

DOCKETED

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Water Appliance Rebate Program

California Energy Commission
Christine Collopy / Jack Bastida

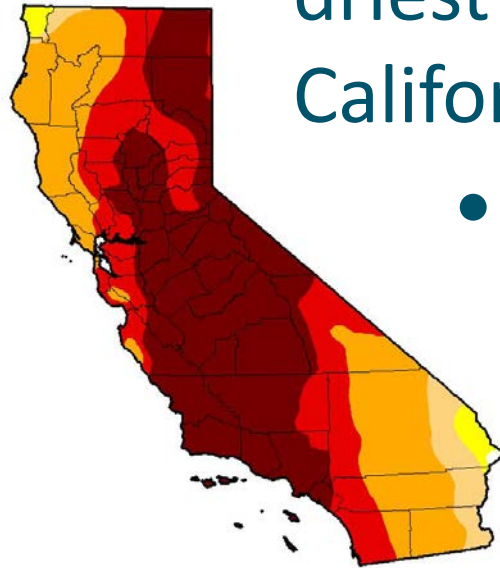


May 28, 2015

CA Emergency Drought Situation

- 2012-14 stands as California's driest years ever recorded

- January 2015 was one of the driest months on record in California



- March 2015 the snowpack measured **5%** of average

Current drought status in California, darker shade means more severe drought, source: US Drought Monitor <http://droughtmonitor.unl.edu/>



Emergency Executive Order

- April 1, 2015, Governor Brown signs **Executive Order B-29-15**, announcing emergency actions to save water
- Four **responsibilities fall to the Energy Commission**:
 1. Expedite Siting Applications for amendments to power plants for securing alternate water supplies for plant operations
 2. Adopt Emergency Water Appliance Efficiency Regulations
 3. Implement Water Energy Technology (WET) Program
 4. Implement a Time-Limited Statewide Appliance Rebate Program



Emergency Water Appliance Efficiency Regulations Adopted

- Energy Commission adopts emergency regulations with new minimum efficiency standards for water appliances (toilets, urinals and faucets)
- After January 1, 2016:
 - Toilets maximum 1.28 gallons per flush
 - Urinals 0.125 gallons per flush, down from 1.0
 - Lavatory faucets 1.2 gallons per minute, down from 2.2
 - Kitchen faucets 1.8 gallons per minute, down from 2.2



Water Energy Technology (WET) Program

Funding for innovative technologies that meet the following criteria:

- Display significant water savings, energy savings and greenhouse gas emission reductions
- Demonstrate actual operation beyond the research and development stage
- Document readiness for rapid, large-scale deployment (but not yet widely deployed) in California
- Launching summer 2015

For more information about WET Program: energy.ca.gov/wet/



Water Energy Technology (WET) Program Staff Workshop

Public meeting to receive input on
program design related to the WET
Program

Tuesday, June 2, 2015

5:30 p.m. – 8:30 p.m.

Fresno City Hall

2600 Fresno Street

Fresno, California

For more information about WET Program: energy.ca.gov/wet/



Appliance Rebate Program Funding

- Governor's 2015 Budget, May Revision, allocates **\$30 million** to this effort
 - Funding source: Cap/Trade Proceeds
 - Must show water savings and GHG emission reductions



Appliance Rebate Pathways and Appliances Under Consideration

1. Direct Install Water Appliance Program
2. Consumer Appliance Rebate Program

Appliances (and fixtures) under consideration include:

- Clothes Washers
- Dishwashers
- Kitchen Faucets
- Lavatory Faucets
- Showerheads



Consumer Appliance Rebate Program Objectives

- Achieve immediate water savings through **statewide, indoor, residential rebate program** for eligible appliances/fixtures
- Encourage consumers to **retire inefficient appliances/fixtures**
- Make rebate program **participation easy**
- **Partner with or leverage** existing utility and water agency programs
- Provide **useful drought information** to consumers



Questions for stakeholder input:

- What Rebate and Incentive Programs are available today?
 - i. Are rebates and incentives offered to single-family and/or multifamily residences? Owner-occupied and/or rentals?
 - ii. What appliances and fixtures are included in existing programs?
 - iii. What indoor water appliances and fixtures should be included in this rebate program?



Questions Continued...

- What is the recommended rebate level by appliance and fixture? How was that amount determined?
- What level of rebate is necessary for a consumer to change out a functioning appliance early?
- How many rebates (by appliance/fixture) have you issued in the last 12 months?



Questions Continued...

- How should this rebate program interact with other rebate programs?
- What are the most effective and efficient rebate delivery channels?
- How do we encourage retailers to participate in the program?



Questions Continued...

- Is there a minimum number of appliance models needed to offer rebates?
- How quickly can additional qualifying products reach retail stores?

Additional Public Comments and Questions





Contact Information

Program Website: energy.ca.gov/drought/rebate/

Email: WaterApplianceRebates@energy.ca.gov

CEC List Server: WaterSaver

Docket: 15-WATER-03

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More about the Governor's drought response, visit:

drought.ca.gov