



WATER TOMORROW
2020 Integrated Resources Plan

Preliminary Results for UWMP and IRP Scenarios

Member Agency Manager Meeting

November 13, 2020

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OVERVIEW

- UWMP Preliminary Results
- IRP Scenario Update
- Next steps

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UWMP RECENT ACTIVITY

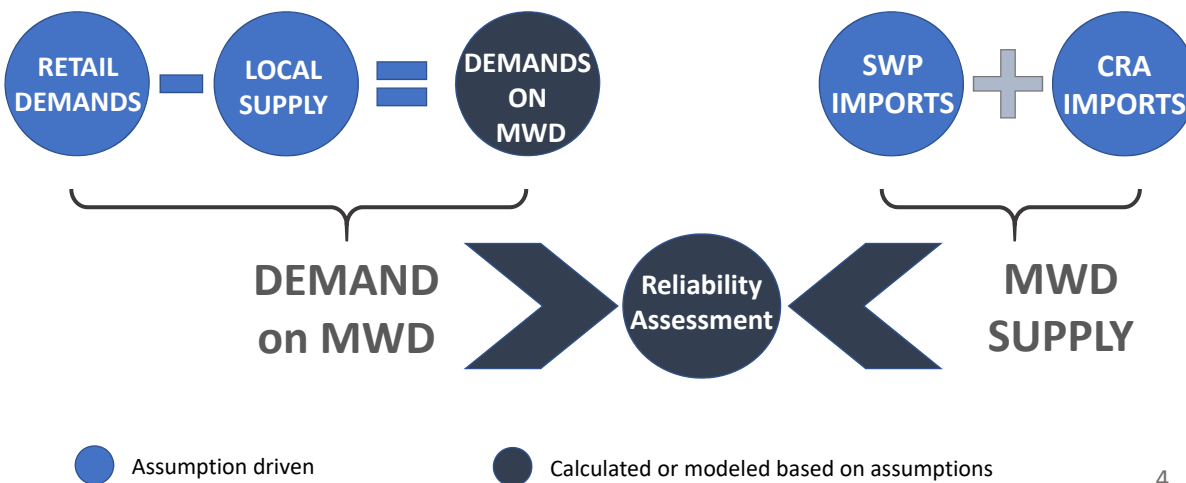
- Oct 8 – UWMP Tech Workshop No. 1
 - Approach, assumptions and schedule
- Oct 16 – Member Agency Input
 - Updated local supply information for UWMP

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PIECING TOGETHER THE RELIABILITY ASSESSMENT

“GAP ANALYSIS”

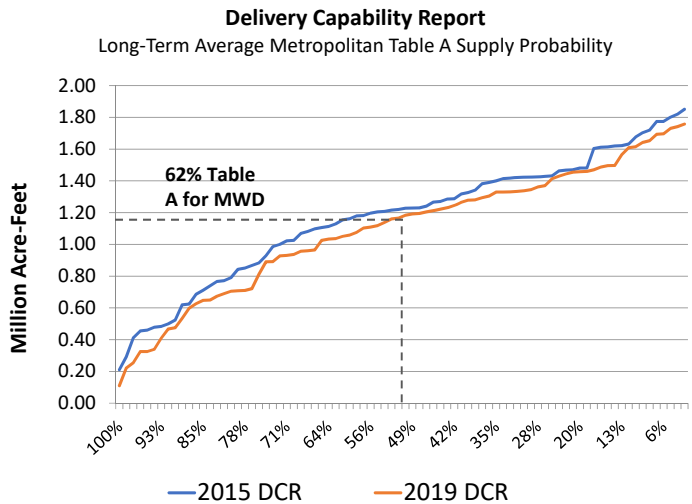


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UWMP ASSUMPTIONS AND PRELIMINARY RESULTS

UWMP Assumptions	
SWP Imports	2019 DWR Delivery Capability Report without Delta Conveyance
CRA Imports	Most recent USBR CRSS model run with continued Drought Contingency Plan through planning horizon
Retail Demands	<ul style="list-style-type: none"> • SCAG RTP-20/SANDAG Series 14* Demographics • MWD-EDM econometric model • Active Conservation as of FY2019/2020 • Code-Based Conservation from existing plumbing codes • Weather Effects 1922-2017
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Lower Basin – Lake Mead Percent of Traces with Event or System Condition Results from August 2020 CRSS using Full Hydrology

