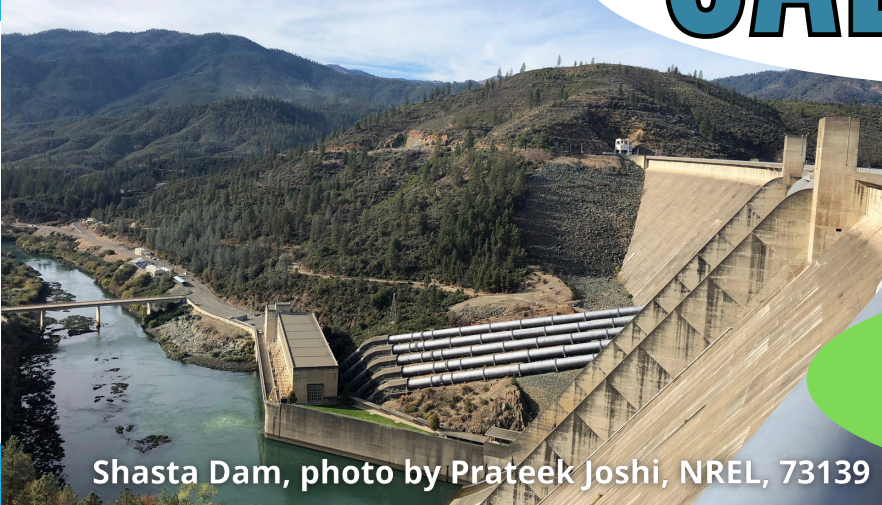


Hydropower in

CALIFORNIA



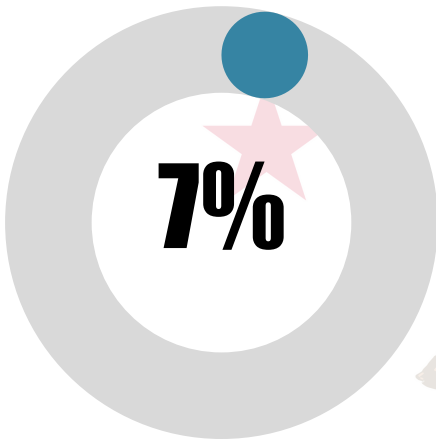
Shasta Dam, photo by Prateek Joshi, NREL, 73139

390

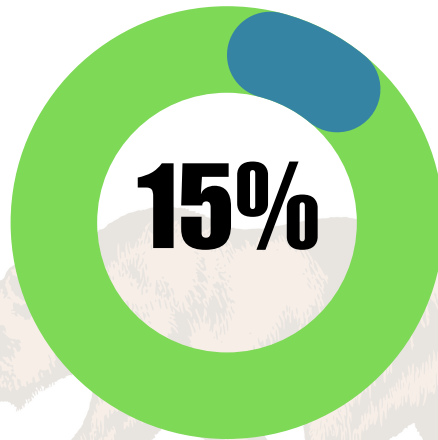
hydroelectric facilities

statewide annual hydroelectric generation (megawatt-hours)

31,887,000



of total energy statewide



of total renewable energy statewide



equivalent homes powered

4.6 MIL

tons of carbon emissions avoided.

That's like taking **1 MIL CARS** off the road.

California is the nation's

2nd

highest hydropower producer & energy consumer

& 2nd

lowest in energy use per capita



Other benefits of hydropower in California

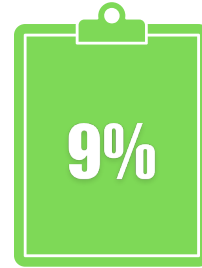
JOBS & ECONOMY



jobs in electric power generation

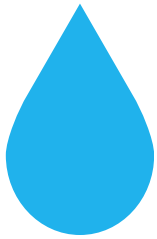


jobs in hydroelectric generation

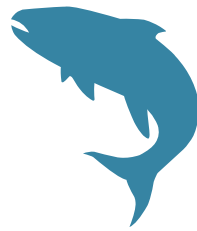


expected growth in electric power generation jobs

ENVIRONMENT



water temperature monitoring and regulation to maintain safe conditions for aquatic species

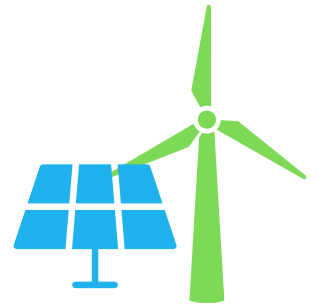


fish hatcheries and habitat restoration to help recover endangered species important to the state's history and cultural identity

protection of wildlife habitat such as old-growth forests, migratory corridors, and wetlands



on-demand power to integrate other carbon-free resources, like wind and solar, providing instant clean energy even when the sun isn't shining or the wind isn't blowing



RECREATION

Boating
Kayaking
Fishing
Swimming
Biking
Hiking
Wildlife viewing
Camping
& more!



No other energy source provides recreation like hydropower!



nwhydro.org

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Sources:

- US Energy Information Administration - eia.gov
- US Energy & Employment Report - energy.gov/USEER
- National Hydropower Association - hydro.org
- National Renewable Energy Laboratories - nrel.gov