



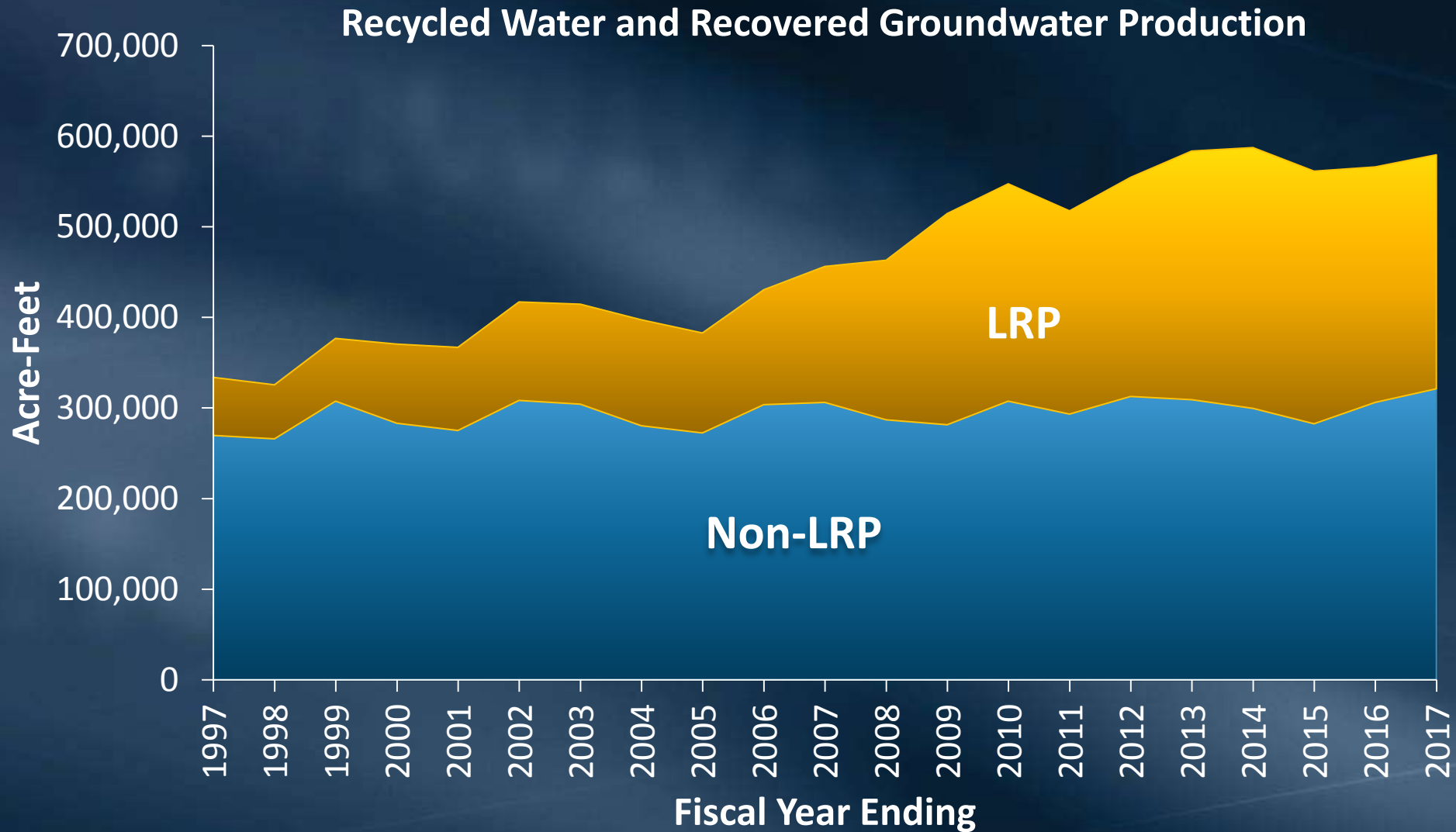
# Discussion on IRP Policy Principles for Conservation and Local Resources Development

