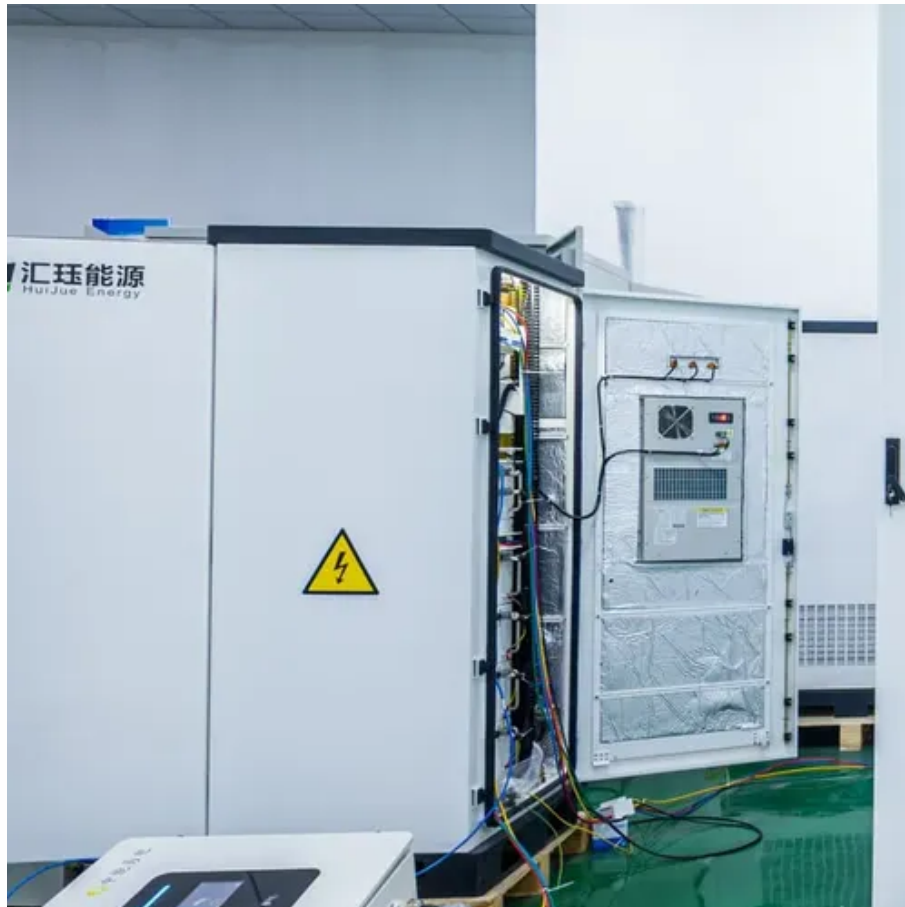




Pge energy storage projects





Overview

Portland General Electric (PGE) has completed the commissioning of three new battery energy storage systems (BESS), adding a total of 475 MW and 1.9 GWh of capacity to its grid in Oregon.

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The new portfolio consists of three four-hour duration projects finalized through the utility's 2021 all-source RFP. Portland General Electric (PGE) has completed the commissioning of three new battery energy storage systems (BESS), adding a total of 475 MW and 1.9 GWh of capacity to its grid in.

First-of-a-kind and fully sustainable microgrid platform, developed to support the long-term vision of the California Public Utility Commission and PG&E to ensure Calistoga's power resiliency during Public Safety Power Shutoffs (PSPS), creates blueprint for future installations across California.

PORTLAND, Ore., Aug. 7, 2025 /PRNewswire/ -- Portland General Electric (PGE) today announces the completion of three new utility-scale battery energy storage systems, adding 475 megawatts (MW) and more than 1.9 gigawatt hours (GWh) of dispatchable capacity to serve the Portland metro area.

PORTLAND, Ore., Aug. 7, 2025 /PRNewswire/ -- Portland General Electric (PGE) today announces the completion of three new utility-scale battery energy storage systems, adding 475 megawatts (MW) and more than 1.9 gigawatt hours (GWh) of dispatchable capacity to serve the Portland metro area.

Energy Vault, a provider of grid-scale energy storage solutions, and Pacific Gas and Electric Company (PG&E), announced the completion and commercial operation of the Calistoga Resiliency Center (CRC), a hybrid microgrid energy storage facility, located in Calistoga, Calif., that integrates.

