

SRP

Summer Preparedness 2013

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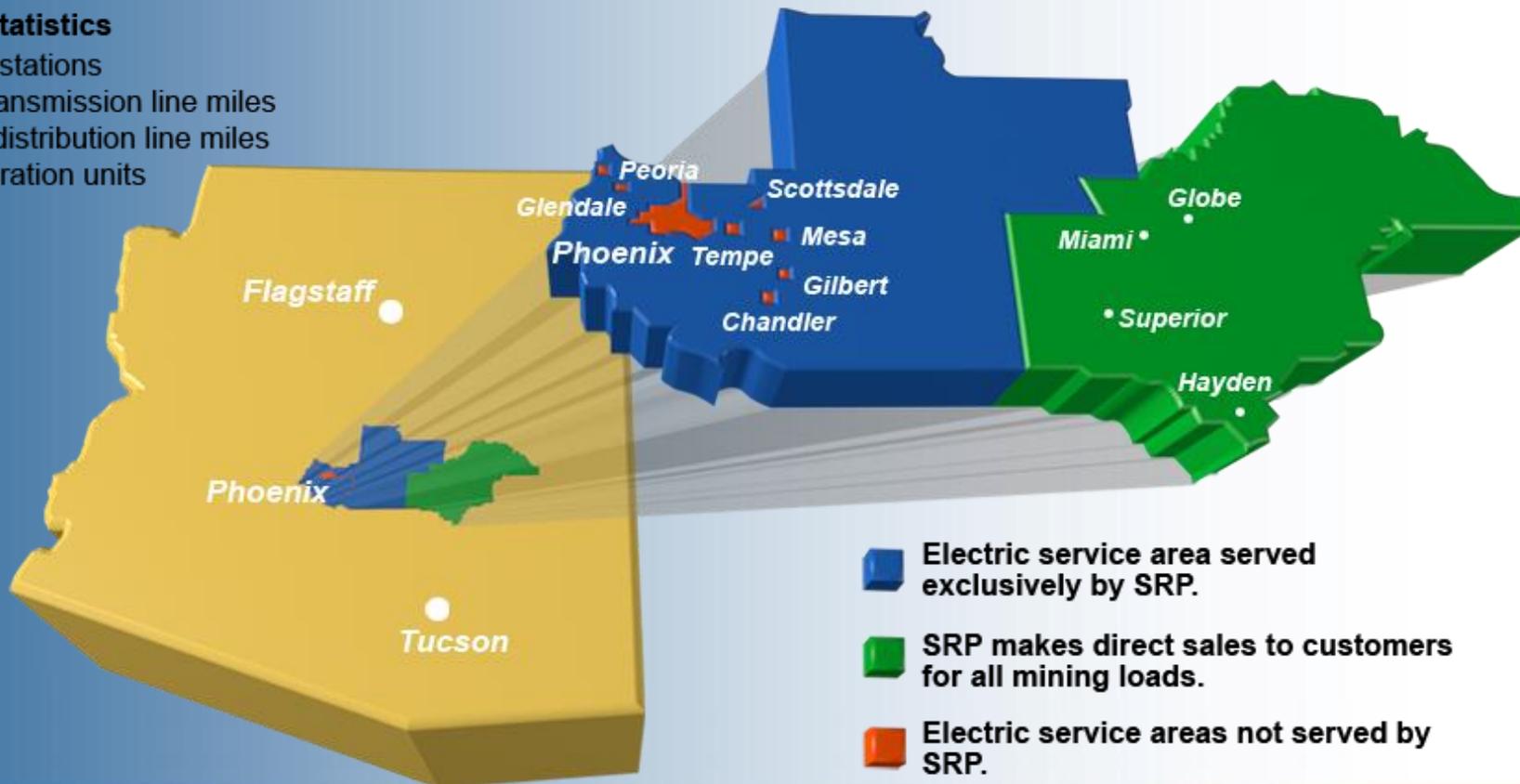
April 25, 2013

SRP's Electric Service Area

The Salt River Project Agricultural Improvement and Power District provides electricity to 950,000 power users in a 2,900 square-mile service area in parts of three counties -- Maricopa, Gila and Pinal

