

# CALIFORNIA'S DROUGHT OPPORTUNITIES TO SAVE WATER & ENERGY

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## STATE AGENCIES

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### California Energy Commission

**Electric Program Investment Charge (EPIC)** program funds clean energy research, demonstration and deployment in various fields, including solicitations geared at energy efficiency solutions in California's building, industrial, agricultural and water sectors.

» [www.energy.ca.gov/research/epic/](http://www.energy.ca.gov/research/epic/)

**Drought Appliance Rebate Program** is a short-term, statewide rebate program—run jointly by the Energy Commission, the California Department of Water Resources and the State Water Resources Control Board—that will provide monetary incentives and direct installations for the replacement of inefficient water consuming appliances and devices in homes. Launching summer 2015, pending legislative approval of funding.

» [www.energy.ca.gov/drought/rebate/](http://www.energy.ca.gov/drought/rebate/)

**Water Energy Technology (WET)** program—run jointly by the Energy Commission, the Department of Water Resources, and the State Water Resources Control Board—will provide funding for innovative technologies that can be rapidly and widely deployed to provide significant water and energy savings while reducing greenhouse gas emissions. Launching summer 2015, pending legislative approval of funding.

» [www.energy.ca.gov/wet/](http://www.energy.ca.gov/wet/)

### California Public Utilities Commission

**Energy Upgrade California** is a statewide initiative to lower the cost of and make informed choices on energy management at home and at work. It is supported by an alliance of the California Public Utilities Commission, the California Energy Commission, utilities, regional energy networks, local governments, businesses, and nonprofits to help communities meet state and local energy and climate action goals.

» [www.energyupgradeca.org/home](http://www.energyupgradeca.org/home)

### Department of Food and Agriculture

**State Water Efficiency and Enhancement Program (SWEET)** is funded under emergency drought legislation authorizing the California Department of Food and Agriculture (CDFA) to distribute as much as \$10 million from the Greenhouse Gas Reduction Fund for eligible projects that save water and reduce greenhouse gases, pending legislative approval.

» [www.cdfa.ca.gov/EnvironmentalStewardship/WEEP.html](http://www.cdfa.ca.gov/EnvironmentalStewardship/WEEP.html)

## Department of Water Resources

**Water Desalination Grant Program** administers state grants to local agencies and other entities for planning, construction, pilot and demonstration, and research projects for the desalination of brackish and sea water.

» [www.water.ca.gov/desalination/](http://www.water.ca.gov/desalination/)

**Water-Energy Grant Program** provides funds to implement water efficiency programs or projects that reduce greenhouse gas emissions, and reduce water and energy use, such as residential water efficiency, commercial water efficiency, and institutional water efficiency programs. Eligible applicants include local agencies, joint powers authorities, and nonprofit organizations.

» [www.water.ca.gov/waterenergygrant/](http://www.water.ca.gov/waterenergygrant/)

**Urban Water Use Efficiency Programs** provide guidance and funding to improve water use efficiency in urban areas. Compliance with water conservation laws is required for local water agencies to receive state grants.

» [www.water.ca.gov/wateruseefficiency/finance/](http://www.water.ca.gov/wateruseefficiency/finance/)

**Turf Replacement** will administer grants to local agencies and other entities to encourage homeowners and businesses to replace turf with drought tolerant landscapes in order to urban water use in underserved areas. Launching August 2015.

» [www.water.ca.gov/turf](http://www.water.ca.gov/turf)

**Landscape Efficiency Program** funds workshops that educate landscape professionals and homeowners in urban water conservation methods.

» [www.water.ca.gov/wateruseefficiency/landscape/](http://www.water.ca.gov/wateruseefficiency/landscape/)

## State Water Resources Control Board

**Water Recycling Funding Program** promotes water recycling projects and research by providing technical and financial assistance to local agencies and other stakeholders.

» <http://goo.gl/YrD2aW>

Eligible applicants can apply now online with the financial assistance application submittal tool.

» <https://faast.waterboards.ca.gov/>

**Emergency Drinking Water Assistance** provides drought relief and includes projects such as new wells, inter-ties other water systems.

» <http://goo.gl/moA3AG>

In March 2015, Governor Brown authorized another \$15 million of funding from the Cleanup and Abatement Account to continue this drought relief effort for economically disadvantaged communities.

» <http://goo.gl/AQLzGR>

**Clean Water State Revolving Fund** program offers low cost financing for a wide variety of water quality projects. Current interest rate 1.6% with 30 year term.

» <http://goo.gl/vLpk3k>

**Proposition 1 Grant Program** (Assembly Bill 1471, Rendon) provides funding for water projects, including surface and groundwater storage, ecosystem and watershed protection and restoration, and drinking water protection.

