CRMMS ESP Summary

The September 2024 CRMMS ESP results are attached and summarized below:

* Projected Elevations:
  + Lake Powell EOCY 2024 range: 3,572.35 feet – 3,581.95 feet
  + Lake Mead EOCY 2024 range: 1,063.46 feet – 1,068.72 feet

**Changes from August 2024 Run**

% of Traces per Powell Operating Tier in WY 2025:

|  | **Eq.** | **UEBT>8.23** | **UEBT=8.23** | **UEBT<8.23** | **MERT** | **LEBT** |
| --- | --- | --- | --- | --- | --- | --- |
| **September** | 0 | 0 | 0 | 0 | 100 | 0 |
| **August** | 0 | 0 | 0 | 0 | 100 | 0 |
| **Difference** | 0 | 0 | 0 | 0 | 0 | 0 |

* ADD BULLETS OF NOTE HERE

% Traces in Powell Annual Release Volume Scenario:

|  | **2025** | | | **2026** | | | **2027** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **<8.23** | **8.23** | **>8.23** | **<8.23** | **8.23** | **>8.23** | **<8.23** | **8.23** | **>8.23** |
| **September** | 100 | 0 | 0 | 43 | 0 | 57 | 27 | 0 | 73 |
| **August** | 100 | 0 | 0 | 43 | 0 | 57 | 30 | 0 | 70 |
| **Difference** | 0 | 0 | 0 | 0 | 0 | 0 | -3 | 0 | +3 |

* ADD BULLETS OF NOTE HERE

% Traces with Powell Release Adjustment to Avoid Declining Below 3,500 ft during the CY:

|  | **2024** | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- | --- |
| **September** | 0 | 0 | 0 | 7 | 7 |
| **August** | 0 | 0 | 3 | 10 | 10 |
| **Difference** | 0 | 0 | -3 | -3 | -3 |

* ADD BULLETS OF NOTE HERE

% Traces with Powell Elevation below the Upper Basin DCP Trigger elevation of 3,525 ft in any month during the CY:

|  | **2024** | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- | --- |
| **September** | 0 | 3 | 10 | 13 | 17 |
| **August** | 0 | 3 | 10 | 13 | 17 |
| **Difference** | 0 | 0 | 0 | 0 | 0 |

% Traces with Powell Elevation below Minimum Power Pool in any month during the CY:

|  | **2024** | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- | --- |
| **September** | 0 | 0 | 0 | 0 | 0 |
| **August** | 0 | 0 | 0 | 0 | 0 |
| **Difference** | 0 | 0 | 0 | 0 | 0 |

* ADD BULLETS OF NOTE HERE

% Traces with Lower Basin DCP (Lake Mead Elevation <= 1,090 ft on January 1):

|  | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- |
| **September** | 100 | 100 | 93 | 83 |
| **August** | 100 | 100 | 93 | 87 |
| **Difference** | 0 | 0 | 0 | -4 |

% Traces with Lower Basin Shortage - Any Condition (Lake Mead Elevation <= 1,075 ft on January 1):

|  | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- |
| **September** | 100 | 90 | 67 | 50 |
| **August** | 100 | 93 | 83 | 80 |
| **Difference** | 0 | -3 | -16 | -30 |

% Traces with Lower Basin Shortage (Lake Mead Elevation <= 1,050 ft on January 1):

|  | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- |
| **September** | 0 | 0 | 17 | 20 |
| **August** | 0 | 0 | 27 | 27 |
| **Difference** | 0 | 0 | -10 | -7 |

% Traces with Lower Basin Shortage (Lake Mead Elevation <= 1,045 ft on January 1):

|  | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- |
| **September** | 0 | 0 | 3 | 17 |
| **August** | 0 | 0 | 20 | 23 |
| **Difference** | 0 | 0 | -17 | -6 |

% Traces with Lower Basin Shortage (Lake Mead Elevation <= 1,025 ft on January 1):

|  | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- |
| **September** | 0 | 0 | 0 | 7 |
| **August** | 0 | 0 | 0 | 13 |
| **Difference** | 0 | 0 | 0 | -6 |

% Traces with Lake Mead Elevation <= 950 ft in any month:

|  | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- |
| **September** | 0 | 0 | 0 | 0 |
| **August** | 0 | 0 | 0 | 0 |
| **Difference** | 0 | 0 | 0 | 0 |

% Traces with Lake Mead Elevation <= 895 ft in any month:

|  | **2025** | **2026** | **2027** | **2028** |
| --- | --- | --- | --- | --- |
| **September** | 0 | 0 | 0 | 0 |
| **August** | 0 | 0 | 0 | 0 |
| **Difference** | 0 | 0 | 0 | 0 |