Conservation and Local Resources Committee

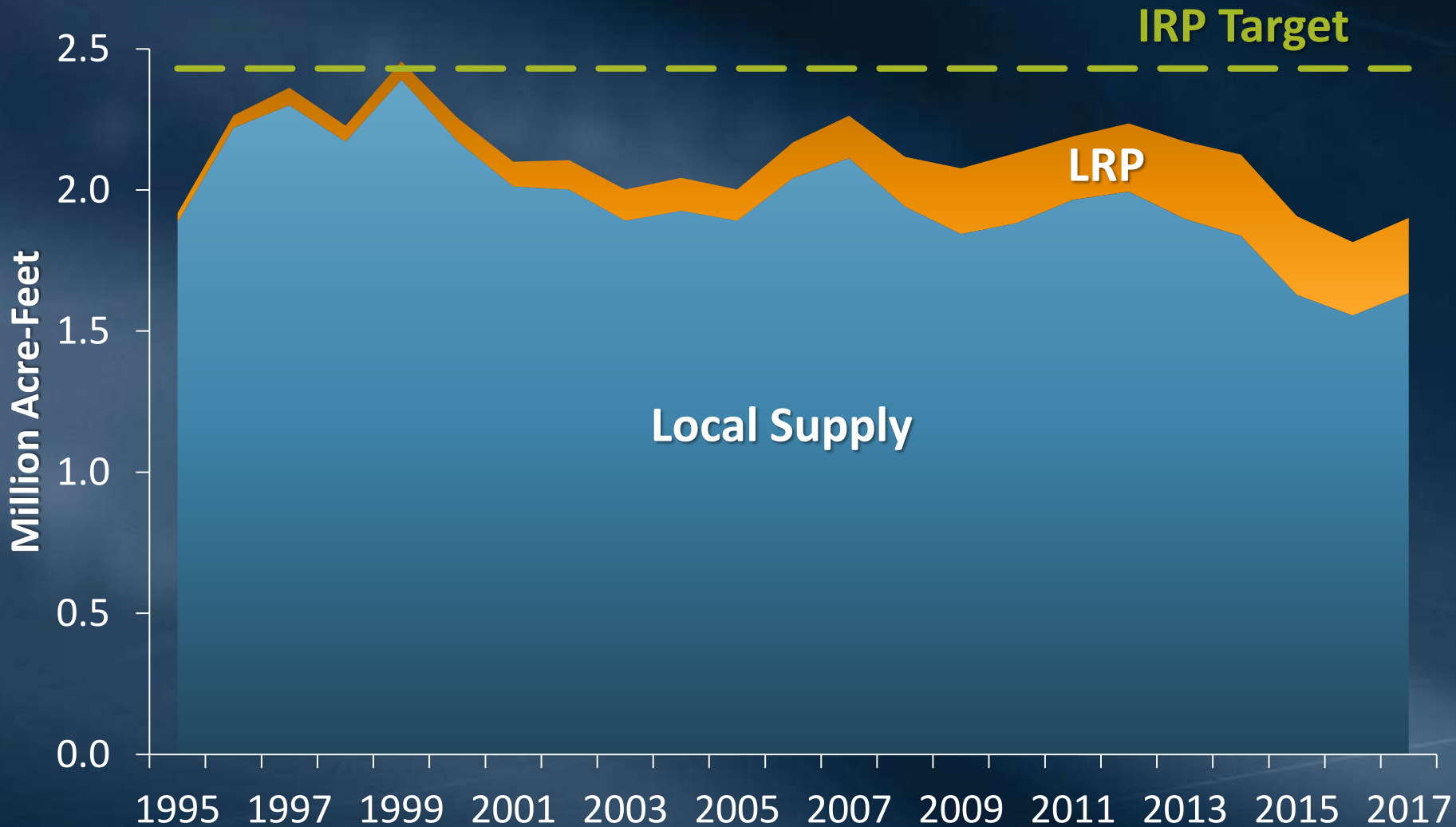
Item 4c

December 12, 2017

# LRP Doubled Local Production



# 2015 IRP Target Local Supply Shortfall



\*Based on best available data

# 2015 IRP Local Supply Targets

Potential Local Supplies In Support of IRP Target (acre-feet)						
	2016	2020	2025	2030	2035	2040
Groundwater Production	1,277,000	1,290,000	1,288,000	1,288,000	1,288,000	1,289,000
Surface Production	105,000	110,000	110,000	110,000	110,000	110,000
Los Angeles Aqueduct	243,000	261,000	264,000	264,000	266,000	268,000
Seawater Desalination	51,000	51,000	51,000	51,000	51,000	51,000
Groundwater Recovery	125,000	143,000	157,000	163,000	165,000	167,000
Recycling	387,000	436,000	466,000	486,000	499,000	509,000
Other Non-Metropolitan Imports	13,000	13,000	13,000	13,000	13,000	13,000
Additional New Local Supply	0	3,000	8,000	12,000	16,000	20,000
<b>Total IRP Target</b>	<b>2,199,000</b>	<b>2,307,000</b>	<b>2,356,000</b>	<b>2,386,000</b>	<b>2,408,000</b>	<b>2,426,000</b>

# 2015 IRP Conservation Targets

	2016	2020	2025	2030	2035	2040
Code-Based & Past Active	821,000	841,000	869,000	896,000	913,000	941,000
Price-Effect	205,000	215,000	258,000	304,000	350,000	398,000
<b>Subtotal</b>	<b>1,026,000</b>	<b>1,056,000</b>	<b>1,127,000</b>	<b>1,200,000</b>	<b>1,263,000</b>	<b>1,339,000</b>
<b>New Program Savings</b>	<b>8,000</b>	<b>40,000</b>	<b>70,000</b>	<b>110,000</b>	<b>140,000</b>	<b>180,000</b>
<b>Total Target</b>	<b>1,034,000</b>	<b>1,096,000</b>	<b>1,197,000</b>	<b>1,310,000</b>	<b>1,403,000</b>	<b>1,519,000</b>

## Influencing Factors

- Per capita water use
- Demographics
- Economy
- Water sales

## New Program Savings

- Active conservation programs
- Outdoor water use focus

# Adopted IRP Policy Principles

1. Metropolitan should take an active role in identifying and evaluating local resource and conservation opportunities within its service area

