



# Integrated Resources Plan: Retrospective Review of the 2015 IRP

Integrated Resources Plan Special Committee

Item 6a

June 23, 2020

# Overview

- Summary of data
- Assessment of current reliability

# Summary of Data to be Reported

## 2015 IRP Comparison with Actuals

### ● Demographic Data

- Population
- Households
- Employment

### ● Weather Data

- Precipitation & Temperature
  - Los Angeles
  - San Diego
- Snowpack & Runoff
  - Southern Sierra
  - Northern Sierra
  - Upper Colorado River Basin

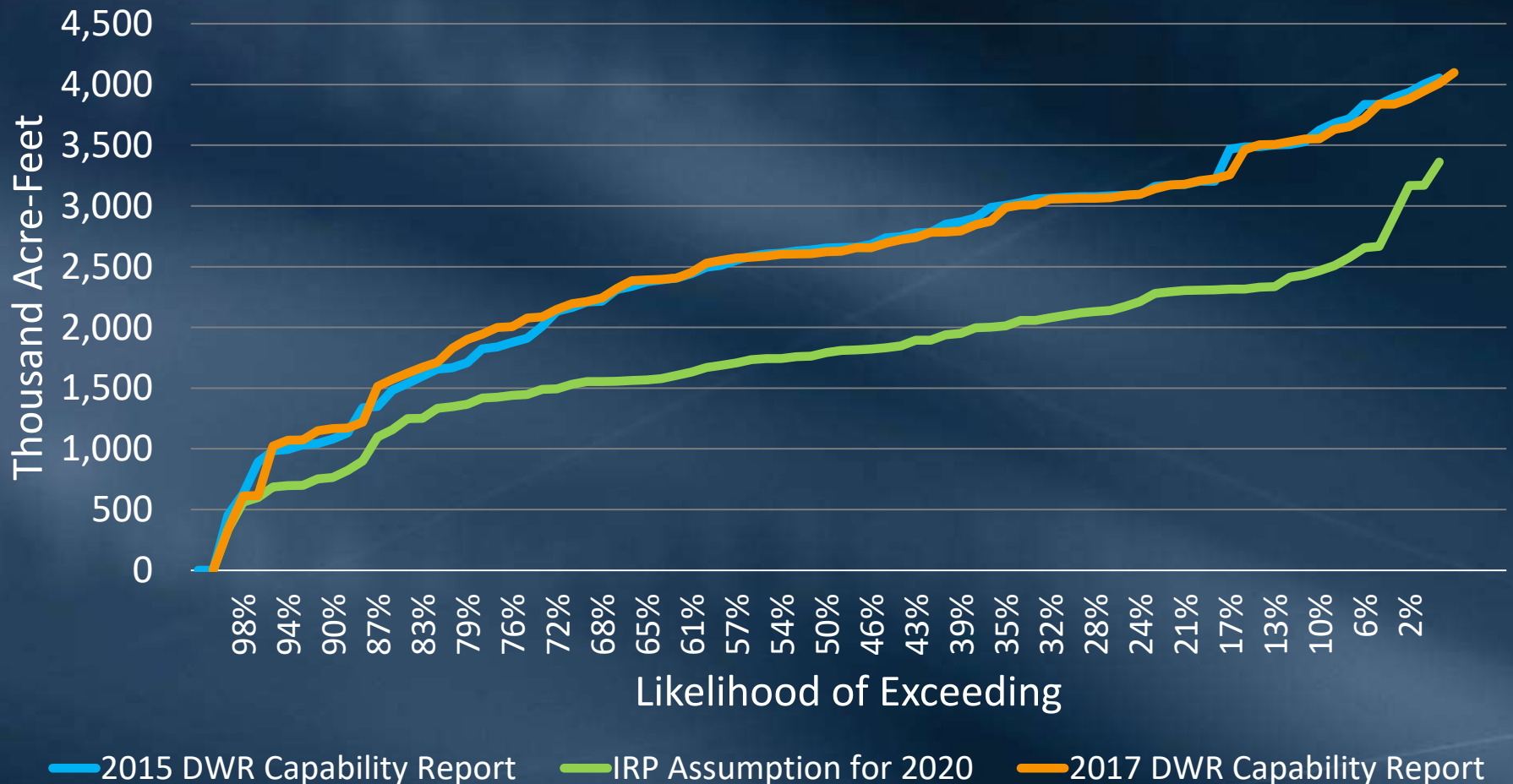
# Summary of Data to be Reported

## 2015 IRP Comparison with Actuals

- Retail Demand