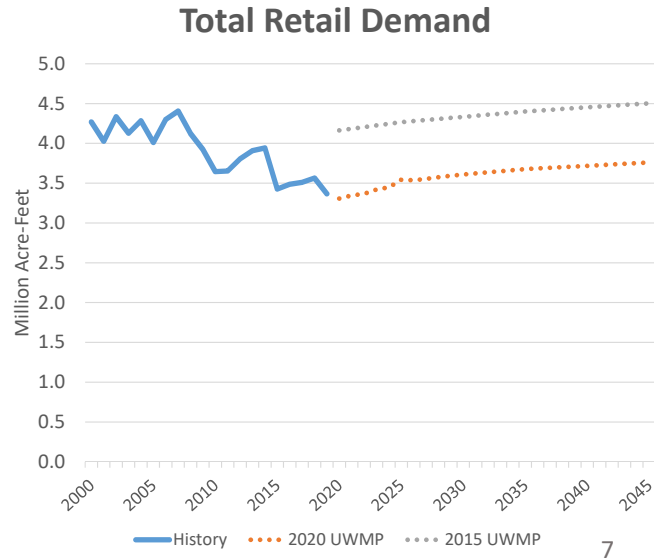
Event or System Condition	2021	2022	2023	2024	2025
Shortage Condition Mead < 1,075 ft.	0%	23%	44%	49%	53%

