



To combat climate change while capturing health and economic benefits, the City of Los Angeles has set ambitious goals to transform its electricity supply, aiming for a 100% renewable energy power system by 2045, along with a push to electrify the buildings and transportation sectors. To reach these goals, and assess the implications for jobs, electricity rates, the environment, and



Victoria's legislated energy storage targets are: at least 2.6 GW of energy storage capacity by 2030; at least 6.3 GW by 2035. The energy storage targets will include short, medium and long duration energy storage systems, allowing energy to be moved around during the day to meet demand and to be supplied through longer duration imbalances.



The Energy Storage Services Sr Analyst/ Manager will be the primary point of contact for Standard Solar's energy storage related activities. This position supports all energy storage support activities from assisting Business Development with evaluating storage opportunities through engineering, procurement, installation, commissioning, financing, and ongoing operations.

# ENERGY STORAGE TARGET LOS ANGELES



[Vopak]- Vopak celebrates the repurposing of 22 tanks at Vopak's Los Angeles terminal in California, USA. With a combined capacity of 148,000 cubic meters (39 million gallons), this is a clear example of how storage capacity used for traditional products can be repurposed to store the products of the future like Sustainable Aviation Fuel (SAF) and renewable diesel.



Located in Stanton, Orange County, California, the Stanton Battery Energy Storage (SBES) project serves the California Independent System Operator (CAISO) market with resource adequacy (RA), ancillary services, and merchant power capabilities to support bulk renewable energy shifting in the transmission-constrained Los Angeles area. Energy Vault completed ???



The \$19 million Beacon BESS is LADWP's first utility-scale battery energy storage project, installed alongside new solar photovoltaic (PV) power plants totaling 570 MW in the Mojave Desert

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DOE OE GLOBAL ENERGY STORAGE  
DATABASE Page 1 of 17 CALIFORNIA ENERGY  
STORAGE POLICY STORAGE POLICY  
SNAPSHOT Does California have an renewables  
mandate? YES. 50 percent renewables by 2026 and  
60 percent renewables by 2030 Does California  
have a state mandate or target for storage? YES.  
1,325 MW by 2020 Does ???



The Los Angeles Department of Water and Power  
(LADWP) consists of two systems, the Water  
System and the Power System, delivering both  
drinking water and electricity to residents of Los  
Angeles County (LA). water system operations  
charge up water storage tanks during the evening  
prior to or the morning of the event. Then, tank  
water system



City of Los Angeles amendment pages fully  
integrated into the 2019 California Fire Code (Title  
24, Part 9). The provisions in this section are  
applicable to energy storage systems designed to  
provide electrical power to a building or facility.  
These systems are used to provide standby or  
emergency power, an uninterruptable power

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EV chargers, energy storage, solar photovoltaic systems (PV), and demand response infrastructure in one robust platform to support the Los Angeles Department of Water and Power's (LADWP) distribution system during times of grid stress, like extreme weather. The CGIP will provide distributed energy resources (DERs) that can be controlled in



In 2019, Mayor Garcetti announced the approval of power purchase agreements for the Eland Solar and Storage Center ??? the largest solar and battery energy storage system in the United States, capable of producing and holding enough energy to power 283,330 homes across Los Angeles.



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John Dennis, Los Angeles Department of Water and Power (via WebEx) Kelly Rodgers, San Diego Water Authority . Commission (CPUC) is prompting a 1,325 MW energy storage target for California's investor-owned utilities (IOU). However, pumped storage projects larger than



LADWP partnered with the National Renewable Energy Laboratory (NREL) on the Los Angeles 100% Renewable Energy Study (LA100), a first-of-its-kind objective, highly detailed, rigorous, and science-based study to analyze potential pathways the community can take to achieve a 100% clean energy future.