  - M&I
  - Agriculture
  - Seawater Barrier
  - Replenishment
- MWD Demand
  - Consumptive Use
  - Seawater Barrier
  - Replenishment
- Supply
  - Groundwater
  - Surface Water
  - Los Angeles Aqueduct
  - Seawater Desalination
  - Groundwater Recovery
  - Recycled Water
- Water Use Efficiency
- Imported Supply

# State Water Project Reliability

## Total Project Table A



# State Water Project Supply

## Capability Report vs. Actual

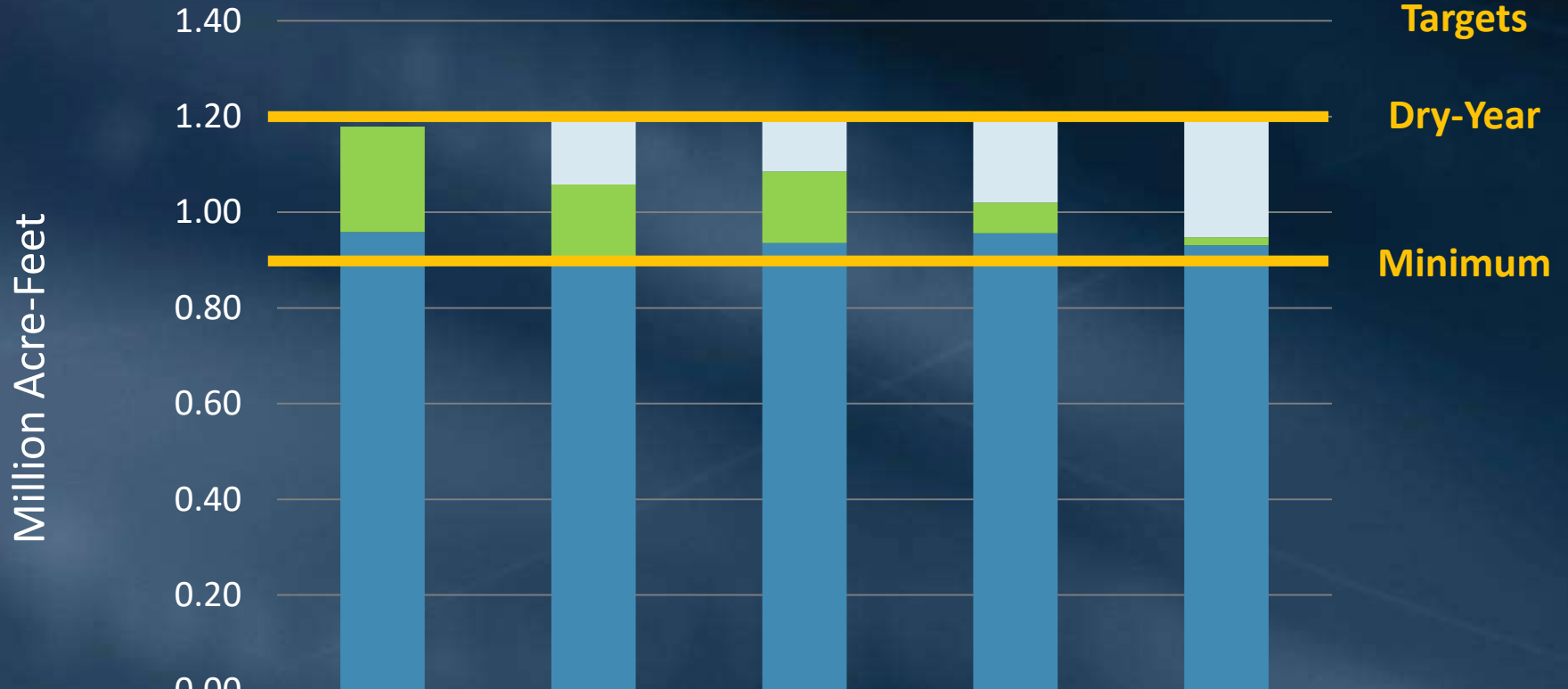
Table A Allocation



	2015	2016	2017	2018	2019	2020
Actual Table A Allocation	20%	60%	85%	35%	75%	20%
DWR Average Supply Capability	62%		62%		59% <i>DRAFT</i>	

