



California renewable energy building over federal protected land

"The 2016 Desert Renewable Energy Conservation Plan is the result of over eight years of collaborative effort and public participation involving the California Energy Commission, California Department of Fish and Wildlife, the U.S. Bureau of Land Management, and the U.S. Fish and Wildlife Service, as well as local governments, renewable ...

WHAT YOU NEED TO KNOW: Governor Newsom announced the "Building the Electricity Grid of the Future: California's Clean Energy Transition Plan" today, showing how California will reach our goal of 100% clean electricity by 2045, while keeping costs affordable and maximizing our energy supply through this transition. RICHMOND - California has an ...

The US has a goal of generating 25 gigawatts of solar, wind, and geothermal energy--enough to power nearly 19 million homes--on America's public lands between 2021 and 2025. The Bureau of Land Management (BLM) ...

The state of California has not ceded jurisdiction over most federal land, and if a lease is entered into on public land, the state PI tax is likely to apply. ... where she serves renewable energy companies, start-ups, and solar, wind and geothermal producers. ... and solar, wind and geothermal producers. She can be reached at ...

It's a boom encouraged by the Biden administration, which has streamlined renewable energy development within roughly 11 million acres of federal desert land in seven ...

The final plan, called the Desert Renewable Energy Conservation Plan, identified 388,000 acres of land--enough to power more than 8 million homes--where clean energy development should be prioritized. Next, TNC conducted a statewide assessment to determine how California could scale up to 50-percent renewable energy and still protect a ...

Federal officials are grappling with those concerns as they try to meet a congressional target of permitting 25,000 megawatts of renewable energy on public lands by 2025, while also protecting 30% ...

California's dynamic renewable energy landscape is driven, in part, by legislation and renewable portfolio standards (RPS) that, for example, require renewables to serve 33% of retail ...

California Energy Commission's Renewable Energy for Agriculture Program offers grants encouraging the installation of renewable energy technologies. Energy Research and Development Learn more about the California Energy Commission's research, development and demonstration programs.



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1 Introduction. With the Green Energy and Green Economy Act, 2009, the Province of Ontario has placed a priority on expanding Ontario's use of clean and renewable sources of energy such as wind, water, solar, biomass, biogas and biofuels. Developing these substantial resources is a cornerstone of this province's future prosperity and its commitment ...

Introduction. The 2022 Inflation Reduction Act in the United States is expected to channel at least US\$370 billion in public funds to develop renewable energy, electric vehicles, clean fuels, advanced biofuels, and other clean technologies. It represents a generational investment in the clean energy transition--and one that is already paying dividends.

That is a bad outcome for customers, as it can drive up the cost of renewable energy and slow climate progress. Research shows that we can meet aggressive renewable energy goals on lands that are low impact for nature. In the central U.S. "wind belt," there is enough of this land to support 1,000 gigawatts of new wind development.

Palm Springs, Calif. - Representatives of Audubon California today said a new plan released today for renewable energy development across 10 million acres of federal public lands in the Mojave and Colorado Deserts will help birds two ways: first, by safeguarding the most important landscapes for resident and migratory birds; and second, by helping accelerate ...

Pursuant to the renewable electricity requirement in Section 203 of the Energy Policy Act (EPAAct) of 2005 (42 U.S.C. § 15852) as amended by The Energy Act of 2020, to the extent economically feasible and technically practicable, each fiscal year the Federal Government must consume at least 7.5 percent of its total electricity from renewable sources.

A. The Desert Renewable Energy Conservation Plan (DRECP) is an innovative landscape-level plan that streamlines renewable energy development, conserves valuable desert ecosystems and provides outdoor recreation opportunities. The DRECP is a major component of the President's Climate Action Plan and California's renewable energy planning ...

Federal officials are grappling with those concerns as they try to meet a congressional target of permitting 25,000 megawatts of renewable energy on public lands by 2025, while also protecting...

