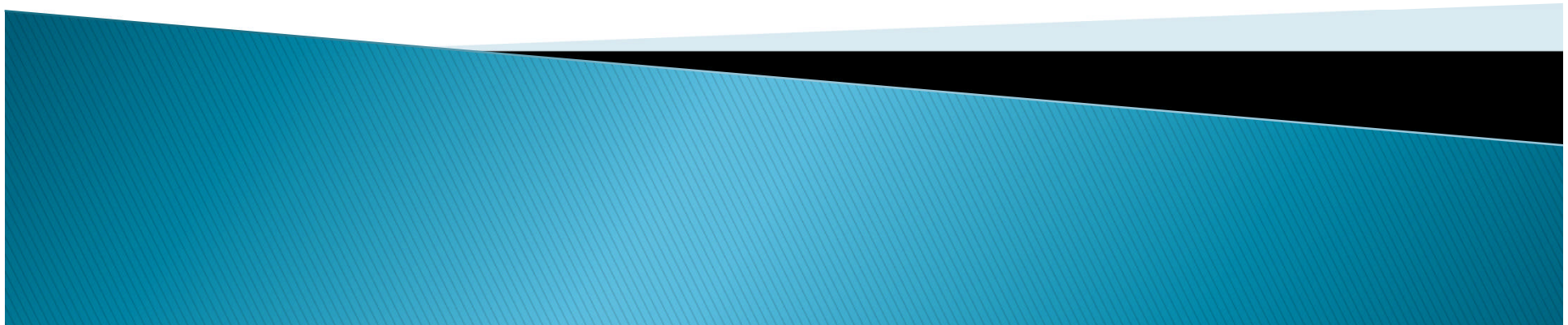


# Queen Creek Irrigation District

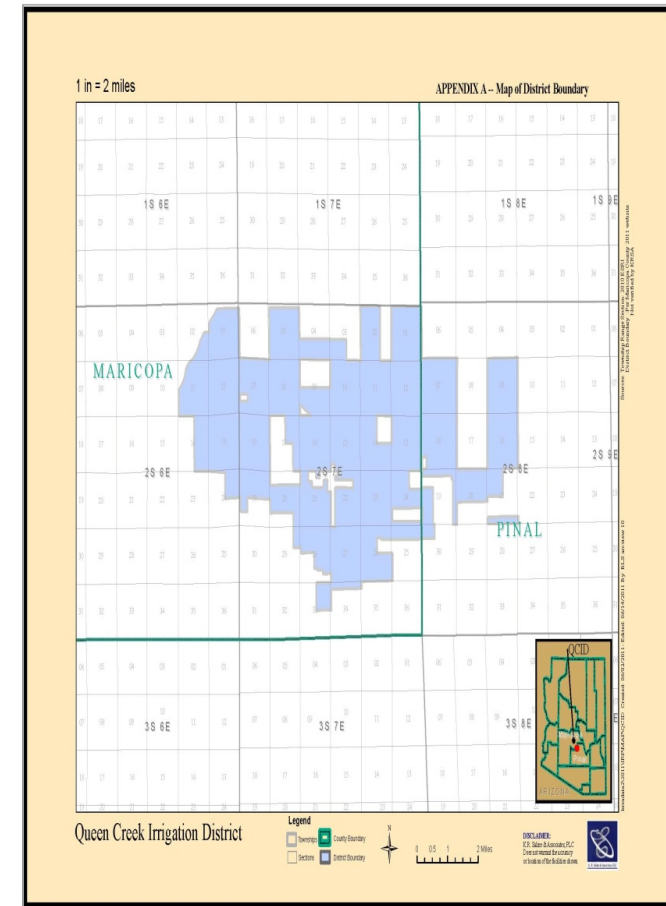
Arizona Power Authority Presentation  
on 2017 Allocation of Hoover Power

Dennis Delaney– Consultant to  
Queen Creek Irrigation District



# Introduction to Queen Creek ID

- District Formed in 1923
- ~22,000 Acres
- Board of Directors
  - Steve Sossaman
  - Mike Gantzel
  - Newell Barney
- Customer Profile Information
  - 7 meters
    - Irrigation Pumping – 100%
- 2012 Peak Demand = .93MW\*  
*\*forecast is for load increase*
- Queen Creek ID receives 12,000 Af/year of CAP and In-Lieu water declining to zero in 2030.
  - Will add ~ 3.1 MW of additional “normalized” pumping load.



# Introduction to Queen Creek ID (Cont.)

- 2012 Supply Side Resources

- **❖ Arizona Power Authority**

- Hoover A Capacity & Energy
- 1.7 MW (Maximum with Hoover Firming Capacity)
- 5,811 MWh (Contract Entitlement)

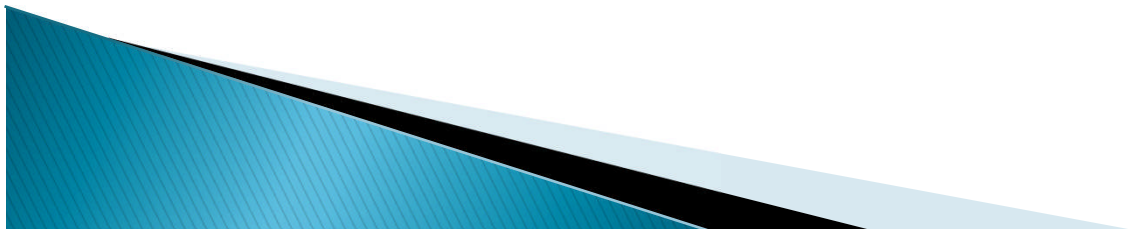
- **❖ CRSP: Salt Lake City Area Integrated Projects**

- 1.755 MW (Summer Season only)
- 3,193 MWh (Sustainable Hydro Power "SHP")

- **❖ Transmission & Distribution Services Agreement (SRP)**

- Open Access Transmission Tariff and Distribution Wheeling

- **2012 Peak Demand (0.93 MW) plus normalized pumping load (3.1 MW) less Long Term Federal Hydro Contracts (3.455 MW) = 0.575 MW**



# APA Questions

- What resources would you seek?
  - ❖ Renewal of current proportion of all APA Hoover A for 50 years.
- What do you plan to do with the Hoover power allocated to your system?
  - ❖ Continue to serve existing Agriculturally based loads.
- How much Hoover power would you require?
  - ❖ 2.5 MW, but will accept current proportionate share of A Power if other current customers are treated accordingly
- How do you think the Hoover power should be allocated?
  - ❖ Renew all existing customer contracts at current proportions of all Hoover A and B. Allocate all Hoover D among new entrants.