System Statistics

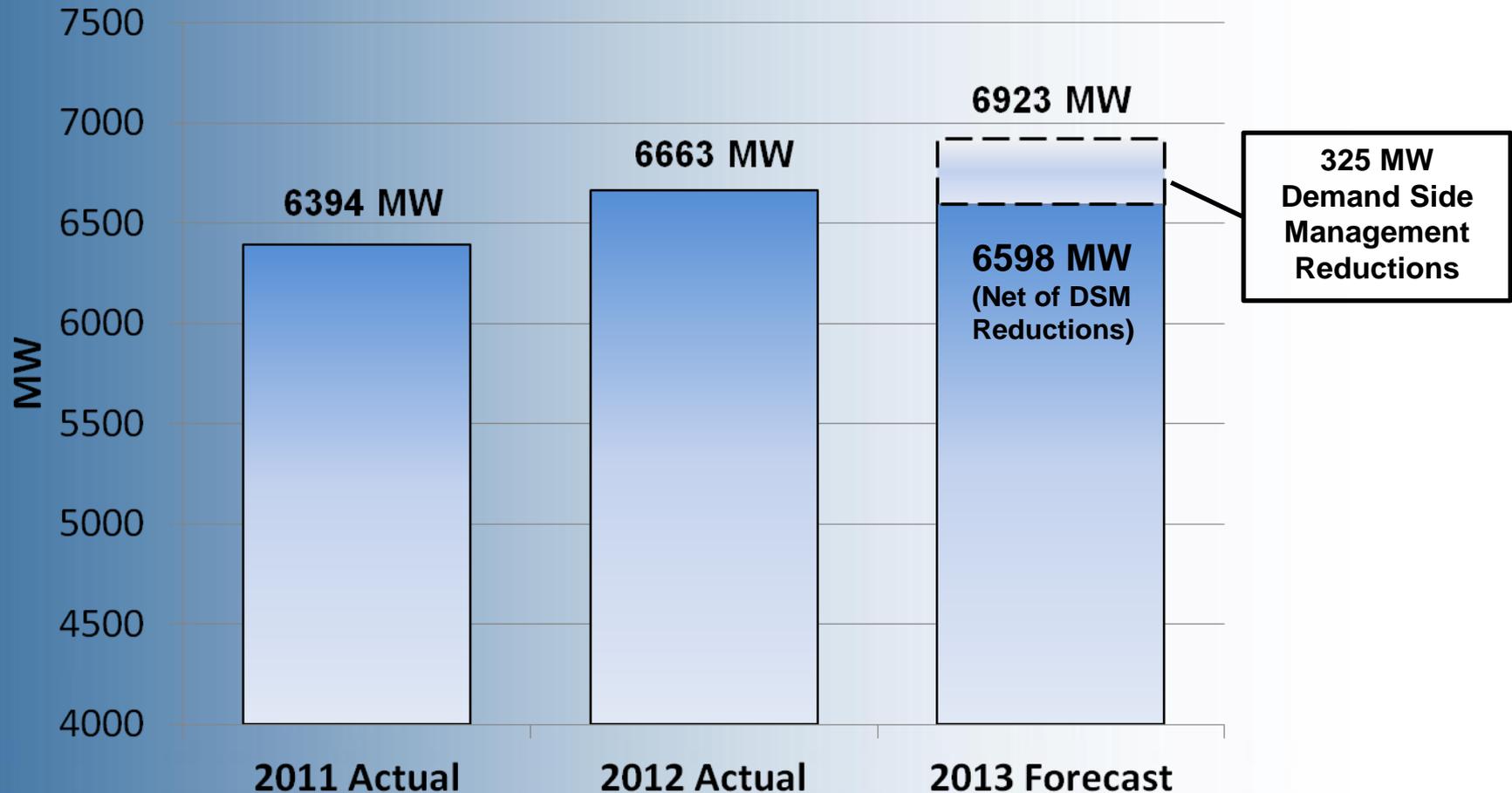
- 315 substations
- 3,072 transmission line miles
- 19,005 distribution line miles
- 45 generation units



