Solar power plant land policy

We found total land-use requirements for solar power plants to have a wide range across technologies. Generation-weighted averages for total area requirements range from about 3 acres/GWh/yr for CSP ...

A strong solar ordinance will clearly govern the siting of industrial-scale solar power plants. We advocate for the avoidance of agricultural land, wetlands and ...

Discusses the land use and energy permitting processes for permission to build a solar array and provides examples of why permitting processes can affect farmland solar development.

Solar energy development projects on BLM-managed public lands are authorized as rights-of-way under Title V of the Federal Land Policy and ...

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 ...

Like fossil fuel power plants, solar plant development requires some grading of land and clearing of vegetation. However, as utility-scale photovoltaics (PV) technology has improved over the last ...

Because the vast majority of onshore renewable energy development is taking place on lands managed by the Bureau of Land Management (BLM), the largest federal land manager by acreage, this ...

prime farmland and natural areas to power production. Stormwater and vegetaion management strategies can help address these issues and make large-scale solar projects a win-win for ...

This chapter of The Law of Solar Guide offers essential insights for developing and operating low-maintenance, high-return solar projects while navigating complex ...

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