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Impact of System Resiliency on TSO processes and hardware

Jan Vorrink BaSc, MBA
TenneT TSO B.V. Netherlands

The presentation will cover the following topics based on the TSO's experience. It aims at discussion between the conference participants.

- Resilience construct: Prevention, response, and recovery

  Which mechanisms are used within the European TSO's to achieve resilience during normal and extreme situations. How will this impact the normal processes of the TSO. What will be the impact of the increase of RES on these processes and which new processes have to be developped. Which Control center applications to support resilience are then needed.

- Resilience in the context of data and communication interruption

  How do TSO's reach a resilient data and communication infrastructure. Are there new infrastructure requirements that need to be implemented.

- Integrated threat mitigation, defense strategies and crisis management

  Which strategies can be applied, are new strategies under development, can we use new infrastructure design as a strategy for increase of resilience.

Reference:

J. Vorrink, "Impact of System Resiliency on TSO processes and hardware", Wiesloch, May 15th 2017