



# Conservation Partnerships with Energy Utilities

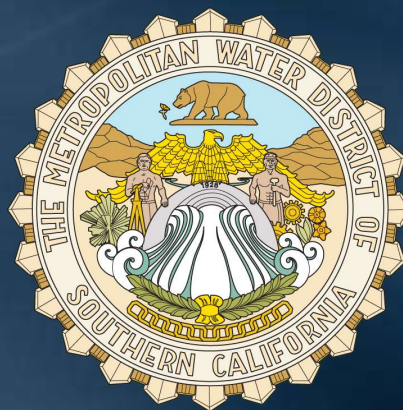
Conservation and Local Resources

Item 4b

October 8, 2019

# Energy Utility Partnerships

- Collaboration between Metropolitan and Regional Utilities for water and energy efficiency



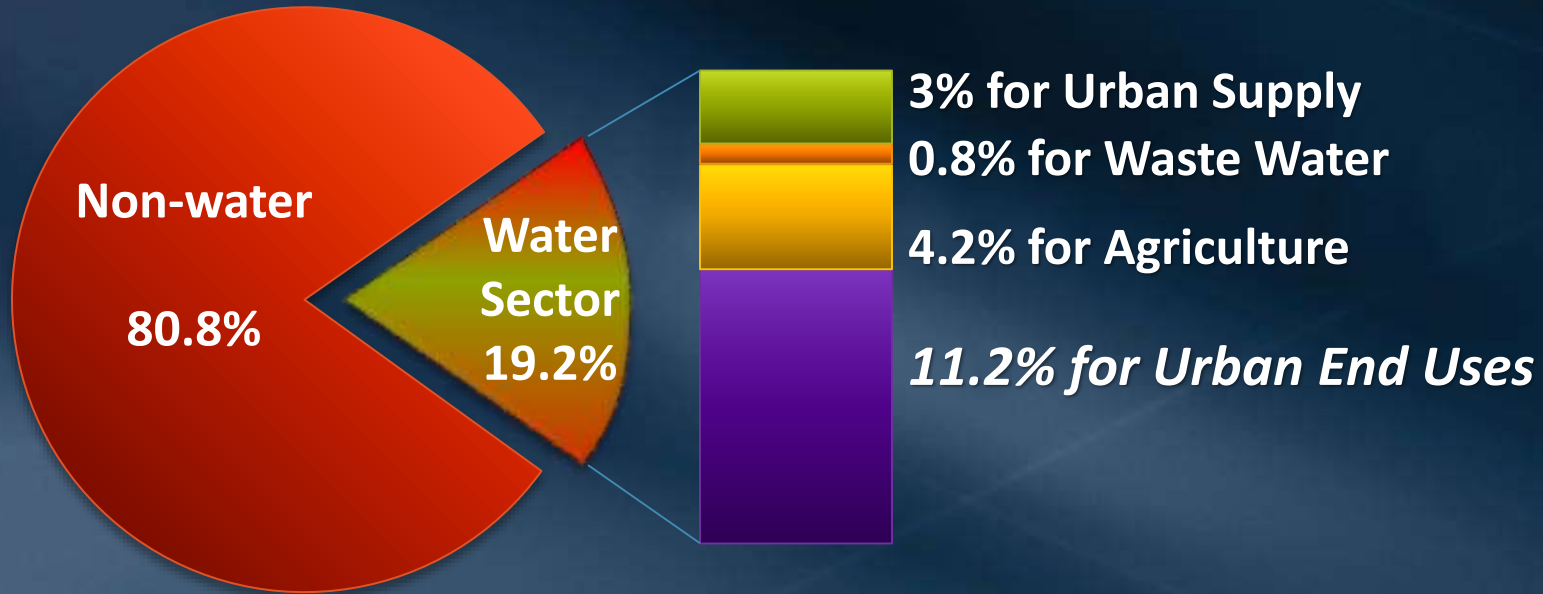
# California Energy Commission

## California's Water – Energy Relationship (2005)

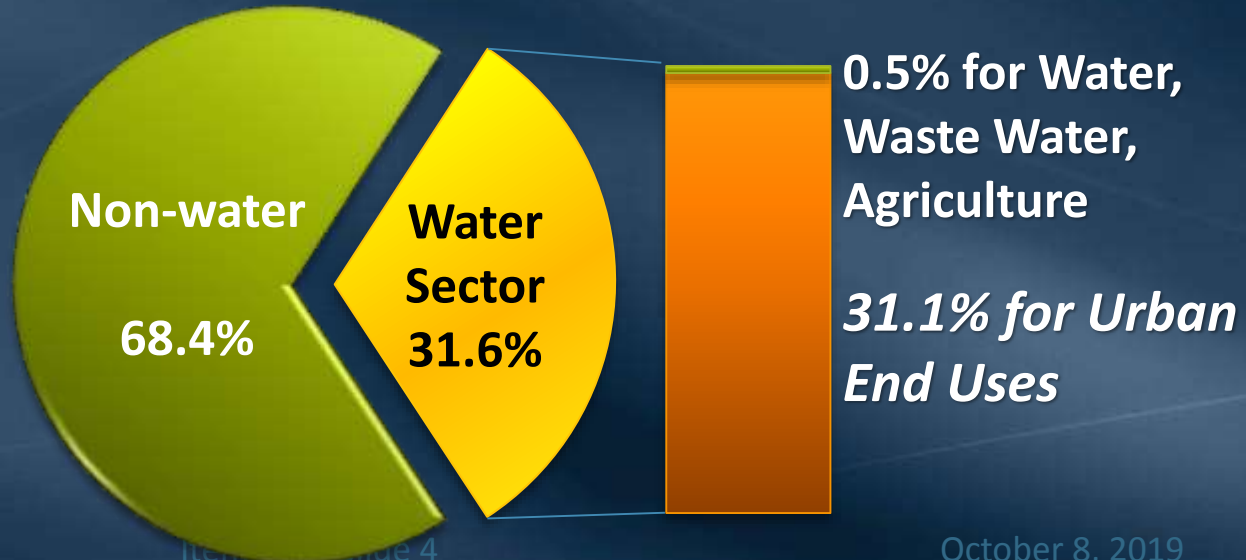
- **Significant energy benefits can be reaped through the efficient use of water**
- **Not enough has been done to ensure that water supply strategies are synchronized with energy strategies.**
- **More effort to forge partnerships between water and energy sectors**
- **Effectively leverage synergies, resources, and assets for the benefit of all Californians**

# Water Sector Use: Electricity & Natural Gas

Electricity | CA Total: 250,454 Gigawatt Hours (2001)



**Natural Gas**  
CA Non-Power Total:  
13,571 Million  
Thermal Units  
(Therms) (2001)





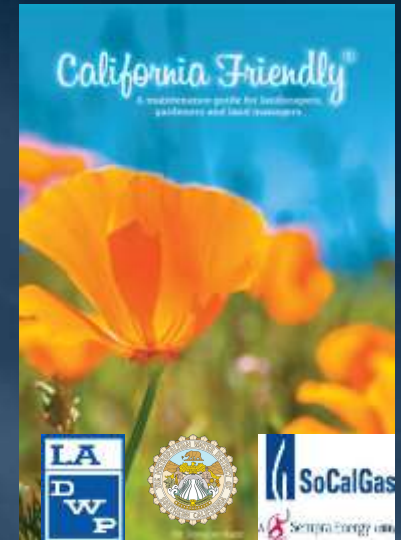
# Metropolitan and Southern California Gas Company



# Water-Energy Nexus

## Metropolitan and SoCal Gas MOU

- **MOU executed December 2014**
  - Amendment to extend another 5 years
- **Executed Program Orders**
  - High Efficiency Clothes Washer (HECW) Program
  - Innovative Conservation Program funding
  - California Friendly landscaping classes & training handbook
  - Commercial Restaurant Retrofit Program
  - On-premise ozone laundry
  - Multi-family vended washers



# HECW Program

- CPUC-approved Energy Savings Assistance Program (ESAP)

# of units installed (since April 2015): 13,802



Estimated water savings:  
6,338 AF





# Metropolitan and Southern California Edison





# Southern California Edison MOU

- MOU executed May 2018
- Executed first PO Sep 2019
  - Mid-stream Food Service equipment



