

## Transmission Grid Resilience to Support NPP Operation

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Extreme events, specially ones that occur due to the weather conditions, are becoming more frequent in last couple of years, calling for increased attention to the power system resilience topic. Power system resilience is achieved through a set of measures to be taken before, during, and after extreme events, such as: anticipation, preparation, absorption, sustainment of critical system operations, rapid recovery, adaptation, and application of lessons learnt. The idea behind a power system resilience in general, as well as a role of transmission grid resilience as a subset of the power system resilience will be described. It will be briefly explained how the resilience topic is covered by CIGRE as well as by ENTSO-E. Finally, the support of NPP operation by transmission grid resilience will be demonstrated for NPP Krško case.

**Keywords:** *power system resilience, transmission grid, support of NPP operation*