

Bangkok brt solar container outdoor power





Overview

Will solar panels transform Thailand's ports into 'green ports'?

The Port Authority of Thailand (PAT) has launched an initiative to introduce solar rooftops at its ports, aiming to transform them into 'green ports.' These panels are projected to generate five million kilowatt-hours of solar energy each year.

What is Thailand's Green Port initiative?

This initiative marks a major stride in Thailand's effort to embrace renewable energy solutions and set a benchmark for sustainable port operations in the region. Thailand's Port Authority adopts solar rooftops to drive its green ports initiative, aiming for carbon neutrality by 2050 and reduced greenhouse gas emissions.

How many kilowatt-hours will solar panels generate a year?

These panels are projected to generate five million kilowatt-hours of solar energy each year. Deputy Transport Minister Manaporn Charoensri emphasized the urgency of global environmental responsibility and stated that the ministry is advocating for green logistics across all its agencies to support a low-carbon society in line with ESG principles.

What is Pat's solar rooftop initiative?

PAT director Kriengkrai Chaisiriwongsuk detailed the deployment of solar rooftops at parking buildings and warehouses, which feature a capacity of 3.798 megawatt-peak (MWp). This initiative uses on-grid solar technology, allowing the ports to utilize both self-generated and external electricity.



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