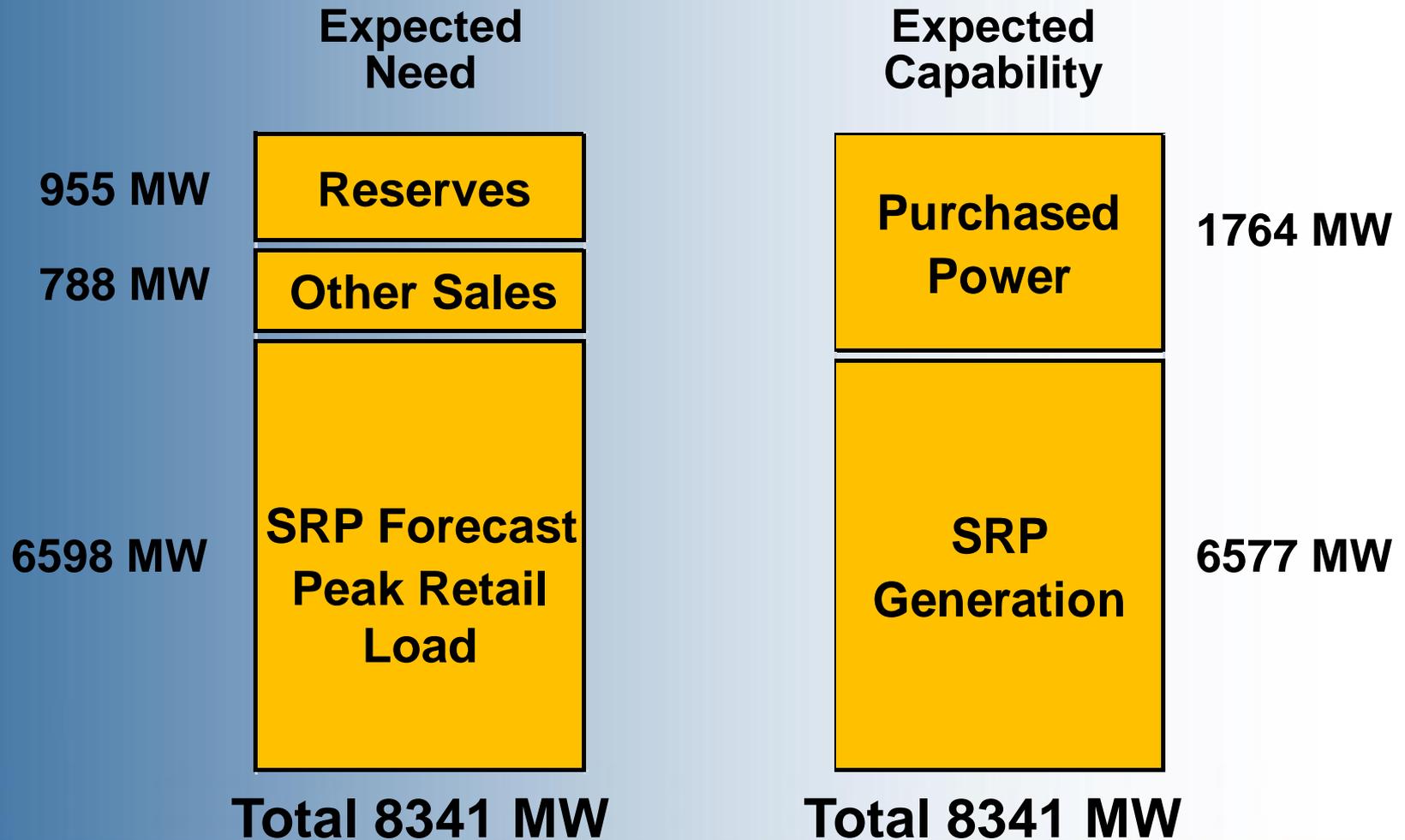
Summary

- Peak demand is expected to be slightly lower than last year's actual peak.
- Adequate resources have been secured to meet anticipated demand.

