

# **Kyiv Off-Grid Solar Container Smart Cooperation**





## Overview

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Why should Ukraine implement a smart grid?

For Ukraine, the implementation of a Smart Grid is of strategic importance, because war and systemic damage to power grids require rapid infrastructure renewal and increased resilience to external factors. Intelligent power systems also allow reducing dependence on traditional energy sources by integrating solar and wind power plants.

Can Ukraine become a leader in the digitalization of power grids?

Given the global trend towards "smart" energy systems, Ukraine has the potential to become a leader in the digitalization of power grids. Attracting foreign investors can significantly accelerate the transition to the Smart Grid.

Will Ukraine become a Green Energy Center in Europe?

"A Smart Grid of international level will become the basis for Ukraine's energy transition and strengthen its role as a potential green energy center in Europe," commented DTEK CEO Maksym Timchenko. The first stage will be a three-year pilot launch of a new network in one of the most severely affected areas - Irpin, Bucha and Borodyanka.

How does Lithuania support the implementation of smart grid?

Lithuania supported the implementation of the project by providing UAH 8.2 million for its development. One of the key indicators of the effectiveness of Smart Grid implementation is the reduction of the SAIDI index (average duration of consumer outages). Currently, in rural areas of Ukraine, this index sometimes exceeds 1000 minutes per year.



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The goal of 'Solar Supports Ukraine' campaign is to finance as many installations of solar on schools and hospitals, solar off-grid trailers and solar powerbanks as possible. Donations will ...



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Sep 25, 2024 · The project aims to provide transportable off-grid solar power stations to serve as backup renewable energy source during blackouts for the following public ...



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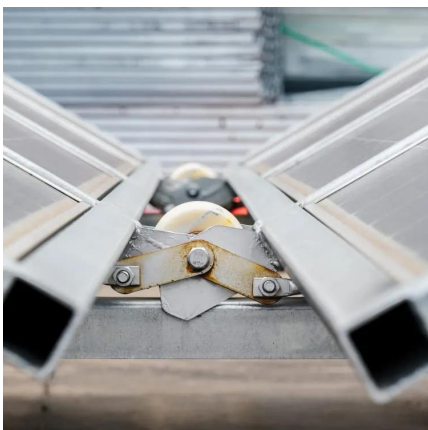


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## Our Projects

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## Mobile Off-Grid Solar Power Stations for Schools #163 and #199 in Kyiv

Oct 10, 2025 · Supply of two mobile off-grid solar power stations of 25 kWp, equipped with battery storage systems of 45 kWh to (i) Gymnasium No. 163 at 3 Yanusz Korczak Street, and (ii) ...



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