

# **Grid-side energy storage in Vienna**





## Overview

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In the future Austrian Electricity Market Act (EiWG), electricity storage will be regulated for the first time, placing them on an equal footing for grid connection and, if operated in a system-friendly manner, batteries will be exempted from grid usage fees, among other things. Why do we need electricity storage systems in decarbonised electricity markets?

In decarbonised electricity markets, electricity storage systems provide the flexibility urgently needed for grid operation and enhance the utilisation of volatile electricity generation from renewable sources.

What is energy storage at a co-location facility?

As co-location facilities or so-called 'energy storage at the same location', batteries can store unused electricity generated by wind turbines or PV systems affected by peak shaving for later consumption or sale. This also applies to the new flexible, limited or restricted forms of grid access.

What is energy storage & why is it important?

A significant innovation is the inclusion of energy storage in the functions an electricity undertaking performs. This means that storage facilities, and therefore also batteries, are to be treated either as consumers or suppliers to the grid and are subject to the corresponding rights and obligations.



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### Grid-side and shared energy storage solutions

Conclusion Grid-side and shared energy storage are indispensable supporting technologies in the energy transition process. Through market mechanisms and intelligent dispatch, it aggregates ...

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storage (ES) technologies, and their ...



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## Scenarios on future electricity storage requirements in the ...

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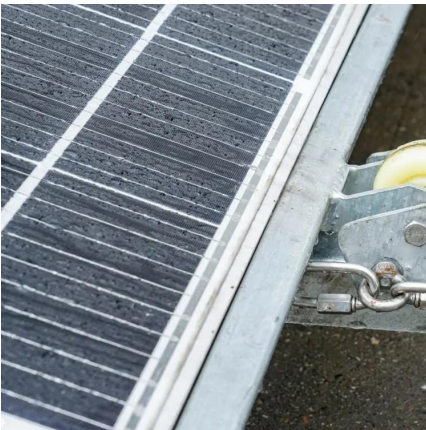
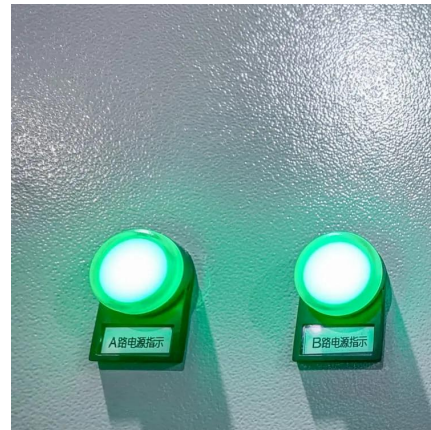
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Under the leadership of RAG Austria AG, safe, seasonal and large-volume storage of renewable energy sources in the form of hydrogen in underground gas storage facilities will be developed ...



### Does Switzerland need grid-scale battery storage

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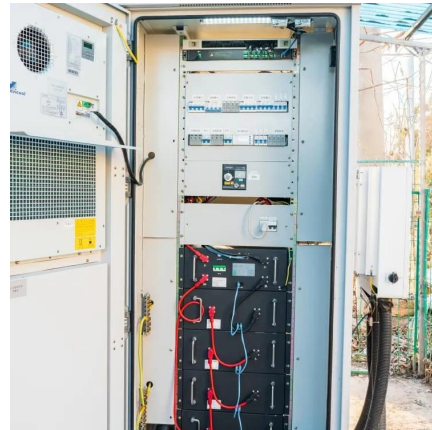
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