

Agenda Item 3.3

Allocations of Storage Space

Joint Authority Board & Reservoir Committee

April 21, 2023



Assumptions for Storage Space Allocation

- Changes in Available Storage
 - Dead storage reduced from 120 TAF to 60 TAF
 - Recent survey refinements estimate capacity of Sites Reservoir at 1.47 MAF
 - Results in total Available Storage of 1.41 MAF
- Allocation of Available Storage prior to Reclamation interest in increasing investment to 16%
 - Amendment 3 PWA = ~1.038 MAF
 - State of California = 244 TAF
 - Reclamation = 91 TAF (~7%)

Assumptions for Storage Space Allocation

- Change in reservoir active storage and decreases in local storage partner participation provides 37 TAF
- Reclamation currently allocated change in active storage of 37 TAF as increase in storage allocation
 - Total storage allocation becomes 128 TAF (9%)
 - Less than 225.6 TAF (16%)
- Maintains preliminary equation to establish storage allocation for local Partners applied to Amendment 3 Participation

Existing participation x 6.234 = Storage Allocation

Allocation of Active Storage

Reservoir Size: 1,470,000 AF
 Dead Pool: 60,000 AF
 Available Storage: 1,410,000 AF

| Participant Name | Amendment 3 Participation Level | Amendment 3 Storage Allocation | % Available Storage |
|------------------------------|---------------------------------|--------------------------------|---------------------|
| Antelope Valley-East Kern WA | 500 | 3,117 | 0.2% |
| City of American Canyon | 4,000 | 24,936 | 1.8% |
| Coachella Valley WD | 10,000 | 62,340 | 4.4% |
| Colusa County | 10,000 | 62,340 | 4.4% |
| Colusa County WD | 9,256 | 57,702 | 4.1% |
| Cortina WD | 450 | 2,805 | 0.2% |
| Davis WD | 2,000 | 12,468 | 0.9% |
| Desert WA | 6,500 | 40,521 | 2.9% |
| Dunnigan WD | 2,972 | 18,527 | 1.3% |
| Glenn-Colusa ID | 5,000 | 31,170 | 2.2% |
| Irvine Ranch WD | 1,000 | 6,234 | 0.4% |
| LaGrande WD | 1,000 | 6,234 | 0.4% |

Allocation of Active Storage

| Participant Name | Amendment 3 Participation Level | Amendment 3 Storage Allocation | % Available Storage |
|------------------------------------|---------------------------------|--------------------------------|---------------------|
| Metropolitan Water District of SC | 50,000 | 311,700 | 22.1% |
| Reclamation District 108 | 4,000 | 24,936 | 1.8% |
| Rosedale-Rio Bravo WD | 500 | 3,117 | 0.2% |
| San Bernardino Valley Municipal WD | 21,400 | 133,408 | 9.5% |
| San Geronio Pass WA | 14,000 | 87,276 | 6.2% |
| Santa Clara Valley WD | 500 | 3,117 | 0.2% |
| Santa Clarita Valley WA | 5,000 | 31,170 | 2.2% |
| Westside WD | 5,375 | 33,508 | 2.4% |
| Wheeler Ridge - Maricopa WSD | 3,050 | 19,014 | 1.3% |
| Zone 7 WA | 10,000 | 62,340 | 4.4% |
| State of California - Total | -- | 244,000 | 17.3% |
| Reclamation** | -- | 128,020 | 9.1% |
| Available Storage Total | 166,503 | 1,410,000 | 100.0% |

- Water diverted will be allocated to each Storage Partner's storage space proportional to its Storage Allocation (i.e., percent of Available Storage)

Next Steps

- Seek approval to make transition to Storage Allocation based participation in May
 - Approve calculations in table on prior slides considering change in dead pool, recent survey refinements to reservoir capacity, and increase in Reclamation investment
 - Discussions going forward would be based around storage instead of annualized supply