Pictured at its 2022 ribbon-cutting, PG&E's only directly-owned BESS project, Elkhorn, is currently offline following the fire at the adjacent Moss Landing Energy Storage Facility in January, but expected to go back into action soon. Image: PG&E



via YouTube. California's largest electric utility.



Pge energy storage projects

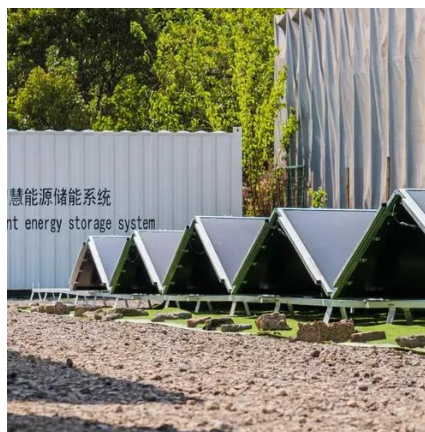


[Energy Vault, PG& E launch 'world's first' ultra-long duration hybrid](#)

PG& E argues that this project provides a unique, fully sustainable solution to address power resiliency amidst the growing challenges of wildfire risk in California.

[Pacific Gas and Electric Company](#)

Advanced Underground Compressed Air Energy Storage Project Description Pacific Gas and Electric Company's (PG& E) advanced underground, compressed air energy storage (CAES) ...



[Residential Storage Initiative , PG& E](#)

Learn about the Residential Storage Initiative (RSI) pilot program to see if you qualify to get a home battery storage system installed for free.



PG& E Corporation

Energy Vault® develops, deploys and operates utility-scale energy storage solutions designed to transform the world's approach to sustainable energy storage.



[NextEra, PGE open US' first wind-solar-battery project as Inflation](#)

Renewable energy advocates believe the Inflation Reduction Act will pave the way for more hybrid storage projects like Wheatridge Renewable Energy Facilities. [Read More](#)



[PGE procures 400MWAC of battery energy ...](#)

PGE said that the new projects will support Oregon's clean energy transition and represent the largest single procurement of ...



[PGE completes over 1.9GWh of BESS projects in ...](#)

PGE announced the completion of three battery energy storage systems (BESS) totalling more than 1.9GWh in Portland, Oregon, ...



[PGE Energizes 475 MW of Battery Energy Storage to Boost Grid](#)



PORTLAND, Ore., Aug. 7, 2025 /PRNewswire/ -- Portland General Electric (PGE) today announces the completion of three new utility-scale battery energy storage systems, adding ...



[PGE announces major clean energy storage project in Portland](#)

Portland General Electric, the utility that serves Portland, Oregon, announced Friday it is putting in the second-largest battery storage installation in the United States, 400 MW of power. Large ...



[PG& E proposes nearly 1,600 MW of new battery ...](#)

Including these nine new projects, PG& E now has contracts for battery energy storage systems totaling more than 3,330 MW of ...



PG& E Corporation

Energy Vault® develops, deploys and operates utility-scale energy storage solutions designed to transform the world's approach to ...

[Portland General Electric Brings 475 MW of Battery Storage ...](#)



Portland General Electric (PGE) has completed three new utility-scale battery energy storage projects, adding 475 MW and over 1.9 GWh of dispatchable capacity to its ...



[Battery Storage , PG& E](#)

See if an energy storage battery is right for you. Explore a residential solar battery system or business solar battery system.



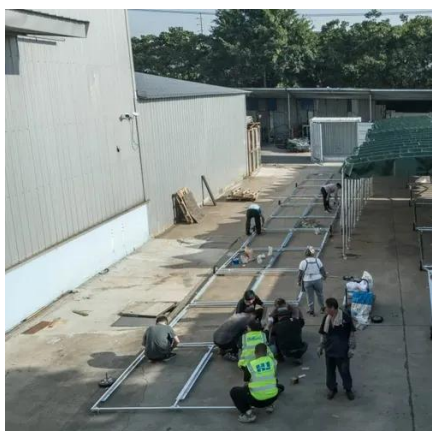
[PGE announces major clean energy storage ...](#)

Portland General Electric, the utility that serves Portland, Oregon, announced Friday it is putting in the second-largest battery storage installation in the ...



Energy Storage

Sundial, a battery storage facility built and owned by NextEra, delivers energy to PGE through a 20-year agreement and is part of projects ...



