

# CEC ANTANANARIVO ENERGY STORAGE POWER STATION



The project consists of a 1,150 megawatt (MW) solar photovoltaic (PV) facility, an up to 4,600 megawatt-hour battery energy storage system (BESS), a 34.5-500 kilovolt (kV) grid step-up substation, a 10- to 15-mile 500 kV generation intertie (gen ???)



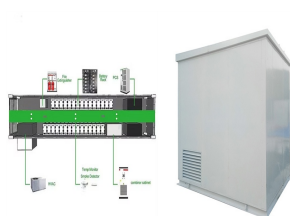
The Stanton Energy Reliability Center is a 98-megawatt natural gas-fired, simple-cycle facility with an integrated GE Battery Energy Storage System located in Stanton, Orange County. The project was certified by the CEC on November 7, 2018 and ???



On March 31, the second phase of the 100 MW/200 MWh energy storage station, a supporting project of the Ningxia Power's East Ningxia Composite Photovoltaic Base Project under CHN Energy, was successfully connected to the grid. This marks the completion and operation of the largest grid-forming energy storage station in China.



The information in these charts and tables is based on metering at each power plant site and, therefore, does not account for the 7-8 percent (typical) loss attributed to transmission for delivery to the customer's meter. the information includes both retail sales and non-retail sales such as water delivery and pumped storage. The



The Los Esteros Critical Energy Facility (LECEF) is a natural gas fired power plant located at 800 Thomas Foon Chew Way, northern San Jose, Santa Clara County. LECEF, Phase 1 (01-AFC-12C), was originally granted a license by the California Energy Commission (CEC) on July 2, 2002 and became operational in March 2003.

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The Madagascan water and electricity company and an Italian partner are planning to build a hydroelectric power plant in Antananarivo. Combined with two solar installations, the facility will produce 35 MW of electricity to fill the energy gap in and around the capital of Madagascar. Malian gold mine to be powered by 3.9 MW/2.6 MWh solar



Details of the energy storage fleet, a key component in the state's transition to 100 percent clean energy by 2045, are now available in a new online dashboard unveiled by the California Energy Commission (CEC). The dashboard presents statewide information for the first time and features data on more than 122,000 residential, commercial, and



The California Energy Commission is investing in the charging infrastructure and technologies that are helping to drive the transition to clean, zero-emission electric vehicles throughout the state. The Energy Commission is also supporting strategic regional planning to support adoption of ???



The Draft Environmental Impact Report (EIR) for the Morro Bay Battery Energy Storage System (BESS) project was available for public review and comment from March 11 through May 28, 2024. This 79-day public review period exceeds the 45-day review period required under the California Environmental Quality Act (CEQA). Each comment letter ???



The power station, with a 300MW system, is claimed to be the largest compressed air energy storage power station in the world, with highest efficiency and lowest unit cost as well. With a total investment of 1.496 billion yuan (\$206 million), its rated design efficiency is 72.1 percent,

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The Colusa Generating Station (CGS) is located in the unincorporated portion of Colusa County, approximately 6 miles north of the community of Maxwell, on a 100-acre parcel that is leased from the 4,800-acre Holthouse Ranch property, approximately 14 miles north of Williams and 4 miles west of Interstate 5.



Permitting is crucial to deploy renewable energy power plants, which are essential to meet the state's climate goals. With half a century of permitting experience under the California Environmental Quality Act, Assembly Bill 205 (2022) has broadened the California Energy Commission's (CEC) authority.



The Pecho Energy Storage Center (PESC) would be located at 2284 Adobe Road, San Luis Obispo County. PESC would be developed by Pecho LD Energy Storage, LLC, a joint venture of Hydrostor, Inc. and Meridiam Infrastructure Partners. Power Plant Certification and Exemption Processes California Energy Commission 715 P Street Sacramento, CA



Vistra Energy has decided to pursue approval to construct a 600MW/2,400MWh BESS at the site of a retired power plant in the City of Morro Bay via the California Energy Commission (CEC). Ormat puts 320MWh California BESS ???



WE PROVIDE CUTTING-EDGE SOLUTIONS TO MEET THE GROWING DEMAND FOR RELIABLE AND EFFICIENT ENERGY STORAGE. At CEC Energy, we prioritize transparent communication and disciplined project management. Our approach is characterized by systematic workmanship, and our dedication to customer satisfaction shines through in every aspect of ???

