

# Colorado River Commission of Nevada

## Legislative Committee on Public Lands



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# Presentation Outline

- Commission Organization
- Agency Overview
- Current Issues
  - Drought
  - Minute 319
  - Hoover Post-2017 Allocations
  - Hoover Refinancing



# Colorado River Commission of Nevada

- State agency with a 7-member board
- Staff of 33 – 2 Field Offices
- Protect water and power resources provided from the Colorado River for the benefit of the State of Nevada
- Receives no state general funds: funding provided by water and power customers



# CRC Mission

***The Colorado River  
Commission of Nevada  
serves the communities of  
the State by responsibly  
managing and protecting  
our Colorado River water  
and power resources.***



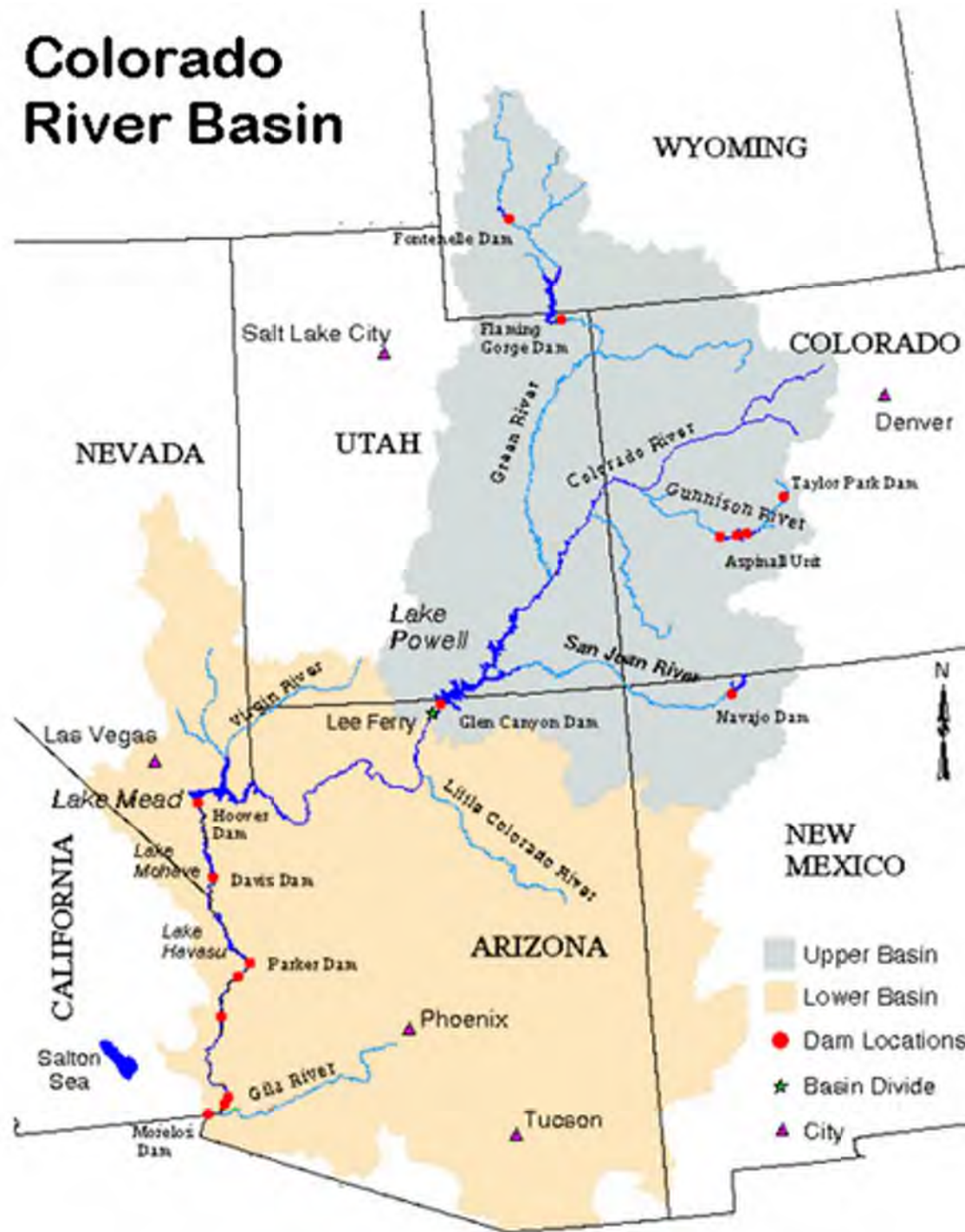
# Water

- Protect Nevada's interests in water allocated to it from the Colorado River
- Lower Basin allocation: 7.5 million acre-feet (maf) total
  - 4.4 maf for California
  - 2.8 maf for Arizona
  - 0.3 maf for Nevada
- Allotment for Mexico by 1944 treaty: 1.5 maf





# Colorado River Basin



# CRC Federal Hydropower Resources

**Hoover Dam**  
**Boulder City, NV**



**Davis Dam**  
**Laughlin, NV**



**Glen Canyon Dam**  
**Page, AZ**



# Hydropower

- Nevada receives approximately 25% of the power generated by Hoover, Parker, Davis and Glen Canyon dams
- CRC provides this power under long-term contracts to wholesale and retail customers in southern Nevada
- Cost-based rates





# CRC Hydropower Customers

- Southern Nevada Water Authority
- City of Boulder City
- Lincoln County Power District No 1
- Overton Power District No. 5
- Valley Electric Association
- American Pacific Corp.
- Basic Water Company
- Lhoist North America
- Titanium Metals Corporation
- Tronox
- NVEnergy



# Power Delivery Project

- System used to deliver electricity to SNWA and BMI (CRC retail customers)
  - 17 high voltage substations
  - 32 miles of overhead 230-kV transmission lines
  - 4 miles of overhead 69-kV transmission lines
  - 11 miles of underground 69-kV transmission lines
- CRC operates and maintains 7 substations owned by SNWA and 3 owned by CCWRD



