

# Sukhumi New Energy Refueling Station





## Overview

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What makes a refueling station different from an off-site station?

However, what mainly characterizes a refueling station is the physical state of hydrogen when it is supplied to the station, liquid or gaseous. While off-site stations can have configurations that use both, on-site ones are intended for hydrogen gas only as the production units supply it in this physical state.

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.

What components are similar to refueling stations that use GH<sub>2</sub>?

Numerous components are analogous to those found at refueling stations that use GH<sub>2</sub>: the initial storage section, the compression section, the high-pressure storage section, and the thermal management system.

What makes a good refueling station?

Environmental weather conditions must be also evaluated, addressing potential criticalities with a proper infrastructure design . However, what mainly characterizes a refueling station is the physical state of hydrogen when it is supplied to the station, liquid or gaseous.



## Sukhumi New Energy Refueling Station

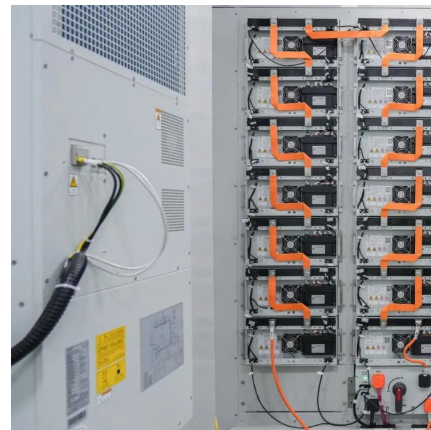


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Sukhumi New Energy Storage Liquid fuels  
Natural gas Coal Nuclear Renewables (incl. hydroelectric)  
Source: EIA, Statista, KPMG analysis  
Depending on how energy is stored, ...

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