



# National policies related to solar panels and photovoltaics

What are solar interconnection standards & policies?

Solar Interconnection Standards & Policies Interconnection standards define how a distributed generation system, such as solar photovoltaics (PVs), can connect to the grid. In some areas of the United States, the interconnection process lacks consistent parameters and procedures for connecting to the grid or is unnecessarily complex.

How do government policies help promote solar energy deployment?

At the federal level, several key policies, programs, and regulations help promote solar energy deployment. Many of these policies help reduce the capital costs associated with developing new solar projects, making solar a more attractive option for communities across America.

How can state policies help grow solar energy?

Many policies that advance the growth of solar energy are established at the state level. This can include state tax incentives for solar, which provide an additional tax benefit on top of the federal ITC. Other state policies, discussed below, can include:

Are photovoltaic solar energy systems safe?

The safe and reliable installation of photovoltaic (PV) solar energy systems and their integration with the nation's electric grid requires timely development of the foundational codes and standards governing solar deployment.

Does the Solar Energy Industries Association encourage PV module recycling?

It then analyzes existing and proposed U.S. policies that may affect PV module recycling. Among the global and national voluntary industry stewardship standards related to EoL PV management, this paper discusses a Solar Energy Industries Association program encouraging PV recycling among its U.S. membership.

How do state and industry-led policies affect solar EOL management?

The state- and industry-led policies identified have diverse frameworks that cover different EoL management activities and impact different actors in the solar value chain. In 2017, Washington enacted the first law in the United States to require PV manufacturers to take back and reuse or recycle PV EoL modules from end users.

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