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The California Energy Commission (CEC) approved a new virtual power plant (VPP) program that will tap into thousands of solar-charged batteries ??? approximately 100,000 ??? located at homes and businesses throughout the state.. This Demand Side Grid Support program allow fleets of customer-sited batteries to be remotely dispatched when demand for electricity ???



On November 16, Fujian GW-level Ningde Xiapu Energy Storage Power Station (Phase I) of State Grid Times successfully transmitted power. The project is mainly invested by State Grid Integrated Energy and CATL, which is the largest single grid-side standalone station-type electrochemical energy storage power station in China so far. The total



The Alamitos Energy Center (AEC) is located on approximately 21 acres of the 71-acre brownfield Alamitos Generating Station (AGS) site. The proposed project site is bounded to the north by State Route 22; to the east by the San Gabriel River; to the south by 2nd Street; and to the west by N. Studebaker Rd., in the city of Long Beach, Los Angeles County, California.



Please use the filters on sidebar to refine the list based on technology used by the power plant and the status of the project. Potentia-Viridi Battery Energy Storage System. Procter and Gamble Power Plant. Quicksilver Geothermal Project - Unit 16. California Energy Commission 715 P Street Sacramento, CA 95814. [Contact Us](#) | [Directions](#)



The California Energy Commission assesses and analyzes California's energy industry, supply, production, transportation, delivery and distribution, energy shortage contingencies, demand, and prices. The Energy Commission also forecasts electricity ???

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TAX FREE



The power plant locations and characteristics are part of the California Energy Commission's (CEC) California Energy Infrastructure geospatial data sets. The data is derived from the CEC's QFER-1304 Power Plant Owner Reporting Database and is updated annually.



LOADING COOLER  
INTELLIGENT PROTECTION  
PROTECTION FEATURES  
BATTERY MANAGEMENT



The Morton Bay Geothermal Project (MBGP) is proposed to be developed by Morton Bay Geothermal, LLC, an indirect, wholly owned subsidiary of BHE Renewables, LLC (BHER). The project is on 63 acres of a 160-acre parcel in unincorporated Imperial County, bounded by McDonald Road to the north, Davis Road to the east, Schrimpf Road to the south, and the ???



Levy Alameda, LLC (Applicant), a wholly owned subsidiary of Obra Maestra Renewables, LLC, proposes to construct, operate, and decommission the 400-megawatt (MW) Potentia-Viridi Battery Energy Storage System (project) on approximately 85 acres in eastern Alameda County with an expected online date of June 2028.



2MW / 5MWh  
Customizable



California, Connecticut, and Vermont explicitly include energy storage projects alongside other power plants and related infrastructure under each state's power plant siting authority. New York power plant siting authority, meanwhile, applies to energy storage when paired with on-site energy generation while exempting stand-alone storage



The Genesis Solar Energy Project (GSEP) is located on approximately 1,800 acres at 11995 Wiley's Well Road, about 25 miles west of the city of Blythe, Riverside County, California. GSEP is in an undeveloped area of the Sonoran Desert on lands managed by the Bureau of Land Management. It is surrounded by the McCoy Mountains to the east, the Palen Mountains ???

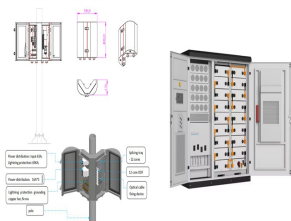
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(xlsx, 114 kb) | Instructions (pdf, 93.2 kb). Power plants with a total nameplate capacity of 1MW or more provide information on their gross generation, net generation, fuel use by fuel type for each generator, as well as total electricity consumed on site and electricity sales for the plant as a whole.



Blueprint is the California Energy Commission's quarterly e-newsletter that delves into the Building Energy Efficiency Standards and provides examples of projects. The newsletter provides updates, answers to frequently asked questions, clarifications to requirements, announcements, and educational resources and training.



Order Approving Request to extend Construction Milestone, TN 32227, 08/30/2004, Order No. 04-0825-04, Commission approval of request to extend construction milestones.; Order Approving Addition of Pacific Gas and Electric Company as Co-Owner and Operator with Mirant Delta, LLC, TN 37486, 07/27/2006, Order No. 06-0705-08, Commission approval for addition of PGE as co ???



In this pilot project, the foundations of the wind turbines are used as upper reservoirs of a PHS facility. They are connected to a pumped-storage power station in the valley that can provide ???