The US has a goal of generating 25 gigawatts of solar, wind, and geothermal energy--enough to power nearly 19 million homes--on America's public lands between 2021 and 2025. The Bureau of Land Management (BLM) said that federal lands "have a unique role in meeting Congress's direction under the Energy Act of 2020 and the Biden-Harris ...

SACRAMENTO - The latest data from the California Energy Commission (CEC) shows that in 2021 more



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than 37 percent of the state's electricity came from Renewables Portfolio Standard (RPS)-eligible sources such as solar and wind, an increase of 2.7 percent compared to 2020.. When combined with other sources of zero-carbon energy such as large hydroelectric ...

Citing clean energy goals, the Biden administration has streamlined solar power development within nearly 11 million acres of federal desert land in seven California counties ...

SACRAMENTO - The U.S. Department of Energy (DOE) and ARCHES announced the official signing of a landmark \$12.6 billion agreement to build a clean, renewable Hydrogen Hub in California, including the up to \$1.2 billion in federal funding that was announced last year when California was selected as a national hub. ARCHES is the first of seven Hydrogen Hubs ...

Project will provide clean, renewable energy to power over 207,000 homes. PALM SPRINGS, Calif. -- A new project on federal public lands is now delivering enough clean ...

California has long been synonymous with effective climate policy. Beginning in 2001, the Golden State established its first voluntary emissions reporting program under Gov. Gray Davis (D).

The need to mitigate climate change, safeguard energy security, and increase the sustainability of human activities is prompting the need for a rapid transition from carbon-intensive fuels to renewable energy ().Among renewable energy systems, solar energy has one of the greatest climate change mitigation potentials with life cycle emissions as low as 14 g CO₂ ...

Governor Jerry Brown recently signed into law SB 350, a landmark bill designed to promote greater implementation of renewable energy technologies over the next fifteen years. The new law will: (1) increase the state's renewable portfolio standard to fifty percent by 2030; and (2) increase building energy efficiency in the state by fifty percent by 2030. During the signing ...

In the three years since the Energy Policy Act of 2005 encouraged renewable energy development on federal land, the Bureau of Land Management has yet to approve a single concentrated solar or ...

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.

The BLM and the state of California forged this agreement in 2015 while developing the Desert Renewable Energy Conservation Plan, which established a landscape-level plan for renewable energy ...

Beyond profiting Clearway, Woody says these huge desert solar projects are needed if California is going to



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meet its ambitious green power targets. "California needs to add about six gigawatts a year of these renewable energy and storage projects to meet their clean energy goals, 90% by 2035 and 100% by 2045," says Woody.

The facility, which broke ground in August 2022 and is expected to be operational as early as December, could power 60,000 homes in the surrounding region and is capable of ...

The decision authorizes Sonoran West Solar Holdings LLC to build the \$550 million plant on about 2,000 acres (809.3 hectares) of BLM-administered lands about 13 miles (20.9 ...

Renewable Energy Projects Approved (as of September 1, 2024) As part of the Biden-Harris administration's efforts to achieve 100 percent carbon-free electricity by 2035 and meet the Energy Act of 2020 goal of permitting 25 gigawatts of renewable energy on public lands by 2025, the BLM has approved the following renewable energy projects with a Record of Decision or ...

very best renewable energy resources are far from population and energy demand centers. NREL calculates that a gross estimate of land needed for an 80% national renewable electricity future would be equivalent to less than about 3% of the U.S. land ...

The idea is this: state and federal legislation over the past decade have fast-tracked renewable energy projects. While this was good for the growth of renewable sector and the battle against climate change, it is important to consider the other ecological impacts of ...

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.

Cases like Desert Center are likely to multiply as the nation's buildout of large solar projects accelerates and the land opened for renewable energy development grows, especially ...

In fact, we found that nearly 74% and 90% of all PV and CSP installations in California, respectively, are located within 10 kilometers (6.2 miles) of the nearest federally ...

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