



21ST FLORENCE ELECTRICITY FORUM

Common Position of EURELECTRIC DSOs, CEDEC & GEODE on Draft Requirements for Generators (I)

- **Rising share of generation connected to DSO grids -> strong impact on operational management & planning of DSOs**
- **DG individual capacity usually small, but with strong common mode**
 - Important system security issues for TSOs (frequency management)
 - Quality of supply concerns for DSOs (eg voltage management)
- **-> Grid connection rules & standards SHOULD address these issues; EU network codes the ones that are cross-border**
- **EU Network Code: What is a “cross-border network issue”?**
 - Characteristic of a network component, or connected apparatus, that allows a common mode action or reaction to a network disturbance to propagate across borders to a significant fraction of the total system



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Common Position of EURELECTRIC DSOs, CEDEC & GEODE on Draft Requirements for Generators (II)

- **Different generator, different role in European power system**
 - > Not all parameters listed in the Framework Guidelines (section 2.1) have cross-border relevance with respect to all types of generators
- **Distributed generation cross-border impact is limited to frequency management**
 - > The NC requirements for these generators should be substantially reduced
 - > ‘Cross-border’ should not be interpreted to force the convergence of local/national network requirements that have no impact on the overall system security
- **Compliance of small facilities to be ensured not by DSOs, but by manufacturer or vendor guarantees through type testing based on standards (event. complemented by testing before connection)**
- **Close TSO-DSO cooperation in drafting is necessary**
 - > ‘DSO Expert Group’ is a good first step but improvement is still needed