



# Interstate Efforts to Conserve Colorado River Water

Water Planning and Stewardship Committee

Item 6a

May 10, 2021

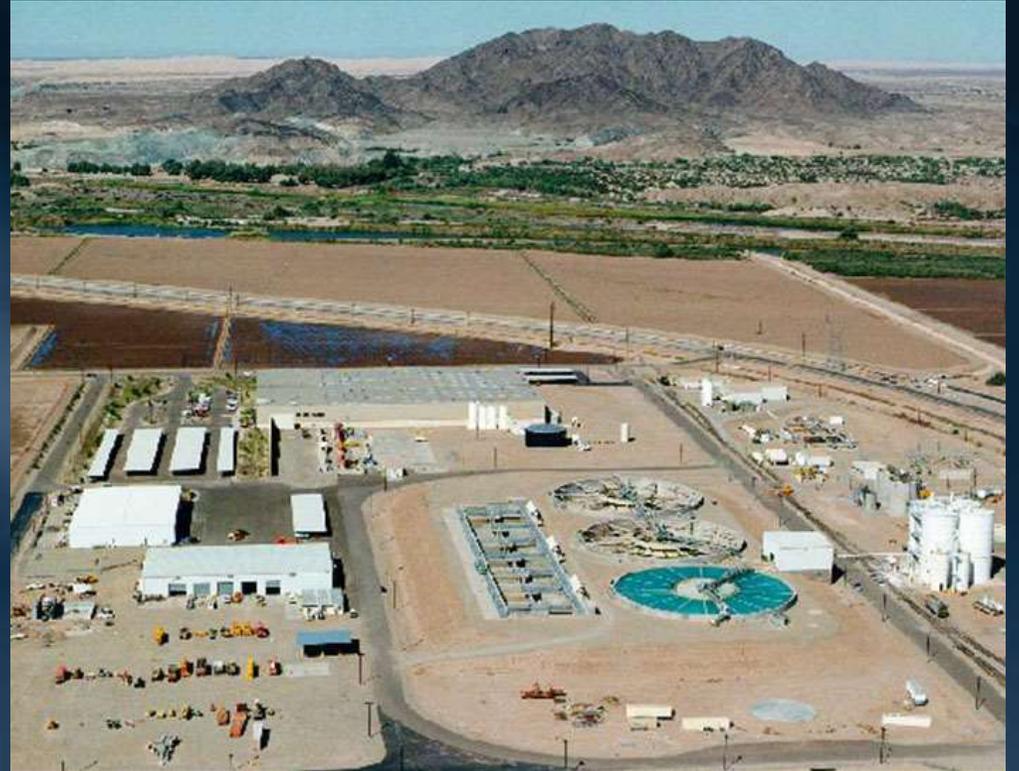
# Presentation Overview

- Conservation efforts have increased the elevation of Lakes Mead and Powell
  - Individual conservation
    - Intentionally Created Surplus
  - Interstate partnerships
    - Yuma Desalting Plant
    - Brock Reservoir
    - System Conservation Pilot Program



# Yuma Desalting Plant

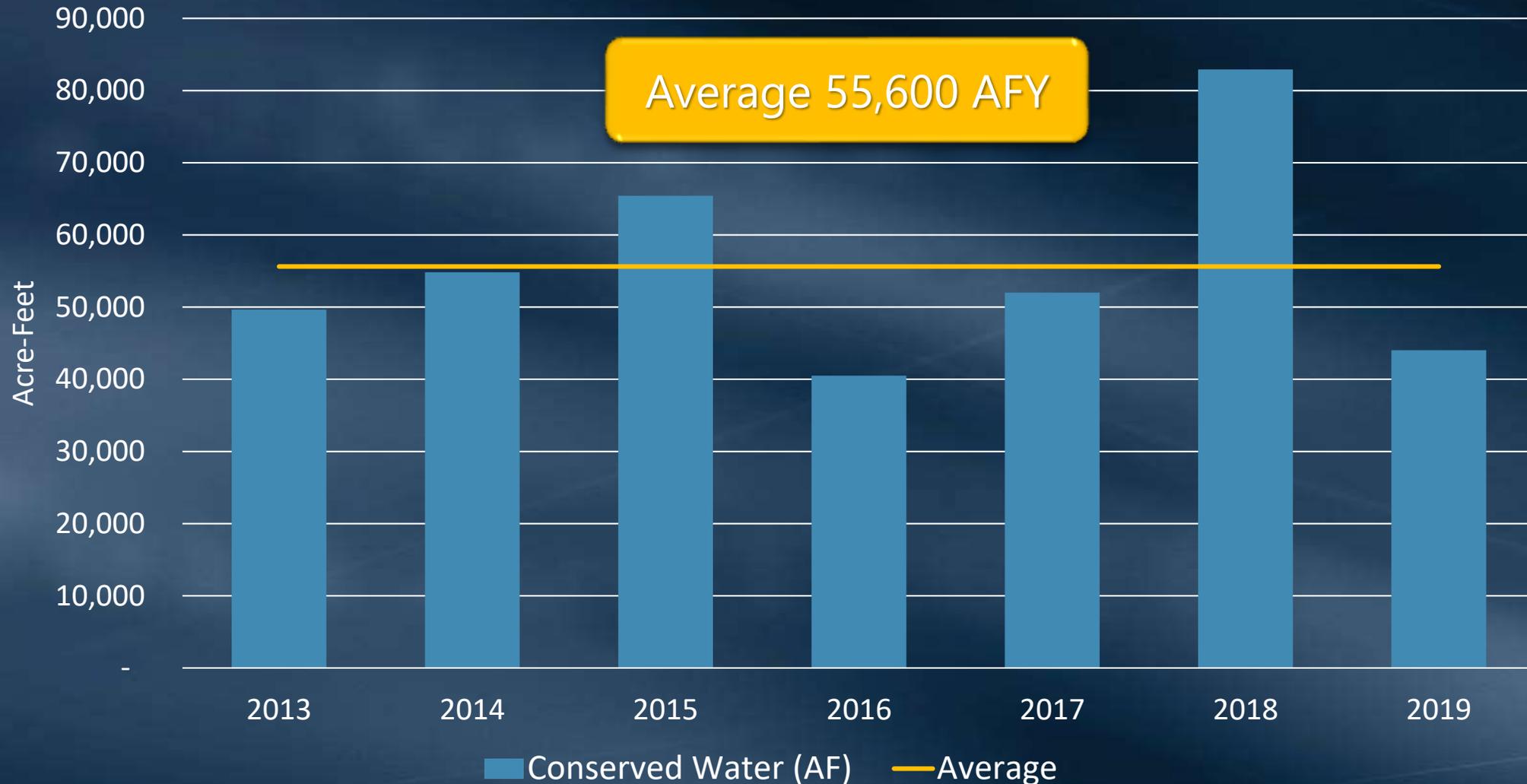
- One year operation
- All 30,497 AF is still in Lake Mead
  - MWD – 24,397 AF
- Significant changes required for long-term operation



