



Storage – Policy and Regulation

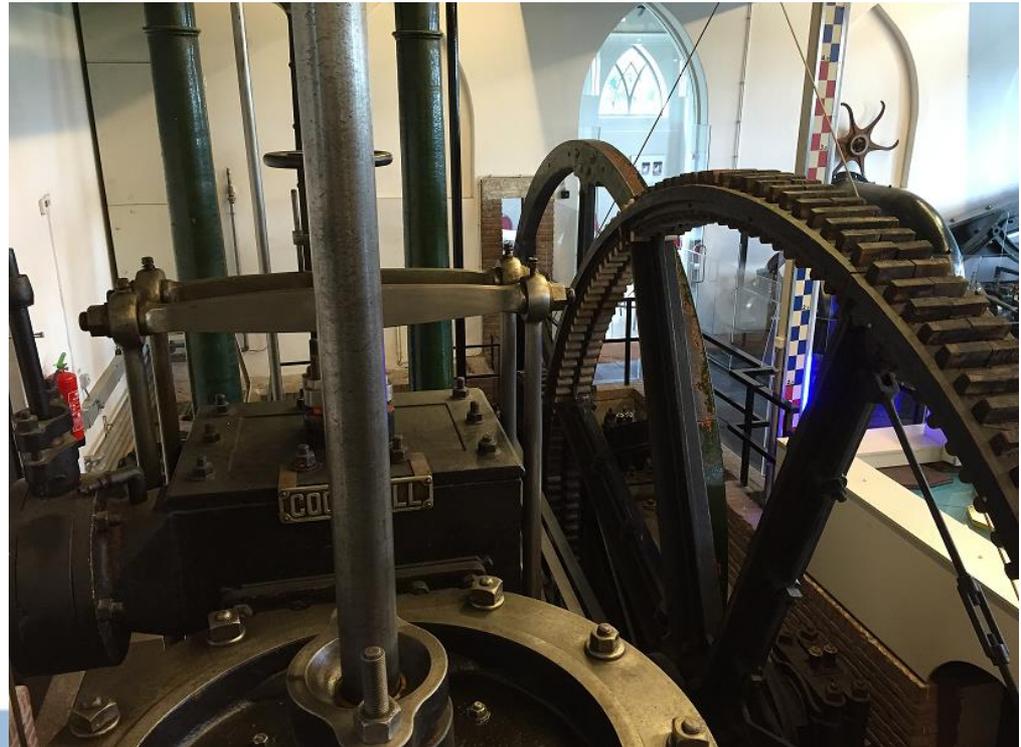
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Authority for Consumers and Markets

Outline

- Transition and the potential for storage
- Regulatory principles
- Role of TSOs/DSOs
- Fair contribution



Transition and the potential for storage

- Value for market and network
- Grid cost reduction:
 - E.g. avoiding peak investments
- Increasing security of supply:
 - E.g. alternative source of energy
- Aiding network management:
 - E.g. aiding in frequency control, reactive power
- Achieving CO₂ targets:
 - E.g. essential for EV, usage of residual energy



Regulatory principles

- **Level playing field**
 - Ensure a level playing field with other sources of flexibility (technology neutral)
- **Ensuring competition**
 - Ensure a fully competitive storage market can develop
- **Remove barriers**
 - Remove barriers and avoid placing regulation on top of regulation
- **Creating the right price signals**
 - Provide the right price signals for storage and ensure it is fairly charged



