



MODERNIZATION SOLAR

# Bahrain environmental project uses 20kW solar-powered container





## Overview

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Is Bahrain transitioning to solar energy projects?

After the establishment of the Sustainable Energy Unit (SEU) in Bahrain in 2014, a radical transition toward launching solar energy projects can clearly be observed. The SEU was established in collaboration between the national government and the United Nations Development Program (UNDP).

How many solar panels will APM Terminals Bahrain install?

At the end of the solar implementation project, APM Terminals Bahrain will have installed 20,000 solar photovoltaic panels capable of generating 18.5 Gigawatts of electricity per year.

Will Kbsp become Bahrain's first fully energy-sufficient seaport?

APM Terminals Bahrain, operator of Bahrain's main container gateway, Khalifa Bin Salman Port (KBSP), has officially announced the launch of a solar power project worth around \$10m, to make the port energy self-sufficient by the end of 2023, and effectively turning the facility the region's first fully energy-sufficient seaport.

Will Bahrain achieve net zero by 2060?

Bahrain has set goals to reduce the kingdom's emissions by 30% by 2035 and achieve net zero by 2060. "We are very excited to take the first major step in our decarbonisation plans, which will make Khalifa Bin Salman Port the region's first seaport to be fully powered by renewable energy.



## Bahrain environmental project uses 20kW solar-powered container



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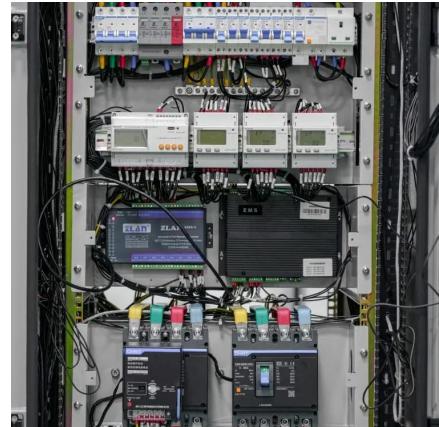


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## APM Terminals Bahrain to become region's ...

May 28, 2023 · APM Terminals Bahrain, the operator of Khalifa Bin Salman Port, has officially announced the launch of a ground-breaking solar power project worth approximately BHD3.8 million. The project is set to be completed by the end of the year, making the port the first fully solar-powered terminal in the region. The solar panels will be installed on the roof of the port's container terminal, providing a reliable source of renewable energy for the port's operations. The project is part of APM Terminals Bahrain's commitment to sustainable development and reducing its carbon footprint. The port's container terminal is one of the largest in the region, handling millions of tons of cargo annually. The introduction of solar power will not only reduce the port's reliance on fossil fuels but also help to reduce its overall environmental impact. The project is expected to generate enough electricity to power the port's operations, as well as some excess power that can be sold back to the national grid. The port's container terminal is one of the largest in the region, handling millions of tons of cargo annually. The introduction of solar power will not only reduce the port's reliance on fossil fuels but also help to reduce its overall environmental impact. The project is expected to generate enough electricity to power the port's operations, as well as some excess power that can be sold back to the national grid.

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