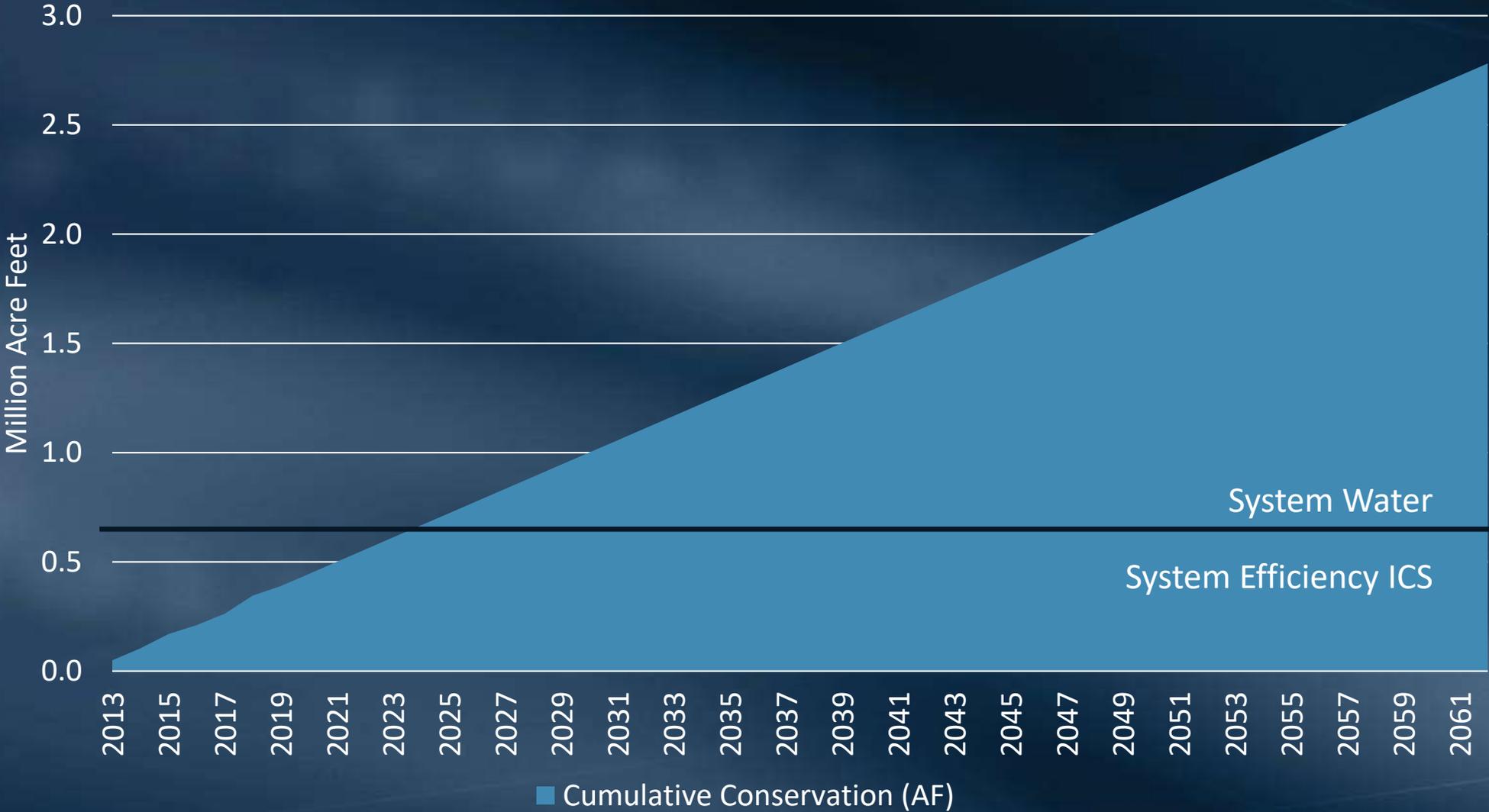
# Brock Reduces Excess Flows to Mexico



# Improved Efficiency by 55,600 AFY



# Brock Reservoir will Save 2.8 MAF



# System Conservation Program Savings Across the Basin



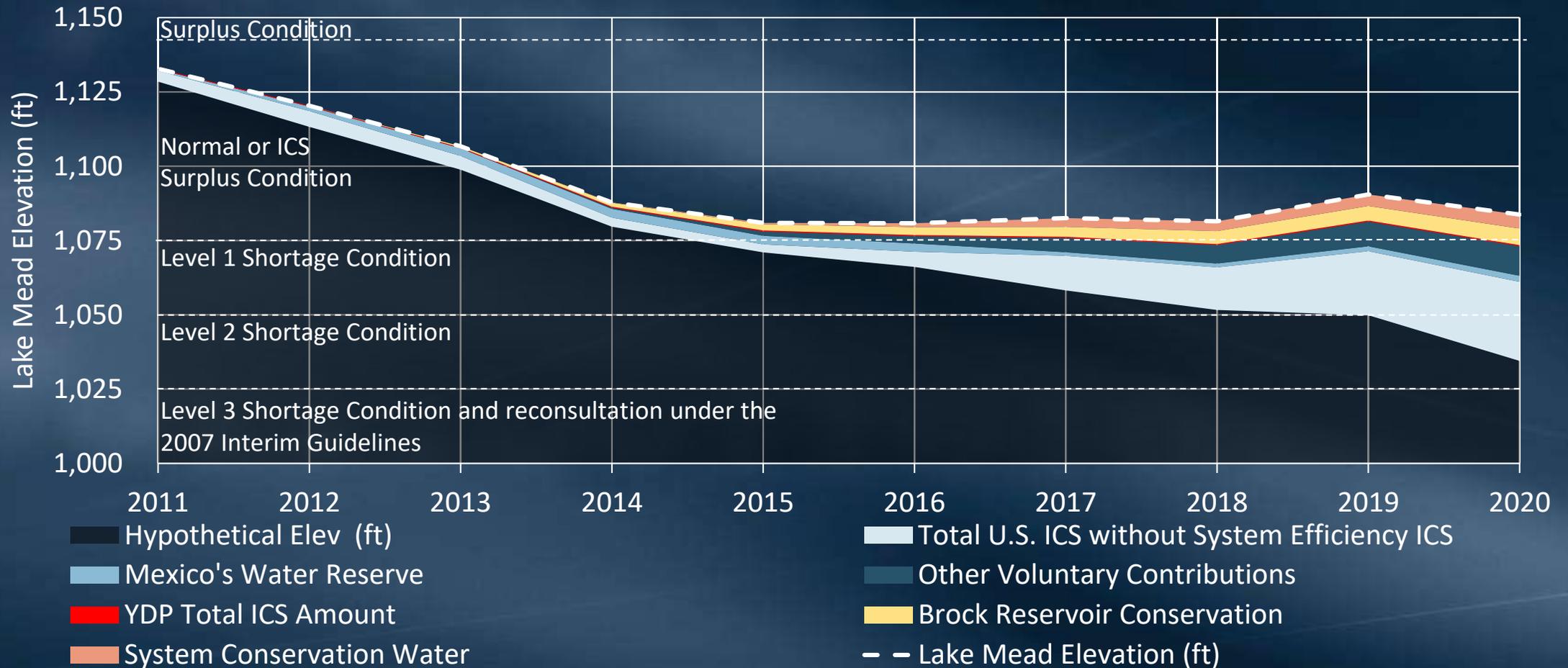
# Program Tested Multiple Methods of Conservation



# Report Concludes Program a Success

- Final report will be published soon
- Pilot was successful
- Incorporate lessons learned
  - Tribal participation is critical
  - Enrollment-based projects tie up funding
  - Meeting volume goals in Lake Powell is more difficult than Lake Mead
  - Existing water conservation programs create competition

# Combined Actions have Kept Lake Mead out of Shortage for 3 years



# Summary

- These interstate partnerships have saved 640,000 AF
- Existing improvements will continue to save water into the future
- Conservation activities have kept the Lower Basin out of shortage
- Additional conservation activities could play a critical role in the long term solution for the Colorado River