» <http://goo.gl/CsGvUg>

## FEDERAL AGENCIES

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### Natural Resources Conservation Service, U.S. Department of Agriculture

**Environmental Quality Incentive Program** has over \$26 million available to address resource concerns for drought-impacted farmers and ranchers.

- » <http://goo.gl/fljA4j>

### U.S. Bureau of Reclamation

**WaterSmart Grants** offer rebates to homes and businesses for water efficient fixtures, appliances, equipment, and turf removal for single and multi-family residences, businesses, industry, institutions, and large landscapes.

- » [www.usbr.gov/WaterSMART/grants.html](http://www.usbr.gov/WaterSMART/grants.html)

**Drought Response Program** provides competitive funding for contingency planning, resiliency projects, and emergency response actions.

- » [www.usbr.gov/drought/planning.html](http://www.usbr.gov/drought/planning.html)
- » [www.usbr.gov/drought/projects.html](http://www.usbr.gov/drought/projects.html)
- » [www.usbr.gov/drought/emergency.html](http://www.usbr.gov/drought/emergency.html)

For a list of all programs and initiatives, see:

- » [www.usbr.gov/main/programs/](http://www.usbr.gov/main/programs/)

## INVESTOR OWNED UTILITIES

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### Pacific Gas & Electric (PG&E)

**Drought tips** and advice are available on how to save water, energy and money, and information about PG&E's actions to ease the drought's impact on customers, communities and its own operations.

- » [www.pge.com/drought](http://www.pge.com/drought)

**Residential Rebates** program for qualifies high-efficiency clothes washers.

- » [www.waterenergysavings.com/](http://www.waterenergysavings.com/)

Apply online for fast rebates at:

- » [www.pge.com/myhome/erebates](http://www.pge.com/myhome/erebates)

**Foodservice Equipment Rebates** are available for utility customers on energy-efficient food service equipment.

- » [www.fishnick.com/saveenergy/rebates/](http://www.fishnick.com/saveenergy/rebates/)

**Agricultural and Food Processing Industry Rebates and Incentives** are available for eligible equipment, including drip irrigation and variable frequency drives.

- » [www.fishnick.com/saveenergy/rebates/](http://www.fishnick.com/saveenergy/rebates/)

**Advanced Pumping Efficiency Program** provides technical assistance, subsidized pump efficiency tests, and cash incentives for pump retrofits to non-residential water pumping accounts in PG&E's service area.

- » [www.pumpefficiency.org/](http://www.pumpefficiency.org/)

**Energy Efficiency Specialists** offer incentive programs targeting specific industries and technologies in partnership with specialists. In addition to energy savings, programs also promote water savings. Unique programs provide expertise for the dairy industry, the wine industry, the food processing industry, wastewater treatment systems, and irrigation systems, among others. For more information on all programs—including descriptions and contact information—visit the following link (scroll down to the bottom of the page to search and view a program list by industry).

- » <http://goo.gl/R1UlkV>

## San Diego Gas & Electric (SDG&E)

### Water Infrastructure and System Efficiency Program

offers a no-cost water pump evaluation for agricultural and other business facilities.

» <http://goo.gl/VQ2t2d>

## Southern California Edison

### Comprehensive Industrial Energy Efficiency Program

provides financial incentives for qualified new equipment installations and retrofit upgrades, which may cover up to 50% of the project's cost.

» <http://goo.gl/8XTUVN>

## PUBLICLY OWNED UTILITIES

Below are examples of energy and water savings programs from member utilities of the California Municipal Utilities Association, Northern California Power Agency, and Southern California Public Power Authority.

**Anaheim Public Utilities (APU)** offers indoor and outdoor water saving incentives to customers via the Metropolitan Water District of Southern California's SoCal WaterSmart Program. APU partners with the Municipal Water District of Orange County and Inside the Outdoors (O.C. Department of Education) to provide water conservation/energy efficiency education programs and activities to Anaheim schools. New programs under development include the Small Business Water/Energy Audit Program; Turf Removal Loan Assistance Program; and revamped Hotel/Motel Linen Program.

» [socalwatersmart.com/](http://socalwatersmart.com/)

**Azusa Light and Water** currently has an annual toilet exchange program; washing machine, waterless urinal and smart controller rebate programs and is in the process of creating an turf removal program

» [www.ci.azusa.ca.us/index.aspx?nid=132%20](http://www.ci.azusa.ca.us/index.aspx?nid=132%20)

**Burbank Water and Power (BWP)** Green Home House Call—a free direct install program—reduces residences' energy, water and natural gas use through partnerships with the Metropolitan Water District of Southern California and SoCalGas.

» <https://goo.gl/UZd6sL>

BWP, in coordination SoCal WaterSmart, offers other efficiency program information, including turf replacement and home water reports.

