

Environmental protection electricity for outdoor wind power base stations in Hungary





Overview

The paper examines the compatibility of wind and solar energy resources with projections of future electricity demand in Hungary. For such, we model the national electricity system and estimate surplus g.

Should wind power developments be regulated in Hungary?

where wind energy density and wind speeds are favorable. Investors would benefit from a simplified permitting procedure for wind power developments in these specified areas. The new regulation supports Hungary's ambitions to reach the 1,000 MW of installed wind capacity by 2030 set out in the NECP, tripling the current capacity of around 330 MW.

How are climate and environment managed in Hungary?

In Hungary, climate and environment are administered by separate ministries. The ministry of energy, established in 2022, is in charge of energy, climate policy, environmental protection and the circular economy. Environmental protection also falls under the remit of the ministry of agriculture.

Should the Hungarian energy transition be based on wind and solar resources?

Wind and solar resources should receive more attention in the planning of the Hungarian energy transition. However, the expansion of these vRES needs to happen simultaneously with the restructuring of the whole system [27].

What renewable sources are used in Hungary?

Another renewable source utilized in large amounts in Hungary is biomass. The NECP proposes a significant increase in solar PV capacity but no increase in wind power capacity. Wind power capacity expansion has been blocked by the government for more than ten years, a ban that is without reasonable geographic or economic reasoning [8, 9].



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National Health and Climate Strategy Visual screen version

Dec 6, 2023 · Acknowledgements Many individuals and organisations have given their time and expertise to the development of the National Health and Climate Strategy. The Chief Medical ...

Environmental Health Standing Committee (enHealth)

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