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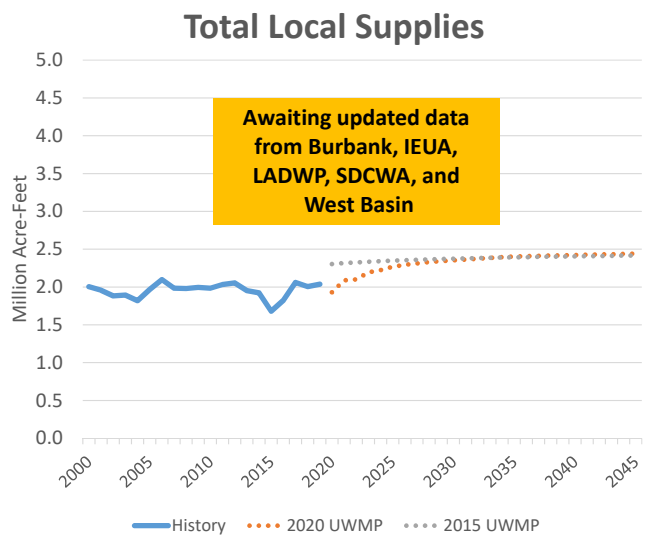
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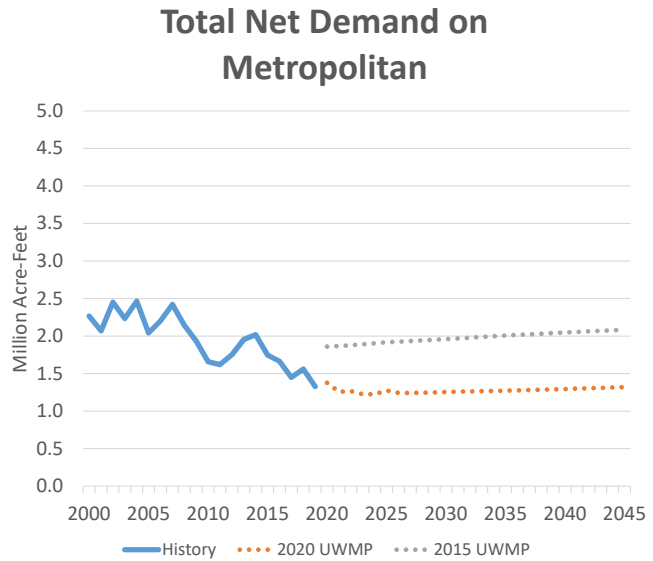
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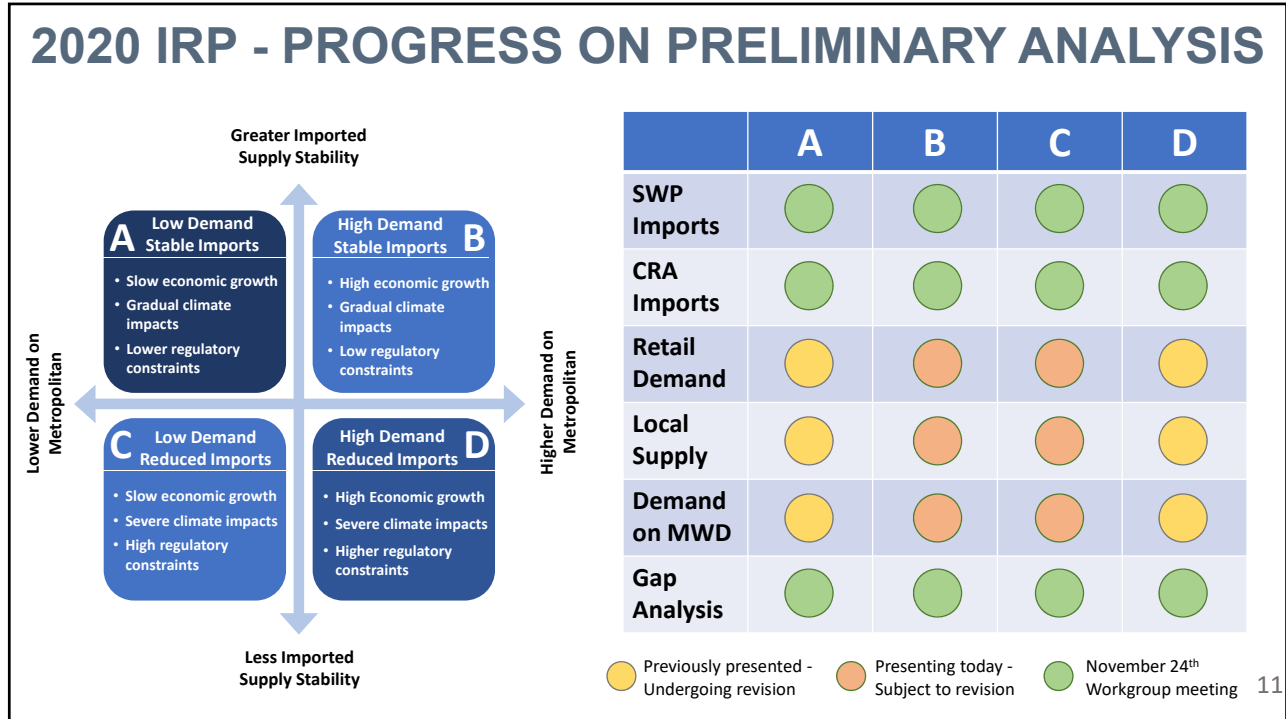
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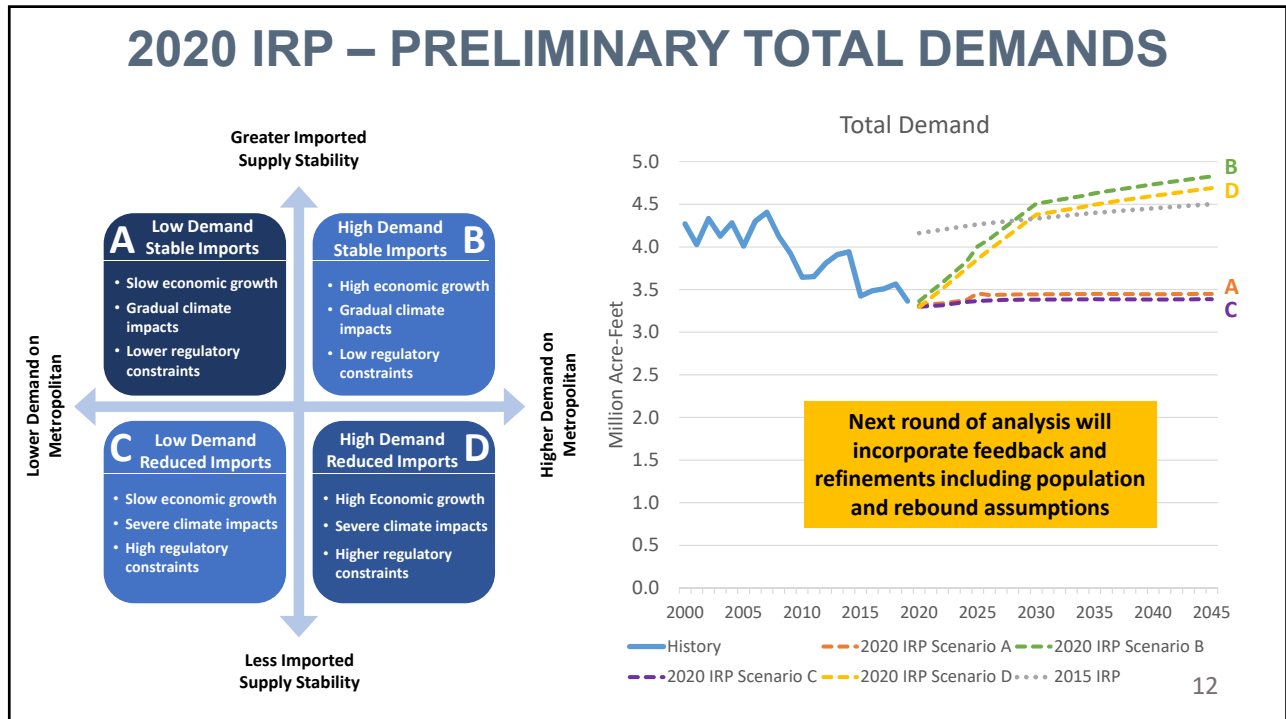


