



Study Tour Report

Flexibility Options to Adapt to Fluctuating Renewable Energies

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On behalf of:



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Key Findings

- 1 Fossil fuel powered generation decreases, renewable energy generation increases
- 2 Intermittent sources such as wind and solar are dominating amongst the renewables
- 3 The stability of the grid and security of supply is essential
- 4 Intermittency requires a flexible energy system
- 5 In Europe an integrated market with cross boarder transmission is the most important flexibility measure followed by industrial demand response, hydro, flexible coal fired power plants and gas power
- 6 In future, energy demand for transport, heating and cooling to be met by massive increase of electricity capacity

In cooperation with:





Green Building Certification

Green building certification is a process that evaluates the environmental performance of a building. It involves assessing various factors such as energy efficiency, water conservation, and indoor air quality. The goal is to ensure that buildings are designed and constructed in a way that minimizes their impact on the environment and promotes the health and well-being of the people who use them.



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