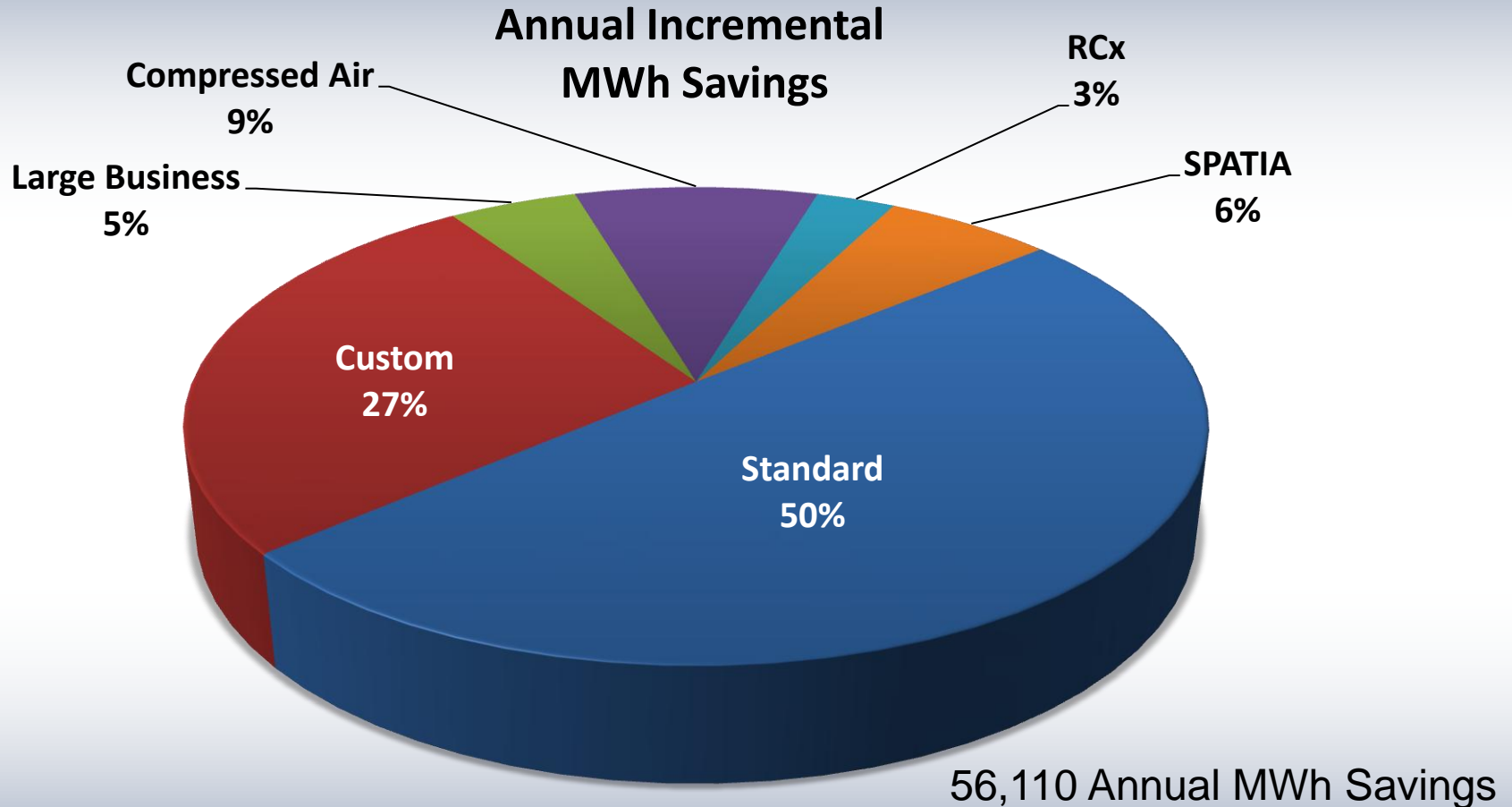
FY 10

- ADDED:
- Standard Business
    - Occ. Sensors
    - Chillers
    - Refrigeration
    - Compressed Air
  - New Construction Program
  - RCx Program
  - Improved lighting rebate levels
  - Increase funding & customer caps

FY 11

- Will ADD:
- Small Business Direct Install Program
  - Enhanced lighting rebates
  - Increased funding
  - Increased customer caps

# FY10 Non Residential Program Savings



# FY10 Program Economics

	Program Budget (Millions)	Annual MWh Savings	Annual MW Reduction	TRC	Cost / Lifetime kWh
<b>Residential</b>	\$17.0	200,910	49.45	2.01	\$0.038
<b>Non Residential</b>	\$10.3	56,110	8.85	2.85	\$0.026
<b>Total Portfolio</b>	\$27.3	257,020	58.30	2.35	\$0.032

*Savings represents 0.92% of retail sales*

\* SRP has invested an additional \$3.2 million in our PowerPartner commercial demand response program



# Recent Developments

- Appliance Recycling Program
  - We experienced a sharp decline in participation due to downturn in the economy, housing market, white good sales, and home equity financing
  - SRP has realigned marketing and advertising efforts over the last year through target marketing:
    - Radio
    - Television
    - Web Advertising
  - As a result, we are seeing participation back at 200 to 220 units per week



# Recent Developments

- Standard Business Solutions
  - Tremendous increase in activity of prescriptive program
  - Increase participation largely due to:
    - Additional measures added to program
    - Development of trade ally network
    - Greater market awareness
    - Increased rebate levels
    - Increased customer caps
  - Efforts have led to a significant increase in savings while program is being delivered in a highly cost effective manner

# Recent Developments

- PowerPartner Commercial Demand Response Program
  - Three-year contract signed with EnerNOC last December
  - Successful program launch in January
  - Customer recruitment process began immediately
  - Secured over 30 MW of contracted capacity within 6 months
  - Called two events – both successful
  - Looking to grow program to 40MW next year

# Stimulus Funding Coordination

- State and Federal Activities
  - Organization has been tracking both local and federal activities
  - Worked with State and AZ Schools Facility Board to provide guidance with ARRA grant money for performance contracting
  - Worked with Department of Commerce Energy Office to evaluate opportunities and provide guidance regarding appliance rebate program
  - Providing in-kind promotion of State appliance program through our SRP web site and Contact mailing
  - Submitted application under the American Recovery & Reinvestment Act Smart Grid Investment Grant and was awarded \$56.9 Million to accelerate deployment of our Smart Meter Initiative

# Expectations for Next Year

- Programs will continue to grow in size and number
- Over 25 programs will be offered to provide equity for all customer classes
- PowerPartner DR program will continue to grow
- SRP will look to provide over \$35 million in program funding
- Annual incremental savings reaching nearly 300,000 MWh
- Program savings as a percentage of retail sales will surpass 1%

# Questions & Answers

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