2020 IRP RECENT ACTIVITY

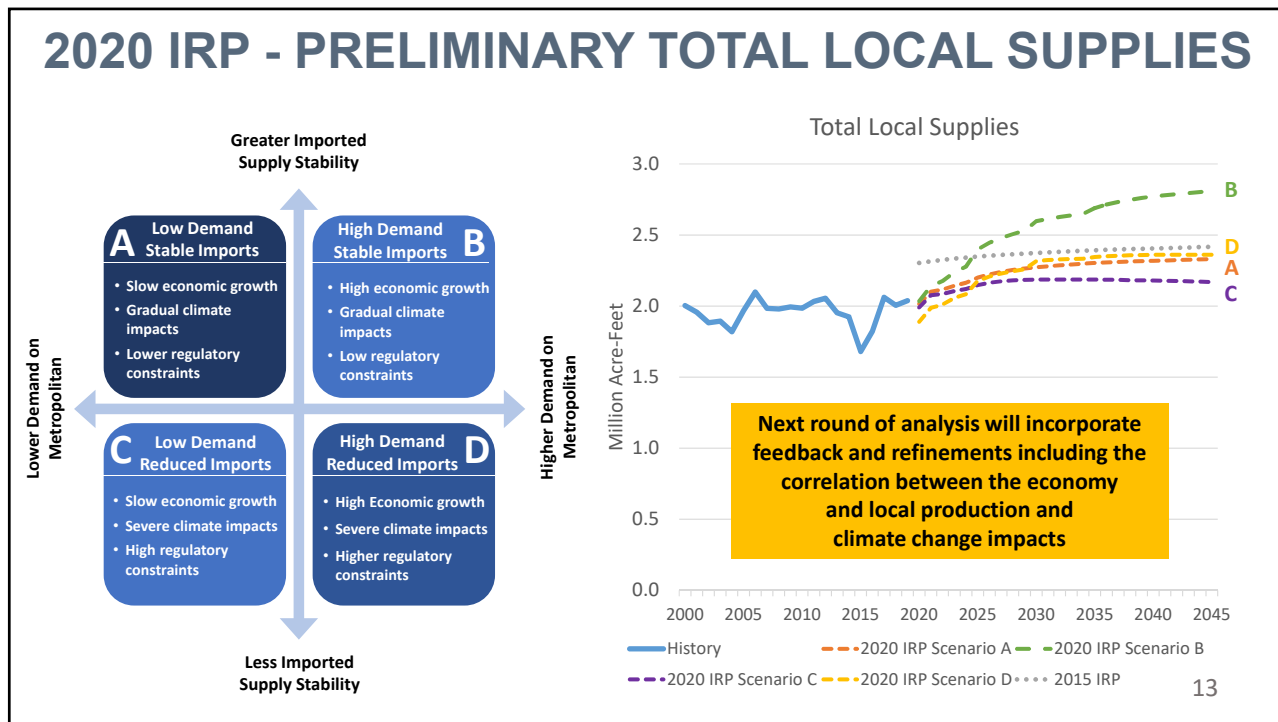
- Oct 14 –IRP Technical Workgroup
 - Assumptions and Initial results for scenarios A and D
- Oct 16 – Member Agency Managers Meeting
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- Oct 27 – IRP Special Committee Meeting
 - Draft Scenarios and Strawman Assumptions



