



Water Planning and Stewardship Committee

Update on Water Surplus and Drought Management

Item 6d
May 9, 2022

Outline

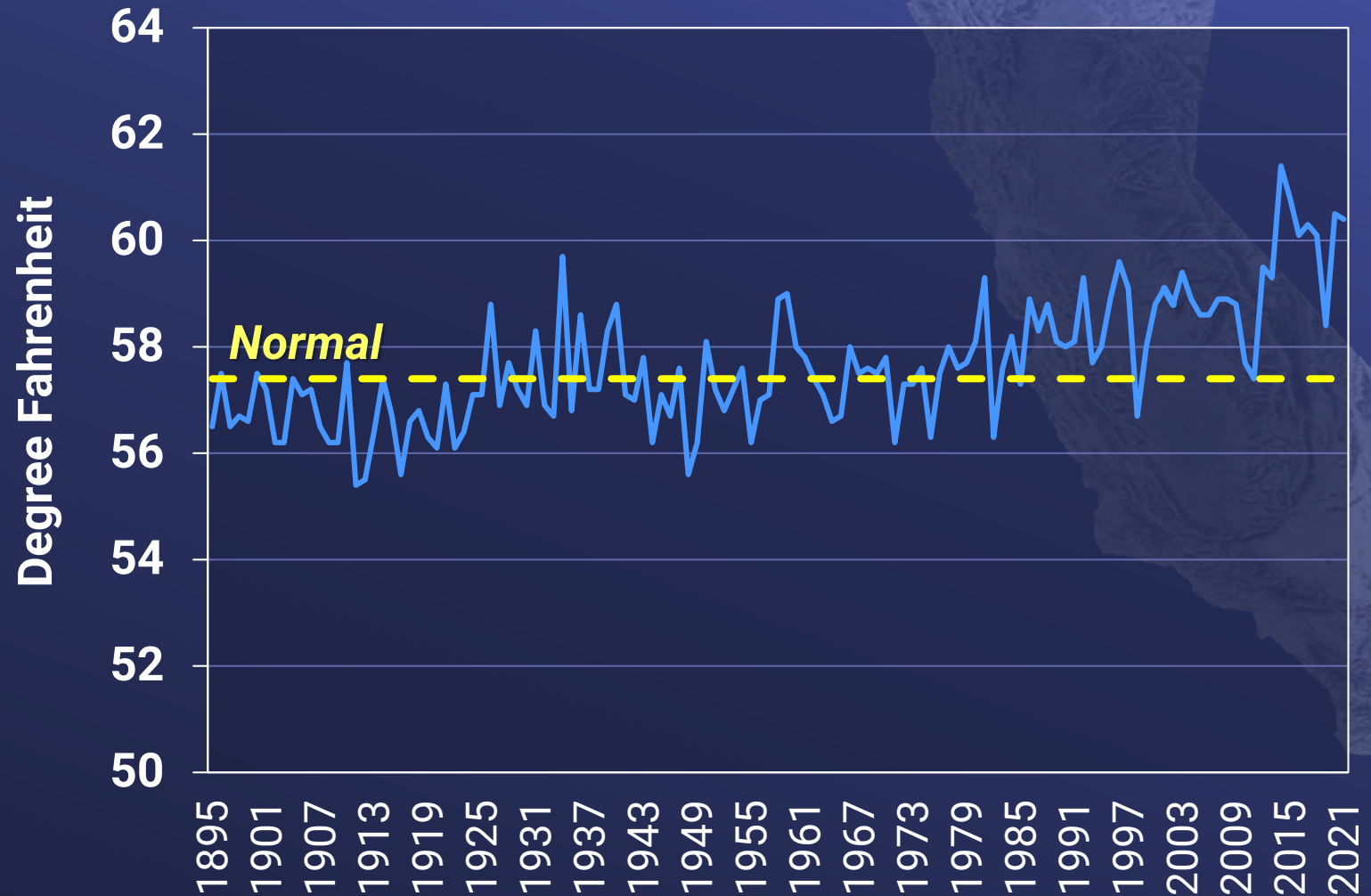
- Hydrologic Conditions
- Supply and Demand Balances



