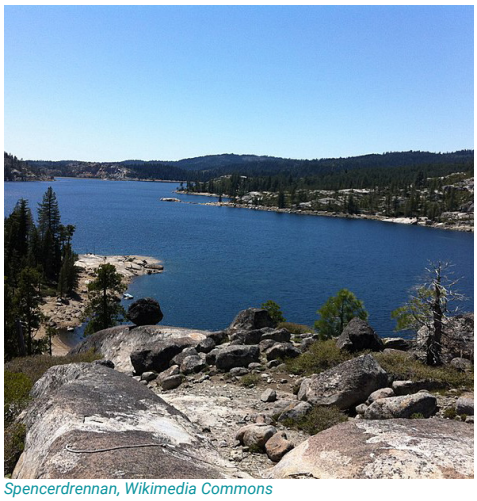
MOKELUMNE
Water Battery Project



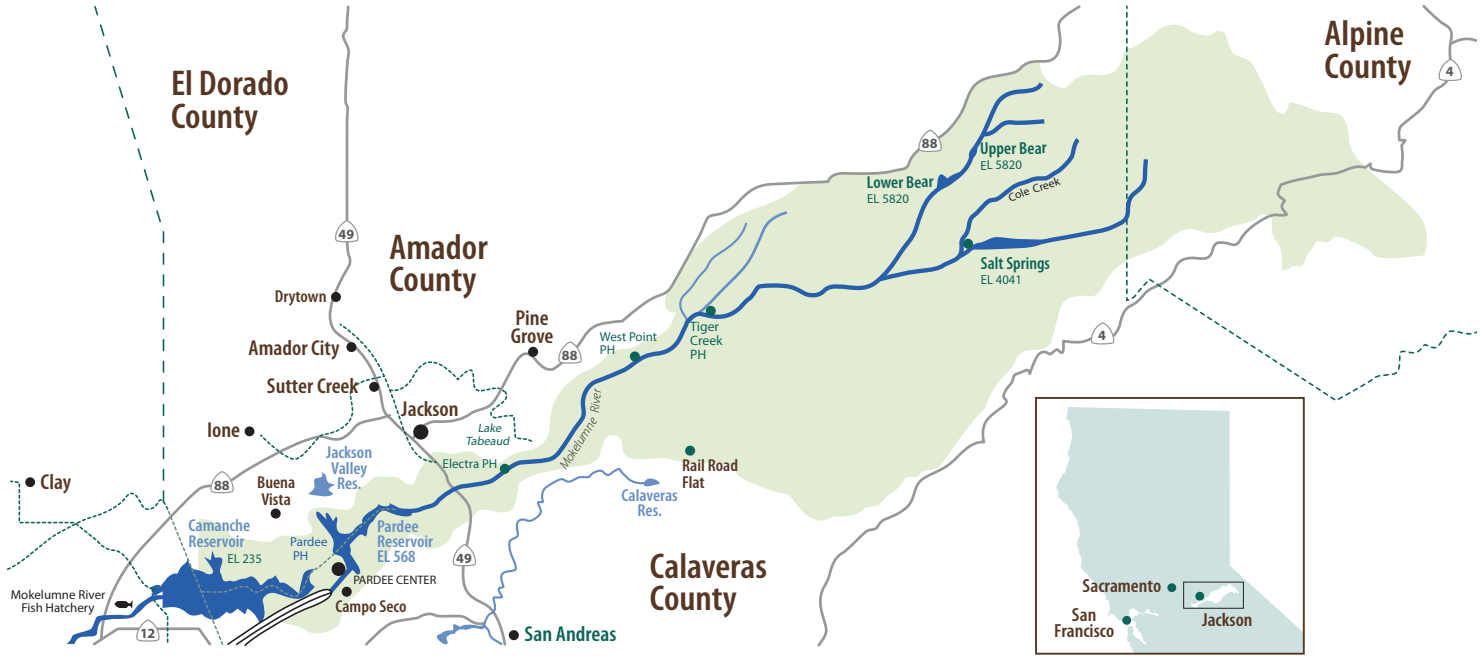
Spencerdrennan, Wikimedia Commons

WHAT IS THE MOKELUMNE WATER BATTERY PROJECT?

Pumped-storage hydropower is a method of storing energy by pumping water uphill and holding it in a reservoir. This water can be released downhill later through the hydropower turbines when it is most needed.

The Mokelumne Water Battery Project will reduce California's reliance on fossil fuels by meeting the state's energy demands with reliable renewable energy.

When GreenGen Storage completes the Project, it will provide between 400 and 1200 megawatts (MW) of energy, depending on the state's energy needs, engineering design, and environmental considerations.



WHERE IS IT LOCATED?

The Mokelumne Water Battery Project is located in the Sierra Nevada mountains, east of Sacramento. The project will pump water from the existing Salt Springs Reservoir up to the Lower Bear River and/or Upper Bear River Reservoirs, all located on the Mokelumne River. The project will also include a water conveyance tunnel connecting the reservoirs, powerhouse, transmission line, and other associated infrastructure.

