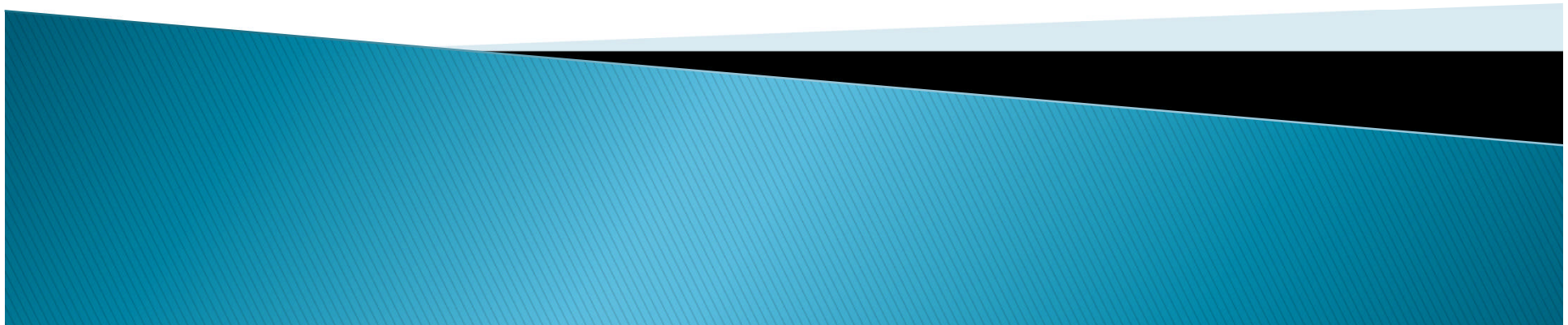


Harquahala Valley Power District

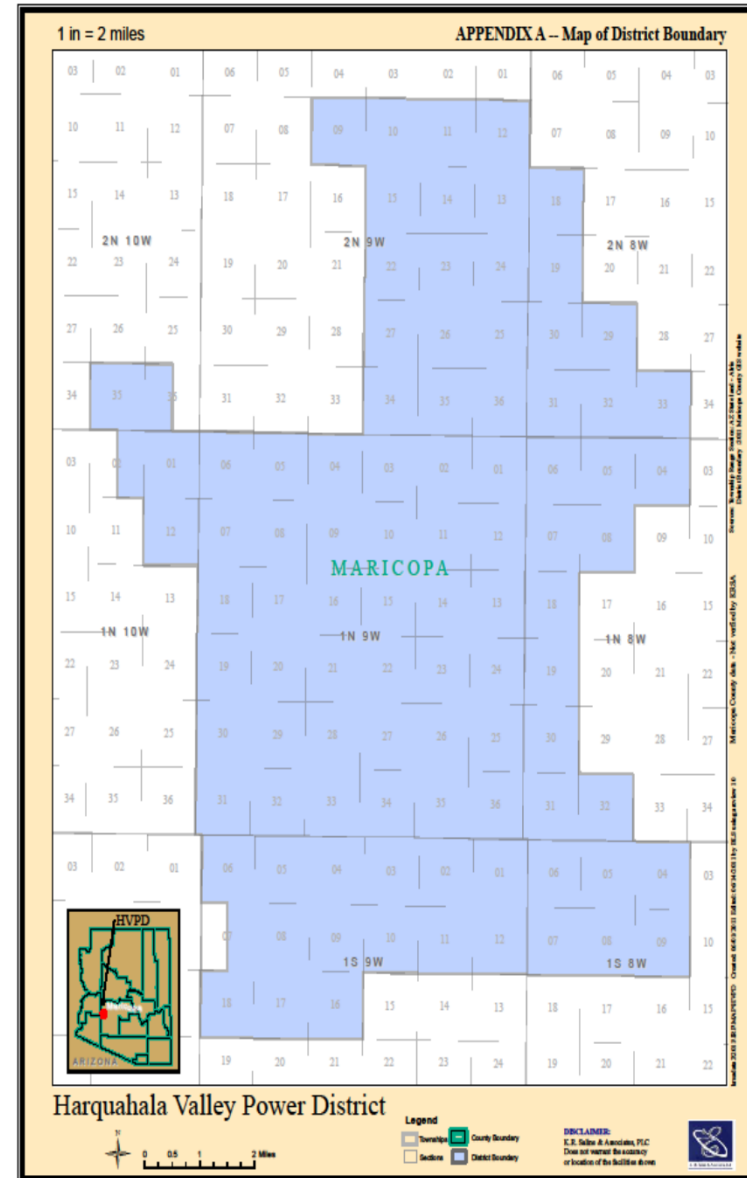
Arizona Power Authority Presentation
on 2017 Allocation of Hoover Power

Dennis Delaney – Consultant for
Harquahala Valley Power District



Introduction to HVPD

- Power District Formed in 1963
- ~55,000 Acres
- Board of Directors
 - Wade Ferguson—President
 - Stephen Martori—Vice-President
 - Jack Doughty—Secretary
- Customer Profile Information
 - 97 meters, increasing trend
 - Agriculture – 99%
 - Irrigation Pumping Plants – 58%
 - Other Ag-Related Loads – 41%
 - HVID Office – 1%
- 2012 Peak Demand = 16.33MW
- 30,000 Af/year of CAP water (via HVID) declining to zero in 2030; will add ~11MW of additional “normalized” pumping load



Introduction to HVPD (Cont.)

• 2012 Supply Side Resources

❖ Arizona Power Authority

- Hoover A Capacity & Energy
- 2.39 MW (Maximum with Hoover Firming Capacity),
- 8,168 MWh (Contract Entitlement)

❖ Transmission & Distribution Services Agreement (APS)

- FERC Regulated Transmission under Open Access Transmission Tariff
 - Transmission and Distribution Wheeling from Buckeye Substation to district meters

❖ 2012 Peak Demand (16.33MW) less Long Term Federal Hydro Contracts (2.4MW) = NEED ~13.94MW to 24.94MW with no CAP



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?
 - ❖ 25 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.