# Colorado River Aqueduct Supply

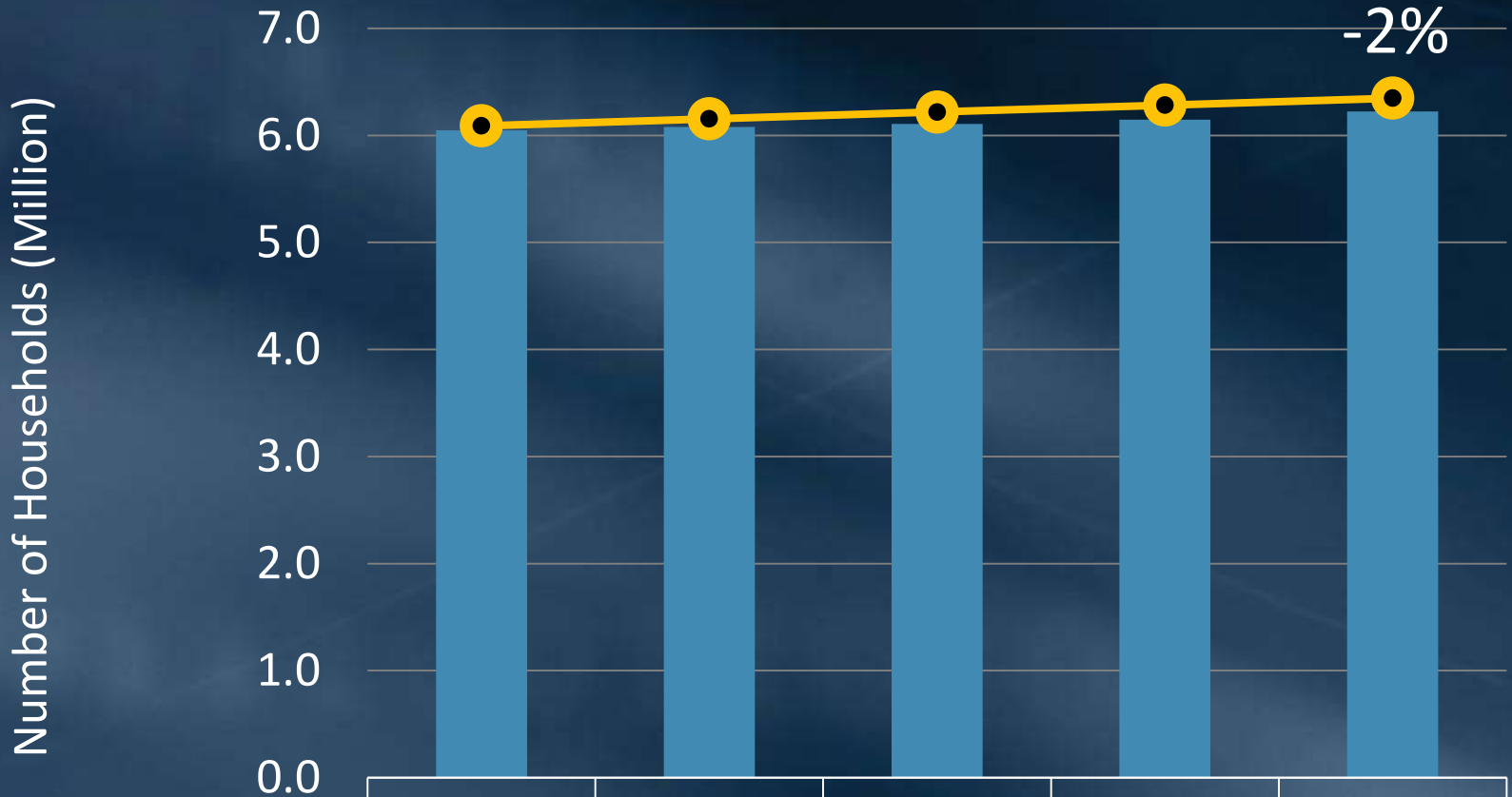
## 2015 IRP Forecast vs. Actuals



AF (1000s)	2015	2016	2017	2018	2019
Available Flexible	0	142	115	180	252
Flexible Supply	221	150	149	64	17
Core Supplies	958	908	936	956	931

