

How does California regulate solar energy?

The California Energy Commission licenses solar thermal plants above 50 megawatts and promotes solar photovoltaic installation through the Renewables Portfolio Standard, with building efficiency standards, and as a partner in the California Solar Initiative. Solar cells convert solar energy into electricity.

Should community solar be on a distribution circuit?

The proposed new standards make other adjustments to the community solar compliance option such as that the community solar project must be on a distribution circuit, though the Commission stopped short of making other changes we advocated for such as that the energy bill savings should be comparable to that of customer-sited solar.

How many kWh does a household use in California?

Sources: California Public Utilities Commission proposed decision, 2019 California Residential Appliance Saturation Study, CPUC Family Electric Rate Assistance Program o User designations based on on lowest quartile (313 kWh), average (515 kWh) and highest quartile (647 kWh) monthly electricity consumption figures reported in 2019 RASS.

Does solar hot water have a compliance credit?

As a result of the report commissioned by CALSSA on the cost-effectiveness and GHG reduction benefits of different water heating technologies, the standards have increased the amount of compliance credit for solar hot water.

# CA ENERGY COMMISSION SOLAR VOTE



The Energy Commission makes program awards through competitive solicitations. Eligible entities, including private entities and local jurisdictions, can qualify for financial assistance for a wide variety of geothermal-related projects, including geothermal technology research demonstrations; resource assessment, exploration, and development; local and regional ???



The California Energy Commission's Reliability, Renewable Energy & Decarbonization Incentives Division (RREDI) develops and administers the state's renewable energy, grid reliability, and building decarbonization incentive programs, which are helping California achieve its 100 percent clean energy goal and combating climate change.



To help make sense of it all, the California Energy Commission recently partnered with San Francisco-based Energy and Environmental Economics, Inc. (E3) to develop the Solar+ Storage Modeling Tool, which easily assesses the cost effectiveness and benefits of solar, storage, and other DER technologies.

# CA ENERGY COMMISSION SOLAR VOTE



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 ???



The California Energy Commission adopted the 2025 updates to California's Building Energy Efficiency Standards (Energy Code). The Code update is estimated to save \$4.8 billion in energy costs, reduce greenhouse gas emissions by about 4 million metric tons, and make homes and buildings more climate-resilient and comfortable.



Signs of progress are emerging. From January to mid-July of this year, zero-carbon, renewable energy exceeded demand in California for 945 hours during 146 days ??? equivalent to a month-and-a-half of 100% fossil-fuel-free electricity, according to the California Energy Commission, the state agency tasked with carrying out the clean energy mandates.

# CA ENERGY COMMISSION SOLAR VOTE



The California Energy Resource and Reliability Outlook is the California Energy Commission's comprehensive, statewide assessment of electric and natural gas energy resource planning and reliability for the upcoming summer and midterm, spanning the next five years. Outlooks in future years will include petroleum resources.



SACRAMENTO ??? California's battery storage capacity has expanded rapidly, increasing by 3,012 megawatts (MW) in just six months to reach a total of 13,391 MW. This growth marks a 30% increase since April 2024, underscoring the state's swift progress in building out clean energy infrastructure, especially during a summer marked by record-breaking heat.



This project assessed the performance and benefits of integrated solar photovoltaic, battery storage, and microgrid control technologies for small commercial buildings. A standard solution was developed in which solar + storage is improved with flexible load control to reduce capital, operating, and management costs while supporting distribution grid functions. While ???



# CA ENERGY COMMISSION SOLAR VOTE



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David Hochschild was appointed chair of the California Energy Commission by Governor Gavin Newsom in February 2019. He first got involved in the solar energy field in 2001 in San Francisco as a special assistant to Mayor Willie Brown where Chair Hochschild launched a citywide \$100 million initiative to put solar panels on public buildings



The California Public Utilities Commission (CPUC) today issued a decision that modernizes the Net Energy Metering (NEM) solar tariff to promote grid reliability, incentivizes solar and battery ???

