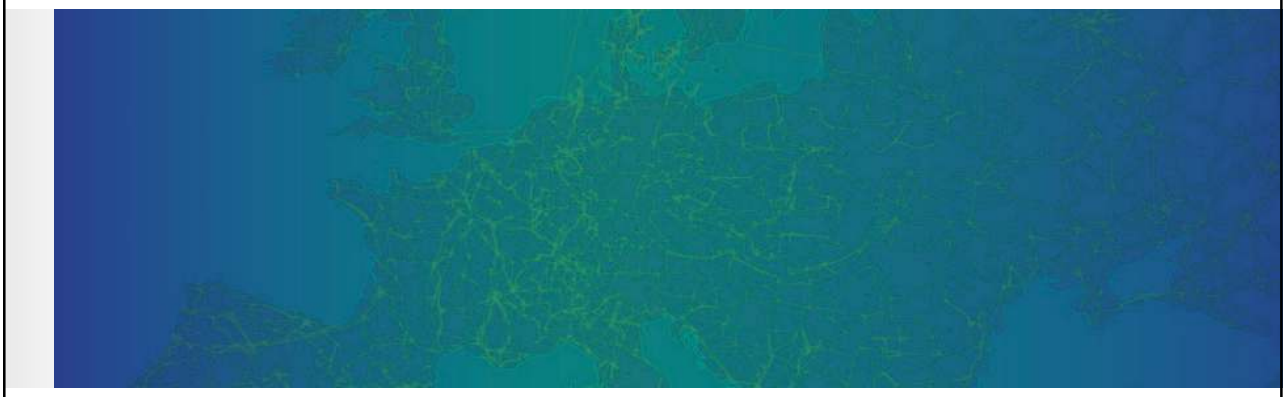
Regulation (EU) 2019/941: Risk-preparedness

Regulation implementation in the context of extreme weather conditions



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Reliable Sustainable Connected

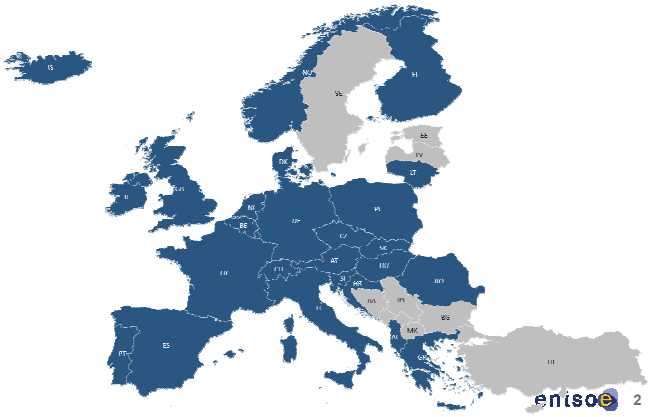
Identifying the Regional Electricity Crisis Scenarios

With Methodology being approved early 2020, the ENTSO-E identified the regional crisis scenarios submitting results on 7th September 2020 to relevant stakeholders

31 regional crisis scenarios identified, grouped into 10 thematical categories:

Topical groupings
Cyber attack
Attack
Extreme weather
Natural disaster
Fuel shortage
Human-related
Market rules
Technical failure
Other

Likelihood and severity of the regional electricity crisis scenarios were evaluated by 26 countries



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Highest ranked regional crisis scenarios (15 out of 31)

- Top 15 scenarios with highest ranking for likelihood and potential severity of impact range from various forms of cyber attacks and attacks.
- However scenarios linked to extreme weather conditions dominate the ranking

Topical groupings	Regional crisis scenario title
Cyber attack	Cyberattack – entities connected to electrical grid
Extreme weather	Heatwave
Attack	Physical attack – critical assets
Extreme weather	Storm
Extreme weather	Dry period
Fuel shortage	Fossil fuel shortage
Attack	Insider attack
Extreme weather	Cold spell
Extreme weather	Winter incident
Extreme weather	Multiple failures caused by extreme weather
Attack	Physical attack
Attack	Threat to key employees
Other	Pandemic
Technical failure	Loss of ICT systems for real-time operation
Cyber attack	Cyberattack – entities not connected to electrical grid

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Thank you for your attention!

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