



when balance is achieved

Security of supply

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What should regulators do for safeguarding security of supply?

- Introduce emergency and solidarity mechanisms
- Support diversification of supplier countries and routes
- Support implementation of energy efficiency measures

Emergency and solidarity (2-1)

A regulator should develop:

- A methodology and KPIs for monitoring performance of TSO in terms of network security and reliability.
- Define KPIs and necessary input data for monitoring investments in generation capacities in relation to security of supply.

Regulators should monitor:

- TSO's prequalification/certification/monitoring process for ancillary services
- Level and effectiveness of market opening and competition based on KPIs.
- Investments in generation and transmission capacities in relation to security of supply.
- Merit-order of the balancing suppliers

Emergency and solidarity mechanisms (2-2)

Regulators should work with TSOs:

To develop/amend grid code:

- To define ancillary services other than balancing
- To define Balancing Responsible Parties (BRP)

To develop a methodology for pricing balancing services separately

Diversifying supplier countries and routes

For the purpose of diversification of supplier countries and energy routes, the National Regulatory Authorities may:

- develop a methodology for allocation of transmission use costs.
- harmonize grid codes at the sub-regional level
- collect cost data of BRPs and calculate true-costs of cross-border balancing reserves

Increasing energy efficiency

– Electricity

- Investments in renovating hydropower stations;
- Optimization of capacity reserves and seasonal modes;
- Expansion of transmission network and integration of new capacities into the network;
- Requirements by Rule of Calculation of the Electricity Normative Losses (ensuring investments).

– Gas

- Natural gas savings through replacement of old Thermal Power Plants with efficient Combined Cycle Gas Turbine technology;
- Requirements by Rule of Calculation of Normative Losses in Natural Gas Distribution Network (ensuring investments).

Questions for discussion

1. What should be an optimal level of Security of Supply?
2. How should be allocated risks of Security of Supply?

THANK YOU FOR YOUR ATTENTION!



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