Statewide Average Temperature

Statewide

Unprecedented
warming trend
since the turn of
the century





Northern California

WY 2020-2022
is Currently the
Driest 3
Consecutive
Years on
Record

8-Station Index Precipitation 3 Consecutive Year Total Ranking





Northern California

WY 2020-2022
Projected to be
the Second
Lowest on
Record

Sacramento River Runoff 3 Consecutive Year Total Ranking

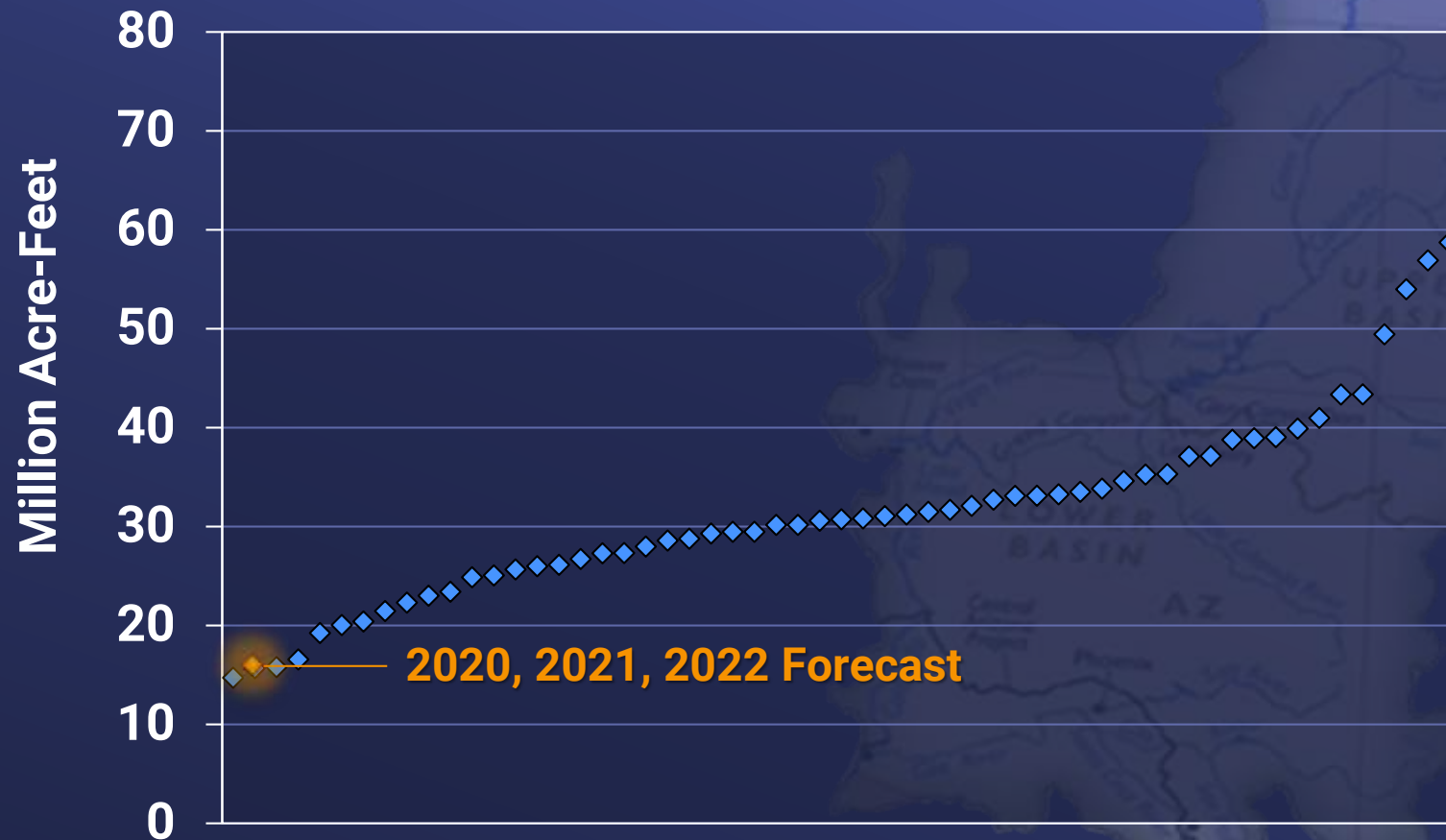




Upper Colorado River Basin

WY 2020-2022
Projected to be
the Second
Lowest on
Record

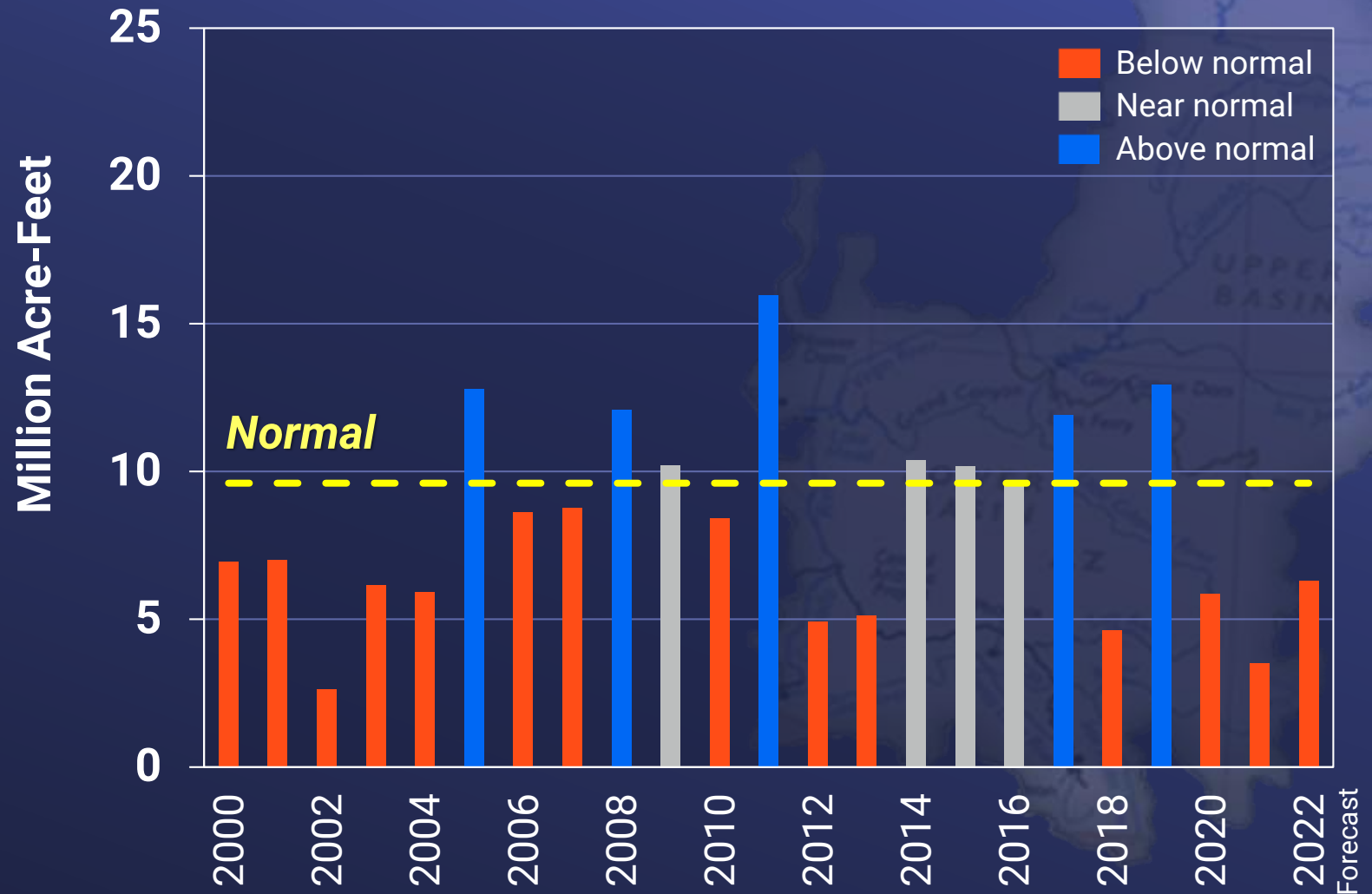
Ranking Powell Unregulated Inflow for 3 Consecutive Years



