

# CA H<sub>2</sub>Open

UC Davis Center for Water-Energy Efficiency

Interactive web application to show:

- Drought, urban water conservation reporting
- Associated reductions in energy and greenhouse gas emissions
- Comparison to IOU Energy Efficiency Programs
- Common water quality and stormwater violations by utility district

Statewide Water utility

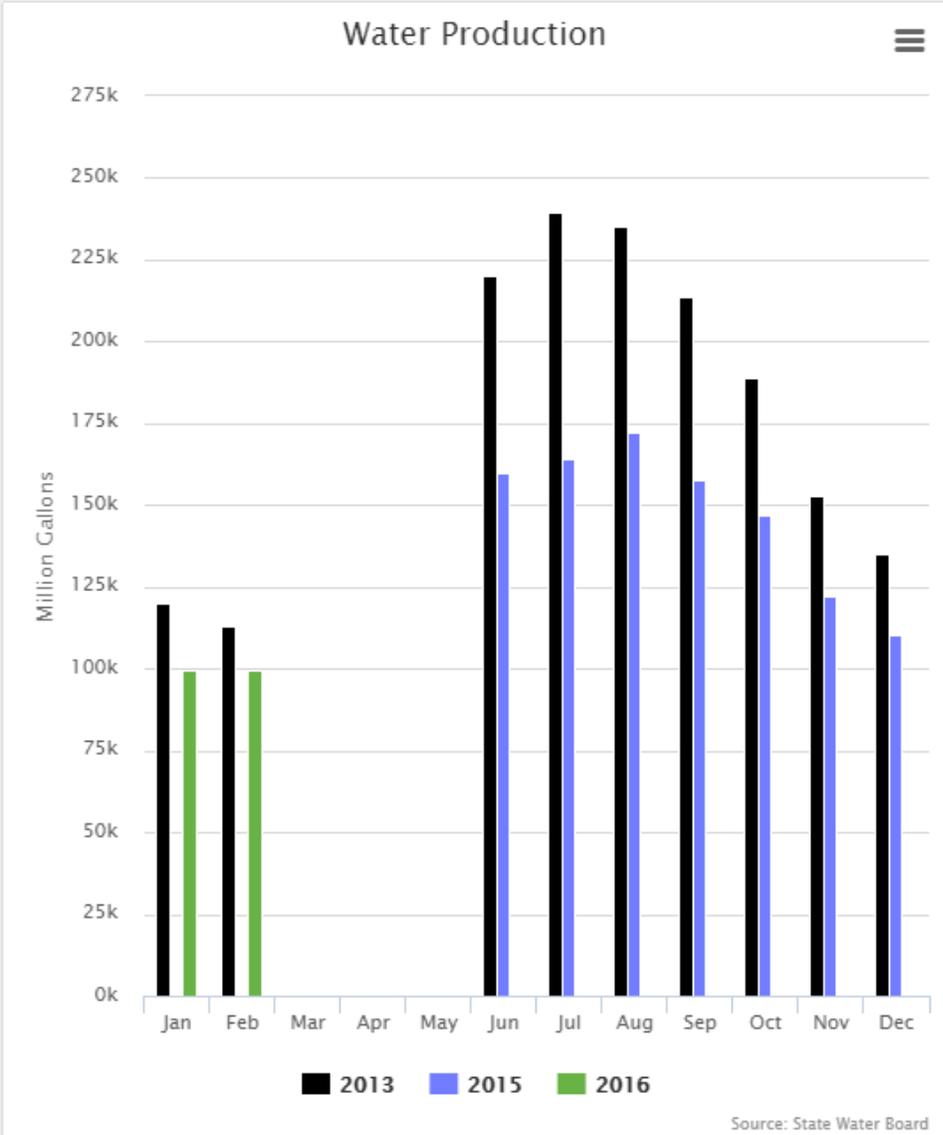


**23.9% (goal: 25%)**  
Water Savings

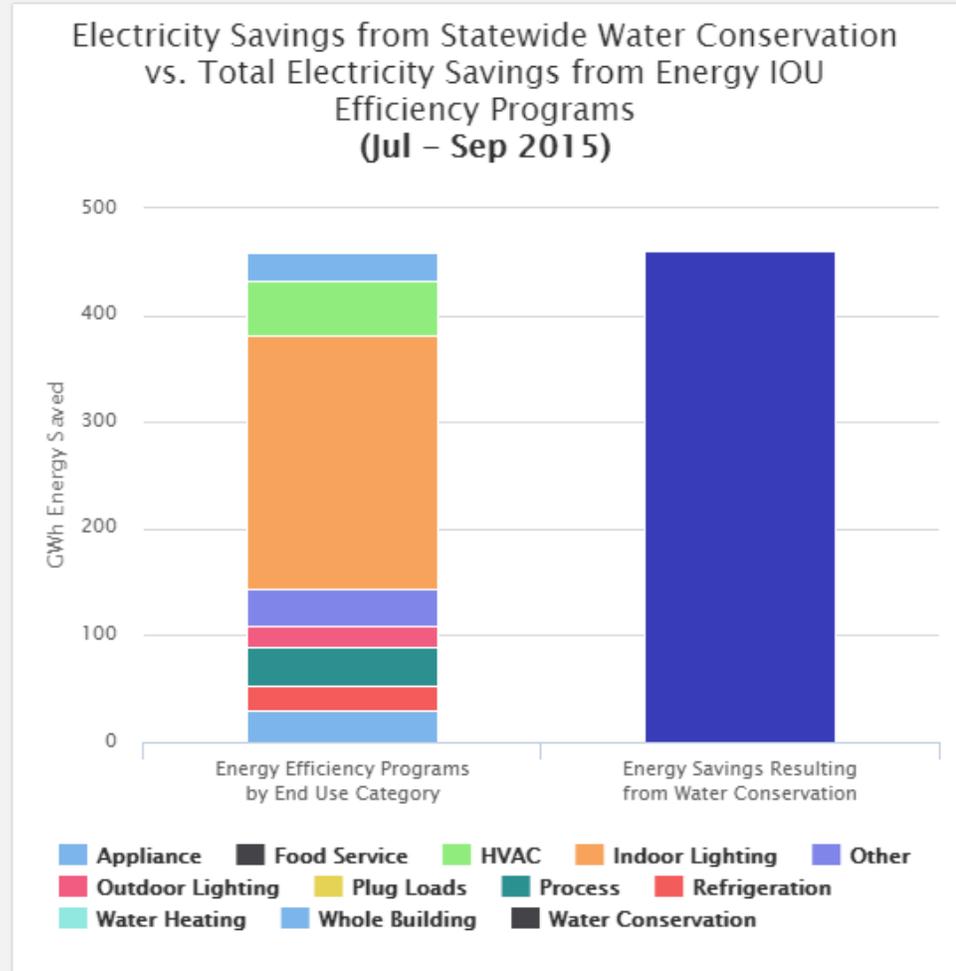
**-1.1%**  
(Missed Target)

**922,543 MWh**  
Resulting Energy Savings

**219,653 MT CO<sub>2</sub>e**  
Resulting GHG Savings

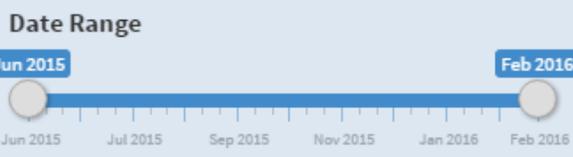


Estimated GHG emissions reduction equivalent to taking...  
**49,731**  
Cars Off the Road for a Year