# CA ENERGY COMMISSION SOLAR VOTE



Building Energy Efficiency Standards; 2022 Building Energy Efficiency Standards; 2019 Building Energy Efficiency Standards; 2016 Building Energy Efficiency Standards; Energy Code Hotline Submission Form; Energy Code Support Center; Workshops, Notices, and Documents



For Immediate Release: Aug 13, 2024. Comunicado de prensa en espa?ol - PDF. SACRAMENTO-- The California State Senate last Thursday unanimously confirmed David Hochschild for his third term with the California Energy Commission (CEC) where he has served as chair since 2019.. Over his past five years as chair, the state has experienced robust ???



Building Energy Benchmarking webpage for more information on the program and reporting requirements. For assistance with Benchmarking requirements, reporting to the Energy Commission, etc. please call (855) 279-6460 or email [benchmarking@energy.ca.gov](mailto:benchmarking@energy.ca.gov).

# CA ENERGY COMMISSION SOLAR VOTE



Solar energy in California falls into two categories: solar thermal and solar photovoltaic. The California Energy Commission licenses solar thermal plants above 50 megawatts and promotes solar photovoltaic installation through the Renewables Portfolio Standard, with building efficiency standards, and as a partner in the California Solar Initiative.



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 California Energy Commission makes no claim or warranty on the equipment and its safety, performance, or durability. Submitted information is reviewed by the California Energy Commission prior to equipment being added to the Energy Commission's Solar Equipment Lists, manufacturers' self-reported information is not confirmed.

# CA ENERGY COMMISSION SOLAR VOTE



Solar Microgrid Breaks Ground in Northern California Tribal Community; California Energy Commission Awards Clean Energy Loan to Middletown Rancheria to Build Solar Photovoltaic Project; 2023. CEC Celebrates Winners of the 2023 Clean Energy Hall of Fame Awards; CEC Adopts Resolution Supporting California Tribal Energy Sovereignty; CEC Awards \$30



The California Energy Commission provides access to data on energy production, consumption, research, conservation and use in California, as well as information on renewable energy, and thermal power plant licensing.



The New Solar Homes Partnership Program is part of a statewide solar program known as the California Solar Initiative and provides financial incentives for installing solar energy systems on new residential buildings. California Energy Commission 715 P Street Sacramento, CA 95814 Learn more about Careers. Campaigns. Register to Vote; Be



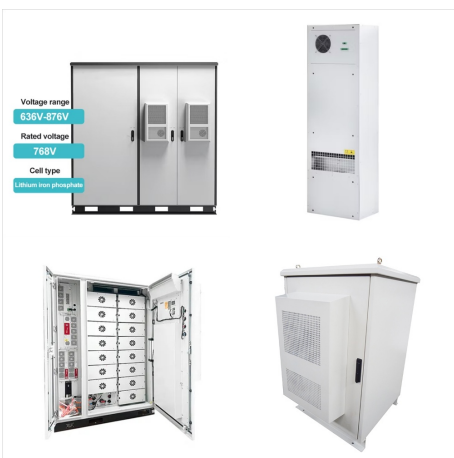
# CA ENERGY COMMISSION SOLAR VOTE



Energy efficiency means adapting technology to meet consumer needs while using less energy. The California Energy Commission adopts energy efficiency standards for appliances and buildings, which reduces air pollution and saves consumers money. Information is available on efficiency standards, programs, compliance, and training.



Note #2: Hybrid inverters are capable of taking DC power input from both a solar system and an energy storage system. These models are listed on both the solar and battery inverter lists to reflect the dual functionality. Refer to the manufacturer's documentation for more information on the exact functionality and limitations.



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916-654-4120 Register to Vote; Be Counted,  
California; Energy Upgrade California; Save Our  
Water . Back to Top; Accessibility;

# CA ENERGY COMMISSION SOLAR VOTE



SACRAMENTO ??? The California Energy Commission (CEC) today joined with the U.S. Department of Energy (DOE) to announce California is launching the first of two federally-funded Inflation Reduction Act (IRA) Residential Energy Rebate Programs.. Applications are open for the first phase of the Home Electrification and Appliance Rebates (HEAR or HEEHRA in ???



The California Energy Commission offers a variety of funding opportunities to advance the state's transition to clean energy and transportation through innovation, efficiency, and the development and deployment of advanced technologies.



People wanting to buy a new home in California may soon face an additional upfront expense: solar panels that will reduce energy use. The California Energy Commission voted unanimously on