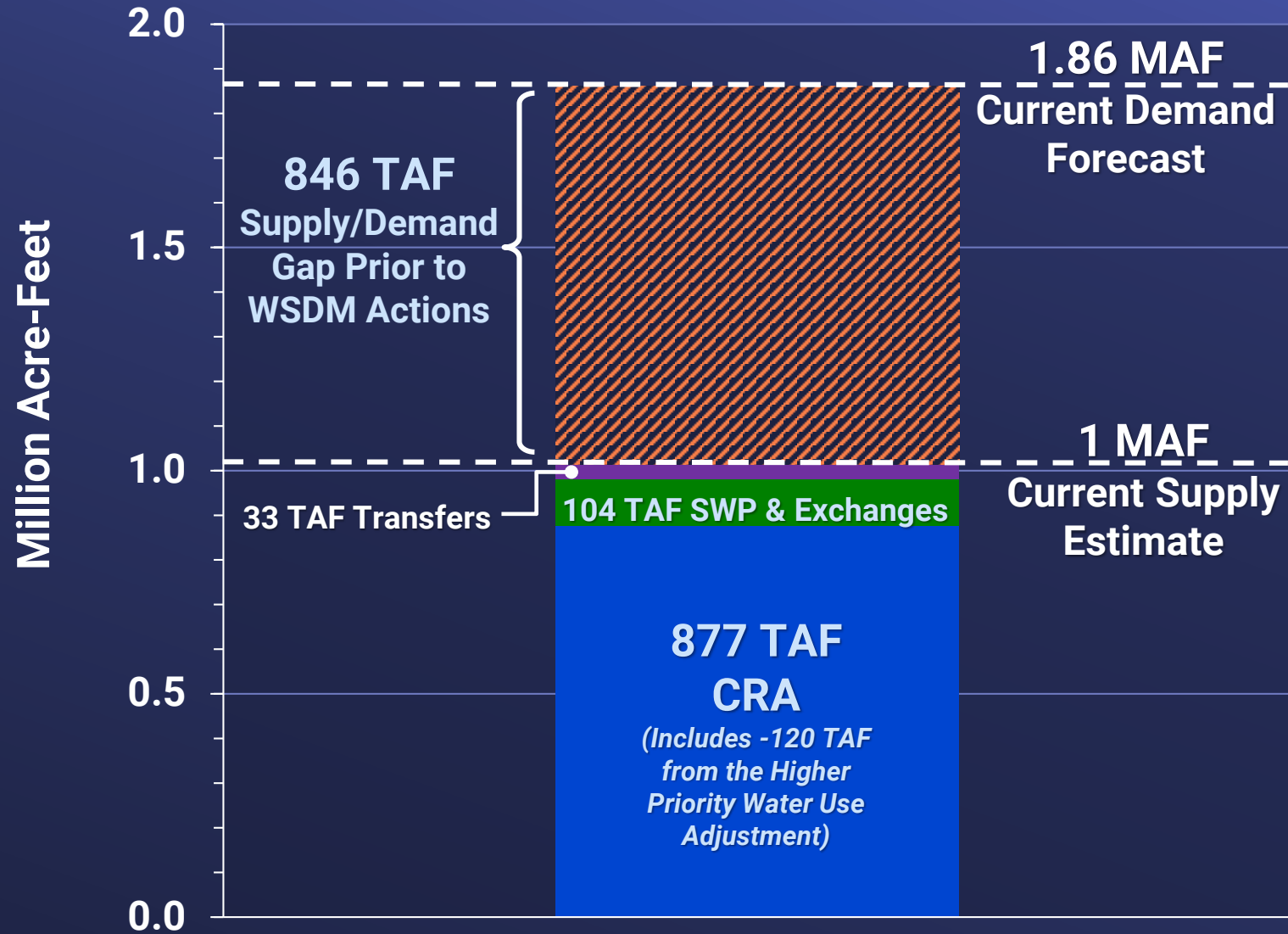
Upper Colorado River Basin

Below Normal Runoff Prevalent in the Last Two Decades

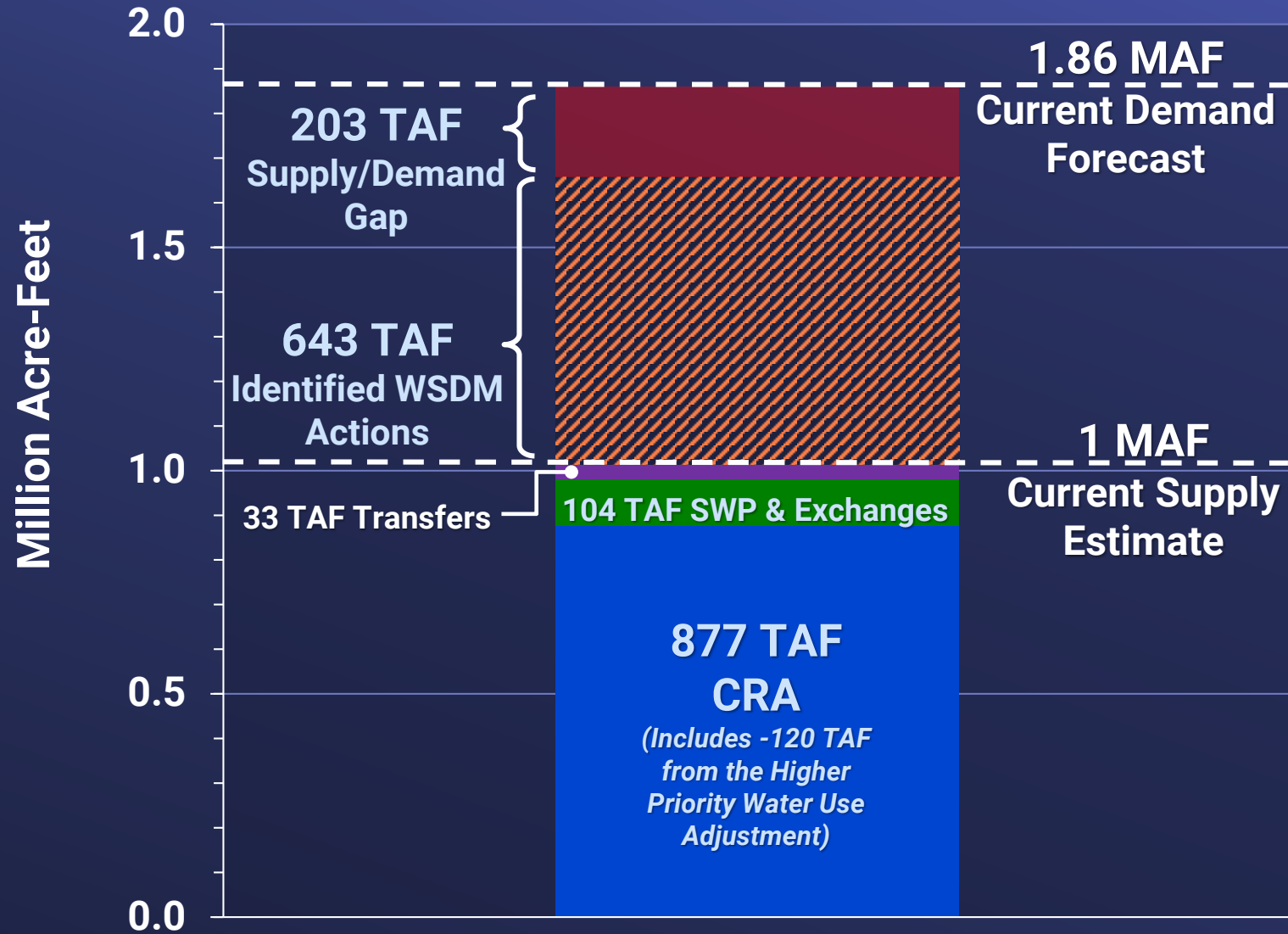
Annual Powell Unregulated Inflow



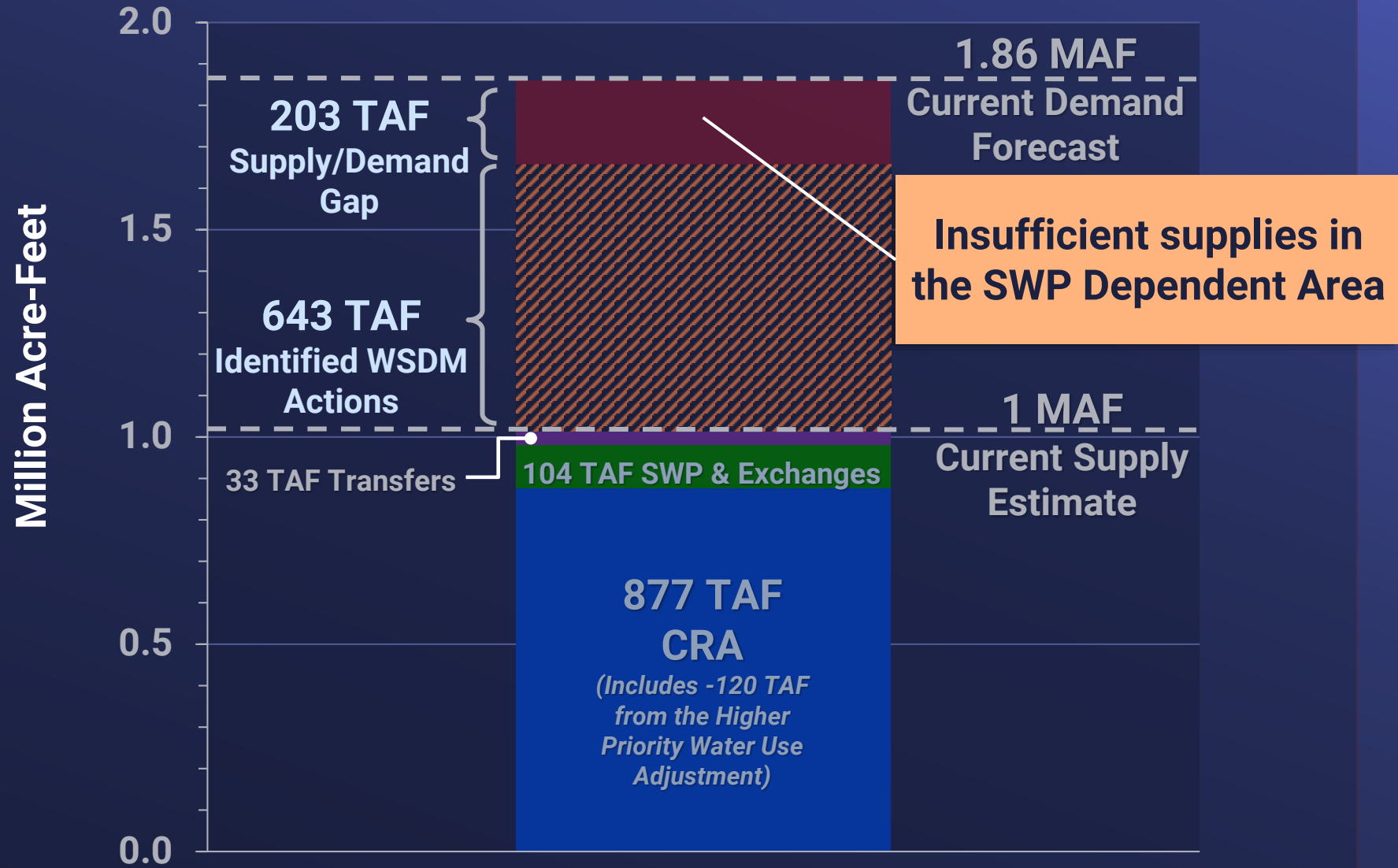
Regional Supply Demand Balance



Regional Supply Demand Balance



Regional Supply Demand Balance



Summary

- Combined runoff for the last 3 years is projected to be one of the lowest on record for both imported supply watersheds
- A majority of the supply/demand balance will be satisfied with WSDM actions like storage withdrawals
- There is not enough supply to meet normal demands for the Metropolitan's SWP Dependent Area
- Metropolitan's Board declared a Water Shortage Emergency Condition and approved an Emergency Water Conservation Program in April 2022

