

# Reservoir Committee Meeting

Agenda Item 3-2, Materials for Allocating  
Reservoir Storage

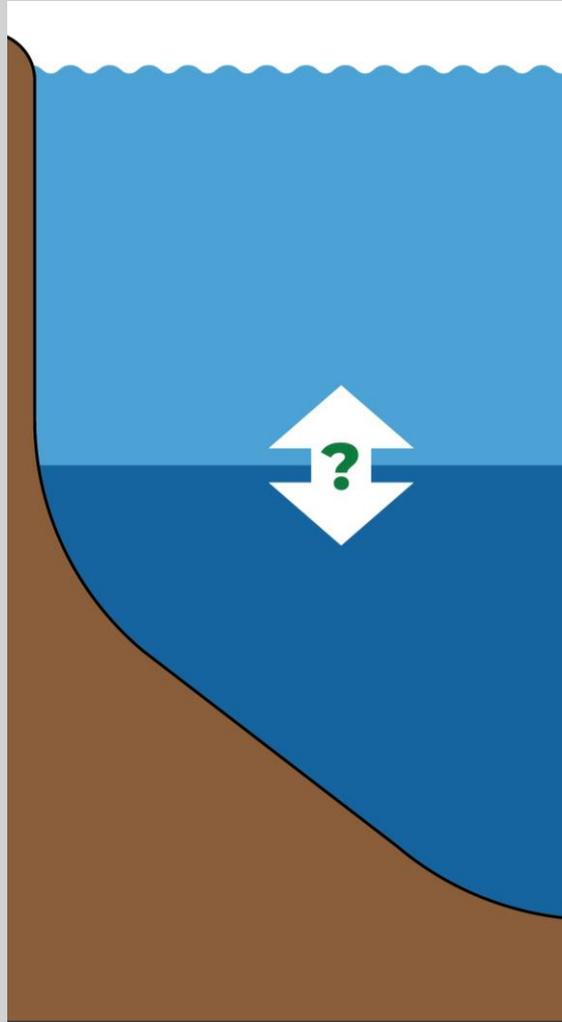
July 15, 2021

A wide-angle photograph of a rural landscape. In the foreground, a black wooden fence with three strands of barbed wire runs across the frame. Beyond the fence is a vast, lush green field. In the middle ground, there are several small white buildings, possibly a farm or a small village, surrounded by trees. The background consists of rolling green hills under a cloudy, overcast sky.

