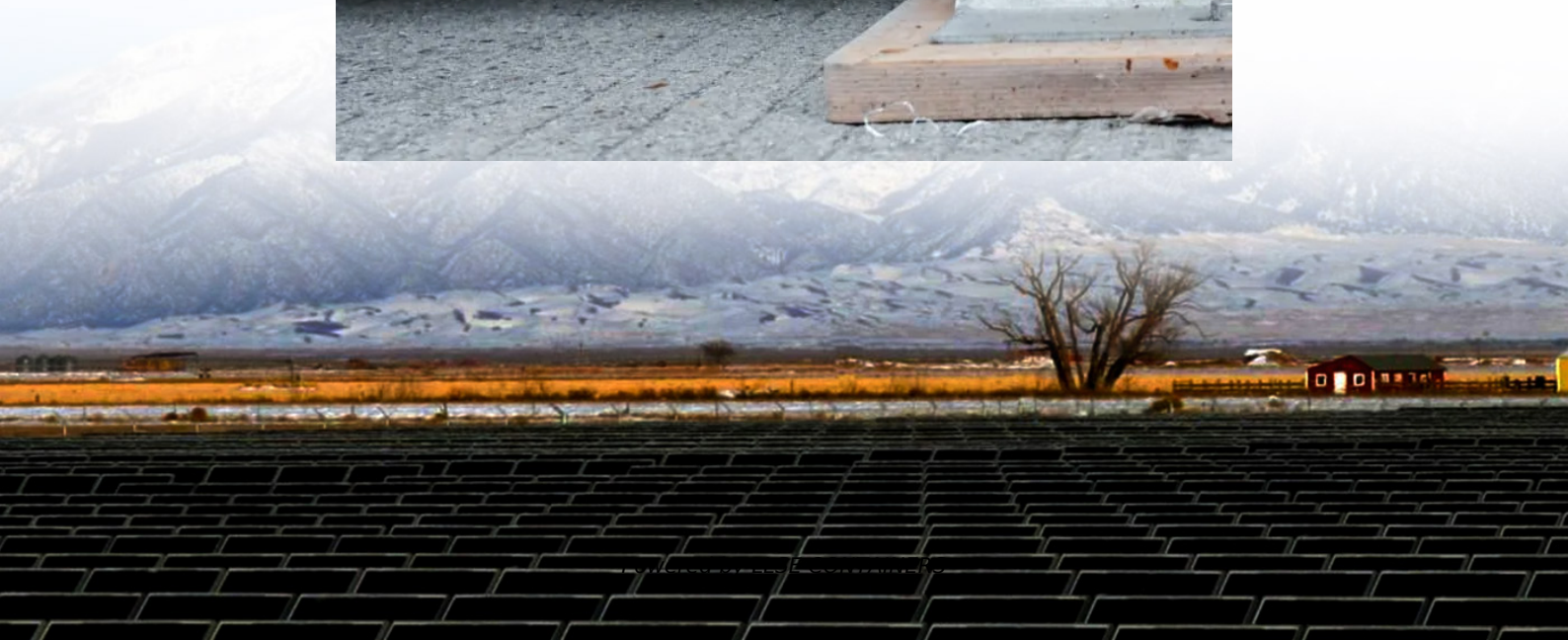


20kW solar-powered container used in subway station in the UK





Overview

Will the London Underground be powered by solar energy?

Transport for London (TfL) has signed a major new deal to power the London Underground using clean solar energy, as part of a long-term plan to decarbonise the capital's transport network and support biodiversity. A new solar facility will be built in Longfield, Essex, by EDF Renewables UK through its subsidiary Longfield Solar Energy Farm Limited.

Will London's Transport Network be 100 per cent renewable by 2030?

Transport for London (TfL) has signed a major green energy deal with EDF Renewables UK to supply the Tube with clean electricity from a new solar farm in Essex, marking a significant step towards its goal of running the capital's transport network on 100 per cent renewable energy by 2030.

What will a new solar facility do for the tube?

The contract will see a new solar facility built in Longfield, Essex, and renewable energy generated for the Tube. The facility will also support the decarbonisation of the National Grid and increase its renewable energy capacity.

How many MW of electricity will a solar project deliver?

Following the conclusion of this tender, the appointed delivery partner will design and deliver proposals for solar developments that could bring up to 64 megawatts (MW) of electricity to the network, which is approximately five per cent of the electricity needed to run the Tube network.



20kW solar-powered container used in subway station in the UK



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Nov 5, 2024 · UK: Transport for London has called tenders for the development of purpose-built solar photovoltaic farms to generate zero-carbon electricity for the London Underground ...

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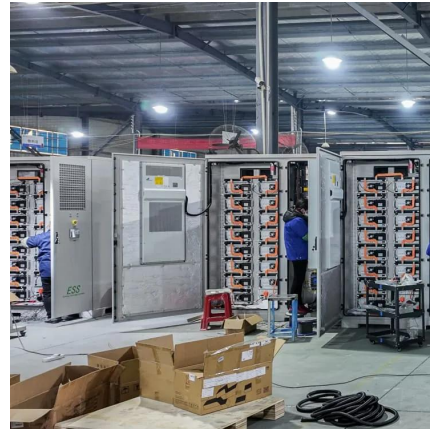
[TfL invites bidders to install and operate solar farms for the ...](#)

Nov 4, 2024 · From 31st October, TfL invites bidders to be the delivery partner to invest in and set up solar farms for the Tube network. These solar farms could provide up to 64 MW of clean ...



[TfL Just Signed a Game-Changing Solar Deal--Here's What It ...](#)

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[New solar facility will provide green power for the Tube](#)

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[Transport for London plans to set up dedicated solar farms ...](#)

Nov 1, 2024 · The purpose-built solar farms could provide up to 64 megawatts of clean energy, which is around 5% of the electricity needed to run the London Underground network, it said.



[Solar plant to power London Underground trains , Metro ...](#)

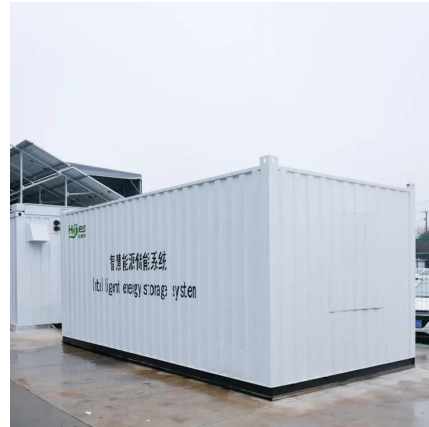
Jul 4, 2025 · UK: Transport for London has awarded EDF Renewables UK a 15-year power purchase agreement to provide solar energy to cover part of the London Underground's ...





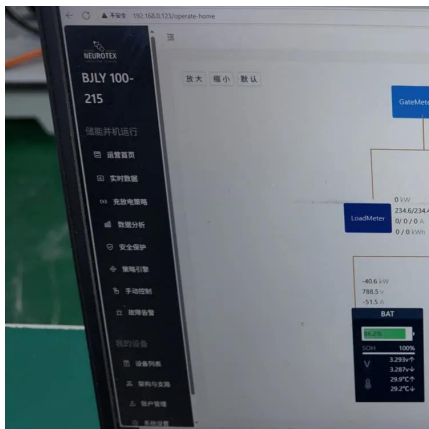
New solar farm to power London Underground in major ...

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