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The BESS will help LADWP meet its target of 178 MW of new energy storage by 2021, as set forth in AB 2514, which allows local governing bodies, such as the Los Angeles City Council and its Board of Water and Power Commissioners, to establish energy storage targets for their public power utility. constructed 1,200 MW Barren Ridge Renewable



Los Angeles County tested two main approaches: the Energy Champions Program, which encouraged community organizations such as churches and schools to promote energy upgrades to their members; and the Home Energy Makeover Contest, which raised awareness as homeowners entered to win free home energy upgrades and assessments through Energy ???



Support the development and domestic manufacture of energy storage technologies that can meet all U.S. market demands by 2030, including the DOE's Long Duration Storage Shot, which establishes a target to reduce the cost of grid-scale energy storage by 90% for systems that deliver 10+ hours of duration within the decade.

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Beacon Solar and Battery Energy Storage Project is the first of its kind for Los Angeles. With 250 megawatts of generation capacity, it is one of the largest solar facilities used by the city. This case study examines the purpose of this joint facility in the context of LA's 100% renewable energy target and alignment with ASCE's policy

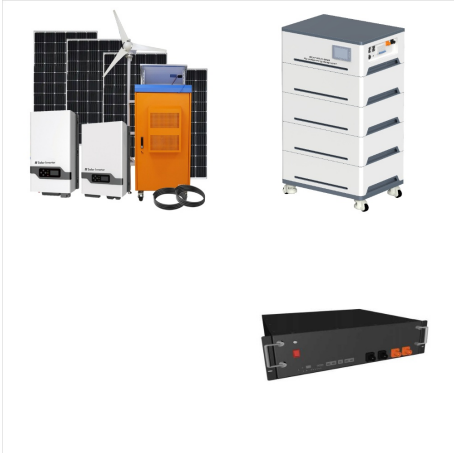


Los Angeles Mayor Eric Garcetti on Monday said the city would abandon plans to rebuild three coastal gas-fired power plants, and instead will focus on energy storage energy target by 2045



LOS ANGELES ??? As LADWP and other utilities continue efforts to ensure electric reliability for customers following the Aliso Canyon Natural Gas Storage Facility leak in 2015, the Los Angeles Department of Water and Power (LADWP) is ramping up its utility-scale energy storage development to help integrate more renewables like solar energy into

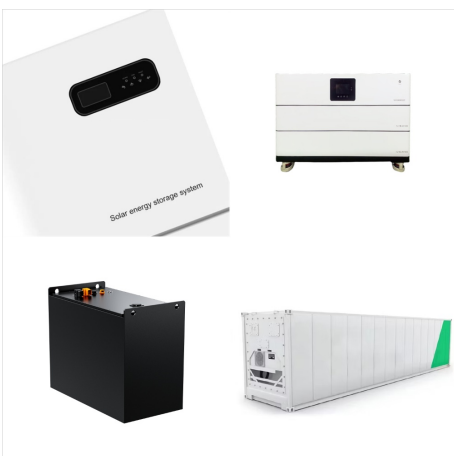
# ENERGY STORAGE TARGET LOS ANGELES



LADWP continues working aggressively to expand Los Angeles' supply of biomass, and small hydroelectric power, along with other clean energy solutions such as energy storage, energy efficiency, demand response programs and LADWP was among the first electric utilities to achieve the first major state legislated target of 20% renewables by



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 during periods of low energy demand and release it when demand is high ??? has been growing as a potential solution.



The possibility of reaching 100% clean energy by 2035 is one of several options the researchers studied in detail. Under a different scenario, L.A. would still get about 10% of its electricity



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Selected and Awarded Projects. On September 22, 2023, OCED announced projects selected for award negotiations following a rigorous Merit Review process to identify meritorious applications based on the criteria listed in the Funding Opportunity Announcement.. A wards are being made on an ongoing basis, starting in June 2024. Learn more about the selected and awarded ???



DERs include local solar projects on rooftops in Los Angeles as well as battery storage and microgrids. Our goals are to expand local solar by deploying 1,000 MW and offsetting approximately 600 MW of power capacity during peak periods through demand response programs by 2035. We met and exceeded our target of 15 percent cumulative energy