# Allocating Reservoir Storage



**STORAGE BENEFITS**



**HOW MUCH  
STORAGE  
DO I NEED?**

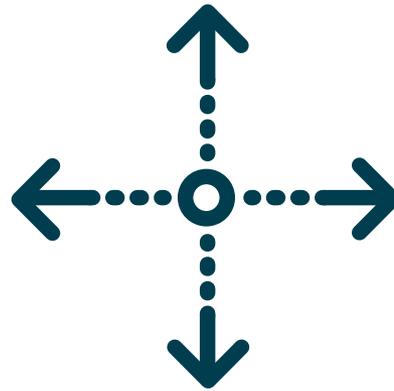


**QUESTIONS ?**

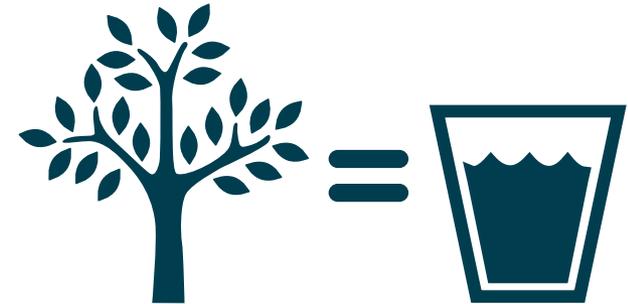
# Benefits of Investing in Storage



**RELIABLE  
CERTAIN**



**FLEXIBLE  
LOCAL CONTROL**



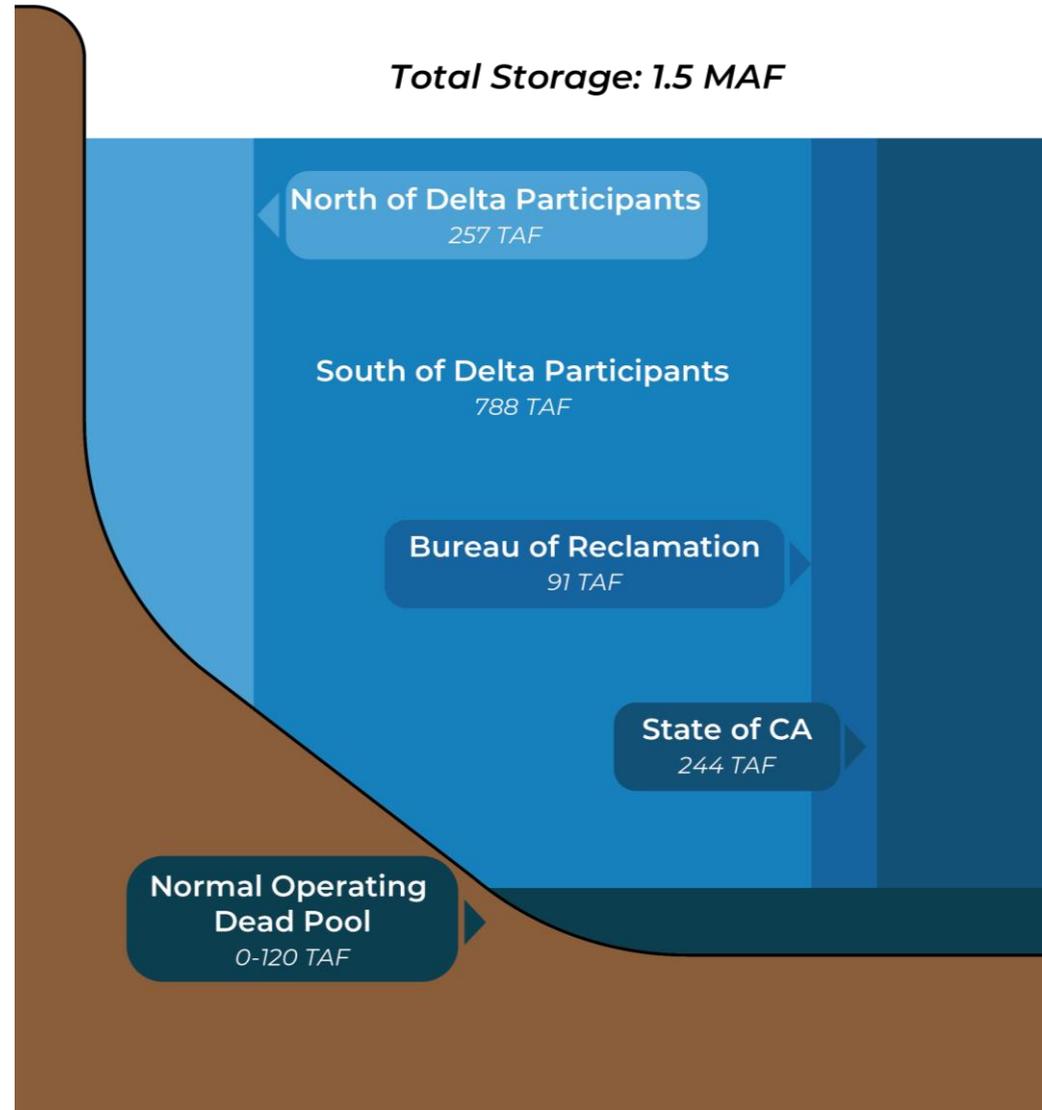
**EQUITABLE**

# Storage Partner Benefits

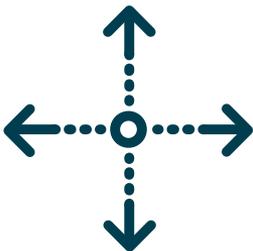


## RELIABLE CERTAIN

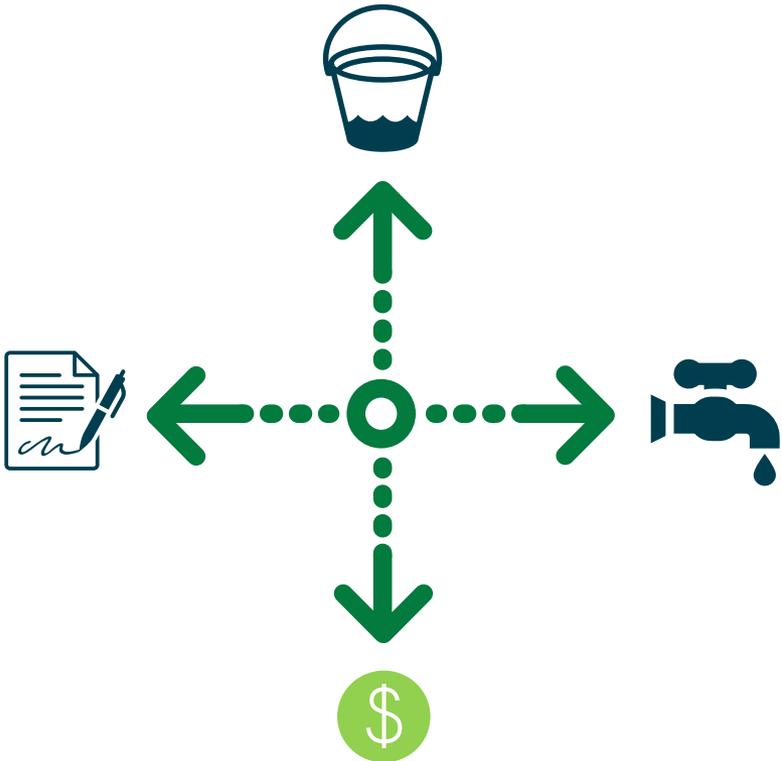
- Known storage space and diversions to storage
- Improved ability to deliver in dry years
- Certainty in availability



