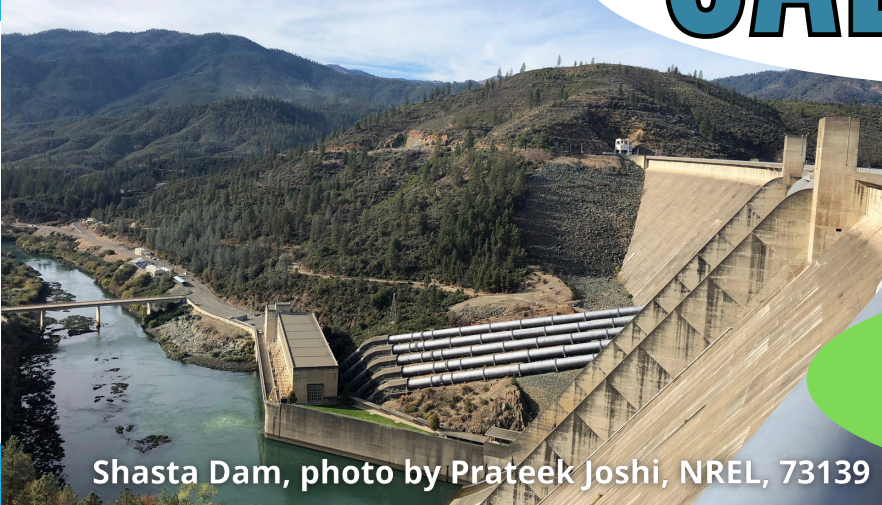


Hydropower in

CALIFORNIA



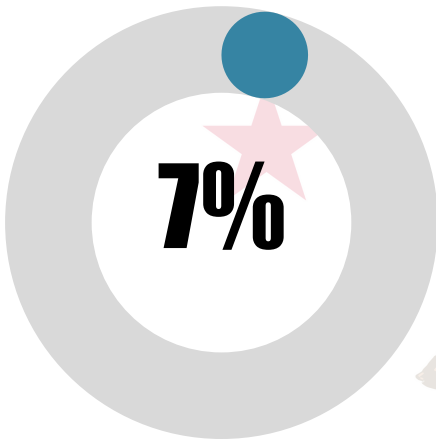
Shasta Dam, photo by Prateek Joshi, NREL, 73139

390

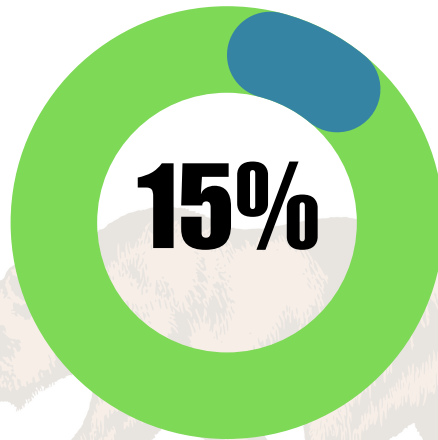
hydroelectric facilities

statewide annual hydroelectric generation (megawatt-hours)

14,678,000



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

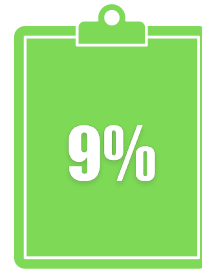
JOBS & ECONOMY



178,109
jobs in electric
power generation

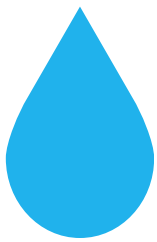


10,570
jobs in
hydroelectric
generation

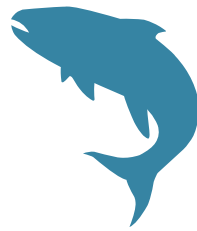


9%
expected growth
in electric power
generation jobs

ENVIRONMENT



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

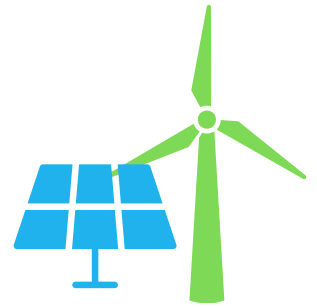


fish hatcheries and habitat restoration to
help recover endangered species important
to the state's history and cultural identity

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