

Title: Bidirectional charging of photovoltaic containers at airports

Generated on: 2026-04-15 19:34:16

Copyright (C) 2026 GAE CONTAINERS. All rights reserved.

---

This paper introduces a new bidirectional vehicle-to-grid (V2G) control strategy for energy management of V2G charging points equipped with photovoltaic systems (PVs), ...

The aim of the project was to optimise the geographical and temporal distribution of surplus energy from renewable energy systems (RE ...

Swedish researchers have analyzed the impact of electric aviation and electric vehicle (EV) charging on the power system at Visby Airport.

Bidirectional charging, such as Vehicle-to-Grid, is increasingly seen as a way to integrate the growing number of battery electric vehicles into the energy system. The electrical ...

The aim of the project was to optimise the geographical and temporal distribution of surplus energy from renewable energy systems (RE systems) using bi-directional electric vehicles ...

Discover how solar power is transforming airports, reducing emissions, and paving the way for green aviation.

Website: <https://www.gaeconsultants.co.za>