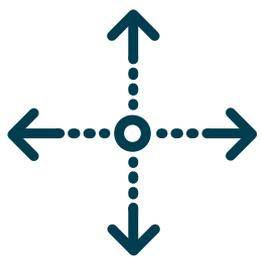
# Storage Partner Benefits



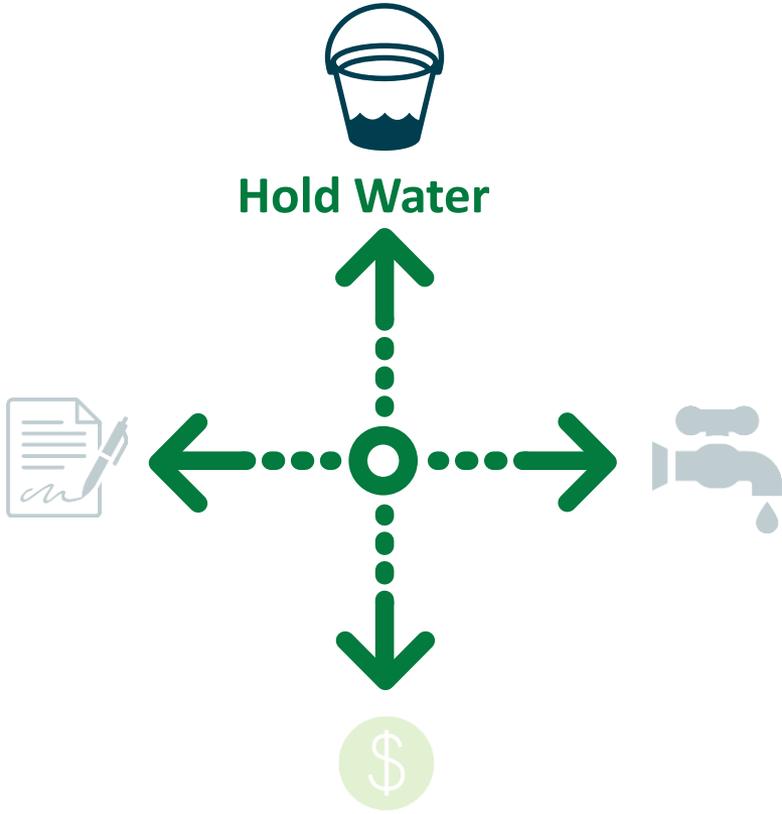
***FLEXIBLE***  
***LOCAL CONTROL***



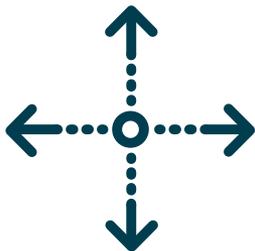
# Storage Partner Benefits



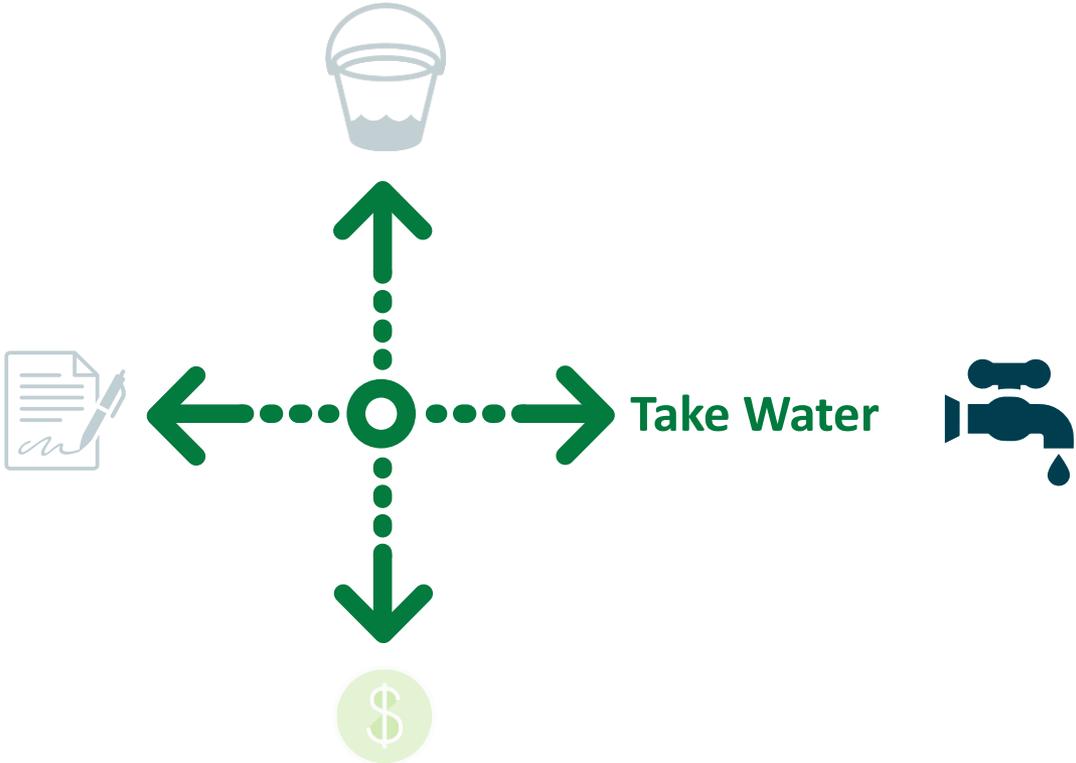
***FLEXIBLE***  
***LOCAL CONTROL***



# Storage Partner Benefits



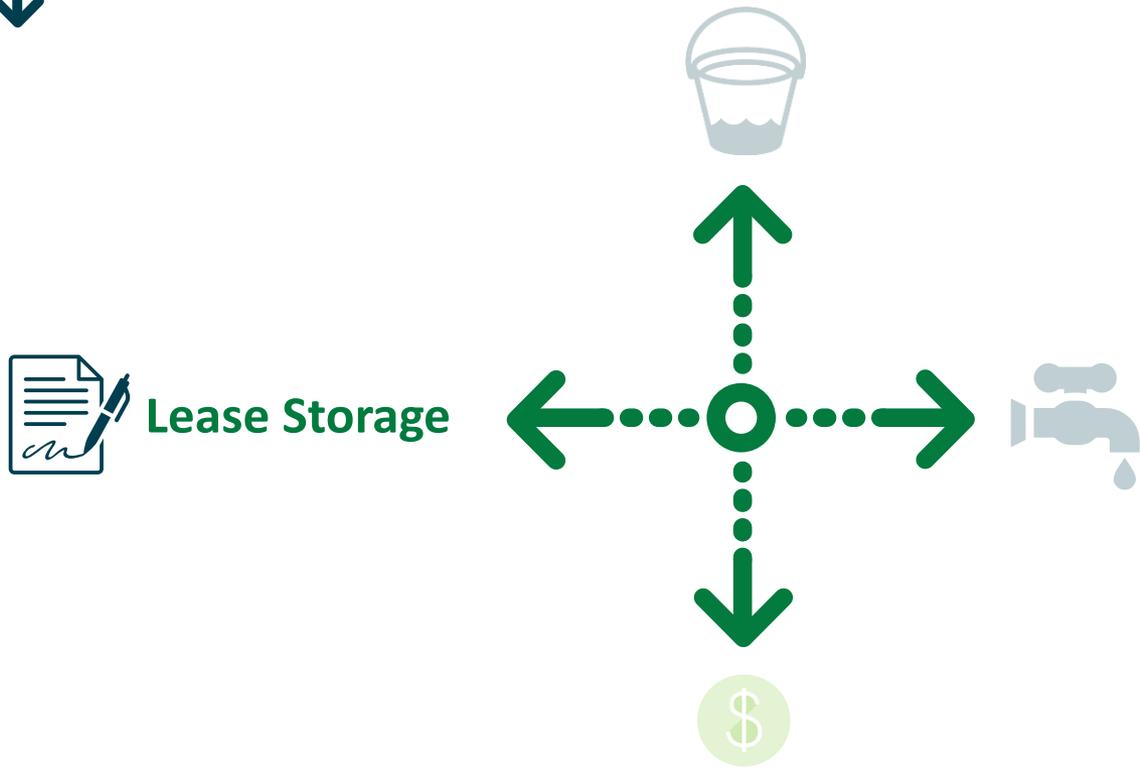
***FLEXIBLE***  
***LOCAL CONTROL***



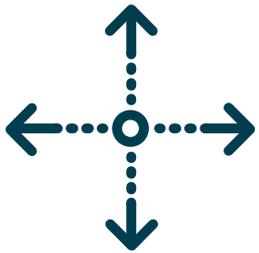
