
Identifies and aligns resources, needs, and opportunities for the region
2003 QSA
2007 BiOps
Recession & Drought

1987-1992 Drought

IRP Informs Other Plans and Policies

Budget & Rates

Long-Term Conservation Plan

Area Studies

IRP

Local Resources Program

Urban Water Mgmt Plan
The IRP Changed Southern California’s Supply Mix

1990

- Colorado (26%)
- State WP (33%)
- Local Supply and Conservation (41%)

2040

- Colorado (15%)
- State WP (20%)
- Local Supply and Conservation (65%)
Storage Provided Regional Benefit

- Storage Capacity
- Dry-Year Storage
- Emergency Storage

Million Acre-Feet

Year:
- 1980
- 1982
- 1984
- 1986
- 1988
- 1990
- 1992
- 1994
- 1996
- 1998
- 2000
- 2002
- 2004
- 2006
- 2008
- 2010
- 2012
- 2014
- 2016
- 2018
- 2019
IRP Will Address Alternative Futures

Backdrop to all prior IRP’s

A plausible scenario

Projected Additional Regional Need

Projected Supply Exceeding Demand

For illustrative purposes only
Living with Uncertainty Has NOT Changed

- Groundwater Contamination
- Environmental Regulations
- Climate Change
- Aging Infrastructure
- Low Demands
- Seismic Risk
- Climate Change
How is Scenario Planning Different?

**FORECAST PLANNING**
Extrapolating from the Recent Past

- Forecast
- Hot & dry
- Cold & wet
- What we know today

**SCENARIO PLANNING**
Envisioning Multiple Futures

- Scenario 1
- Scenario 2
- Scenario 3
- Uncertainties
- Climate change
- Legislation/regulation
- Local supplies
- Demographics

- What we know today
Building and Analyzing Scenarios

The Cone of Uncertainty

Multiple Futures

Population

Local Supplies

WUCA
Embedded Policy Discussions

- Narratives describing plausible futures
- Capture Stakeholder Concerns
- Adapt to changing conditions
- A plan for a wide range of uncertainties
Planning Efforts are Interrelated

- Integrated Resources Plan
- Water Supply Reliability
- System Resilience
- Fiscal Integrity
- Budget & Rates
- System Flexibility Study