

Germany Hamburg wind and solar energy storage power station





Overview

What is the Hamburg offshore wind conference?

The “Hamburg Offshore Wind Conference” which is jointly presented with DNV is a flagship industry event in Northern Germany. Furthermore, Hamburg is home to the world-leading trade fair for wind energy “WindEnergy Hamburg” which takes place bi-annually.

How much wind power does Hamburg have?

The overall installed capacity amounts to 9,2 GW. According to a current study by the institute wind:research, the local offshore wind companies achieved a turnover of 1,87 billion Euros, making Hamburg top of all 16 German federal states. We process your data within our GDPR.

Do storage systems affect the overall deviation in Hamburg Mitte?

However, in this case study the storage systems reduce the overall positive deviation between demand and supply by 7.15%. The underproduction is also reduced by 7.13%. Therefore, the storage systems affect the overall deviation in Hamburg Mitte. However, this improvement is not enough to sustainably use renewable energies in the future.

How does the port of Hamburg affect energy demand?

In addition, the strong deviations of the HafenCity’s energy demand are dampened by the demand of the Port of Hamburg. Thus, connecting more districts of Hamburg or even other cities in Germany or the European Union can have similar effects.



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