» [www.burbankwaterandpower.com/](http://www.burbankwaterandpower.com/)

**The City of Colton** water rebate programs, in partnership with IEfficient.com provide additional rebates for Energy Star® clothes washers and dish washers and funds the LivingWise® program that includes water efficient measures. Recently, Colton has approved all Property Assessed Clean Energy (PACE) financiers that allow for water efficiency upgrades for residential and commercial properties.

» [www.ci.colton.ca.us/index.aspx?nid=772](http://www.ci.colton.ca.us/index.aspx?nid=772)

**The City of Glendale** provides the following water programs and activities to customers:

» **Smart Home Energy and Water Saving Rebate Program** offers rebates on eligible products, including clothes and dish washers, refrigerators, and air conditioning units.

[www.glendaleca.gov/smart-home-rebate-program](http://www.glendaleca.gov/smart-home-rebate-program)

» **Landscape Classes** include workshops on drought tolerant landscapes and water efficient irrigation.

<http://goo.gl/Lg2DTJ>

» **Glendale Water & Power Water-Wise Gardening** helps locals create low-water use landscapes for their home.

[glendalewaterwisegardening.com/](http://glendalewaterwisegardening.com/)

- » **Livingwise Program** educates sixth grade science students in the areas of energy and water conservation through a hands on curriculum that includes in-home installation of water conservation measures. <http://goo.gl/6Acgvu>
- » **Small Business Upgrade Program** allows small business to receive up to \$2,000 in free energy upgrades. [www.glendaleca.gov/energy-saving-upgrade-program](http://www.glendaleca.gov/energy-saving-upgrade-program)
- » **WaterSmart Water Insight Reports & Portal** allows customers to track their water use and access relevant water saving rebates. [ebmud.waterinsight.com/](http://ebmud.waterinsight.com/)

**The City of Lompoc** provides water and electric rebates as well as free services.

- » [www.cityoflompoc.com/utilities/conservation/](http://www.cityoflompoc.com/utilities/conservation/)

**The City of Palo Alto Utilities** program offers rebates for installing energy and water efficient appliances and water efficiency information at:

- » <http://goo.gl/UTWQ1F>

The utility has partnered with Santa Clara Valley Water District on a suite of residential water conservation programs.

- » <http://goo.gl/ICjIsp>

**The City of Roseville** provides a full list of residential water and electric rebates – including rebates for appliances, landscaping, and irrigation – at the following site:

- » [www.roseville.ca.us/resident/rebates.asp](http://www.roseville.ca.us/resident/rebates.asp)

**The City of San Francisco Public Utilities Commission (SFPUC)** has several water efficiency programs:

- » Grant Assistance for Water Efficient Equipment Retrofits program. [www.sfwater.org/index.aspx?page=129](http://www.sfwater.org/index.aspx?page=129)

- » Efficiency program for cooling towers, ice machines, and other water users.

[www.sfwater.org/index.aspx?page=512](http://www.sfwater.org/index.aspx?page=512)

- » Commercial High-Efficiency Clothes Washer Rebate. [www.sfwater.org/index.aspx?page=176](http://www.sfwater.org/index.aspx?page=176)

**East Bay Municipal Utility District** offers water conservation rebates in partnership with the Metropolitan Water District of Southern California SoCal WaterSmart Rebate Program.

- » [www.socalwatersmart.com/](http://www.socalwatersmart.com/)

In addition, the district offers rebates for toilets, lawn conversion and irrigation, and clothes washers.

- » <https://goo.gl/N3p7gP>

**Gridley Electric Department** offers rebates for clothes washers, dishwashers, water heaters, and pool pumps.

- » <http://goo.gl/nkhEUJ>

**Healdsburg Electric Department** offers rebates for electric appliances.

- » <http://goo.gl/czZZya>

Healdsburg's water department also offers water conservation rebates.

- » [www.ci.healdsburg.ca.us/424/Water-Conservation](http://www.ci.healdsburg.ca.us/424/Water-Conservation)

**Lodi Electric Utility** offers rebates for clothes washers and dishwashers.

- » <http://goo.gl/GDrs3k>

Information on water conservation activities:

- » [www.loadi.gov/public\\_works/water\\_conservation.html](http://www.loadi.gov/public_works/water_conservation.html)

**Los Angeles Department of Water and Power (LADWP)**

To assist in conservation efforts, free water conservation items are available.

- » <https://goo.gl/UJfasC>

LADWP offers residential customer rebates and incentives for appliances, building products, heating and cooling, landscape and irrigation, pool pumps, toilets, electric vehicles, and solar installation projects.

» <https://goo.gl/9IND5N>

Commercial, industrial, institutional, and governmental customers

» <https://goo.gl/ePPf7Z>

**Pasadena Water & Power** has both water and energy direct install programs and a monthly workshop on drought tolerant landscapes, water efficiency irrigation, and graywater.

