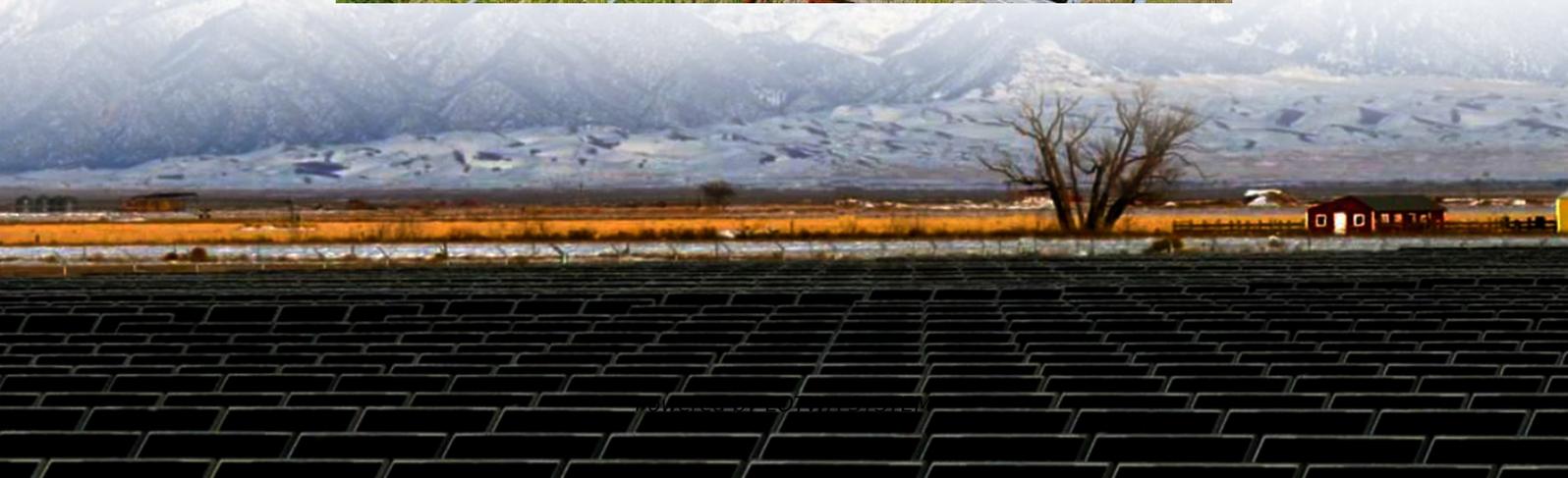


Belgrade Hydrogen Energy Hydrogen Refueling Station Energy





Overview

What is a hydrogen refueling station?

Hydrogen refueling stations (HRSs) are key infrastructures rapidly spreading out to support the deployment of fuel cell electric vehicles for several mobility purposes.

Can a hydrogen refuelling station be powered by a hybrid power system?

Gökçek, M. & Kale, C. Optimal design of a hydrogen refuelling station (HRFS) powered by hybrid power system. *Energy Convers. Manag.* 161, 215–224 (2018). Siyal, S. H., Mentis, D. & Howells, M. Economic analysis of standalone wind-powered hydrogen refueling stations for road transport at selected sites in Sweden. *Int. J.*

Can hydrogen refueling stations be used in the transport sector?

Over the last few years, hydrogen has emerged as a promising solution for problems related to energy sources and pollution concerns. The integration of hydrogen in the transport sector is one of the possible various applications and involves the implementation of hydrogen refueling stations (HRSs).

What infrastructure is needed for hydrogen-based mobility?

The transition to hydrogen-based mobility demands the further infrastructure development that must be able to meet the demand for hydrogen . Hydrogen refueling stations (HRSs) are an example of this infrastructure, being intended for the refueling of hydrogen vehicles, such as FCEVs.



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