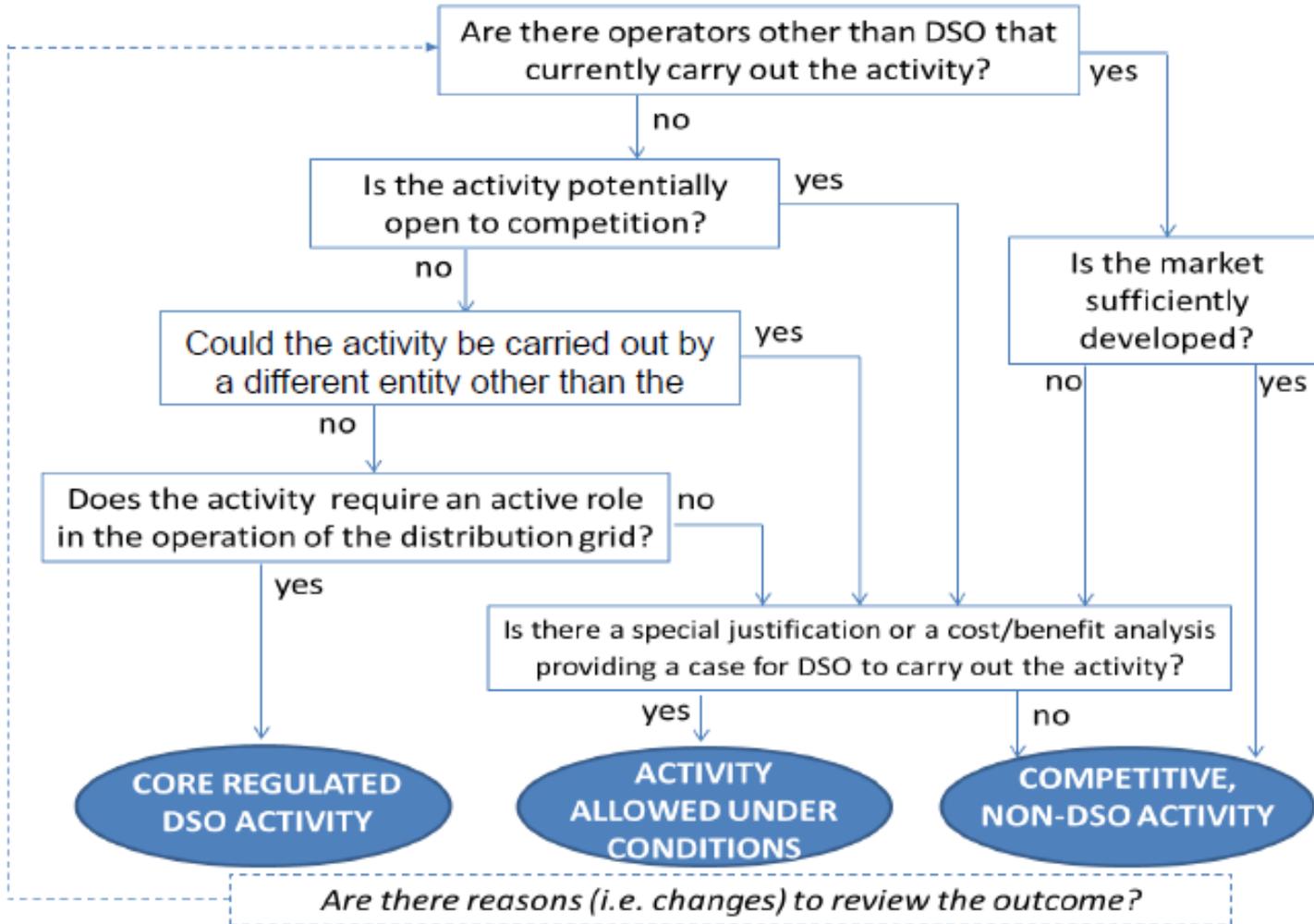


Role of TSOs/DSOs

- **Relevant market for storage**
 - One of many sources of flexibility
- **Storage involves ‘generation’ and ‘supply’**
 - Defined in Electricity Directive, involvement of TSOs/DSOs must comply with unbundling requirements
- **TSOs/DSOs should not own or operate storage**
 - Activities by regulated monopolies likely to hamper competitive markets to develop



Role of TSOs/DSOs



➤ CEER Conclusions Paper on Future Role of DSOs



Role of TSOs/DSOs

- NRAs should provide correct incentives for TSOs/DSOs to procure flexibility (including storage)
 - Coordinated TSO/DSO access to flexible resources
 - Optimise consumers' benefit across the system
- TSOs/DSOs should signal their needs to the flexibility market





Fair contribution

- Discussion on potential double network tariffs for storage
 - Potentially raises the cost of storage and impact the level playing field
 - Situation differs from country to country
- Goal should be a fair contribution
 - Provide the correct price signals for storage, and incentivise storage to operate in a way which benefits the system

