



EU TSO futures: What to expect? What to ask for?

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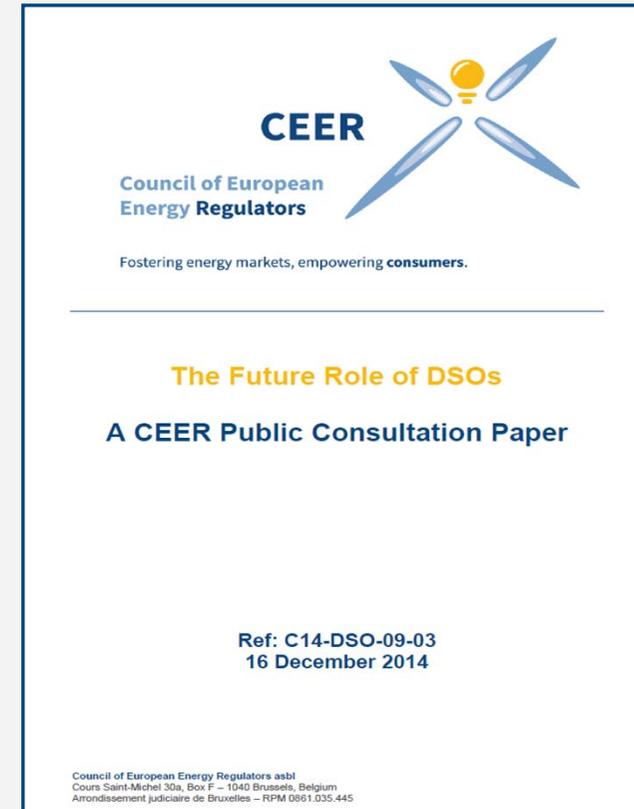


CEER The Future Role of DSOs consultation paper

1. THE FUTURE ROLE OF THE DSO –
MARKET VS REGULATORY ACTIVITIES

2. TSO – DSO RELATIONSHIP AND
RESPONSIBILITIES

3. ECONOMIC SIGNALS
ENCOURAGING DSOs AND
CUSTOMERS





DSO-TSO relationship and responsibilities

Key issues we consulted :

- Active role in temporary congestion management
- Importance of data flows between operators
- New rules for coordination
- Sharing of telecommunication infrastructures
- Emergency and restoration protocols enhancement (i.e. load shedding)

New roles?:

- Involvement of DSOs in system operation (forecast, operational schedule, real time operations, planning and development)
- Relationships between network operators: TSO-DSO and DSO-DSO



DSO-TSO relationship and responsibilities – conclusions

From our consultation it emerged that there is not a clear opinion on greater DSO involvement in balancing and congestion management at local level.

- General principle: some network services are local by nature (e.g. voltage constraints management by reactive power provision), while others are for the system as a whole (e.g. frequency response through active power modulation).
- The need to look at the DSO-TSO relationship from a system perspective.



Recommendations

Aspects to take into consideration in the Local scenario:

- 1) The need for better knowledge of the actual running and availability of DG units;
- 2) Ensuring that RES have balancing responsibilities which provide appropriate incentives to balance consumption with supply;
- 3) Consider decreasing the mandatory slide for thresholds of dispatchable resources in order to progressively include the resources connected to distribution grids.
- 4) Clear, EU-wide legal framework to overpass national solutions for “dispatching priority” to make RES non responsible at all for their injection profile.



Optimistic proposal

Scenario	Decarb	Integra°	Market structure	System operation	Governance (who in charge of?)	Regulation
Optimistic Proposal	Achieved	More than today	EU-wide integration of centralised & local resources	European and local	European tools and markets with EU wide ISO or TSO TSO-DSO coordination Greater responsibility for DSO	investment wave in cross-border infrastructure; incentives for local RES to participate in market; harmonized local markets?