# Storage Partner Benefits



# Storage Partner Benefits



# Storage Partner Benefits



***FLEXIBLE***  
***LOCAL CONTROL***



Hold Water



Lease Storage



Take Water



Sell Water



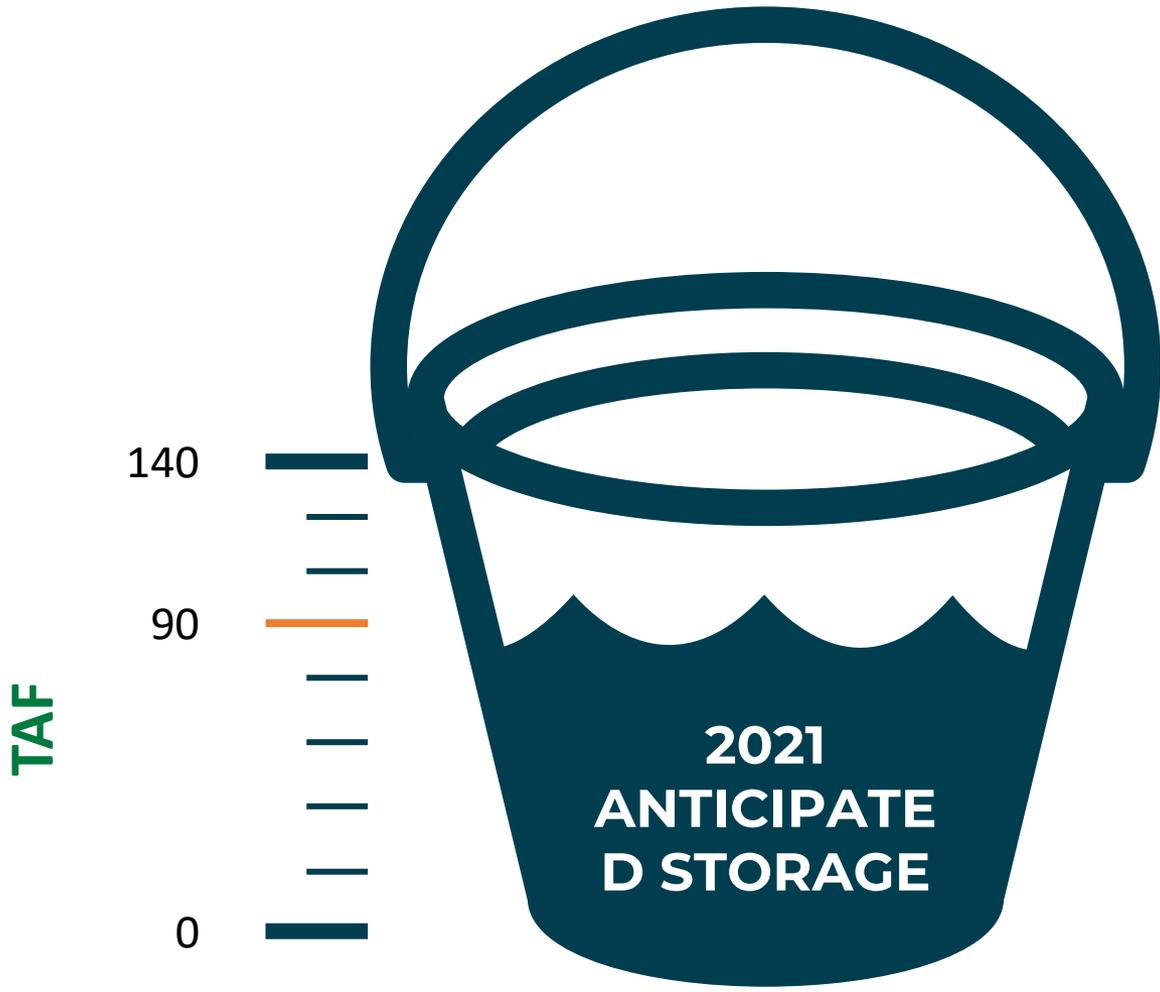
... or combinations

# Storage Partner Benefits



- Storage space does not define operations/options
- Unit price for storage same for all
- Current participation level translates directly to amount of storage space
- Beneficiary pays