**Food Steamers**



**Ice Machines**

# Water-Energy Nexus

## Southern California Gas Company

- **Motivation for collaboration with water utilities**
  - Integrate SoCalGas portfolio of programs/services internally and externally to better serve customers
  - Create a one-stop gas, electric & water efficiency point-of-service for customers
- **Benefits & Goals**
  - Improve program participation
  - Simplify process, increase customer satisfaction
  - Reduce program costs



# Water-Energy Nexus

## Southern California Gas Company (cont'd)

- **Future opportunities**

- High Efficiency Clothes Washers Rebate Administration
- Leverage more of SoCalGas' Direct Install Programs (e.g. hot water fixtures, HE toilets)
- Food Service collaboration (marketing and rebate opportunities)

# Water-Energy Nexus

## Southern California Edison

- Motivation for collaboration with water utilities
- Benefits & goals
- Future opportunities



# Water & Energy Pathways - Programs

## Metropolitan Water District

- **2019 Agreement to Align Conservation & Efficiency Efforts**
- **Midstream Approach**
- **Emerging Technologies**

# Joint Food Service Rebates

*Partnership will offer combined rebates*

Metropolitan will utilize SCE's Midstream Point of Purchase Food Service program

- Single pathway to delivery water rebate with the electric rebate
- Offering is a combined rebate at the point of purchase
- Program Channel will be through Distributors
- Eligible Ice Machines (\$1,000) and Connectionless Food Steamers (\$485)
- Combined rebates may cover up to 60% of product cost
- ***Planned to launch October 2019***

# Water & Energy Emerging Technologies

## Emerging Technology

- Cooling Towers Projects
- Energy Monitoring
- Water-Energy Tools

## Flexible Demand Strategies

## Demonstration Labs & Exhibits

# Next Steps

- Evaluate existing programs
- Continue to explore new collaboration programs with energy utilities



