

# Bangkok Off-Grid Solar Containerized Mobile Train Station





## Overview

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This project, developed for the State Railway of Thailand (SRT) by the Provincial Electricity Authority (PEA) and constructed by Hiper Smart Consortium, represents a significant step toward the large-scale development of distributed photovoltaics in Thailand's public infrastructure sector. Is solar energy a viable solution for off-grid living in Thailand?

While solar energy in Thailand offers a promising solution for off-grid living, there are challenges to consider. One of the primary hurdles is the reliability of solar power during the rainy season or on cloudy days, which can reduce energy production.

How to plan an off-grid solar setup in Thailand?

When planning an off-grid solar setup in Thailand, budgeting for all these elements is crucial for a successful installation. To go fully off-grid with solar power, efficient energy storage is crucial to ensure a continuous supply when sunlight is unavailable.

What does it mean to go off-grid in Thailand?

Going fully off-grid means producing and storing all your own energy, completely independent of the national grid. In Thailand, solar power systems make this possible through photovoltaic (solar) panels that capture sunlight and convert it into electricity.

Will Hitachi energy supply a new rail line in Bangkok?

Hitachi Energy has also been awarded new orders to supply similar power solutions for two other mass transit rail lines in Bangkok – the Yellow Line and Pink Line – starting operations in 2023.



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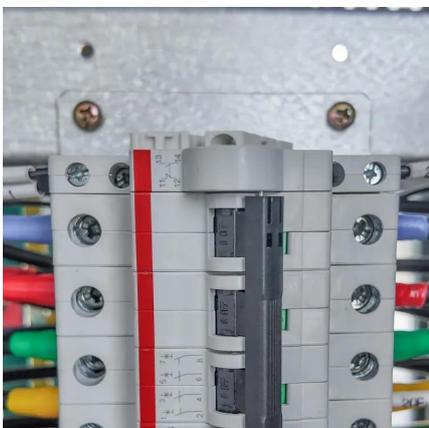


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