

July 28, 2022

The Honorable City Council
City of Los Angeles
Room 480, City Hall
Mail Stop 222

Attention: Councilmember Mitch O'Farrell, Chairperson – Energy, Climate Change,
Environmental Justice, and River

Honorable Members:

Subject: Council File No. 22-0528 – Statewide Drought/Water Shortage

In response to the motion (Council File 22-0528), the Los Angeles Department of Water and Power (LADWP) is providing an initial indication of water supply conditions, drought response actions, and LADWP ratepayer impacts, impacts to hydroelectric resources, and implications to reaching 100 percent carbon-free electricity as a result of the current drought crisis.

- With State Water Project water purchases from the Metropolitan Water District of Southern California (MWD) limited to human health and safety water, the City of Los Angeles has responded with tremendous efforts to reduce water use to meet the allocated volumes from MWD. On June 1st, Mayor Eric Garcetti, with the City Council's concurrence, declared the implementation of Phase III of our Emergency Water Conservation Plan, which limited irrigation to two days a week from the three days a week in Phase II, along with continuing the permanent prohibited uses from Phase I.
- Since June 1st, we have seen a steady decline in water consumption with 9 percent savings through June 2022 and 11 percent decline through the first three weeks in July 2022 when compared to 2021 values. While encouraging to see these results, LADWP is continuing to communicate and promote our programs to help customers continue to reduce their water usage to preserve limited supplies.
- In addition to messaging on prohibited uses, water saving tips, and generous incentives, LADWP has added additional services including Turf Replacement

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Design Services and Commercial Facility Assessments to help remove barriers for customers trying to identify additional water savings measures.

- Hydroelectric resources, like Hoover and Castaic are key resources in LADWP's current and future Power System resource mix and provide flexible generation. Given LADWP's goal of 100 percent carbon-free electricity supply by 2035, LADWP forecasts significantly higher reliance on Castaic pumped hydroelectric generation usage in order to store and integrate surplus renewable energy. In the short-term (today through 2025), drought conditions will not materially impact the Power System's reliability or carbon-free goals because LADWP is currently long in capacity and our existing generating units will make up the difference. Longer term, additional studies are needed to quantify the impacts of drought on hydroelectric resources and the implications to LADWP's 100 percent carbon free goal by 2035. As part of the next 2023 Power Strategic Long-Term Resource Plan (SLTRP), LADWP plans to expand the SLTRP to address climate risk factors, including drought conditions.

If you have any questions or if further information is required, please call me at (213) 367-1338, or have your staff contact Ms. LeiLani Johnson Kowal, Interim Director of Legislative and Intergovernmental Affairs, at (213) 367-3023.

Sincerely,



Martin L. Adams

General Manager and Chief Engineer

DP:lb

Enclosure

c: Councilmember Paul Koretz, Vice Chair, Energy, Climate Change, Environmental Justice, and River

Councilmember Gilbert A. Cedillo, Member, Energy, Climate Change, Environmental Justice, and River

Councilmember Kevin De Leon, Member, Energy, Climate Change, Environmental Justice, and River

Councilmember Paul Krekorian, Member, Energy, Climate Change, Environmental Justice, and River

Mr. Anselmo G. Collins

Ms. LeiLani Johnson Kowal



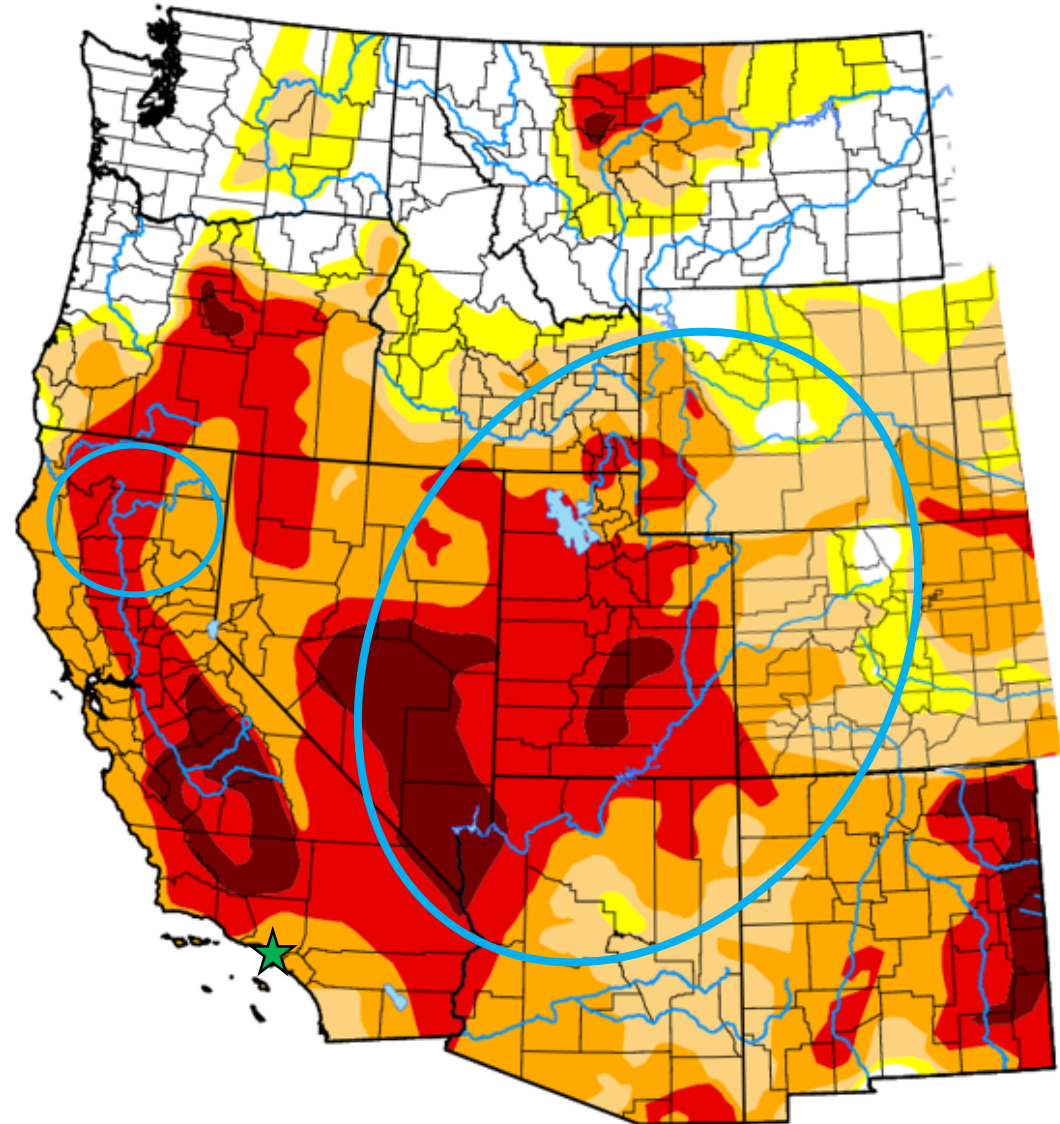
Water Supply and Drought Response
August 4, 2022

