

To meet this target, California will need new, emissions-free, and cost-effective resources for ensuring grid reliability 24/7. Interest in long-duration energy storage (LDES) - which can store excess renewable energy ...

The project in Goleta, California, as it looks under construction. Image: Gridstor. Updated 8 June 2023: Gridstor VP of policy and strategy Jason Burwen offered some more details on the project to Energy-Storage.news. The ...

Long-time readers of Energy-Storage.news over the past 10 years will recall that as California's AB2514 legislation put in place a mandate for the IOUs to procure 1.325GW of energy storage between them by 2020, an outsized portion of our reporting was driven by activity in the California Independent System Operator (CAISO) bulk power system.

Finalised results were filed with the Federal Energy Regulatory Commission (FERC) for approval, the ISO said last week (21 February). Energy storage took a 6% share of that awarded total, amounting to more than 1,800MW of energy storage. While the majority will be existing facilities, more than 700MW of new build projects won with their bids.

Update 28 January 2021: An AES Corporation representative told Energy-Storage.news that the new natural gas plant at the Alamitos site went online in early 2020 and offered a bit more clarity on the applications and benefits of the battery project, as well as sharing some photographs of the project, which we've also added: "The BESS is sited at the Alamitos ...

The project in Goleta, California, as it looks under construction. Image: Gridstor. Updated 8 June 2023: Gridstor VP of policy and strategy Jason Burwen offered some more details on the project to Energy-Storage.news. The Goleta facility is a merchant resource, but has a resource adequacy (RA) contract with utility Southern California Edison (SCE), he said.

1 ¶; In a study on battery energy storage last year, the California Independent System Operator ("CAISO") estimated that California is projected to need 50 gigawatts of energy ...

Developer Ethical Power has received planning consent for a 65MW solar-plus-storage project near Christchurch, New Zealand. Named Buckleys Road Solar Farm, the project, being developed in partnership with KeaX Limited, features 104 hectares of solar arrays across a 111-hectare site.

The Edwards & Sanborn solar-plus-storage project in California is now fully online, with 875MWdc of solar PV and 3,287MWh of battery energy storage system (BESS) capacity, the world's largest. The 4,600-acre project in ...

According to the release, CCAs have now signed 346 long-term offtake agreements covering over 18GW from "new-build clean energy resources." This total includes over 7,600MW of energy storage capacity made up of 4,881MW from standalone storage assets and 2,785MW from energy storage facilities co-located with other resources.

New Zealand has a national net zero by 2030 policy goal and WEL Networks said the Waikato BESS will be designed to serve the entire electricity value chain, from allowing for more renewable energy to be installed ...

The German government has opened a public consultation on new frameworks to procure energy resources, including long-duration energy storage (LDES). Under the proposed Kraftwerkssicherheitsgesetz, loosely translated as the Power Plant Safety Act, the Ministry for the Economy and Climate Change (BMWK) would seek resources, including 12.5GW of ...

The energy storage system in Lancaster, California. Image: B2U. B2U Storage Solutions has further expanded its in-house second life energy storage project in California to 25MWh, an alternative approach to peers which president Freeman Hall explained to Energy-Storage.news.. The Sierra solar-plus-storage project in Lancaster, California, is now comprised ...

New Zealand's first megawatt-scale Tesla BESS, inaugurated in 2016. Image: Vector Energy Development approvals have been granted for New Zealand's biggest planned battery energy storage system (BESS) to date. The 100MW battery storage project is in development by electricity generator and retailer Meridian Energy at Ruakaka on New ...

Power from new co-located renewable energy and battery projects in California will be bought by Amazon and a number of Community Choice Aggregators (CCAs). A celebration event was held on Tuesday (22 October) to inaugurate two new solar-plus-storage power plants in Adelanto, a city in California's San Bernadino County, by their developer and ...

The remainder of the capacity is contracted with two California Community Choice Aggregators (CCAs) - CleanPowerSF (75MW/300MWh) and Marin Clean Energy (100MW/400MWh) - under two separate 15-year energy storage offtake agreements that were finalised last year. 2-year moratorium on new BESS facilities

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