

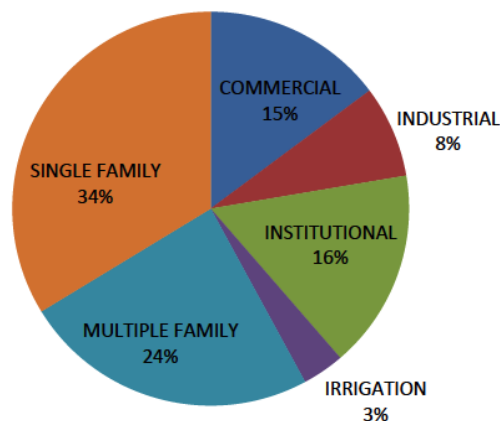
Save Water, Fight Climate Change!

In California, 2013 was the driest year on record. Water conservation is critical to maintaining our supply for people, wildlife AND for fighting climate change.

Water, energy, and climate change are intricately linked

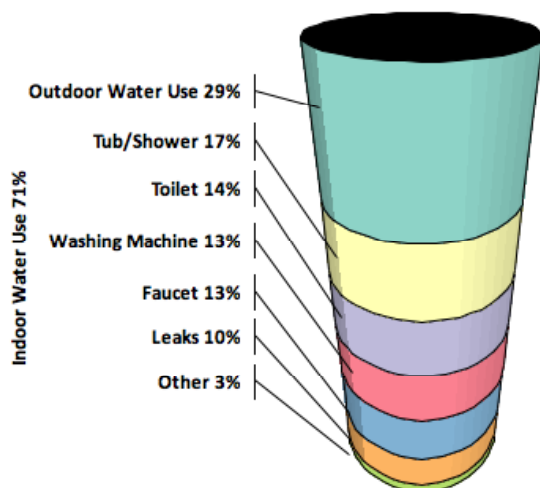
- 20% of California's total energy is used to move water.
- Climate change is increasing the risk of drought, reducing our water supply, and increasing the chance of flooding due to sea level rise.
- Conserving water allows our water supply to last longer, saves energy, and helps improve our resilience to the impacts of climate change.
- Locally, energy is needed to purify drinking water and treat waste water.
- 40% of household energy in Berkeley is used to heat water!

Water Use in Berkeley by Users, 2011



Climate Change Locally

Berkeley is a leader in fighting climate change. Our Berkeley Climate Action Plan aims to reduce greenhouse gas emissions by 33% of year 2000 values by 2020 and 80% by 2050.



To help the city meet its 2020 goals through water conservation, **every Berkeley resident should reduce their daily usage by 16 gallons per day.**

The Berkeley Climate Action Coalition Water Working Group has created a tip sheet (on the back) informing homeowners and renters how they can do their part to save 16 gallons a day.

Reduce your carbon footprint by saving water!

How to Reduce Water Usage by 16 Gallons/day:

Water Use	Tip	Water Savings	Cost	Difficulty
Tub/Shower	Catch cold water in a bucket	Use this water to water your garden!	Saves money!	Simple
Tub/Shower	Install a low flow showerhead	2.5 – 10 gallons per person per day	Low	Medium
Tub/Shower	Limit showers to 5 minutes	2-5 gallons per minute reduced per shower	Saves money!	Simple
Tub/Shower	Install a tankless water heater	Reduce energy use and save water	High	Complex
Toilet	Install a low-flow toilet	~2 gallons per flush	Medium	Medium
Washing Machine	Install a high efficiency machine	15-20 gallons per load	High	Medium
Washing Machine	Use cold water when possible	None, but saves energy and carbon emissions	Saves money!	Simple
Faucet	Install a low flow aerator	~2 gallons per minute	Low	Simple
Faucet	Turn off water while you are washing your face and brushing your teeth	Up to 4 gallons per minute	Saves money!	Simple
Leaks	Check your pipes for leaks	Fixing a leak can save 20 gallons or more per day	Medium	Complex
Dishwasher	Use a dishwasher instead of washing by hand	10-30 gallons per load	High	Medium
Dishwasher	Scrape dirty dishes instead of rinsing in the sink	Every little bit adds up!	Saves money!	Simple
Outdoor Irrigation	Install a grey water system and or a rain barrel	Reduce household water use by as much as 80% by reusing bath, laundry, and rain water on your landscape	High	Complex
Outdoor Irrigation	Replace your lawn with a bay friendly landscape	Up to 10,000 gallons per year	High	Complex
Outdoor water use	Use a broom to sweep your driveway instead of a hose	Up to 10 gallons per minute	Saves money!	Simple

Local Resources

Free Devices

EBMUD offers free high efficiency showerheads, faucet aerators, and other water saving devices.

<http://www.ebmud.com/for-customers/residential-customers/conservation-incentives/free-conservation-devices>



Services and Tools

EBMUD offers WaterSmart Home Survey kits to help find and fix leaks and check water flow rates. The kit includes dye tabs, a flow measuring bag, and a worksheet to help test for leaks. Households that complete the survey can also receive a customized water assessment by an EBMUD representative.

<http://www.ebmud.com/environment/conservation-and-recycling/watersmart-center/watersmart-home-survey-kit>



Information on Water Heating

Learn energy-efficient water heating strategies, including DIY options.

<http://energy.gov/public-services/homes/water-heating>



Rebates

EBMUD offers rebates for upgrades to more water efficient appliances and landscapes.

<http://www.ebmud.com/for-customers/for-residential-customers/residential-conservation-rebates-and-services>

- \$50 towards high efficiency toilets. *Expires 6/30/14*
- \$200 for installing high-efficiency clothing washer. *Expires 12/31/14*
- Up to \$2,500 for converting lawns and upgrading irrigation systems in single and multi-family residences. *Expires 6/30/14*
- Up to \$250 for installation of multi-family residence submeters. *Expires 6/30/14*
- Customized rebates are also available for installation of greywater systems

