



CITY OF PHOENIX

# Hoover Power 2017

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# City of Phoenix

The maximum benefit to the  
greatest number of people.



# Hoover Power 2017

- ▣ New allocation of power (Schedule D) set aside for new contractors.
- ▣ APA has 11.5 Mw of Schedule D to allocate
- ▣ Preference should be given to municipalities and other public corporations based on Reclamation Act, as amended (43 U.S.C. § 485h(c))
- ▣ To the extent that existing users are permitted to apply for Schedule D power, Phoenix is interested in applying for Schedules A-C power.



# City of Phoenix

- ❑ Desires Hoover power to support water & wastewater public utilities
- ❑ Needs are significant – 5 water treatment plants and 8 wastewater plants, including the largest wastewater facility in the Southwest
- ❑ Hoover power would reduce costs of using power from APS and SRP, resulting in lower utility costs



## Maximum Benefit

- ❖ Each year 100 billion gallons of drinking water and 63 billion gallons of wastewater is treated
- ❖ Effluent reuse supports Palo Verde NGS, Tres Rios Wetlands & golf courses
- ❖ Wastewater customers include the Cities of Tempe, Scottsdale, Glendale and Mesa who would otherwise need to build more treatment capacity



# Number of People

- ▣ 7<sup>th</sup> largest city in U.S.
- ▣ Service area represents about 39% of the population of Maricopa County and 23% of total population of Arizona
- ▣ Incorporated area covers 546 square miles with 12,000 miles of pipeline
- ▣ Serves 1.5 million water customers and 2.5 million wastewater customers, including other Valley cities



## Use of Hoover Power

- ❑ Phoenix would be end user of power
- ❑ Phoenix water/wastewater power use is 261,647,079 Kwh at a cost of \$20,841,194 per year.
- ❑ Current power grid from APS and SRP would support whatever amount of power allocated to Phoenix for use at water and wastewater treatment facilities



## Summary

- Hoover Power 2017, Schedule D power should go to new contractors, with a preference to municipalities and other public corporations or agencies
- As a member of this category, Phoenix can provide a use of Hoover Power that provides the maximum benefit to the greatest number of people

Questions?