

Maricopa County Irrigation Users'
Water and Power Presentation to the
Arizona Power Authority

**Presented by
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Maricopa County APA-Customer Districts*

APA Customer Districts* & their Water Supplies

- Aguila Irrigation District (Pumps)
- Buckeye Water Conservation & Drainage District (Gila River, Drainage and Pumps)
- Chandler Heights Irrigation & Drainage District (CAP & Pumps)
- Electrical District No. 6 (Pumps)
- Electrical District No. 7 (Pumps)
- Harquahala Valley Power District (Pumps) (CAP via HVPD)
- Maricopa Water District (Aqua Fria River and Pumps)
(*Not including SRP or CAWCD)

Maricopa County APA-Customer Districts*

APA Customer Districts* & their Water Supplies

- New Magma Irrigation District (CAP and Pumps)
- Ocotillo Water Conservation District (Pumps)
- Queen Creek Irrigation District (CAP and Pumps)
- Roosevelt Irrigation District (Effluent and Pumps)
- Roosevelt Water Conservation District (Salt & Verde River and Pumps)
- San Tan Irrigation District (CAP and Pumps)
- Tonopah Irrigation District (CAP and Pumps)

(*Not including SRP or CAWCD)

History and Operations

- Electrical and Irrigation Districts formed for reclamation of fertile farm lands.
- Generally, these Districts were formed to serve areas not served by Salt River Project water supplies.
 - Many are in an Active Management Area (AMA)
 - One is in an Irrigation Non-Expansion Area (INA)
 - Some operate drainage wells to lower the rising groundwater table
 - Some operate canals/pipelines for CAP water deliveries
 - Some purchase and deliver treated effluent to irrigate crops
 - Some have appropriative surface water supplies and canal systems
 - Most have long term cooperative agreements with APS or SRP for wheeling, supplemental power and support services.

Maricopa County APA-Customers and the Arizona Power Authority

- Maricopa County districts have a long history of supporting the development of the Colorado River hydropower projects, working with the APA to develop the Hoover units and the transmission systems to deliver federal power to farming areas of Arizona.
- The Districts taxed their lands and fought at the Federal Energy Regulatory Commission for supplemental power and wheeling agreements to take delivery of Hoover power in a time when transmitting utilities could refuse to wheel or sell wholesale power.
- Long history with the APA funding and supporting Districts' rights to serve irrigation wells and other loads.
- Challenging future of maintaining affordably pumped water to sustain viable agricultural districts and economy.