# Adopted IRP Policy Principles

2. Metropolitan should have multiple approaches and avenues available for developing and implementing local resources and conservation in cooperation with local agencies and entities

# Adopted IRP Policy Principles

3. Metropolitan should evaluate the feasibility and effectiveness of direct investment and development of regionally beneficial local resources and conservation where appropriate



# Adopted IRP Policy Principles

4. Metropolitan should include the consideration of sustaining and/or recovering production from existing projects and programs in its approaches to developing local resources and conservation

# Adopted IRP Policy Principles

5. Evaluations of regional investments in local resources and conservation should, at a minimum, include consideration of:

- Type and source of water supply
- Measurable water supply yield or demand reduction
- Impacts, positive or negative, to Metropolitan system redundancy or emergency risk
- Impacts, positive or negative, to existing Metropolitan system investments and developed system capacity
- Total cost elements
- Metropolitan financial exposure and revenue recovery

# Adopted IRP Policy Principles

6. Metropolitan's operational and administrative policies should not adversely impact regional efforts to develop local resources and conservation

# Adopted IRP Policy Principles

7. State and federal mandates should be a consideration but not a bar to Metropolitan's participation in local resource and conservation development provided that the effect of the mandate is consistent with regional IRP targets

# Summary

- IRP Policy Principles were adopted to guide the continued development of regional involvement in local resources and conservation
- The IRP recognizes that successfully reaching long-term goals requires maintaining and increasing the region's base of local resources and conservation
- Staff will continue to receive input and recommend process and program improvements in the areas of local resource development and conservation