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WHY IS THE PROJECT NEEDED?

California policy requires that 100% of energy used in the state be carbon-free by 2045. In order to replace the fossil-fuel based energy sources, California has an additional growing need for carbon-free energy sources that can be used during peak hours of electric demand.

Currently, more carbon-free energy is produced during the day than is needed, while energy consumption in the evening is higher and requires the use of fossil fuels to meet energy demand. This imbalance can be solved by storing excess carbon-free energy produced during the day and using it during peak hours. The Mokelumne Water Battery Project will do just that -- function as a large renewable battery to meet energy needs and reduce California's reliance on fossil fuels.

WHO IS DEVELOPING THE PROJECT?

GreenGen Storage is a California-based development team with specialized and highly skilled regulatory, legal, siting, permitting, and finance expertise in the energy sector. The executive team has over 60 years of experience evaluating energy projects in the public and private sectors.

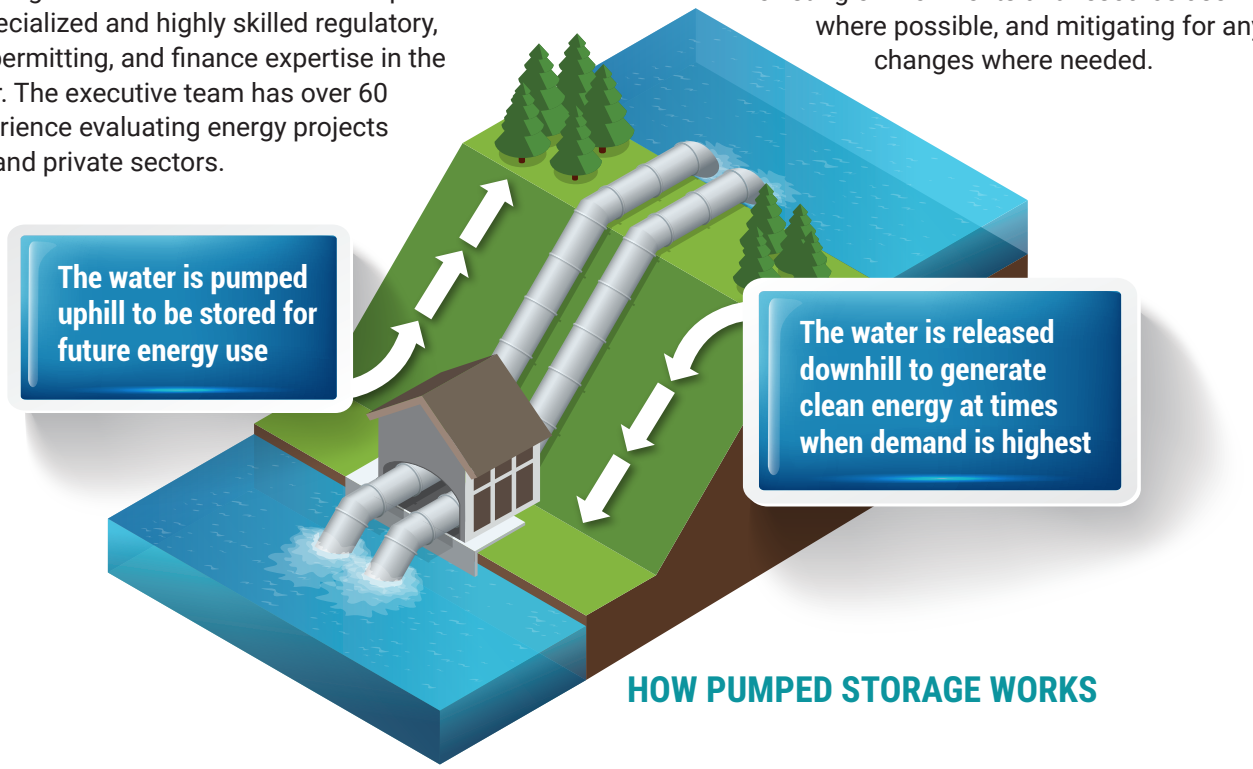
WHAT ARE THE BENEFITS?

The Mokelumne Water Battery Project will provide the following benefits for the region and the state:

- Provide carbon-free electricity, thereby reducing carbon emissions
- Meet the state's energy and emissions goals
- Create at least ten permanent jobs
- Provide local economic stimulus throughout project development and operations

COMMITMENT TO ENVIRONMENTAL PROTECTION

The project leaders have spent their careers working towards environmental causes and encouraging of renewable energy. Project development will be guided by this deep commitment to respecting and protecting existing environments and resource use where possible, and mitigating for any changes where needed.



HOW PUMPED STORAGE WORKS

WHAT IS THE PROJECT TIMELINE?

2018-2021
Project development, permitting, & stakeholder engagement

2022-2023+
Construction

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