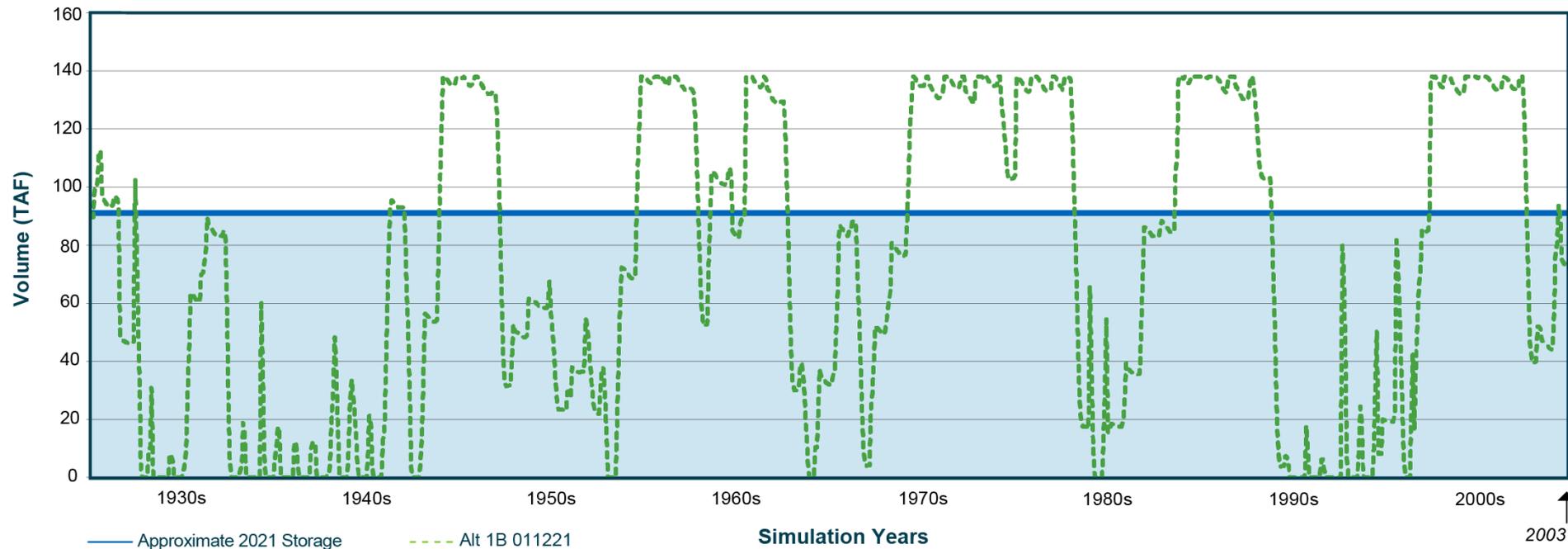
# Example: Tehama-Colusa Canal Authority



# Example: Tehama-Colusa Canal Authority



## *SITES STORAGE: TCCA*



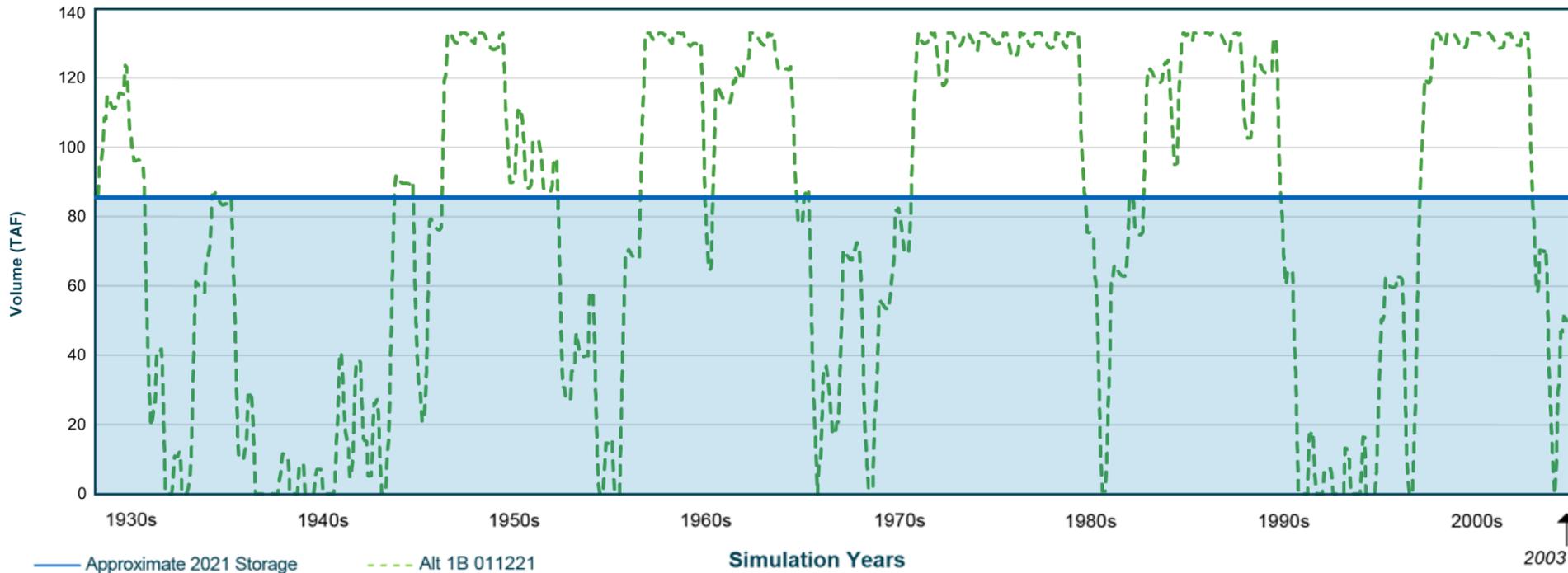
# Example: San Bernardino Valley Municipal Water District



