

Powering a sustainable water future

Climate change can affect every aspect of EBMUD's work, from the resilience of our water supply to the health of the lands we manage.

We begin our second century of service with comprehensive strategies to guide us and help us tackle emerging challenges. That includes an aggressive goal to be carbon neutral by 2030.

As EBMUD invests in a sustainable future, we are more than tripling our solar energy production capacity with three new photovoltaic installations. The largest, below Briones Reservoir in Orinda, will generate approximately 10 million kilowatt-hours (kWh) of clean, renewable electricity a year – offsetting nearly 11 percent of EBMUD's total electric load. The project also will provide \$24 million in energy cost savings over the 25-year contract term.

Separately, a pilot project underway in Piedmont is generating renewable electricity from drinking water moving through our distribution pipelines. A microturbine system captures excess water pressure and will generate an estimated 130,000 kWh annually. If successful, the project will remain in place to generate clean power for years to come.

Innovative projects like these support EBMUD's mission to deliver safe and affordable drinking water while protecting the environment and natural resources with which we are entrusted. We believe investing in a sustainable future is the right thing to do for our customers and our planet, for this generation and the next.

Duffel Solar Installation, Orinda

Hydrogen Fuel Station Open in Oakland EBMUD property leased to FirstElement Fuel Inc. is now home to a hydrogen fueling station that supports zero-emission drayage trucks at the Port of Oakland. This project improves local air quality, reduces greenhouse gas emissions, and represents North America's largest commercial deployment of Class 8 fuel cell electric trucks.



Eyes on the sky

The home stretch of California's rainy season is upon us, and our eyes are on the sky. We're tracking weather patterns, measuring rainfall and snowpack, and forecasting the runoff we expect to capture in our reservoirs.



Pardee Reservoir

Our water supply outlook won't be final until late April, and a lot will depend on how much precipitation we receive in the coming weeks.

Last year was one of EBMUD's wettest on record, and our reservoirs refilled after years of drought. But below-average numbers this year remind us that complacency is not an option.

The good news is that reserves carried over from 2023 ensure we'll have enough water through the heat of summer. And

a century of data helps us chart patterns and manage water wisely. But climate change is driving bigger swings in annual rain and snow totals. So, we must have strategies for multiple water supply scenarios – including the ones that may surprise us.

At EBMUD, we are securing a variety of water sources to hedge against the impacts of climate change. We're improving efficiencies, investing in leak detection and repair, supporting robust

conservation programs, expanding recycled water projects, and implementing new technologies to remain reliable and adaptable.

By consistently incorporating water-smart choices in our everyday lives and reducing water waste, we can all make the most of our resources. EBMUD is here to help with tips, tools and rebates.

Learn more at:

[EBMUD.COM/CONSERVATION](https://www.ebmud.com/conservation)

OUR TAP IS TOPS



In 2023, your drinking water was consistently of the highest quality, surpassing every state and federal public health requirement. Come April, read EBMUD's annual water quality report at [ebmud.com/waterquality](https://www.ebmud.com/waterquality).



FLOWING
INTO
THE
FUTURE

EBMUD Mission Statement

To manage the natural resources with which the District is entrusted; to provide reliable, high-quality water and wastewater services at fair and reasonable rates for the people of the East Bay; and to preserve and protect the environment for future generations.

Connect with us:



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