Problem oskrbe z elektriko iz obnovljivih virov

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Typical daily electricity demands
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Production

28.3 kWh

Jun 07, 2022, 12:00
Solar Production 5.96 kW
HYDROGEN ECOSYSTEM NORTH ADRIATIC

Conference

North Adriatic Cross-border Hydrogen Valley

24 November 2021

Organised by FCH-JU and ECUBES
(1) Sproščanje vodika
Fe + 2HCl → FeCl₂ + H₂

(2) Termični razkroj in redukcija železa

(3) Shranjevanje kovine

TEC snovni krog

El. energija

Toplotna energija

Sproščen HCl

H₂

Gorivna celica

El. energija
Kaj lahko storimo z 1 MWh električne energije

- spečemo 90.000 kosov toasta
- prevozimo 6000 km z električnim avtomobilom
- poganjamo tri hladilnike čez celo leto
- oskrbujemo povprečno enostanovanjsko hišo dva meseca
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Electricity production by source, World


Note: 'Other renewables' includes biomass and waste, geothermal, wave and tidal.
Electricity production by source, Slovenia


Note: ‘Other renewables’ includes biomass and waste, geothermal, wave and tidal.
Kosovo-Serbia row makes Europe clocks go slow

During the crisis period, Kosovo did not generate enough electricity to meet its needs.
Serbia is legally obliged to meet Kosovo's demand to keep the European grid stable.
But because Kosovo and Serbia are in dispute Serbia did not step in.

Not enough power was going into the grid what caused a drop in the frequency and slow down of clocks.

getting tired, power drops cadence drops <90 rpm

Power: 200 W Cadence: 90 rpm

Red Bull gives you wings
More power, more cadence >90 rpm