Statewide Water utility

Utility  
East Bay Municipal Utilities District

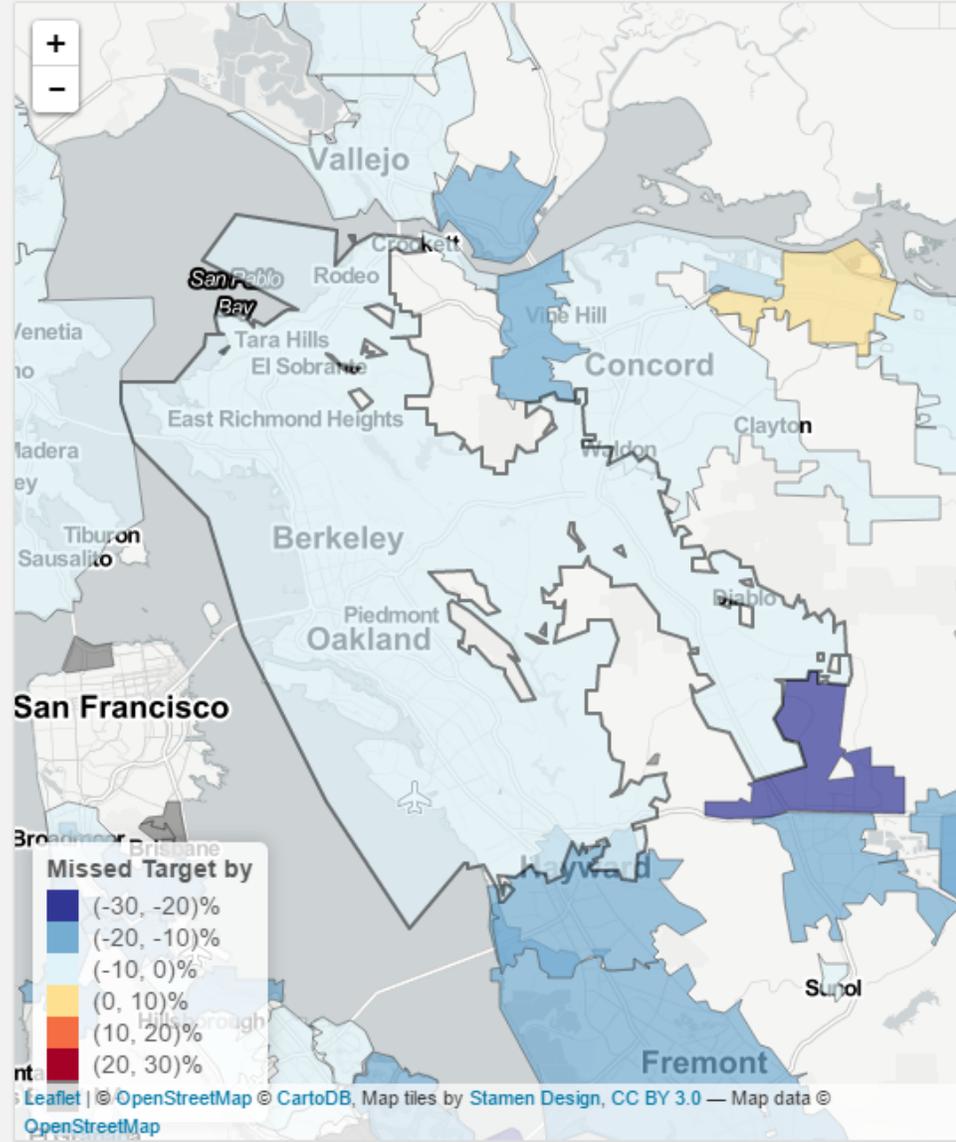
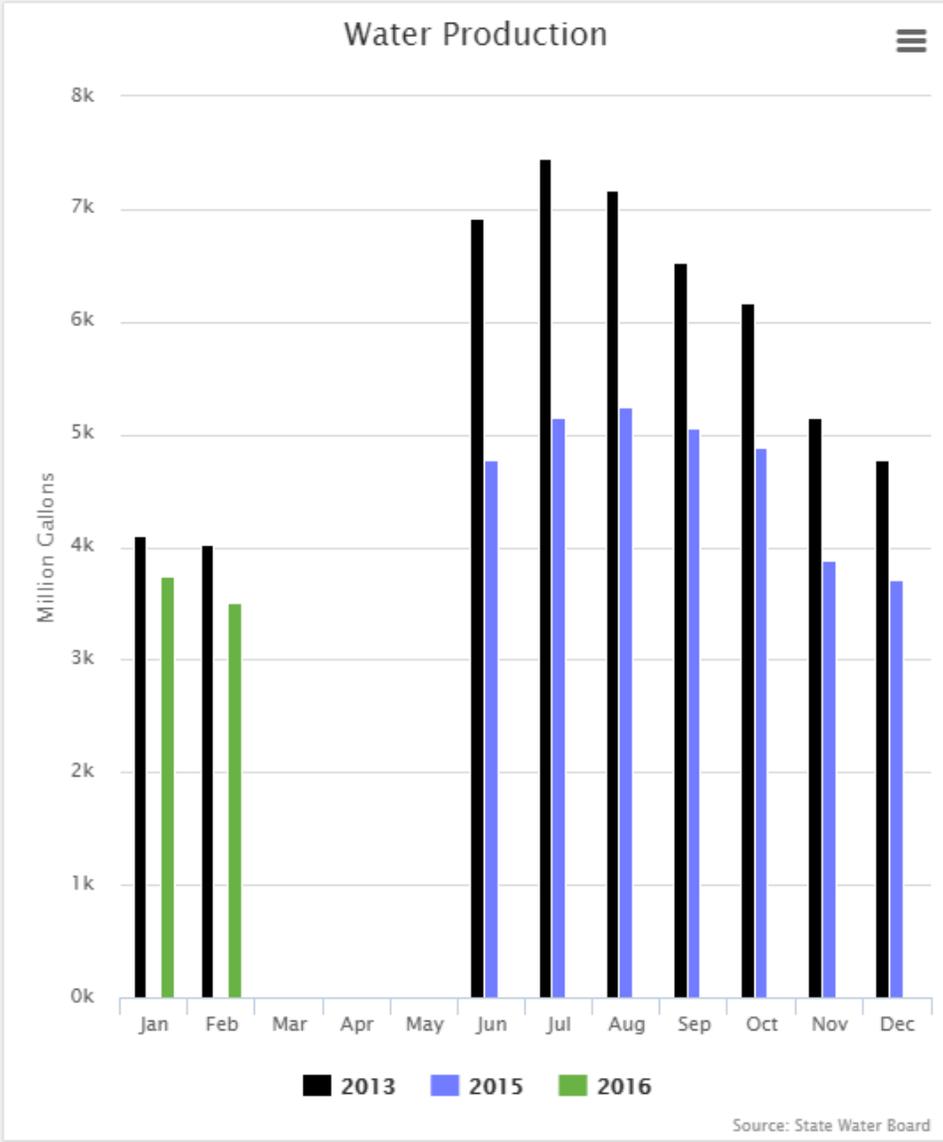