# Households

## 2015 IRP Forecast vs. Actual



■ DOF Annual Estimate	2015	2016	2017	2018	2019
● 2015 IRP Forecast	6.05	6.08	6.11	6.15	6.22
	6.09	6.15	6.22	6.28	6.35



# Employment

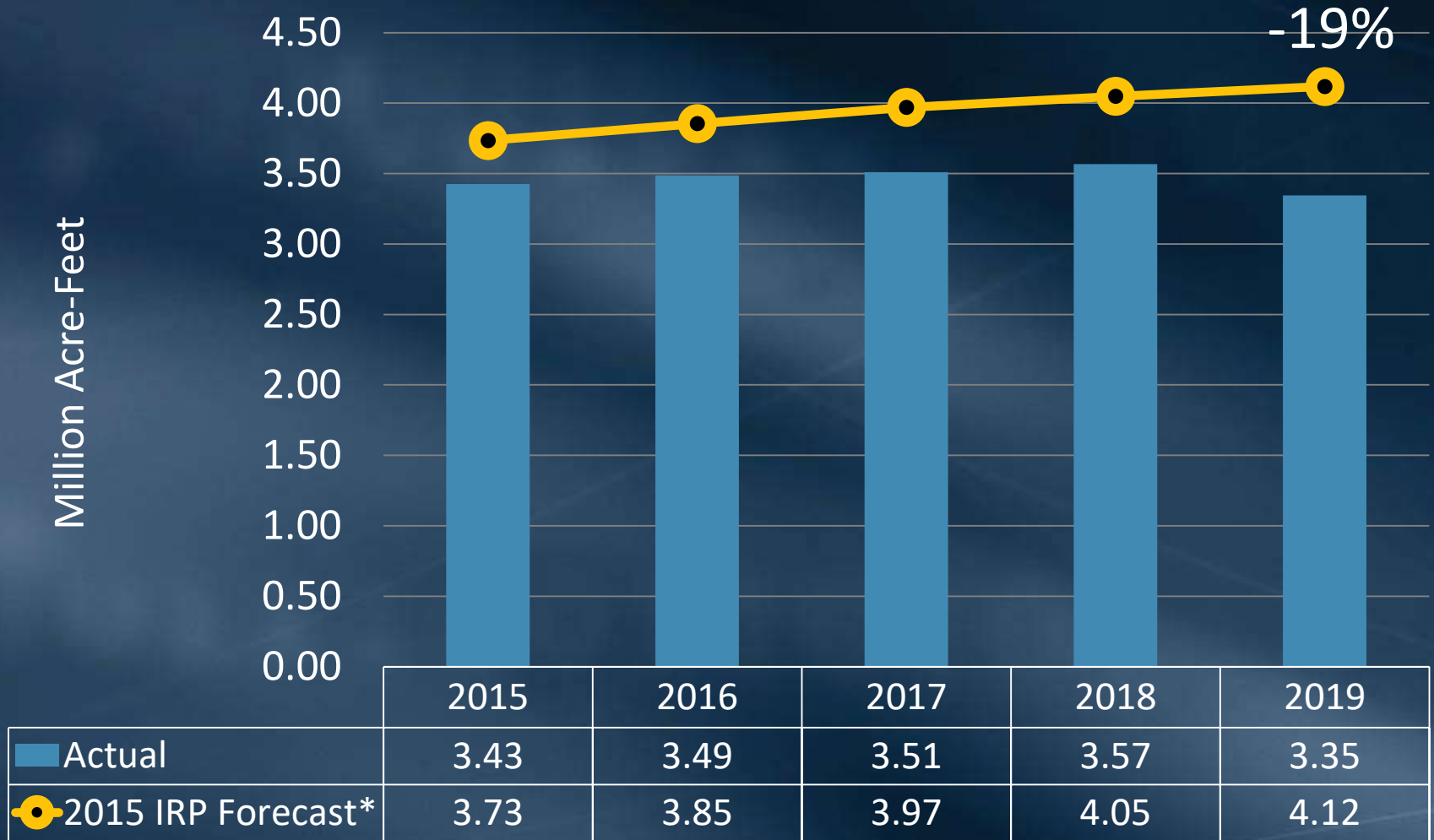
## 2015 IRP Forecast vs. Actual



EDD Annual Estimate	8.57	8.81	8.96	9.12	9.23
2015 IRP Forecast	8.21	8.28	8.34	8.41	8.47

