

The role of regulators in relation to the generation fuel mix

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Introduction

Drivers for change of the fuel mix

Role of energy actors

Actions for regulators

Introduction

Europe



Netherlands competition authority



- Competition
- **Energy**
- Transport
- Telecom
- Consumer protection

Competencies energy regulation

GasTerra



tennet

Wholesale markets



DSOs



Retail market



Introduction



Important ACER activities

- Framework guidelines
- Market monitoring



CEER EWG is one of CEER's 6 working groups



Agenda

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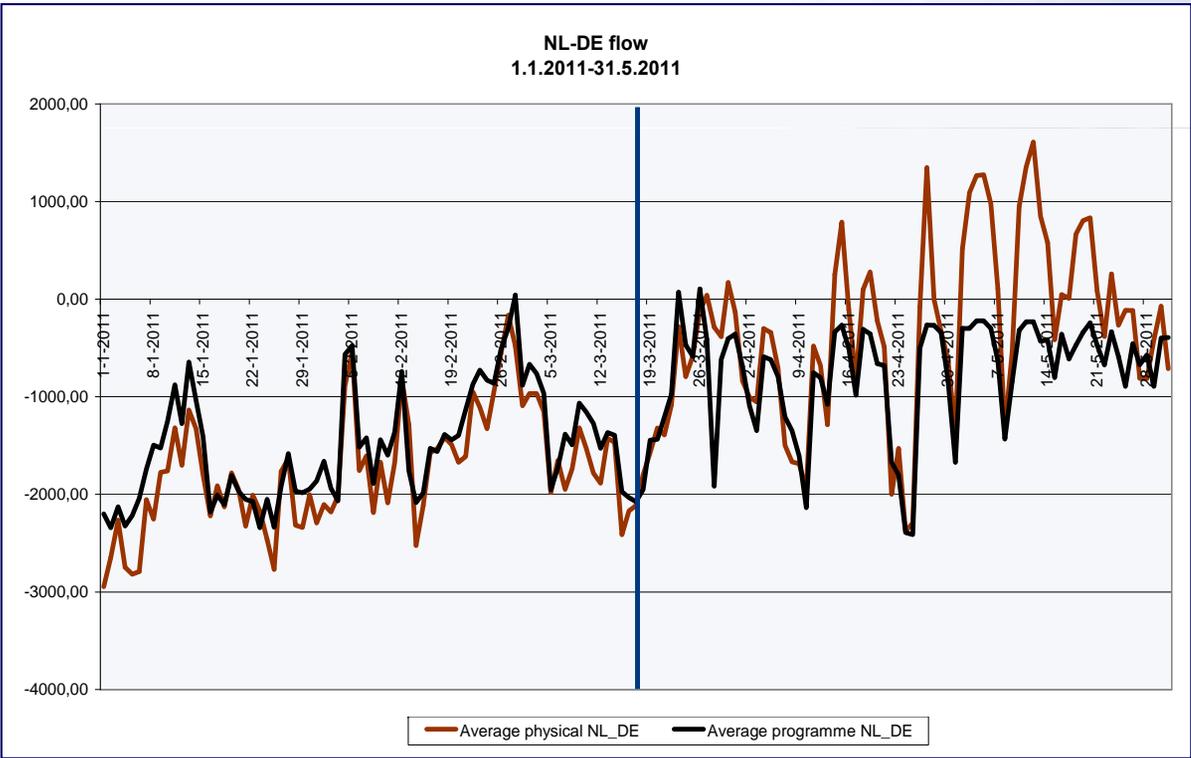
Actions for regulators

Nuclear shutdown shows cross-border impact (1/2)

Nuclear shutdown...



