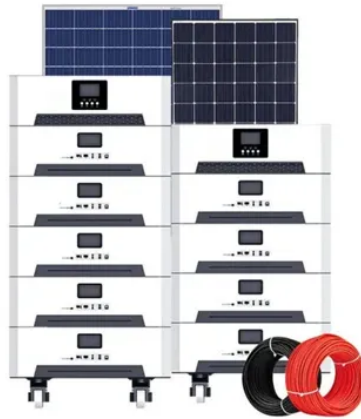


New energy replacement solar site



Overview

Explore the latest trends in solar energy siting, including shifts in site availability, parcel size, and hosting capacity. Communities across the nation are exploring new and innovative ways to utilize emerging energy technologies to repurpose retired coal power plants. These projects provide a pathway to a sustainable, economically viable future for energy communities, preserve jobs and provide clean energy to meet. After operating for more than 45 years, the Duane Arnold Energy Center, a single-unit 615 MWe boiling water reactor, shut down in 2020. Existing land and facilities at the power plant site can be repurposed, including disturbed lands for solar arrays and electricity infrastructure for. Nationwide, there are over 100 Superfund sites with active alternative energy uses onsite; several of these sites are also using renewable energy technologies as part of green remediation strategies for site cleanups. However, headwinds are also getting stronger.



Article Content

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US abandons solar project to restart 615MWe nuclear plant

The company has filed a request with FERC to reclaim grid rights, prioritizing nuclear power over a planned solar project.

Repurposing Retired Coal Plants for Energy Future

Solar energy is already in the process of being developed at several retired and retiring coal power plants across the country, such as the retired Coffeen power station that is anticipated to ...

Solar Siting Trends April 2025: Site Availability & Grid Capacity

Explore 2025 solar siting trends across the U.S., including site availability, parcel size, and hosting capacity shifts. Insights to guide your next project.

Alternative Energy at Superfund Sites

2024 Alternative Energy Projects Report Assessments/Reports Alternative Energy Reuse Examples Additional Resources Each year SRP releases a report highlighting alternative energy projects at sites. The report presents the installed capacity and estimated annual output of the onsite projects. In 2024, the installed capacity of alternative energy facilities at Superfund sites is enough to power more than 280,000 homes for one year. Read the full report: [1. Altern...](#) See more on [epa.gov](#) NY SERDA

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