# Example: San Bernardino Valley Municipal Water District

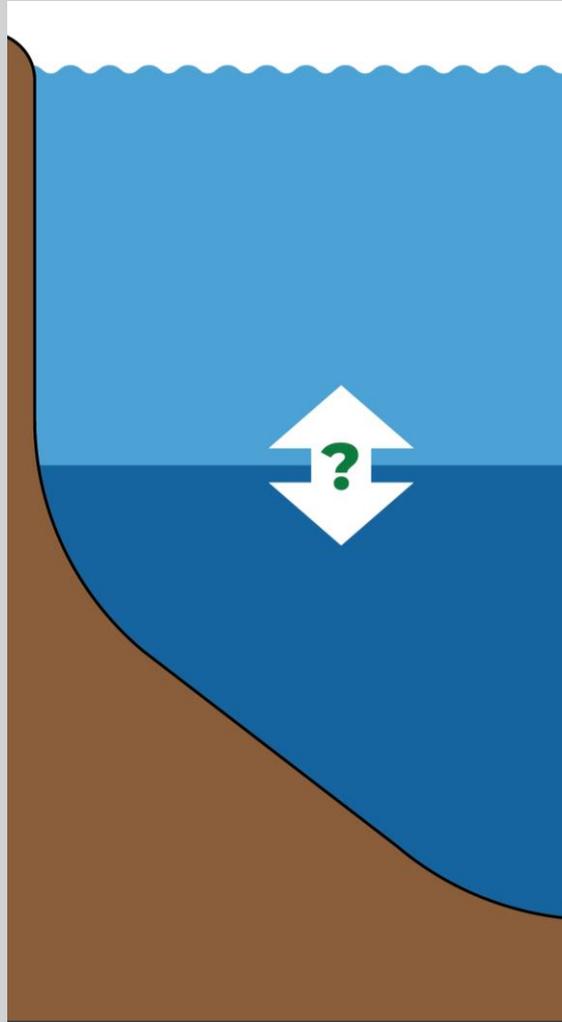


## *SITES STORAGE: San Bernardino Valley MWD*





STORAGE BENEFITS



HOW MUCH  
STORAGE  
DO I NEED?



QUESTIONS ?

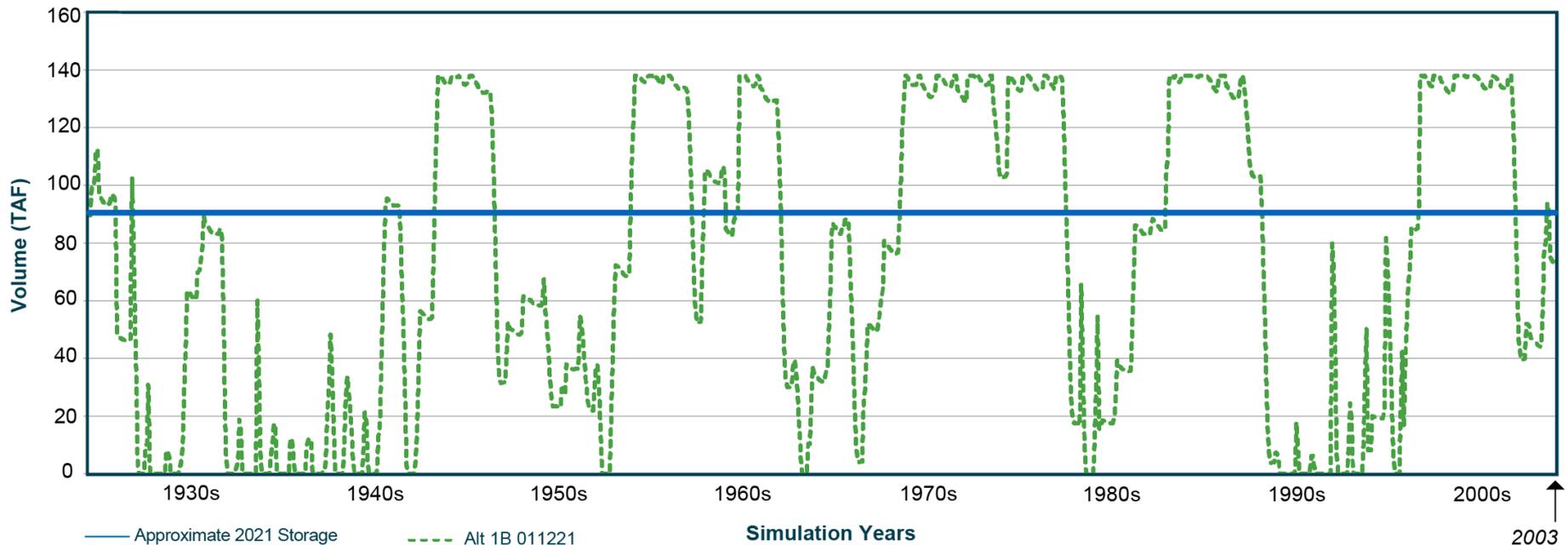
# How Much Storage is Right for my Agency?