... has cross-border impact on flows

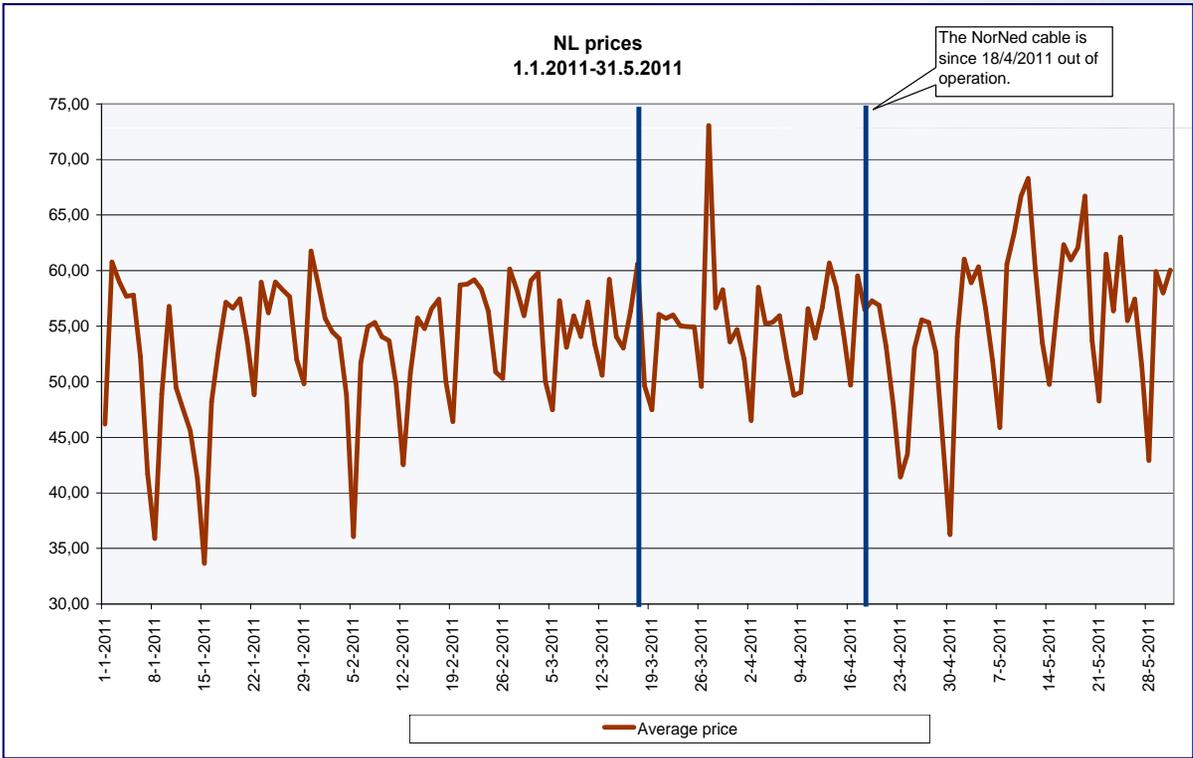


Nuclear shutdown shows cross-border impact (2/2)

Nuclear shutdown...

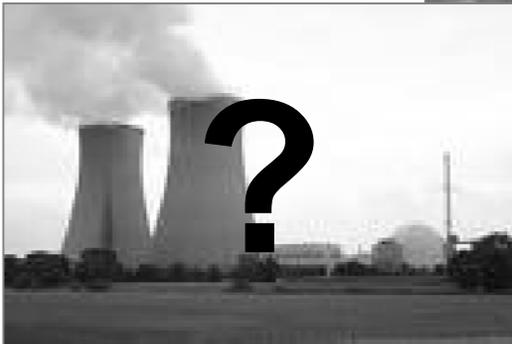


... has cross-border impact, but effect on Dutch prices is not clear



Renewable energy requires investments in grids and harmonisation of market rules

Old



New



Developments in the gas market change gas grid requirements

Intermittend renewable energy



LNG ↔ new pipelines



Gas consumption of new economies



Shale gas



Technology changes infrastructure requirements

Smart grids & smart meters



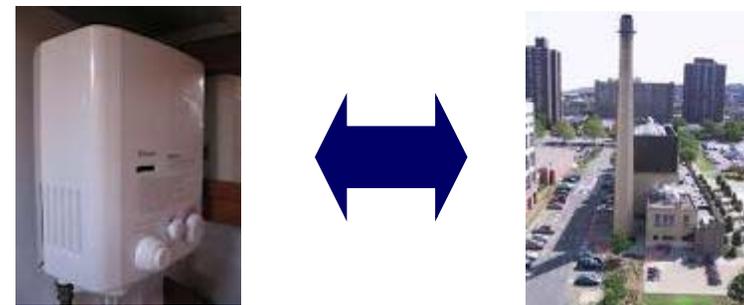
Local generation



Energy efficiency



Household ↔ central heating



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Market parties invest in generation and grids

Energy companies



TSOs



National governments set policy goals, grant permits and sometimes own TSOs

Policy goals



Permitting - NIMBY



Government ownership



Agenda

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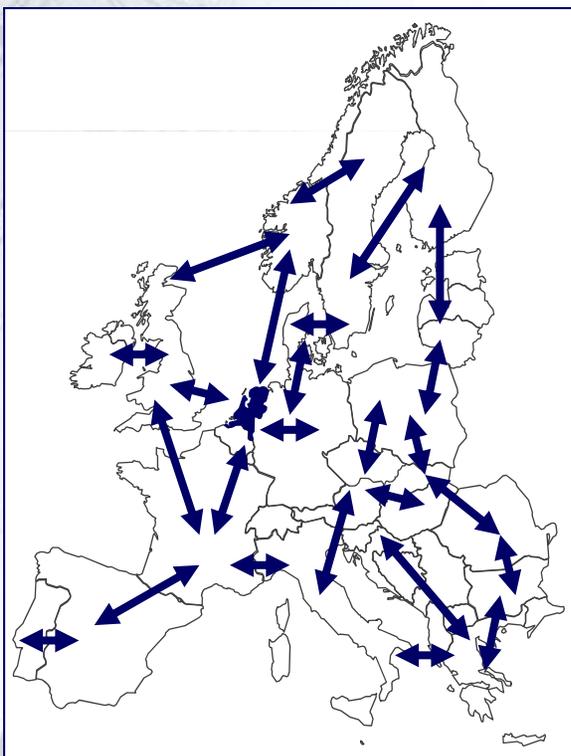
Drivers for change of the fuel mix