[Portland General Electric's 400 MW Battery Energy Storage Project](#)



Major Requirements The Portland General Electric (PGE) battery storage project requires advanced lithium-ion battery technology capable of four-hour energy discharge, a ...



The Next Giant Leap for Electric System Reliability: PG& E ...

Projects Expected to Deliver Clean Energy to Customers by 2024 As part of its mission to build a stronger, more resilient energy grid for the hometowns it serves, Pacific Gas ...



What's New

In order to meet the California Energy Commission requirements, PG& E now allows solar contractors to find and apply for ...



400 Megawatts of Battery Storage Coming to ...

Image courtesy of PGE Portland General Electric Co. (PGE) has announced the procurement of 400 megawatts (MWAC) of new ...



PGE wants to add solar to troubled wind farm ...



PGE, Oregon's largest electricity provider, is now proposing to construct a new 4,000-acre solar generation and energy storage project ...

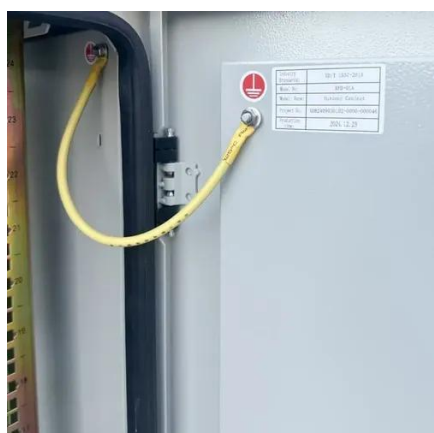


[California utility PG& E signs 1.8GWh long-duration ...](#)

California's largest electric utility, PG& E, has finalised an offtake agreement with Aypa Power for 1.8GWh of battery storage capacity.

[Poland: Pacific Green, PGE Group advance 1.200MWh of BESS](#)

PGE Group's ESP Zarnowiec pumped hydro plant. The company's 263MW BESS will be built adjacent to the long-duration energy storage plant. Image: PGE Group Energy ...



[California utility PG& E signs 1.8GWh long](#)

California's largest electric utility, PG& E, is continuing its push to establish a net-zero energy system by 2040, finalising an offtake agreement for 1.8GWh of battery storage ...

[PGE completes 1.9 GWh of battery storage projects in Oregon ...](#)



Portland General Electric (PGE) has completed the commissioning of three new battery energy storage systems (BESS), adding a total of 475 MW and 1.9 GWh of capacity to ...



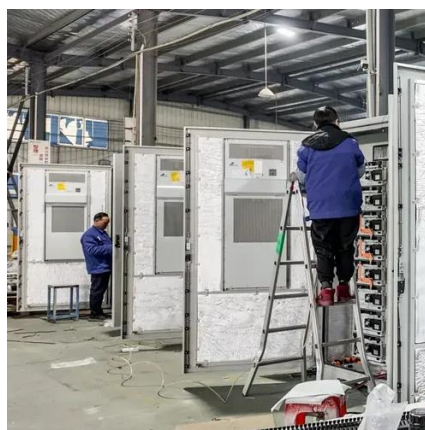
[Inside the battery projects redefining PG& E's grid upgrade playbook](#)

When PG& E issued the second solicitation for its Distribution Infrastructure Deferral Framework pilot in late 2023, most bidders proposed aggregated fleets of small, ...



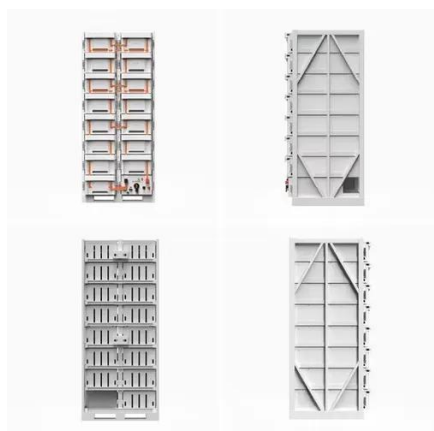
[Requests for Proposal \(RFP\) and Resource Acquisition , PGE](#)

PGE has issued a 2023 All-Source Request for Proposal - an important step in helping us acquire new clean energy resources and decarbonize Oregon's power supply.



[Poland: Tender for construction of 263 MW battery storage ...](#)

Polish utility PGE Group has launched a tender for the design and construction of a battery storage facility with a minimum capacity of at least 900 MWh. Meanwhile, Ukraine's ...





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