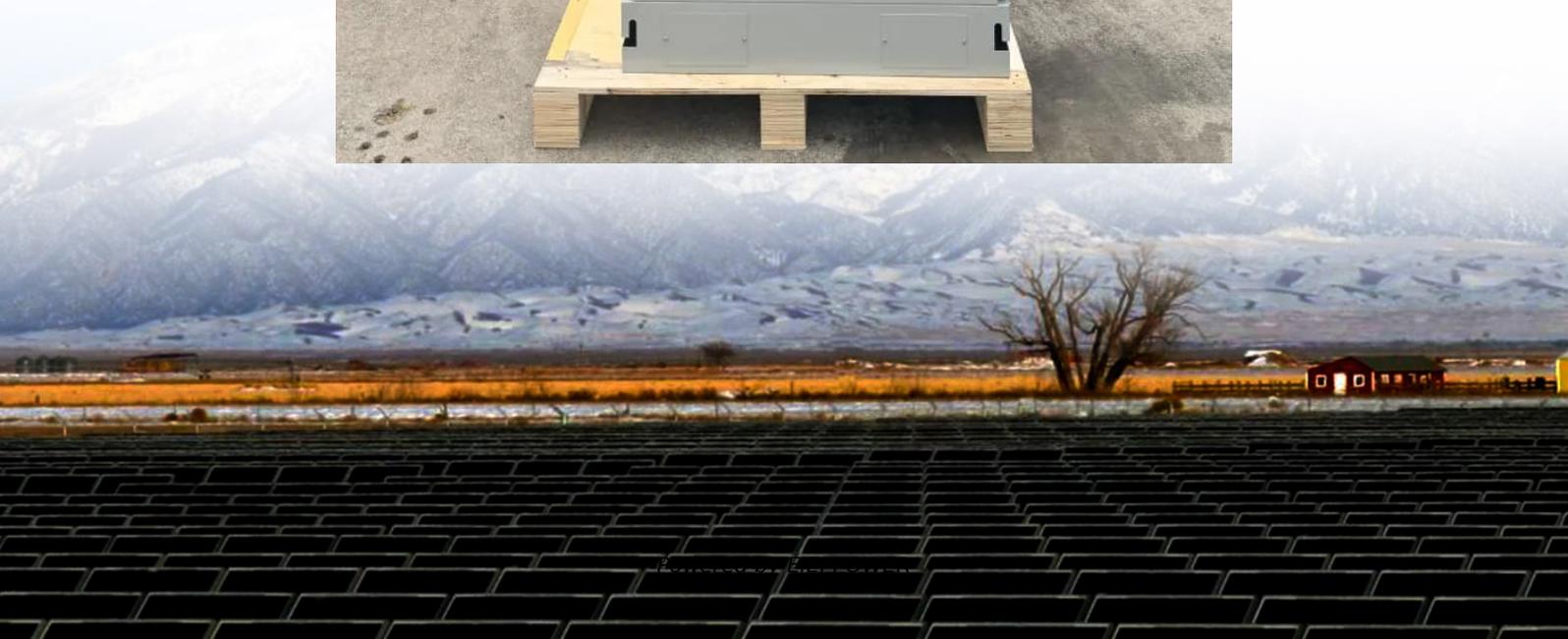


# **Vienna Airport uses a 120kW mobile energy storage container**





## Overview

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How many photovoltaic panels will be installed at Vienna airport?

,000 photovoltaic panels this plant will be Austria's largest ground-mounted plant. After commissioning in spring 2022, the photovoltaic plants at the Vienna Airport site will generate an output of around 30 million kilowatt hours of solar power per year, and thus will cover around 30 per cent of Vienna Airport.

What is the most sustainable building in Vienna?

systems at Vienna Airport are gradually being converted to energy-saving LED systems. The new Office Park 4, which was commissioned in 2020, uses geothermal energy and has received several awards as the most sustainable office building in Austria. A Smart City control software developed together with the Vienna University.

Can airport energy system be a micro-grid?

The electrification of airport energy system as a micro-grid is a promising solution to achieve zero emission airport operation, however such electrification approach presents the engineering challenge of integrating new energy resources, such as hydrogen supply and solar energy as attractive options to decarbonize the present system.

What is the energy system of Airport outside the terminal?

The energy system of airport outside the terminal is designed as a direct current (DC) microgrid system. The aircraft APU and EVs in the airport are integrated into the DC microgrid. The integration of HES has established an energy link between the DC microgrid system and the aircraft energy supply at remote stands.



## Vienna Airport uses a 120kW mobile energy storage container

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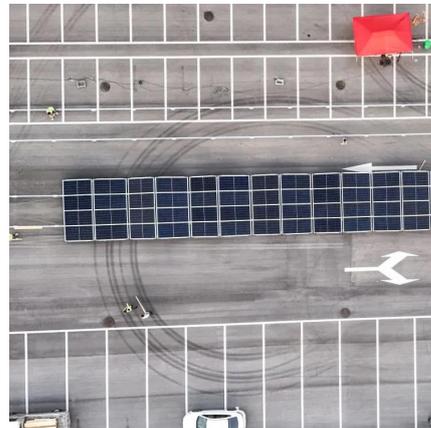


### [CHAPTER SIX Climate Change Mitigation: Operations ...](#)

Jul 8, 2025 · Vienna Airport's Push on photovoltaics and energy efficiency The Austrian Federal Government has ambitious climate and energy goals, including 100% clean electricity in and ...

### [Vienna Airport Powers Up with Ten Photovoltaic Systems](#)

Jul 30, 2024 · Vienna Airport has expanded its renewable energy efforts by adding a new four-megawatt photovoltaic (PV) system to serve its energy needs. This addition brings the total ...



### [Vienna International Airport solar farm](#)

May 8, 2025 · Vienna International Airport solar farm is an operating solar photovoltaic (PV) farm in Schwecha, Bruck an der Leitha District, Lower Austria, Austria.

### [Vienna Airport builds Austria's largest solar farm](#)

Jun 14, 2022 · A 24-megawatt peak (MWp) capacity solar farm at Vienna Airport, an asset in our Global Infrastructure portfolio, is a significant renewable energy project. Online since May ...



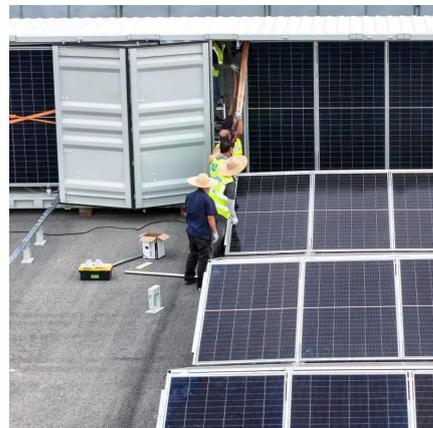
## Techno-economic design of energy systems for airport electrification...

Feb 1, 2021 · Finally, sensitivity analysis of key system parameters such as solar irradiance, grid emission factor, electricity price, carbon tax, unit investment cost of hydrogen energy system ...



## Electric ground support equipment at airports

Nov 26, 2025 · Vienna Airport has pointed out that it is impossible to supply high-demand energy to every point on the airport, and that three or four central charging stations are needed to ...



## Viennaairport

Numerous other measures for sustainability and energy efficiency In addition to photovoltaics, Vienna Airport implements numerous other climate protection measures: For example, the ...





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