



BUHLE POWER

10MW Photovoltaic Containerized Container Used in South Asia Environmental Protection Project





Overview

Is solar cell waste management an environmental concern for South Asian countries?

Around 60 million tons of solar panels become waste globally at the EoL stage (Punathil et al. 2021). Therefore, solar cell waste management has become an environmental concern for South Asian countries (Ndzibah et al. 2021).

Are solar photovoltaic power systems economically feasible in Bhutan and Nepal?

The existing literature on solar energy and PV technology in Bhutan and Nepal debates solar photovoltaic power systems' efficiency and economic feasibility. Miskat and Rashedi (2021) conducted a study to determine the exergy efficiency and enviro-economic analysis of solar photovoltaic power in 12 cities in Nepal.

Can solar cells be recycled in South Asia?

Recycling solar cells can only be successful in South Asia if several factors are considered, including policies regarding used solar cells, recovery of rare metals, economic variables, and health and environmental concerns.

How can South Asian countries improve recycling of solar cells?

South Asian countries should develop corporations with the developed countries having effective solar cell waste management. Governments must provide incentives for industry-led initiatives to recycle solar cells to ensure the profitability of recycling. This will encourage other manufacturers to be involved in recycling.



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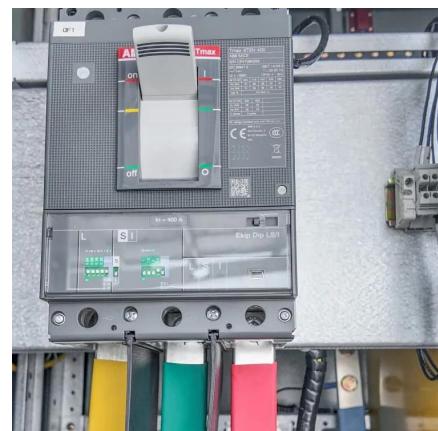


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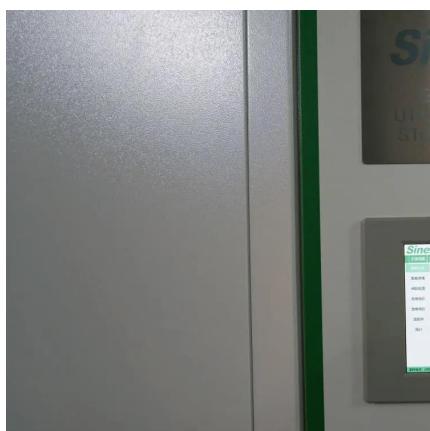
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