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FLORENCE
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TSO-DSO coordination



FSR Roundtable
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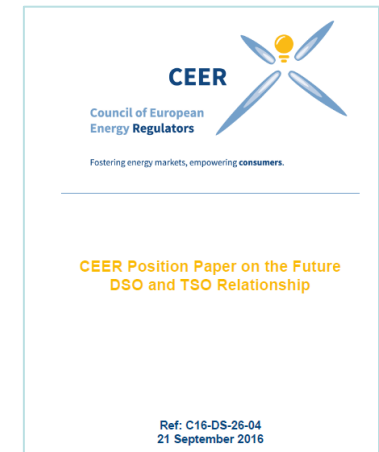
Introduction

Academic panel

- Tomas Gomez
(Comillas University)
- Gianluigi Migliavacca
(Smartnet Project coordinator)
- Marco Rossi
(Smartnet Project)

Moderator

- Leonardo Meeus
(FSR & Vlerick)



Winter package assigns a role to DSOs for local congestion management, but not for balancing

Article 32

Tasks of distribution system operators in the use of flexibility

1. Member States shall provide the necessary regulatory framework to allow and incentivise distribution system operators to procure services in order to improve efficiencies in the operation and development of the distribution system, including local congestion management. In particular, regulatory frameworks shall enable distribution system operators to procure services from resources such as distributed generation, demand response or storage and consider energy efficiency measures, which may supplant the need to upgrade or replace electricity capacity and which support the efficient and secure operation of the distribution system. Distribution system operators shall procure these services according to transparent, non-discriminatory and market based procedures.

Distribution system operators shall define standardised market products for the services procured ensuring effective participation of all market participants including renewable energy sources, demand response, and aggregators. Distribution system operators shall exchange all necessary information and coordinate with transmission system operators in order to ensure the optimal utilisation of resources, ensure the secure and efficient operation of the system and facilitate market development.

Poll: do you agree with that article of the winter package?

- Yes, because DSOs should have such an active role in local congestion management
- No, because DSOs should not have such an active role in local congestion management
- No, because DSOs should also have an active role in (local) balancing

DSOs and TSOs shall cooperate for daily operation of their networks, but how?

Article 53

Cooperation between distribution system operators and transmission system operators

1. Distribution system operators shall cooperate with transmission system operators in planning and operating their networks. In particular, transmission and distribution system operators shall exchange all necessary information and data regarding, the performance of generation assets and demand side response, the daily operation of their networks and the long-term planning of network investments, with the view to ensure the cost-efficient development and operation and the secure and reliable operation of their networks.
2. Transmission and distribution system operators shall cooperate in order to achieve coordinated access to resources such as distributed generation, energy storage or demand response that may support particular needs of both the distribution system and the transmission system.

Poll: do you agree or disagree with the following statements?

When DSOs start to use non-frequency ancillary services for local congestion management;

- They should define a standardized/harmonized set of services in cooperation with other DSOs and TSOs
- They should jointly procure/tender for these services together with other DSOs and TSOs
- They should coordinate the activation/usage of these services in real-time with other DSOs and TSOs