

Solar energy production support



Overview

There are two main types of solar energy technologies—photovoltaics (PV) and concentrating solar-thermal power (CSP). On this page you'll find resources to learn what solar energy is; how you, your business. Solar photovoltaics (PV) is a very modular technology that can be manufactured in large plants, which creates economies of scale, but can also be deployed in very small quantities at a time. This allows for a wide range of applications, from small residential roof-top systems up to utility-scale. Explore solar resource data via our online geospatial tools and downloadable maps and data sets. Find and download resource map images and data for North America, the. Manufacturing Renaissance: US solar manufacturing capacity has grown 190% year-over-year in 2024, reaching over 51 GW annually—enough to meet nearly all domestic demand while creating over 33,000 manufacturing jobs across the country. RESOLUTION RE: EXPRESSION OF SUPPORT FOR LAND USE AND PERMITTING FOR LESS THAN 5 ACRE COMMUNITY SOLAR GARDENS AND. Solar energy is the fastest-growing form of clean electricity in the US. The government instituted billions in incentives for US-manufactured solar hardware via the Inflation Reduction Act.

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[Solar Industry Research Data - SEIA](#)

The Interstate Renewable Energy Council (IREC) has reported that 280,000 Americans work in solar, as of 2024. Over 10,000 solar companies across U.S. states are responsible for this employment, with ...



[Solar Resource Data, Tools, and Maps . Geospatial Data Science . NLR](#)

Solar Resource Maps and Data Find and download resource map images and data for North America, the contiguous United States, Canada, Mexico, and Central America. Solar Supply ...



[Empowering solar energy production in the US](#)

The facility will produce solar modules, key hardware for solar technology projects, to help boost solar production in the US and meet growing global demand for the technology.



[Solar & Storage Supply Chain Dashboard](#)

A strong U.S. solar and storage manufacturing base can reduce supply chain uncertainty, drive clean energy deployment, and strengthen America's energy security.



[Resolution in Support of Farming and Energy Production](#)

Summary This resolution supports a balance between the importance of agriculture and the energy sectors. There needs to be a balance between traditional land use and emerging technologies.



[USDA & DOE Solar Energy and Farming Initiatives](#)

The U.S. Department of Agriculture (USDA) and U.S. Department of Energy (DOE) are working together to support farmers and rural communities make informed decisions about renewable energy.



[US Solar Manufacturing: Complete 2025 Guide To Domestic Production](#)

Comprehensive guide to US solar manufacturing: capacity, major producers, supply chain analysis, and how to source American-made solar equipment in 2025.



Solar Energy Program Overview

The Solar Program is executing the Solar America Initiative by working with industry, national laboratories, universities, and other members of the solar energy community.



Solar Energy

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