**Eastside Transmission Substation**



# Energy Services Group

- Purchases and delivers energy for use by the members of the Silver State Energy Association including:
  - City of Boulder City
  - Southern Nevada Water Authority and its member agencies (for their water and wastewater pumping needs)
  - Lincoln County Power District No. 1
  - Overton Power District No. 5
  - CRC (for use by BMI industrial customers)



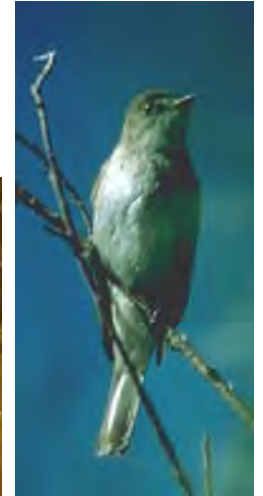
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# Environment

- Lower Colorado River Multi-Species Conservation Program (MSCP)
  - Provides Endangered Species Act (ESA) compliance to ensure current and future development of water and power projects
- Glen Canyon Adaptive Management Program
  - Long term conservation program for resources downstream of Glen Canyon





# Drought

- Continuing Drought – water and power impacts
  - Mead – 48% full
  - Powell – 41% full
  - Mead expected to drop 19 feet by end of 2014
  - Potential shortages most likely in 2016
- States' Contingency Planning
  - Near-term actions that are voluntary
  - Consistent with the Law of the River
  - Reduce demands, increase efficiencies, and address system losses



# Minute 319

- 5 year Agreement
- Operations under High and Low Reservoir Conditions
- Storage of Mexican water in US reservoirs
- Water for the Environment/Water Exchange Pilot Programs
- Salinity
- International Projects

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# Hoover Allocation Process

- Federal Legislation in 2011
  - CRC received 95% of current allocations
  - CRC will allocate 11.5 MW to new allottees in Nevada
  - Western Area Power Administration (Western) to allocate 69 MW, some could come to NV
- CRC Implementation
  - AB 199 passed in last legislative session to allow new allottees to receive power from CRC



# Hoover Allocation Process

- Western has issued final marketing criteria
  - Applications due March 31, 2014
  - Draft allocations in Summer 2014
  - Final allocations in Fall 2014
- CRC hosting informal public meetings
  - Explain HPAA of 2011
  - Explain Western's marketing process and application form