# Total Retail Demand

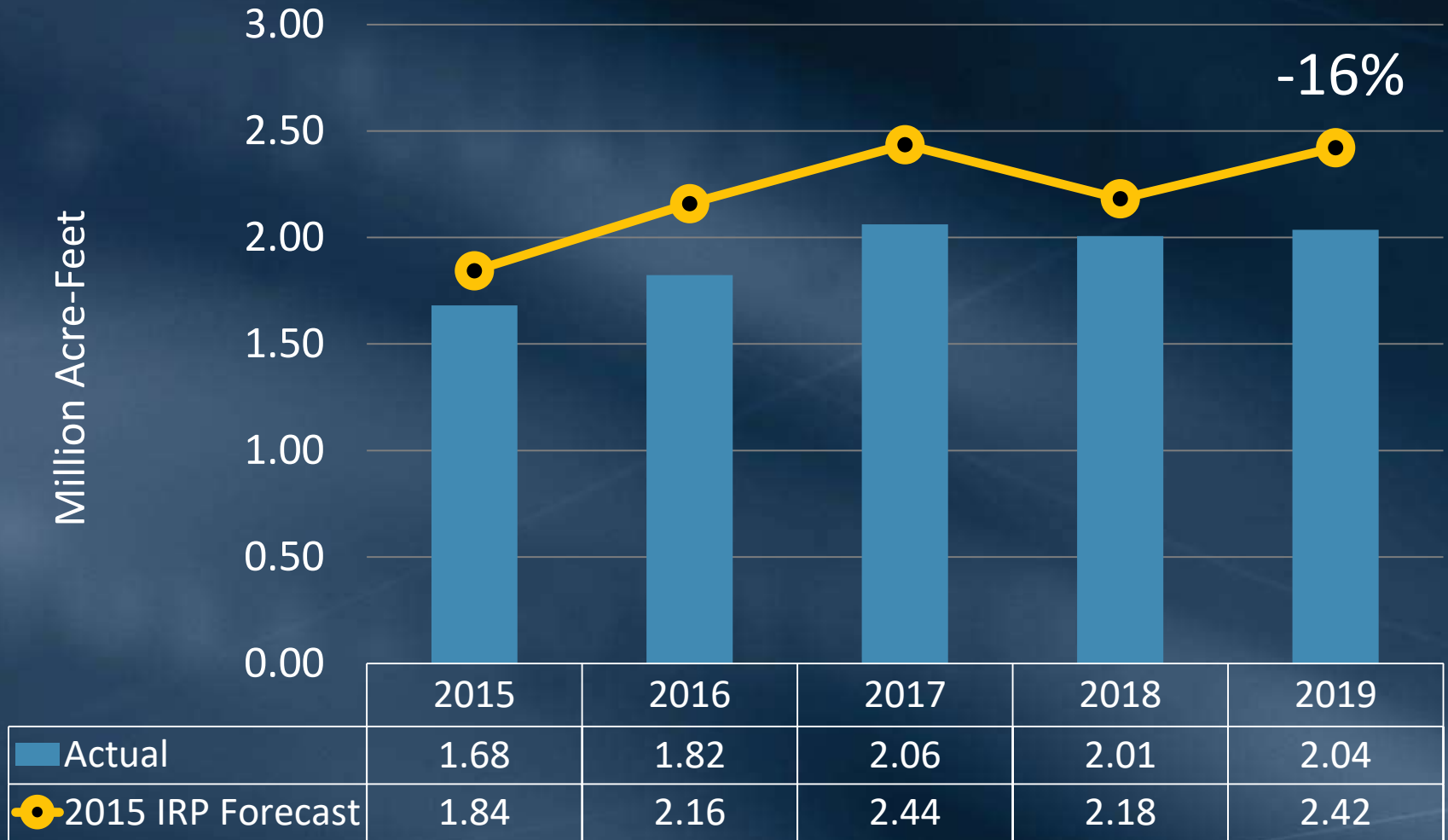
## 2015 IRP Forecast vs. Actual



\* Adjusted for hydrologic conditions

# Total Local Supply

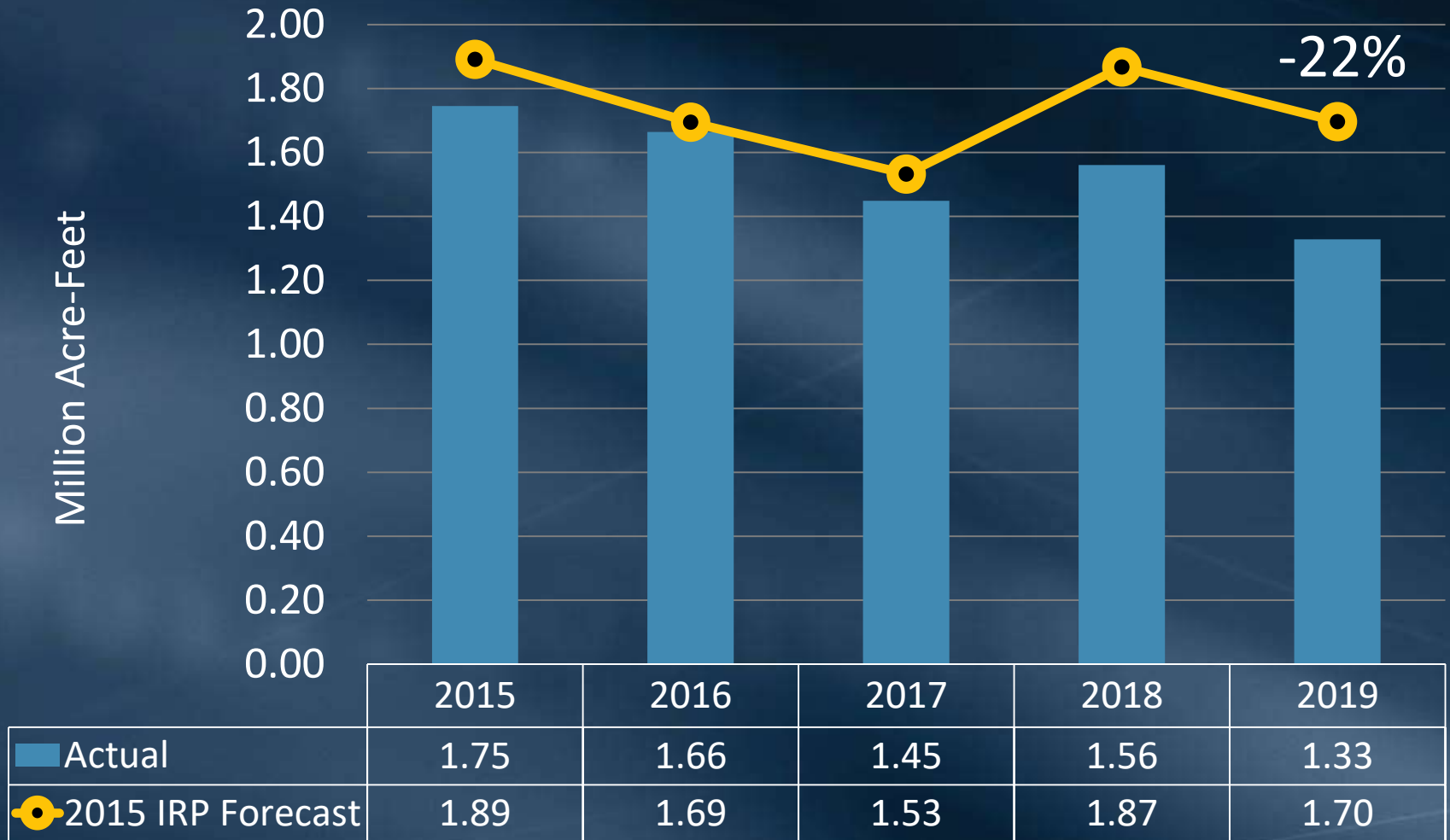
## 2015 IRP Forecast vs. Actual



\* Adjusted for hydrologic conditions

