

# Availability of AWBA LTSCs for Firming CAP M&I Priority Subcontractors and Mohave County Water Authority

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# Introduction

## **Staff conducted two independent analyses regarding the estimated distribution of long-term storage credits (LTSCs):**

- The ability of the AWBA to firm CAP M&I subcontractors (using LTSCs created with the water storage tax)
- The ability of the AWBA to firm Mohave County Water Authority (MCWA) (using LTSCs created with general fund monies)



# AWBA LTSCs Available as of December 31, 2023

## LTSCs created with the water storage tax:

- 1,582,453 AF in the Phoenix AMA
- 234,791 AF in the Pinal AMA
- 512,213 AF in the Tucson AMA

**LTSCs created with general fund monies: 256,174 AF for MCWA**



# LTSC Utilization for CAP M&I Subcontractors

**Table 1** Estimated availability of LTSCs for firming CAP M&I subcontractors

<b>CAP M&amp;I Subcontractors by AMA - Based on CAP M&amp;I Subcontractor Demand Assuming Full Entitlement Buildout by 2035</b>			
Firming Level	Number of Firming Years, Starting in 2024		
	Phoenix	Pinal	Tucson
10%	38.6	57.0	27.4
20%	20.5	28.7	13.9
30%	13.8	19.2	9.3
40%	10.5	14.5	7.0
50%	8.4	11.7	5.7
60%	7.0	9.8	4.7
70%	6.0	8.4	4.1
80%	5.3	7.4	3.6
90%	4.7	6.6	3.2
100%	4.2	5.9	2.8

<sup>1</sup> Firming volumes are based on CAWCD's data of November 15, 2022 showing 2023 CAP M&I projected demand orders of 584,456 AF, and assume full CAP M&I entitlement build out by 2035.

<sup>2</sup> According to the AWBA Plan of Operation, the AWBA will have a total of 2,329,457 AF of LTSCs as of December 31, 2023.

# LTSC Utilization for MCWA

*Table 2 Estimated availability of LTSCs for firming MCWA*

<b>Mohave County Water Authority                      Assuming MCWA Estimated Consumptive Use of 14,637 AF/Year<sup>1</sup></b>	
Firming Level	Number of Firming Years <sup>2</sup>
10%	> 100
20%	89.1
30%	59.4
40%	44.6
50%	35.7
60%	29.7
70%	25.5
80%	22.3
90%	19.8
100%	17.8

<sup>1</sup> Firming volumes are based on Colorado River Management’s 2021 consumptive use equivalent (14,637 AF) of diversions (22,778 AF) assigned to MCWA, and assume full use of MCWA diversion contract.

<sup>2</sup> According to the AWBA Plan of Operation, the AWBA has a total of 256,174 AF reserved for MCWA.

# Questions?

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