## Some considerations:

- ✓ Multiple dry years
- ✓ Assume limited or no diversions in a drought
- ✓ Consider selling and leasing
- ✓ Resiliency against future uncertainties
- ✓ Use existing modeling to see storage level fluctuations

### SITES STORAGE: TCCA

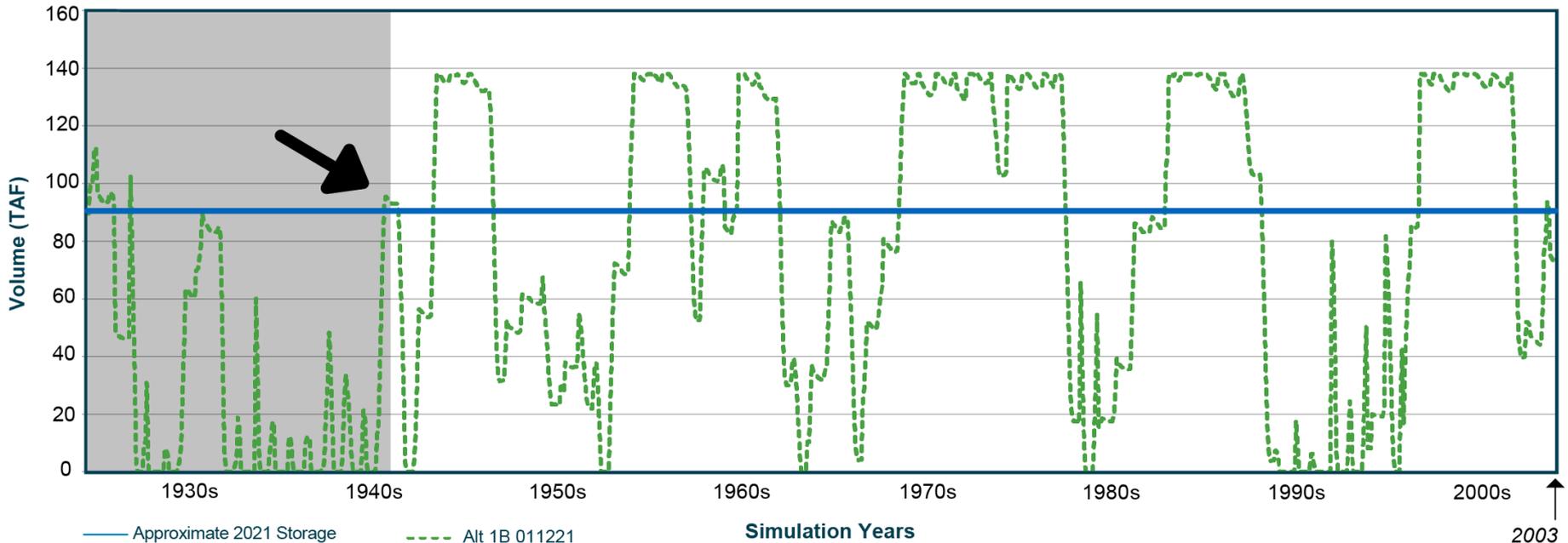


# How Much Storage is Right for my Agency?

## Some considerations:

- ✓ Multiple dry years
- ✓ Assume limited or no diversions in a drought
- ✓ Consider selling and leasing
- ✓ Resiliency against future uncertainties
- ✓ Use existing modeling to see storage level fluctuations

### SITES STORAGE: TCCA



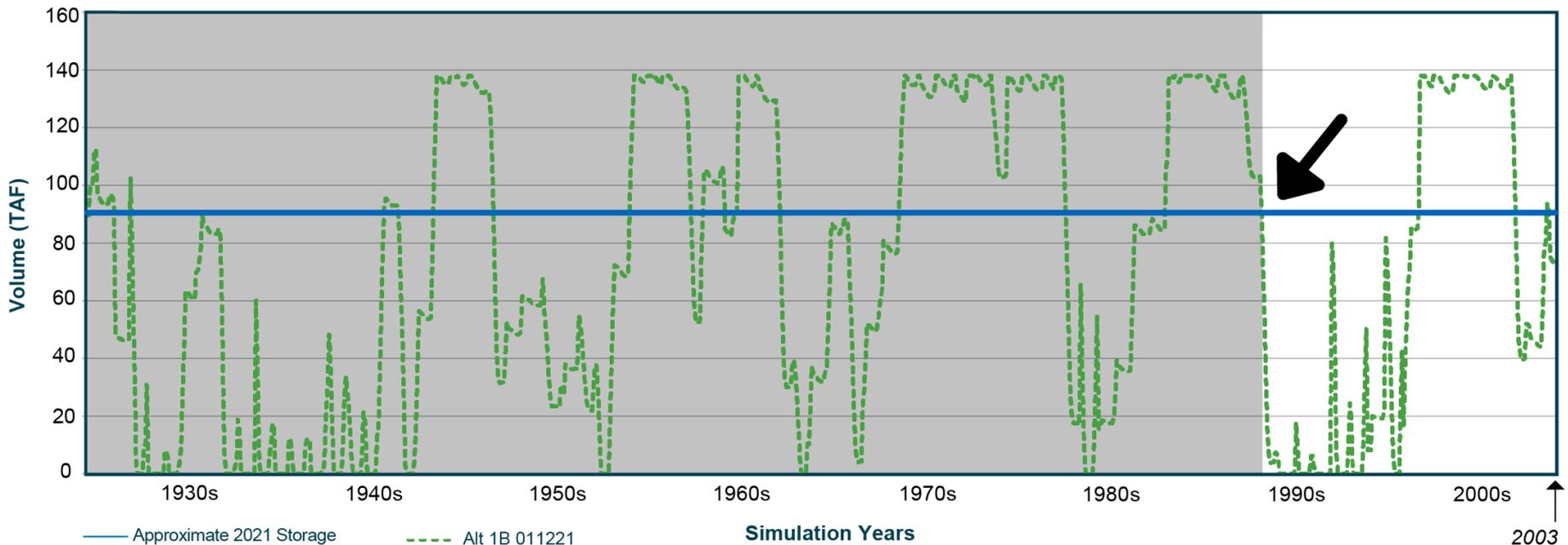
# How Much Storage is Right for my Agency?



