

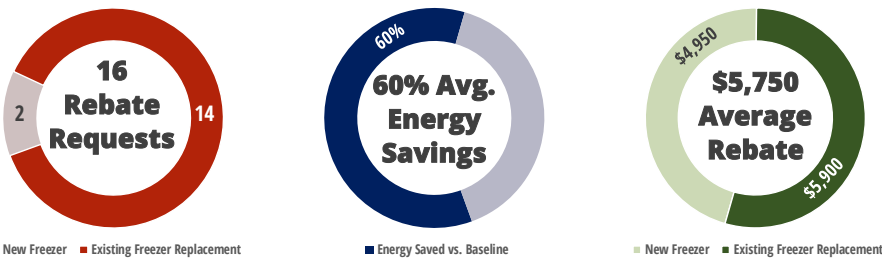


green LABS[^]
update

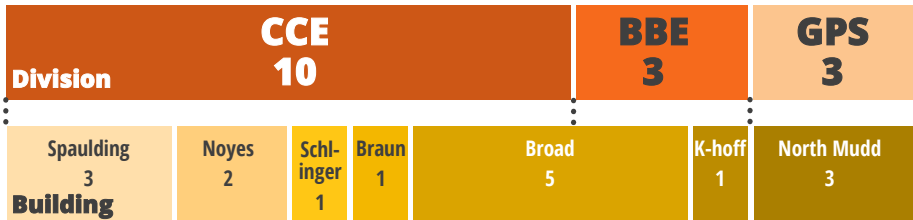
Freezer rebate program update

The freezer rebate program, launched in October, has helped finance the purchase of high efficiency ULTs, saving energy and utility costs. Rebates are still available! For details or to apply, visit sustainability.caltech.edu/GreenLabs/Freezers.

ULT Freezer Rebate Program Performance



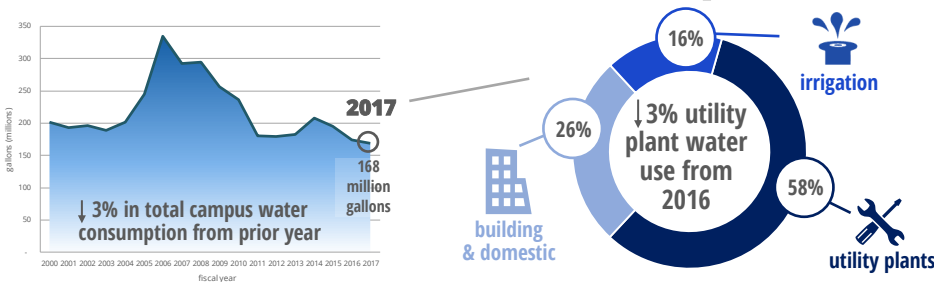
Rebate Application Breakdown



Smart water use in the lab

The recent historic drought has demonstrated that carrying out our work with less water is the new normal in California. Addressing our collective water footprint will require changes to all facets of life at Caltech, including the laboratory.

Fiscal Year 2017 Water Consumption



In 2017, 58% of Caltech's water was used in the utility plants. Not only do labs need water for rinsing, cooling, sterilizing, and more, but they also drive plant water use to make high quality water for research and to produce chilled water for air conditioning lab spaces. Labs can take action to conserve by installing timers and mizers, choosing the right water quality for the task, using recirculating cooling and more. Visit sustainability.caltech.edu/GreenLabs/Water for tips.

Happenings

Caltech Earth Week 2018

Join us for speakers, climate seminars, films, fairs and more!
 • 4/16—4/20, daily events. Visit earthday.caltech.edu for the details

-20C Freezer Market Survey

My Green Labs, CEEL, the EPA, and ENERGY STAR are designing energy standards for -20C freezers and need to understand the market. Fill out the [confidential survey \(goo.gl/z7eEz4\)](http://goo.gl/z7eEz4) and help contribute to the effort.

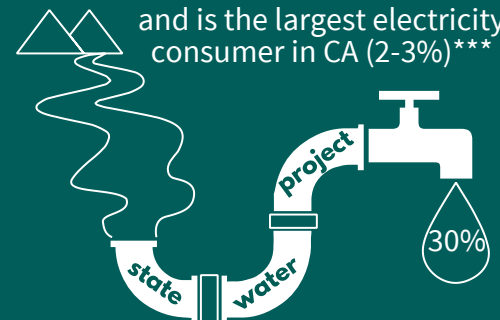
Read their 2016 report on -80 ULT freezer performance and the ULT freezer market [here \(goo.gl/X4LLvy\)](http://goo.gl/X4LLvy).

Did You Know?

It can take 3 gallons of potable tap water to make every gallon of DI water*



the State Water Project provides ~30% of Southern California's water** and is the largest electricity consumer in CA (2-3%)***



Energy Water Nexus
SWP = CA's largest electricity user

*My Green Lab (2017). *Water Program*.

**Metropolitan Water District (2017). *State Water Project*.

***U.S. EPA (March 2017). *Water Energy Connection*.