**Energy, Climate Change, Environmental Justice, and River
Committee Meeting**

Drought Conditions Worsening

July 19, 2022

Intensity:



droughtmonitor.unl.edu

ladwp.com

Drought Response Efforts

Los Angeles Times

Unprecedented water restrictions hit Southern California today: What they mean to you



May 10th Phase 3 Announcement

Don't Waste Another Drop
Outdoor Watering = 2 Days/Week

Addresses End In	SUN	MON	TUE	WED	THU	FRI	SAT
ODD		💧				💧	
EVEN	💧				💧		

ladwp.com/wateringdays

SAVE the DROP LA DWP

"Twice is Nice"
Watering Limited to 2 Days/week

ladwp.com LA DWP

Strong Campaign on New Restrictions



Community Response & Enforcement

MAY WATER USE
REDUCTION

3%

JUNE WATER USE
REDUCTION*

9%

JULY WATER USE
REDUCTION

11%

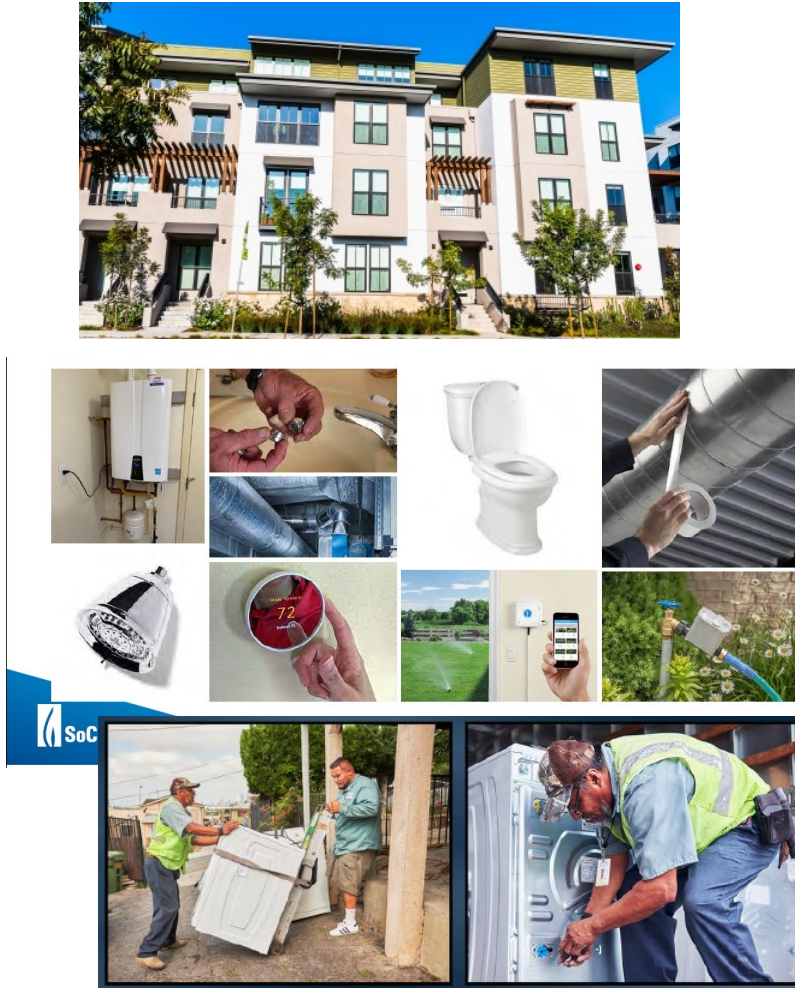
*Lowest June since 1970

Customer Assistance Programs

Turf Replacement Design Services



Multifamily Direct Install Partnership with So Cal Gas Co.



Commercial/Industrial Facility Efficiency Assessments