» [cityofpasadena.net/waterandpower/WeDIP/](http://cityofpasadena.net/waterandpower/WeDIP/)

» [cityofpasadena.net/waterandpower/landscapes/](http://cityofpasadena.net/waterandpower/landscapes/)

**Plumas-Sierra Rural Electric Cooperative** offers rebates for clothes washers, dishwashers and water heaters.

» [www.psrec.coop/conservation-tips-tools.php](http://www.psrec.coop/conservation-tips-tools.php)

Access rebates for irrigation pump improvements and other irrigation retrofits under the “Energy” dropdown menu at the top of the webpage.

» [www.psrec.coop/](http://www.psrec.coop/)

**Redding Electric Utility** provides a full list of rebate programs at the following site:

» [www.reupower.com/rebates.asp](http://www.reupower.com/rebates.asp)

For information on water conservation efforts, see:

» [www.reddingutilities.com/water.html](http://www.reddingutilities.com/water.html)

**Riverside Public Utilities** provides financial incentives to customers for high efficiency toilet installations, high efficiency washer machines, rebates for turf removal, and weather based irrigation controllers.

» [www.riversidedrought.com/rebates.html](http://www.riversidedrought.com/rebates.html)

Riverside Public Utilities also provides vouchers for free high efficiency sprinkler nozzles as part of their landscape irrigation program in association with sprinkler manufacturers (Rainbird, Toro, and Hunter).

» [www.freesprinklernozzles.com/](http://www.freesprinklernozzles.com/)

**Silicon Valley Power** full list of rebates can be found at the following site:

» <http://goo.gl/fvLqr8>

Information on water conservation programs here.

» [santaclaraca.gov/index.aspx?page=1431](http://santaclaraca.gov/index.aspx?page=1431)

**Truckee Donner Public Utility District** offers customers both electric and water rebates and some free water- and energy-saving services.

» <http://goo.gl/QBdifu>

**Ukiah Electric Utility** rebates for clothes washers, dishwashers, water heaters, and pool pumps.

» <http://goo.gl/G6FBmi>

See information on how customers can conserve water.

» [www.cityofukiah.com/water-conservation/](http://www.cityofukiah.com/water-conservation/)

## LOCAL WATER AGENCIES

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### Metropolitan Water District of Southern California (MWD)

**SoCal WaterSmart** offers rebates to homes and businesses for water efficient fixtures, appliances, equipment, and turf removal for single and multi-family residences, businesses, industry, institutions, and large landscapes.

» [www.bewaterwise.com/rebates01.html](http://www.bewaterwise.com/rebates01.html)

**Water Savings Incentive Program** provides incentives to help large volume commercial, industrial, institutional, and agricultural customers for custom projects that reduce water use.

» [www.bewaterwise.com/rebates01.html](http://www.bewaterwise.com/rebates01.html)

**On-Site Retrofit Pilot Program** provides financial incentives to convert irrigation or industrial systems from potable water to recycled water. Items eligible for incentives include project design, permitting, construction costs associated with the retrofit of potable to recycled water systems, connection fees and required recycled water signage.

» [www.bewaterwise.com/OnSite\\_Pilot\\_Program.html](http://www.bewaterwise.com/OnSite_Pilot_Program.html)

**Landscape Irrigation Survey** is a no-cost survey to help improve irrigation efficiency for commercial, industrial, institutional and common area landscapes one-acre or larger. A certified landscape irrigation auditor will review the site and provide recommendations for system repairs, equipment updates, and irrigation scheduling plus available financial incentives to help with the cost of recommended improvements.

» [bewaterwise.com/landscape-irrigation-survey.html](http://bewaterwise.com/landscape-irrigation-survey.html)

**H2O TechConnect** is a smart connection and matchmaking network between water and energy industries. It brings together entrepreneurs, university innovators, investors, service providers, mentors, technology corporations, public agencies, economic development professionals and other key players in global innovation. Participants network and collaborate on technology commercialization, and transfer, start-up growth, and job creation.

» [h2otechconnect.intronetworks.com/](http://h2otechconnect.intronetworks.com/)

## Santa Clara Valley Water District

**The Santa Clara Valley Water District** offers rebate programs for residents and businesses which both include rebates for washers, high-efficiency toilets, and landscaping.

» [www.valleywater.org/programs/rebates.aspx](http://www.valleywater.org/programs/rebates.aspx)

## San Luis Canal Company

**San Luis Canal Company** in the San Joaquin Valley is investing \$1 million a year to build the infrastructure to better manage irrigation water and is providing grants of \$250 per acre and loans for another \$250 per acre to encourage the transition to pressurized irrigation systems among other actions.

» [www.slcc.net/](http://www.slcc.net/)

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