



Wind and photovoltaic power generation land use documents

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This report provides data and analysis of the land use associated with U.S. utility-scale 2 ground-mounted photovoltaic (PV) and concentrating solar power (CSP) facilities.

Solar and wind power are both commonly presented as alternatives to hydrocarbon-based power generation. Unlike more traditional forms of power, both solar and wind rely on ideal weather patterns ...

Applying "time to land use equivalency" theory, land consumption for extraction-based energy eventually catches up to the larger initial needs of renewable energy, and the land use impacts of each is about ...

This statute provides the framework for the development of solar energy and wind energy projects on federal lands managed by the Bureau of Land Management (BLM).

In this, the 2023 edition of this report, we present new estimates of the technical potential for land-based wind and solar photovoltaics (PV) for the contiguous United States (CONUS). We also provide cost ...

PDF | This work reviews over 100 academic studies and U.S. government reports on the land use impacts of solar and wind power. | Find, read and cite all the research you need on ...

In this original report, EIRP President Paul J. Saunders assesses over 100 academic studies and government reports on solar and wind power and presents five key findings.

A further challenge to understanding land use implications for solar and wind energy (as well as other forms of power generation) is that academic studies include varying assumptions, both quantitative ...

This study focuses on land-use impacts of past wind power generation development in four Brazilian federal states, covering 80% of the country's installed capacity.



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Abstract--The rapid deployment of large numbers of utility-scale photovoltaic (PV) plants in the United States, combined with heightened expectations of future deployment, has raised concerns about land ...

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