

2025 Preliminary AWBA Plan of Operation

Rebecca Bernat, Ph.D., Manager



AWBA Quarterly Meeting
Sept 11, 2024

2025 Preliminary Plan of Operation

Water Availability

- BOR announced Tier 1 shortage for 2025
 - 512,000 AF reduction to AZ Colorado River entitlement
- Resultant reduction to CAP
 - Portion of non-Indian agricultural (NIA) pool

2025 Preliminary Plan of Operation

Credit Development

- No Excess CAP water available to AWBA
- Goals achieved through other means
 - Intentionally Created Surplus (ICS) Firming Credits
 - Long-term Storage Credit (LTSC) purchases
 - Changes in pricing method due to tightening market

Funding for 2025 Plan of Operation

Funding Source	Estimated Funds Available		Estimated Funds Utilized		Estimated Credits (AF)	
	AWBA	CAWCD	AWBA	CAWCD	Water Storage	Developed Credits
Withdrawal Fees						
Phoenix AMA ¹	\$1,676,210		\$1,676,210		0	5,327
Tucson AMA ²	\$367,337		\$367,337		0	918
Water Storage Tax						
Phoenix AMA		\$0		\$0	0	0
Pinal AMA		\$0		\$0	0	0
Tucson AMA		\$0		\$0	0	0
Total	\$2,043,547		\$2,043,547		0	6,245

¹ Funds used to develop ICS Firming Credits at \$283.2/AF pursuant to AWBA's 2019 IGA with the Community. Developed credits include a 10% loss factor.

² The purchase rate of \$400 per LTSC neither accounts for the source of credit nor market fluctuation.

Distribution of Credits

Firming for 2025

- Tier 1 Shortage condition
- Tribal firming obligation for the Gila River Indian Community (Community): 6,102 AF

Firming Proposal for the Community - Tier 1 Shortage in 2025:

Year	Firming Credits Developed			Firming Credits Used (AF)		Remaining Balance (AF)
	Firming Credits Developed (AF)	Cost/AF	Total Cost	Through CY 2024	CY 2025 ¹	
2015	16,000	\$157.00	\$2,512,000	16,000	0	0
2016	12,000	\$161.00	\$1,932,000	11,174	826	0
2017	7,000	\$164.00	\$1,148,000	0	5,276	1,724
2018	9,000	\$160.00	\$1,440,000	0	0	9,000
Total	44,000		\$7,032,000	27,174	6,102	10,724

¹ Based on CAWCD's August 2024 estimates of 2025 water orders.

- No firming for CAP M&I or on-River (sub)contractors

No request for Intentionally Created Unused Apportionment

Estimated Firming Volumes thru 2025

Objective and Location	Estimated Credits Available as of Dec 31, 2024 ¹	Estimated Credits Used in 2025	Estimated Credits Remaining as of Dec 31, 2025
	Acre-feet		
CAP M&I Firming (4-cent tax)	2,329,457	0	2,329,457
Phoenix AMA	1,582,453	0	1,582,453
Pinal AMA	234,791	0	234,791
Tucson AMA	512,213	0	512,213
On-River M&I Firming (gen. fund)	403,830	0	403,830
Tribal Settlement Obligations:²	161,262	6,102	155,160
Community - 15,000 AFY	161,262	6,102	155,160
<i>LTSCs</i>	105,390	0	105,390
<i>Firming Credits</i>	16,826	6,102	10,724
<i>ICS Firming Credits</i>	39,046	0	39,046
WMAT - 3,750 AFY	0	0	0
Hualapai - 557.5 AFY	0	0	0
Future Settlements- 4416.5 AFY³	0	0	0
Federal Assistance (SAWRSA)	34,102	0	34,102
Groundwater Mgmt. (W/Fees)	777,591	0	777,591
Phoenix AMA	228,878	12,350	216,528
Pinal AMA	444,757	-12,350	457,107
Tucson AMA	103,956	0	103,956
Shortage Reparations	109,489	0	109,489
Pinal Redirect Credits	14,125	0	14,125
Interstate - SNWA	613,846	0	613,846

¹ Includes all credits accrued and utilized through 2024

² The White Mountain Apache Tribe Water Rights Quantification Act enforceability date is December 30, 2027. The Hualapai Tribe settlement enforceability date is April 15, 2029.

³ The AWBA understands that it is highly unlikely that additional NIA priority water would be included in future settlements. Therefore, the AWBA is assuming there will be no additional firming obligations of NIA priority water.

Questions?

Email: rbernat@azwater.gov

Website: <https://waterbank.az.gov/>