Role of energy actors

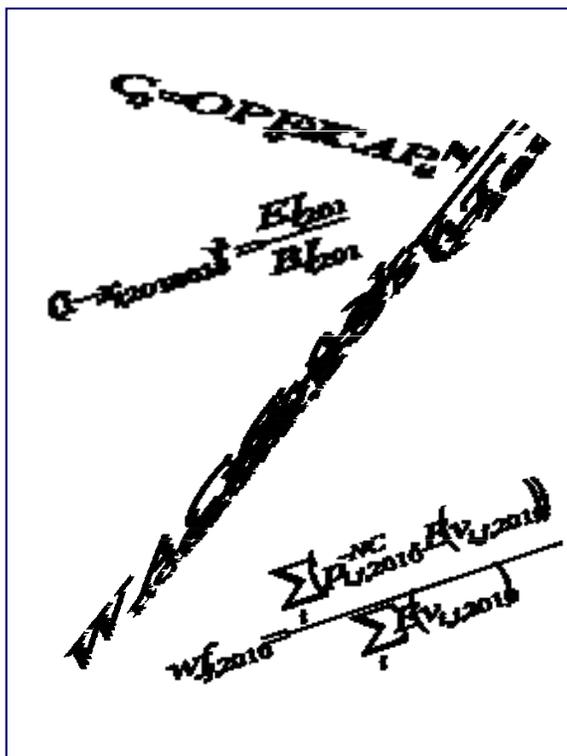
Actions for regulators

Regulators focus on market functioning, proper regulation and consumer protection

Competitive market



Regulatory framework

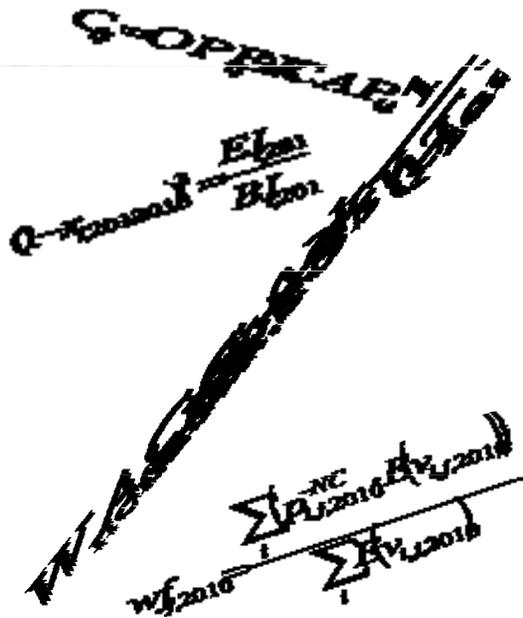


Consumer protection



For discussion: impact of Energy Infrastructure Package

Is current regulation the problem?

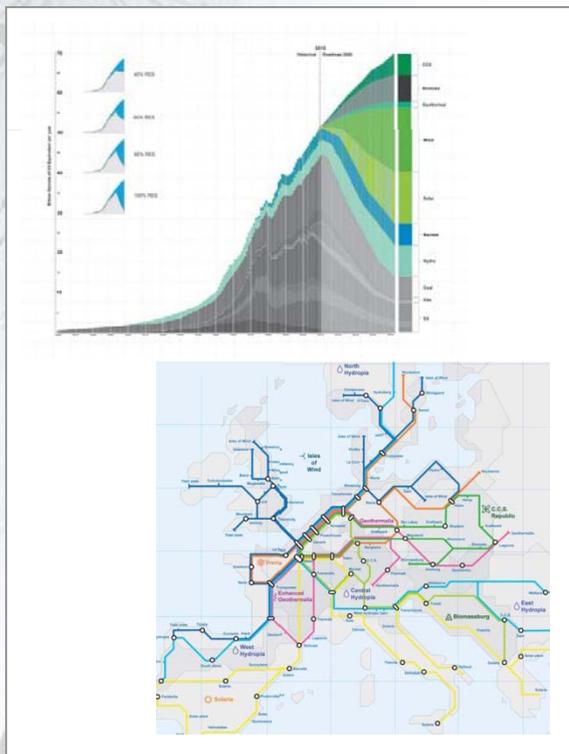


Are grants really needed?



Coordination is key

Coordination of energy mix



Regulators focus on functioning of internal market

Investment



Market rules



Market monitoring



Thank you for your attention!

www.energy-regulators.eu