Peak Retail Load Forecast



Summer 2013 Outlook





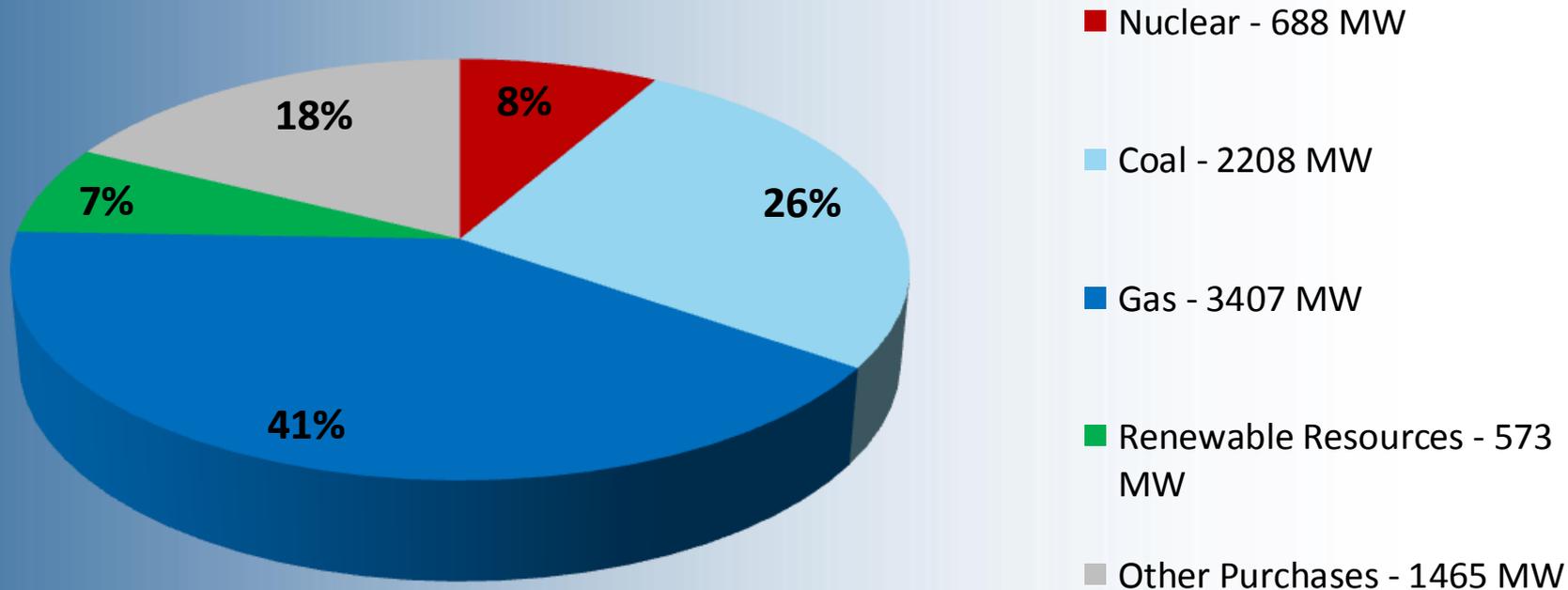
Mesquite Generating Station



Queen Creek Solar

SRP 2013 Resources

Expected Capability: 8341 MW



Purchased Power

- Purchased power portfolio is in place to meet demand.
- Additional purchases may be needed to respond to forced unit outages.
- Regional market conditions suggest that there will be sufficient capacity to meet the Arizona demand.

Reserves

- Respond to load extremes above base forecast.
- Provide an immediate response to forced outages.
- Quantity is based on NERC and WECC operating criteria and contractual arrangements.
- A portfolio of resources is utilized to meet the reserve requirements.

Fuel Status

- **Nuclear**
 - Full requirements under contract.
- **Coal**
 - Plants will be above target inventories as we enter the summer season.
 - Full requirements under contract.
- **Natural Gas**
 - Full transportation requirements are under contract with two pipelines.
 - Current supplies of natural gas are adequate.

Transmission & Distribution Overview

- Transmission and Distribution Systems are prepared for summer operations.
- The system has sufficient capacity to serve forecasted peak demand.

2013 System Additions – Stations

NEW	NUMBER
Substations	2
69/12kV Transformers (28MVA)	4
69/12kV Transformers (56MVA)	2
230/69kV Transformer (280 MVA)	1
69kV Breakers	11
230kV Breakers	2
500kV Breakers	2

2013 System Additions – Lines

ADDITIONS	NUMBER
Transmission Poles (Replaced or Installed)	282
Rebuilt or Upgraded 69kV Circuit Miles	16
Upgraded 230kV Circuit Miles	7.5



System Preparation

- Transmission and substation maintenance and training will be complete by summer. This includes:
 - Line patrols/inspections
 - Preventative maintenance
 - Pole reinforcement
 - Bushing Replacements
 - Wildfire coordination
 - Operations coordination
 - Tree trimming
 - Cable replacement
 - Storm planning
 - Emergency procedure training
 - Blackstart training

Distribution

- Summer operating procedures reviewed and refresher training provided to O&M personnel.
- Nine mobile substation transformers are available for service if needed.
- If required, the process for implementing rotating outages has been automated.
 - The planned sequence of substation outages and the duration of each outage is the same as in the past.