## Some considerations:

- ✓ Multiple dry years
- ✓ Assume limited or no diversions in a drought
- ✓ Consider selling and leasing
- ✓ Resiliency against future uncertainties
- ✓ Use existing modeling to see storage level fluctuations

### SITES STORAGE: TCCA

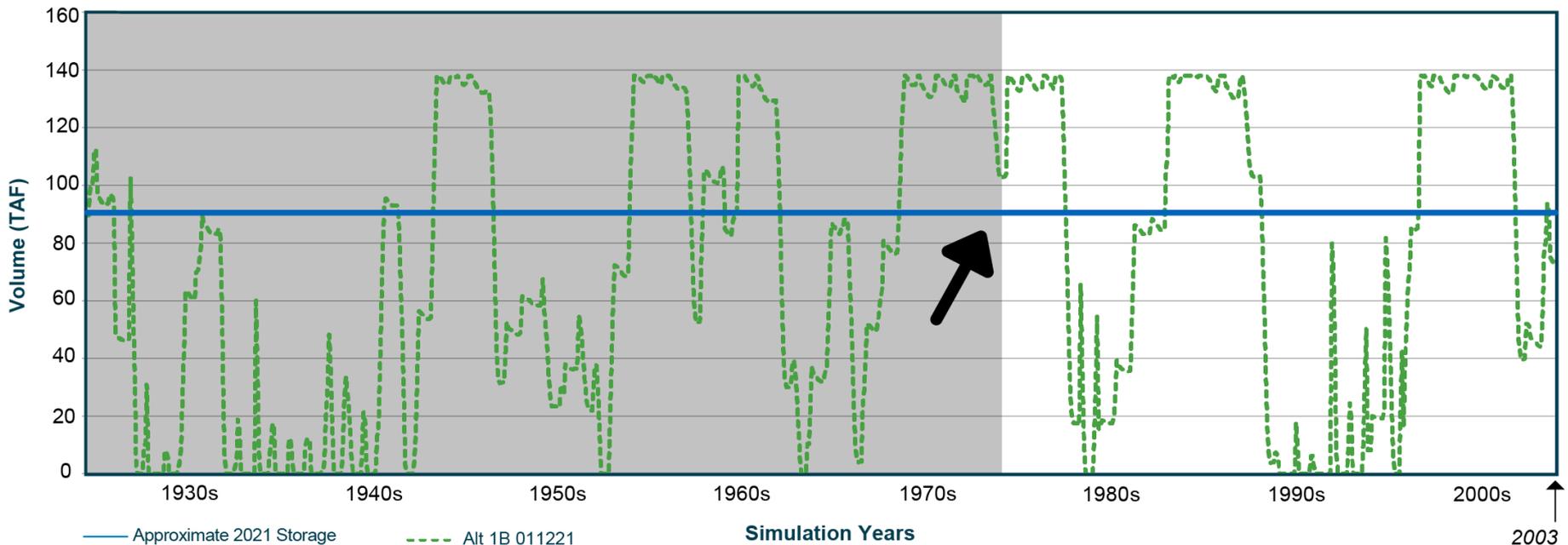


# How Much Storage is Right for my Agency?

## Some considerations:

- ✓ Multiple dry years
- ✓ Assume limited or no diversions in a drought
- ✓ Consider selling and leasing
- ✓ Resiliency against future uncertainties
- ✓ Use existing modeling to see storage level fluctuations

### SITES STORAGE: TCCA



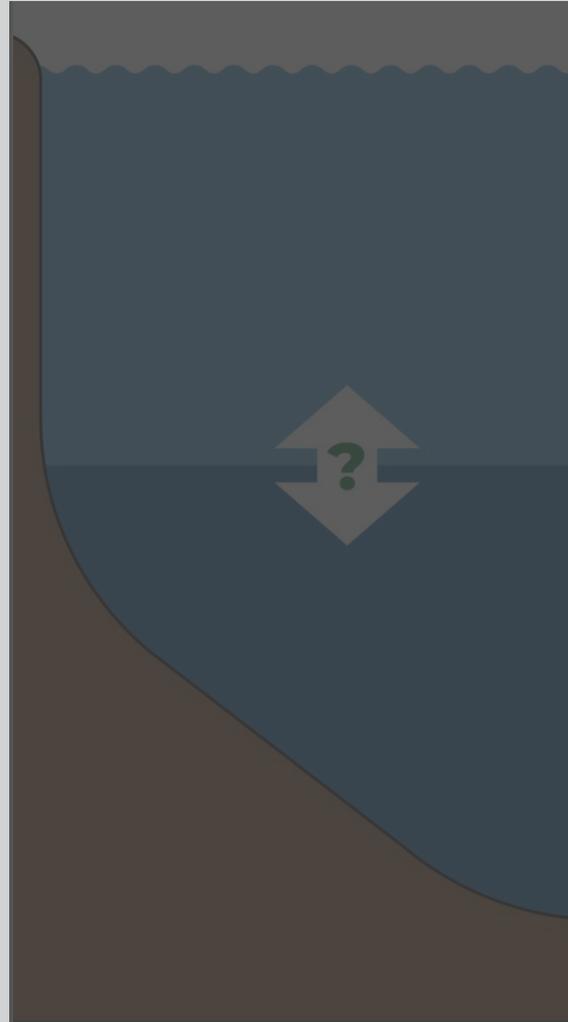
# Summary



- ***Benefits of Storage***
  - ✓ Reliable and certain
  - ✓ Flexible, local control
  - ✓ Equitable
- ***How much do I need?***
  - ✓ Consider multiple dry years
  - ✓ Consider sale/lease of water and storage
  - ✓ Future uncertainty
    - Climate variability
    - CVP/SWP Reliability
    - Regulatory
    - Economic



STORAGE BENEFITS



HOW MUCH  
STORAGE  
DO I NEED?



QUESTIONS ?