



6.2. Enhancing TSO-DSO cooperation in active system management

Christine Materazzi-Wagner, ACER/CEER EWG Vice-Chair; *Intervention*

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OVERARCHING PRINCIPLES

high-level

- Sufficient unbundling of DSOs
- General principles shall be European level (roles, responsibilities)
- No 'one size fits all' model of implementation

Enhancing a **whole system approach** at every level of responsibility

implementation

Incentives for DSO/TSO to optimise the outcome of the system as a whole instead of minimising costs for the isolated systems

Consistency of DSO/TSO cooperation with provisions from the 3rd package (e.g. SOGL, EBGL; data exchange)

process

- Appropriate governance with clear processes to manage interactions
- Interactions of all stakeholders: DSO/TSO/NRA/Public Authorities on a local and regional level

REQUIREMENTS

Transparency on network status and future developments (e.g. shared network models, information on projected congestion, forecast of network needs)

Develop proper interfaces for efficient and secure **data management/exchange**

Development and publication of long-term **plans for DSO networks** in relation to the TYNDP

Reducing investment cost by using **alternative solutions** i.e. innovative technologies and procurement of flexibility

No urgent need for a NC



Take time to **identify overlaps and gaps**. Available reports (ASM, EG3, CEER) are a good starting point for **future advanced market design**.

- CEER Position on DSO-TSO-relationship (Sept 2016)
 - ▶ The report proposes a set of high-level principles which CEER believes should set the trajectory of the future DSO-TSO relationship, and related regulatory arrangements. These principles are set out in four areas: overarching principles, governance arrangements, network planning and system operation. Together the principles drive towards the need for effective coordination and cooperation between DSOs and TSOs, and for all parties to act in the best interests of the system as a whole.
 - ▶ https://www.ceer.eu/documents/104400/3731907/C16-DS-26-04_DSO-TSO-relationship_PP_21-Sep-2016.pdf
- CEER Conclusions Paper on Incentives Schemes for Regulating DSOs, including for innovation (Feb 2018)
 - ▶ The CEER conclusion paper addresses the changing needs and aims of regulation, which are driven by ongoing market developments and the energy transition. Advocating a “whole system approach”, requires the DSOs to look at the societal net benefits for the whole system, rather than the impacts only on their own grid.
 - ▶ <https://www.ceer.eu/documents/104400/-/1128ea3e-cadc-ed43-dcf7-6dd40f9e446b>
- CEER Conclusions Paper on Flexibility Use at Distribution Level (July 2018)
 - ▶ This document presents CEER’s position on goals relating to the use of flexibility at distribution level: The regulatory framework for DSOs; enabling the development of a full range of possible flexibility services; treating all sources of flexibility in a non-discriminatory manner; giving DSOs the ability to access and use flexibility services provided by grid users for managing the distribution network; that details on the roles and responsibilities of DSOs should be determined at national level and; that it is pivotal to differentiate between the use of flexibility by market actors and the use of flexibility that benefits the grid by the DSO.
 - ▶ <https://www.ceer.eu/documents/104400/-/1128ea3e-cadc-ed43-dcf7-6dd40f9e446b>
- CEER Consultation Paper on Dynamic Regulation to Enable Digitalisation of the Energy System (Mar 2019)
- CEER Report on Procedures of Procurement of Flexibility (estimated End 2019)
- CEER Paper on the Whole System Approach (estimated Mid 2020)