SRP - Outage Information Resources

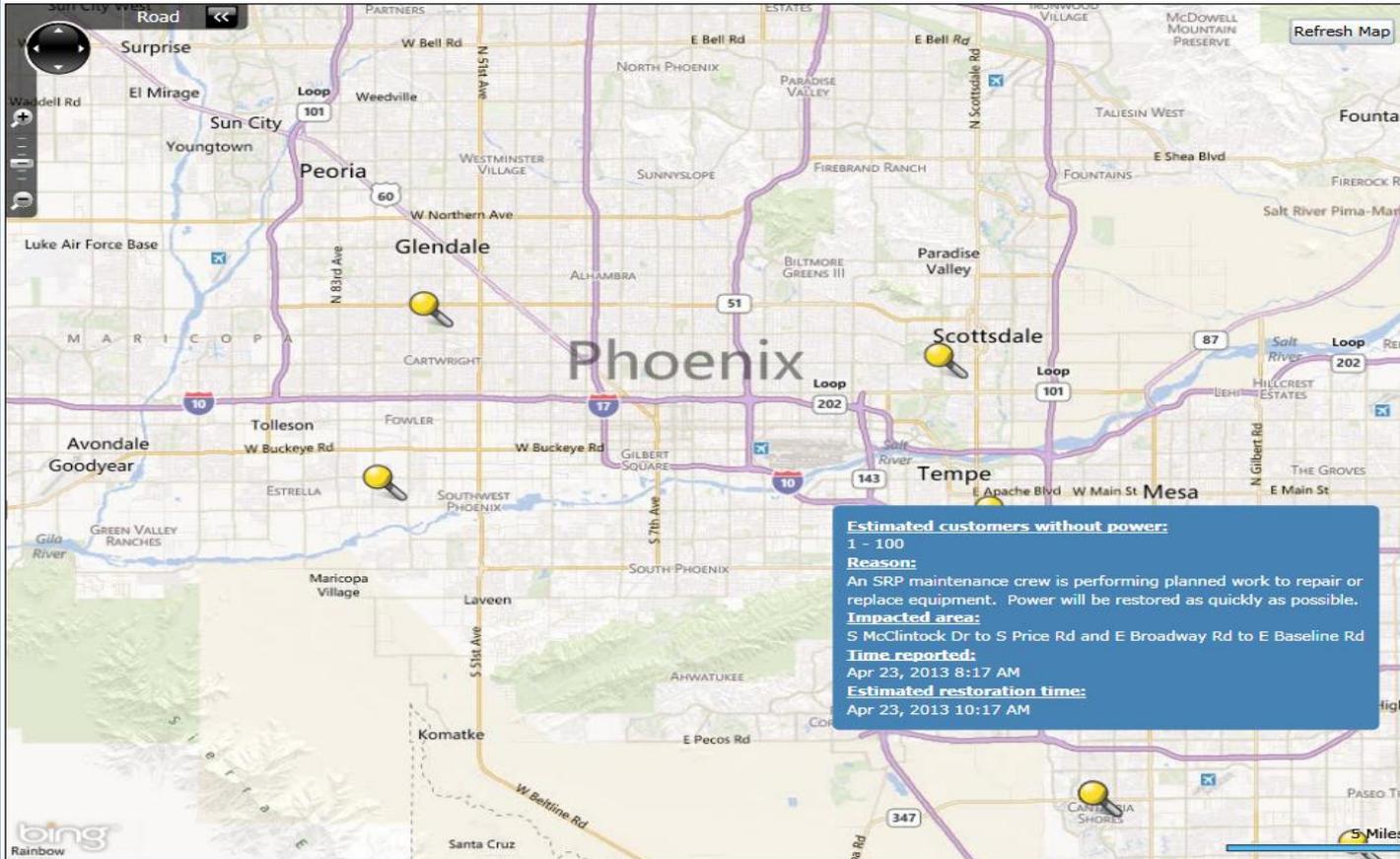
- **Reporting an Outage**
 - Via web, Mobile device, Phone, Automated Interactive Voice Response System
 - Call centers are available 24x7 to report via a live person
- **Automated power restoration messages are delivered to the customer**
- **Proactive Communications via Text or Email**
- **Outage Map**
 - Accessible on SRP website and on mobile devices
- **Social Media**
 - Twitter, Facebook



SRP – Outage Map

Current SRP Outages

A pushpin, if shown, represents the general area of a known power outage, not the exact location. Hovering over a pushpin will allow you to see more information about that outage. To report an outage, you must log in to [My Account](#).



Additional Outage Services

- **Ice Plan**
 - Triggered for widespread outages
- **Medical Customers**
 - Annual emergency preparedness packet
 - Designated phone number
- **Care Facilities**
 - Partnered with sister facilities
 - If desired, partnered with mobile generation providers
- **“Outage School” Opportunities**

Summary of Year 2013 Projected Conditions

- Transmission, distribution, SRP generation and planned energy purchases are adequate to serve the forecasted summer 2013 demand.
- Forecasted 2013 demand is comparable to 2012 and is supported by a more robust transmission system.
- Contingency plans are in place to handle emergency events.
- Proactive customer communication plan in place for outage situations.