# Hoover Allocation Process

- CRC's Allocation Process
  - Making regulation changes incorporating AB 199 and federal legislation
  - Public process for marketing criteria
  - Public allocation process
  - CRC allocation process will be after Western's process

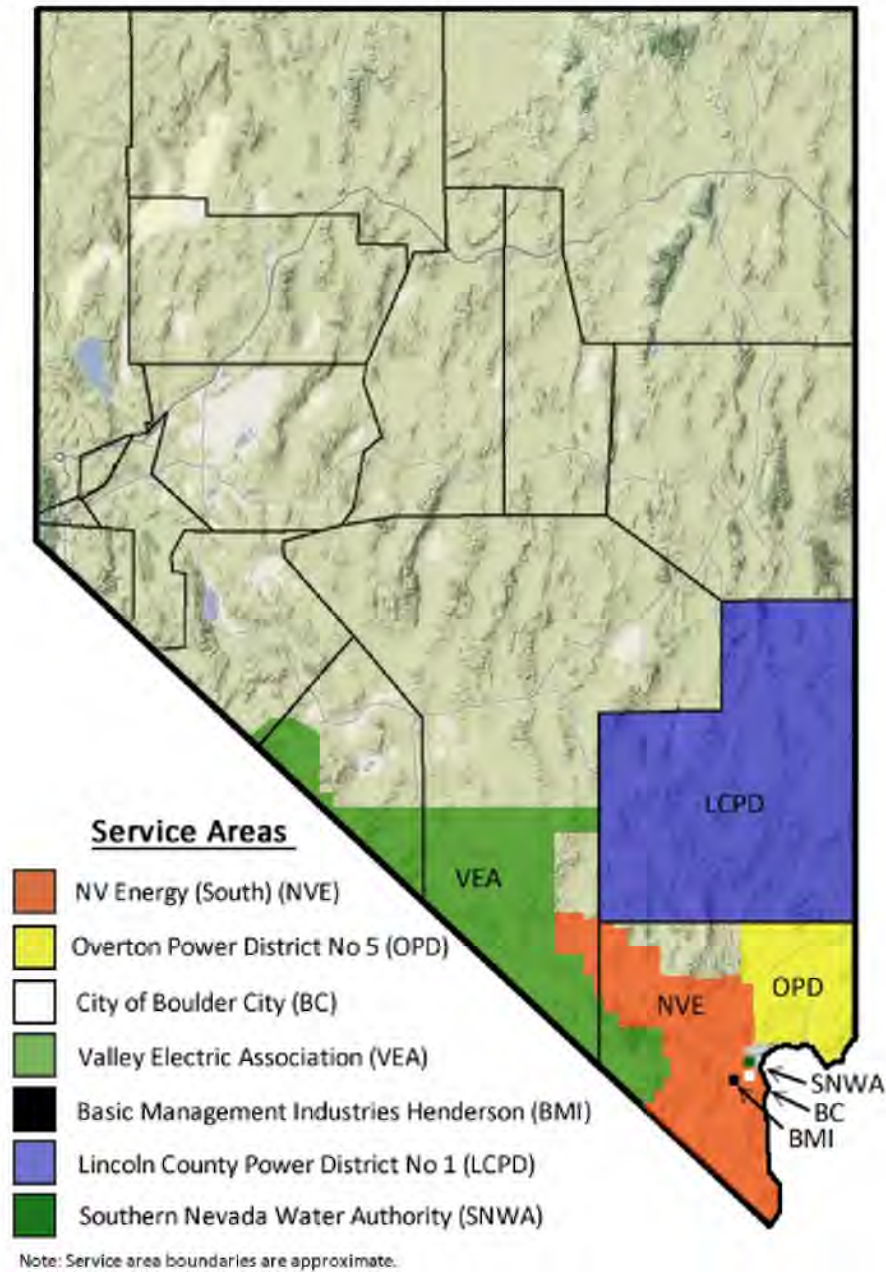


# Hoover Refinancing

- SB 438
  - Authority for CRC to issue bonds up to \$35 million
  - Total savings for Nevada could exceed \$19 million over 30 years
- On track to complete in FY14



# CRC Hoover Power Customers In Nevada



# Questions?

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NEVADA

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Hoover Allocation Website:

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