**23.6% (goal: 16%)**  
Water Savings

**+7.6%**  
(Savings Exceeding Target)

**49,711 MWh**  
Resulting Energy Savings

**8,361 MT CO<sub>2</sub>e**  
Resulting GHG Savings



Statewide Water utility

Utility

Los Angeles Department of Water and Power

Date Range



15.7% (goal: 16%)

Water Savings

-0.3%

(Missed Target)

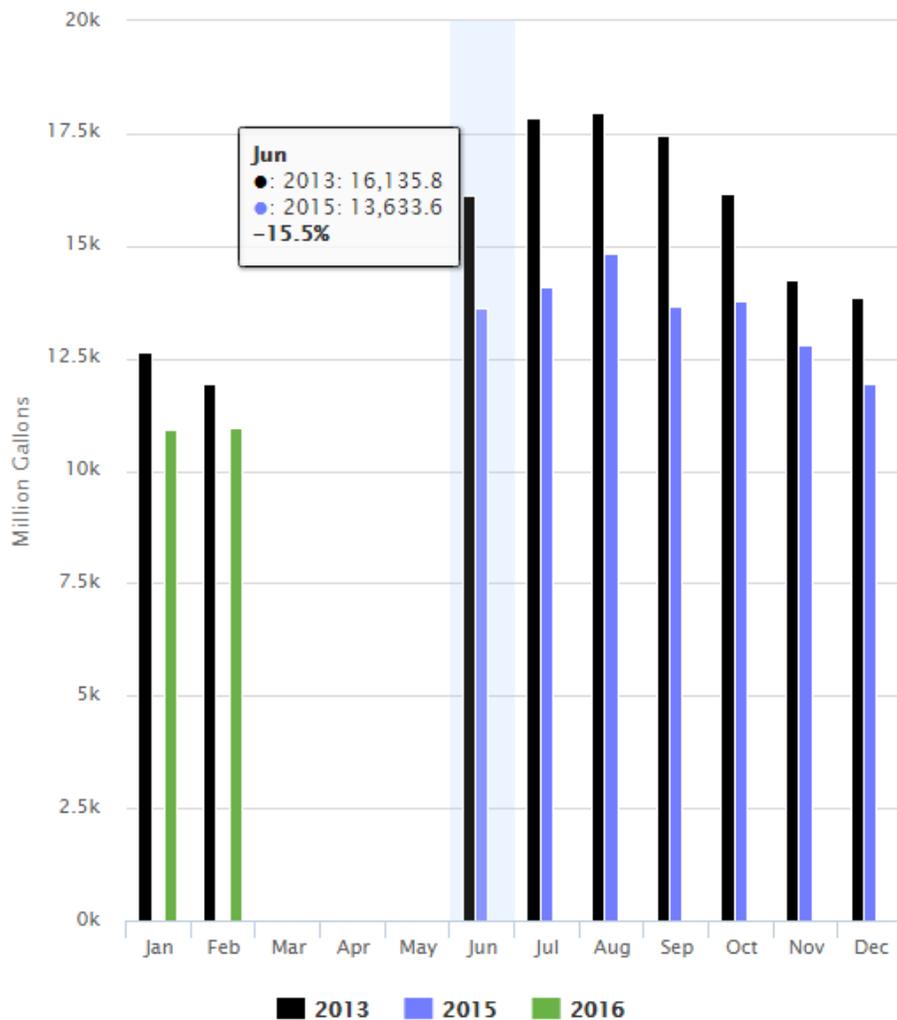
60,884 MWh

Resulting Energy Savings

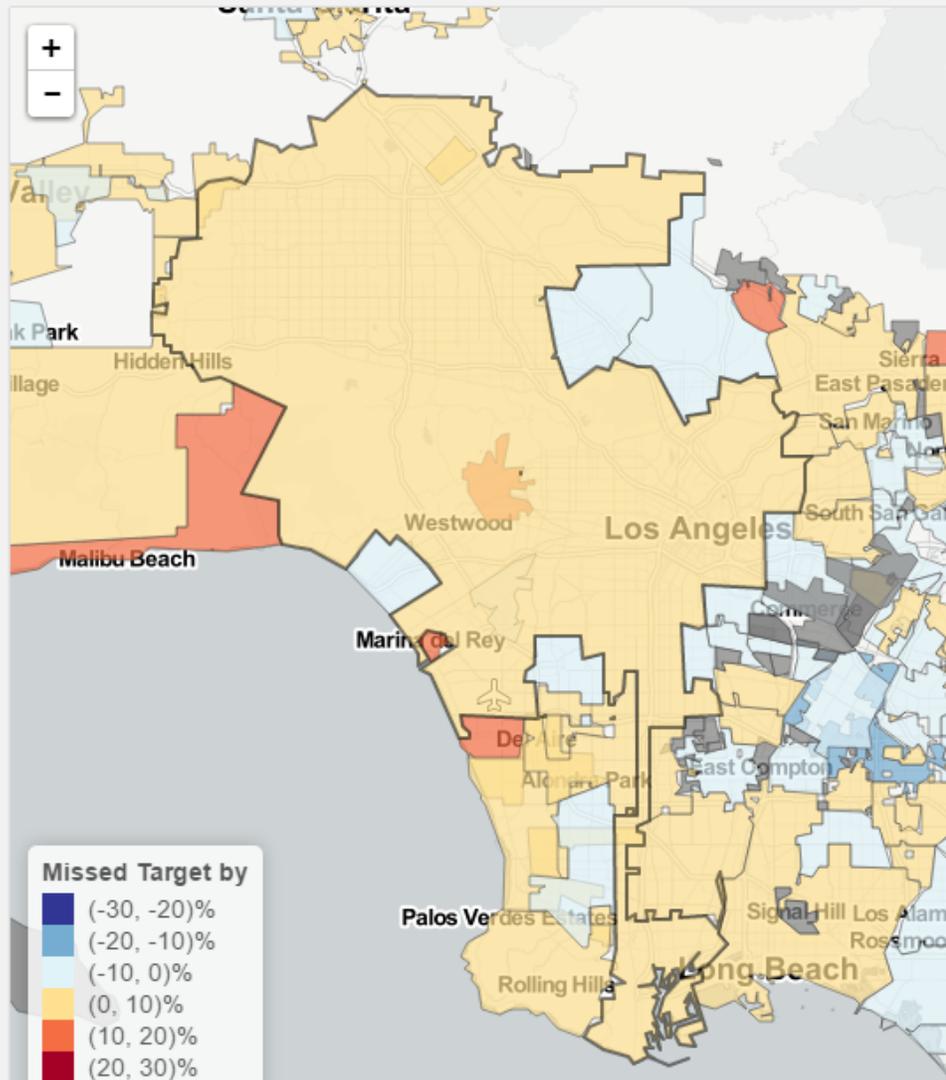
28,961 MT CO<sub>2</sub>e

Resulting GHG Savings

### Water Production



Source: State Water Board



Leaflet | © OpenStreetMap © CartoDB, Map tiles by Stamen Design, CC BY 3.0 — Map data © OpenStreetMap

Statewide

Water utility

Utility

Los Angeles Department of Water and Power



## Most Common Water Quality Violations

Chemical	% greater than RPH limit	# violations
TRICHLOROETHYLENE	1064.5	733
TETRACHLOROETHYLENE	592.1	407
ARSENIC	204553.5	101
CARBON TETRACHLORIDE	144.9	30
1,1-DICHLOROETHYLENE	24.4	27

## Most Common Wastewater Violations

Type	# of violations
Reporting	10098
Effluent	5262
Deficient Monitoring	395
Order Conditions	150
Unauthorized Discharge	75