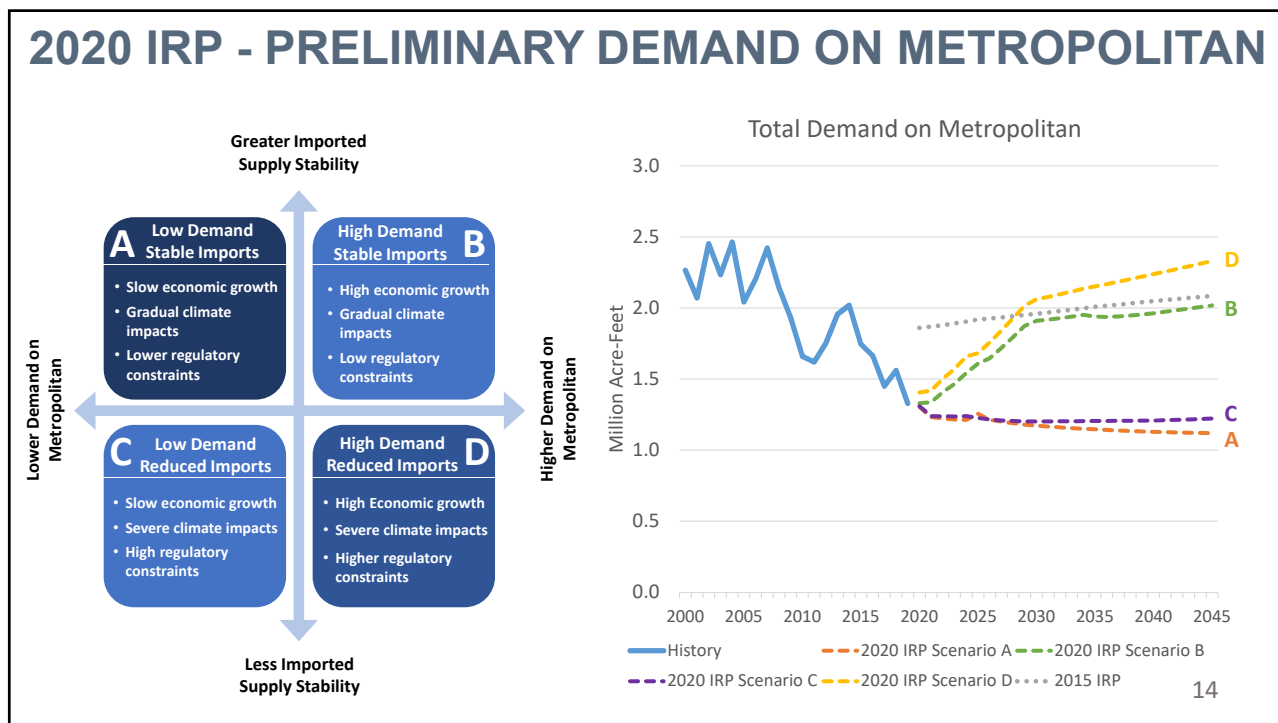
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FEEDBACK ON SCENARIOS “A” AND “D” TO BE INCORPORATED IN NEXT PHASE OF ANALYSIS

- **Local Supply**

- Re-examine correlation between economy and local supply production development
- Re-examine climate change and regulatory impacts on local production

- **Demands**

- Further investigate drivers for continued low demands in order to inform demand rebound assumptions

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WHAT'S NEXT

UWMP

- Conduct reliability assessment
- Finalize demographic numbers and demand forecasts for the three hydrologic conditions
- Schedule coordination meeting with member agencies for end of November

2020 IRP

- Prepare “gap analysis” for scenarios A, B, C and D based on preliminary assumptions
- Continue to refine scenario assumptions with Member Agency and experts in preparation of revised gap analysis

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WHAT'S NEXT CONT'D

- November 24: Member Agency Technical Workgroup Meeting
- December 15: IRP Special Committee Meeting

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