

Government Procurement of 30kW Photovoltaic Energy Storage Container for Oil Refineries





Overview

What are renewable power procurement guidelines?

These guidelines aim to promote competition, transparency, and standardized procurement to reduce power procurement costs, facilitate renewable capacity addition, and fulfill renewable purchase and storage power obligations.

What is a PPA for new energy storage resources?

Some PPAs for new energy storage resources have been structured as capacity-only contracts in which the developer is responsible for the sale of energy and all costs associated therewith—including the costs of the required energy procured from the utility.

Are solar manufacturers circumventing antidumping and countervailing duty orders?

The solar market was further constrained by an ongoing petition before the US Department of Commerce alleging that certain solar manufacturers in Southeast Asia were circumventing antidumping and countervailing duty (AD/CVD) orders on solar cells and modules from China.

How big will the energy industry be by 2030?

That said, the general view is that these near-term issues will be resolved and the industry will continue to grow, with projected installations of more than 400 gigawatts (GW) globally by 2030, which is 15 times the level of the market at the end of 2021.



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Energy Storage Container Procurement Specifications

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Federal Aggregated Solar Procurement ProjectUSDA Agricultural Research Services, Davis, CaliforniaUSDA Agricultural Research Services, Fort Collins, ColoradoLBNL assisted the USDA ARS in awarding a contract to install a 36-kilowatt, roof-mounted PV system at the agency's research farm on the outskirts of Fort Collins. This installation, slated for March 2021, eventually will include a battery energy storage system (BESS) to reduce demand charges and provide resiliency benefits. See more on [so.lbl.gov](https://www.solar.gov).
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