# Total Demand on Metropolitan

## 2015 IRP Forecast vs. Actual



\* Adjusted for hydrologic conditions

# Per Capita Use

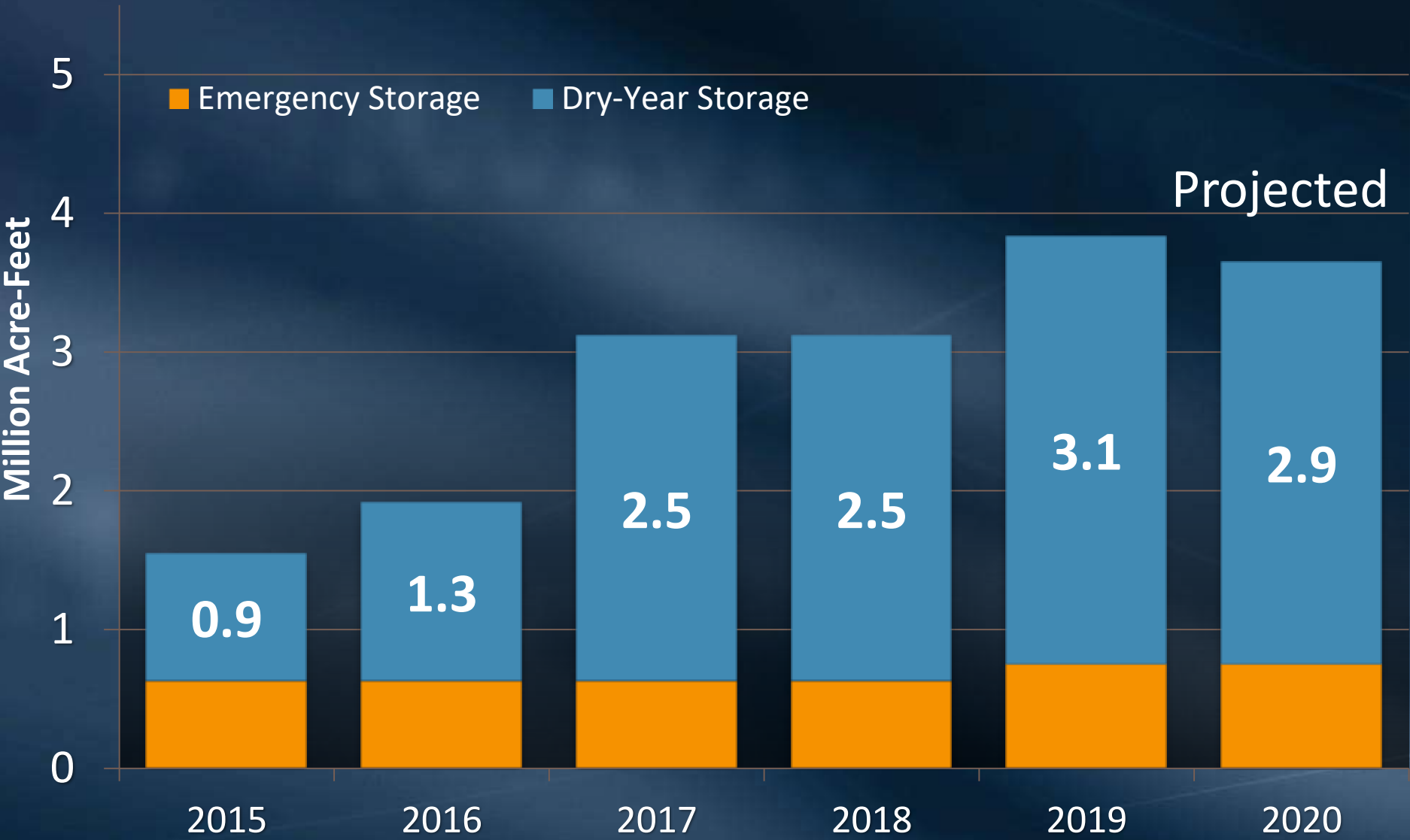
## Potable Per Capita Use\*



\* Consistent with SBx7-7 potable use.

# Metropolitan Storage Balances

## End of Year Balances



# Summary

- The IRP goal: Reliability
- Measure of reliability: Available water supply to satisfy demand on Metropolitan
- Metropolitan is currently reliable with ample supply available to meet demands

# Next Steps

- Review Retrospective Report with Member Agencies
- File Report with Board



