

Paris train station uses 2MW smart photovoltaic energy storage container





Overview

Can SNCF use solar panels on railway tracks?

AREP Group has leveraged its full solar expertise to assist SNCF Group in assessing the solar potential of its 113,800 hectares of land. (Representative image) SNCF, the national railway company of France, is exploring the use of photovoltaic (PV) solar modules on railway tracks.

Does SNCF offer ground-based solar in France?

From pv magazine France SNCF offers significant land for ground-based PV in France, with more than 113,800 hectares available for solar. To harness the PV potential of non-operational railway lines, SNCF's subsidiary, AREP, has developed a container-based solar-plus-storage plant that can be placed on the rails and relocated as needed.

Can a SNCF solar-plus-storage plant be placed on rails?

The latest container-based solar-plus-storage plant developed by AREP, an SNCF subsidiary, can be placed on the rails and relocated as needed. Called the Solveig project, the initiative began on January 17 at Achères, a commune in the Yvelines department in north-central France. Engineers placed eight solar panels at the Achères Technical Center.

Will Switzerland's first solar power plant be installed on a railway line?

In October 2024, Switzerland's Federal Office of Transport (FOT) also gave a permit to the country's first removable solar power plant to be deployed on a railway line. It was the first time such a project has been approved in Switzerland, paving the way for innovative solar energy solutions in the country.



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[Reversible solar panels on railway tracks , SNCF Group](#)

Feb 4, 2025 · We're testing the SOLVEIG prototype of reversible photovoltaic panels on unused railway tracks. The aim is to turn these sections of the network into a new source of renewable ...



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