

Electrical District No. 4

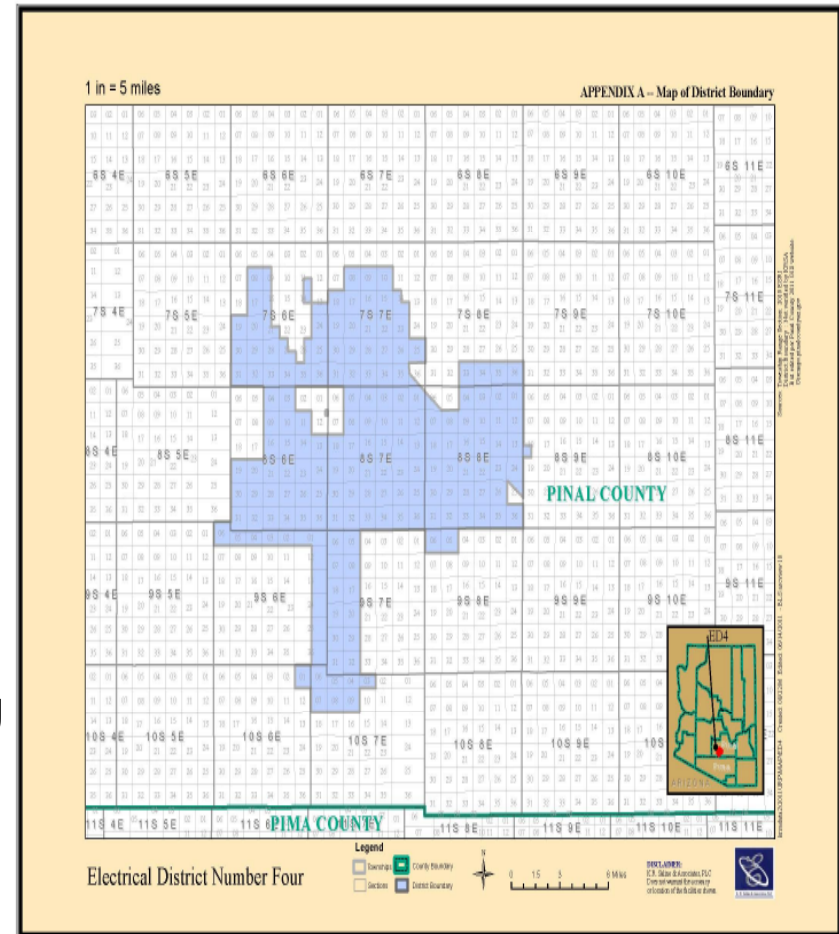
Arizona Power Authority Presentation
on 2017 Allocation of Hoover Power

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Electrical District No. 4



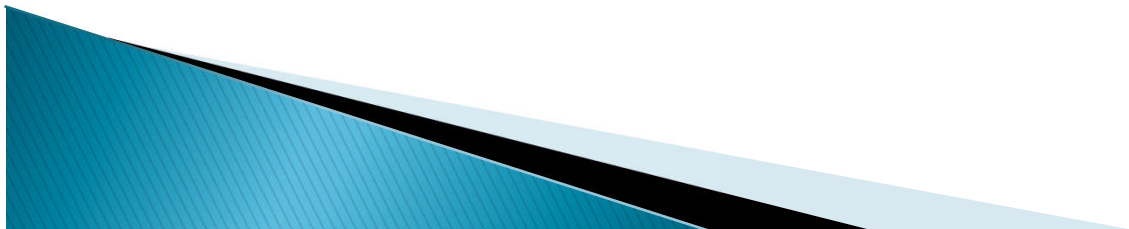
Introduction to ED4

- Formed in 1928
- ~110,000 Acres
- Board of Directors
 - Mark Hamilton—Chairman
 - Thomas Isom—Vice-Chairman
 - James Shedd—Secretary
 - Charles Bush—Treasurer
 - William Warren—Asst. Secy/Treasurer
- Customer Profile Information
 - 1,501 Services (increasing trend)
 - Agriculture Loads ~ 84%
 - Irrigation Pumping ~ 76%
 - Other Ag-Related ~ 8%
 - All Other loads ~ 16%
- 2012 Peak Demand ~ 29 MW
- Overlaps Central Arizona Irrigation & Drainage District who receives ~ 111,100 Af/year of CAP water declining to zero in 2030.
- Will add ~ 18 MW of additional “normalized” pumping load to ED4 and ~ 9 MW of additional “normalized” pumping load to ED5



Introduction to ED4 (Cont.)

- 2012 Supply Side Resources
 - ❖ **Arizona Power Authority**
 - Hoover A Capacity & Energy
 - 18.7 MW (Maximum with Hoover Firming Capacity),
 - 63,916 MWh (Contract Entitlement)
 - ❖ **CRSP: Salt Lake City Area Integrated Projects**
 - 4.55 MW (Summer Season) / 3.42 MW (Winter Season)
 - 14,562 MWh (Sustainable Hydro Power "SHP")
 - ❖ **Transmission Services Provided over Western's Parker-Davis Project**
 - ❖ **2012 Peak Demand (29MW) less Long Term Federal Hydro Contracts (23.3MW) = NEED ~ 5.75MW**



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?
 - ❖ 29 to 38 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.

