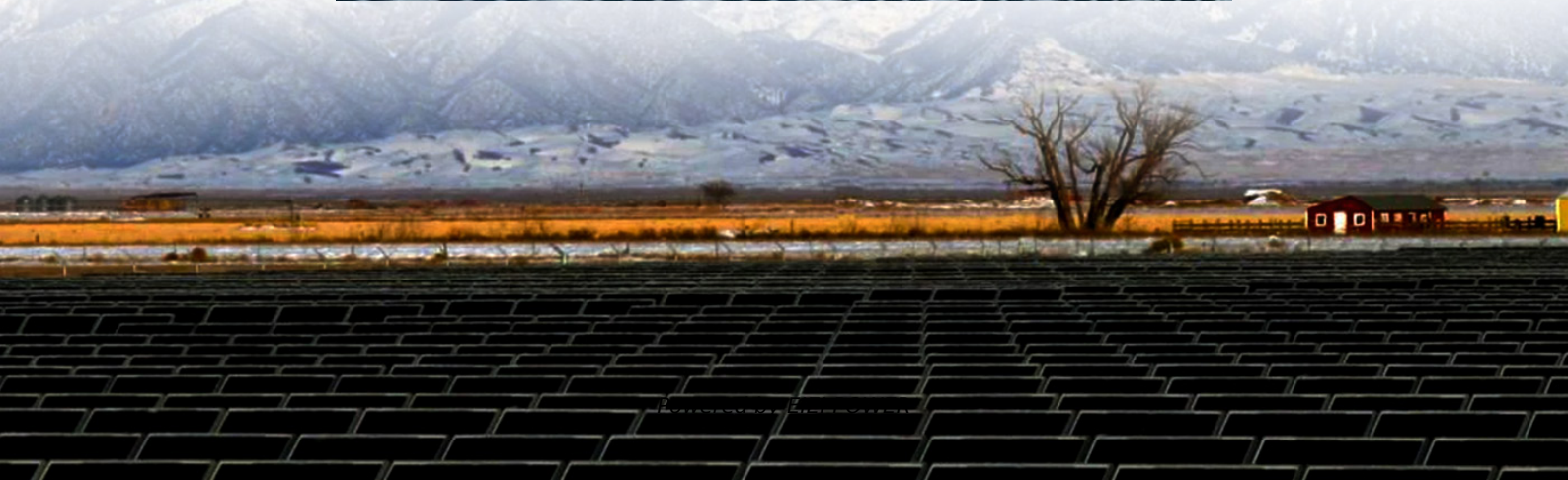


Cost of Waterproof Photovoltaic Containers Used at Indian Airports





Overview

Solar PV development gained airport operators' attention in the wake of its negligible carbon emission and onsite electricity generation. The solar PV projects in airports cater to its energy, economic.

Can solar energy be tapped in Cochin International Airport?

Fig. 1. Prospects for tapping solar PV energy in airport. Cochin International Airport Limited (CIAL) stepped into tapping of solar energy with the commissioning of 1.1 MW solar plant in 2013 and it was the first MW scale solar power plant in Kerala.

Why do Indian airports use solar energy?

Nowadays, airports' interest in solar photovoltaics (PVs) is growing and many Indian based airports now use photovoltaic (PV) solar systems as one of their key energy sources. These systems provide a way to lower the burden of energy costs and to show environmental stewardship by airports (Sreenath et al., 2020a).

Does Delhi airport use solar energy?

The airport has an onsite solar energy plant, and the airport also uses open access renewable energy. In India, the open access is a mechanism under which consumers can purchase electricity directly from power producers, rather than through electricity distribution companies (Gupta, 2022).

Does Mumbai airport have a solar power plant?

Mumbai Airport has installed a 1.06MW rooftop solar power plant, which can be increased to 4.66MW (International Airport Review, 2022). Figure 1 presents Chhatrapati Shivaji Maharaj International Airport annual solar power generation and the year-on-year change for the period covering the 2016-2017 to 2019-2020 financial years.



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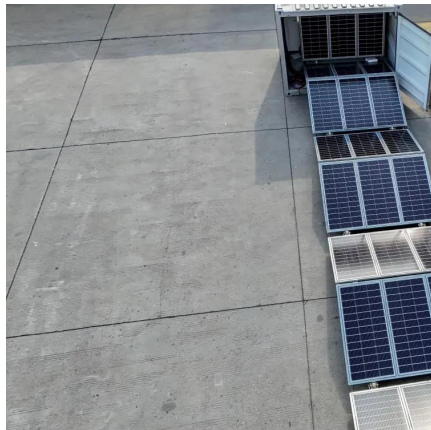
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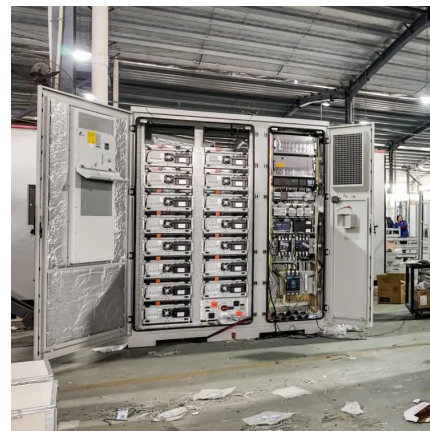


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