



# Network Code on Emergency and Restoration

## DSOs' associations high-level messages

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## Who we are

- “ 4 Brussels-based associations representing DSOs of all size, from all EU Member States.



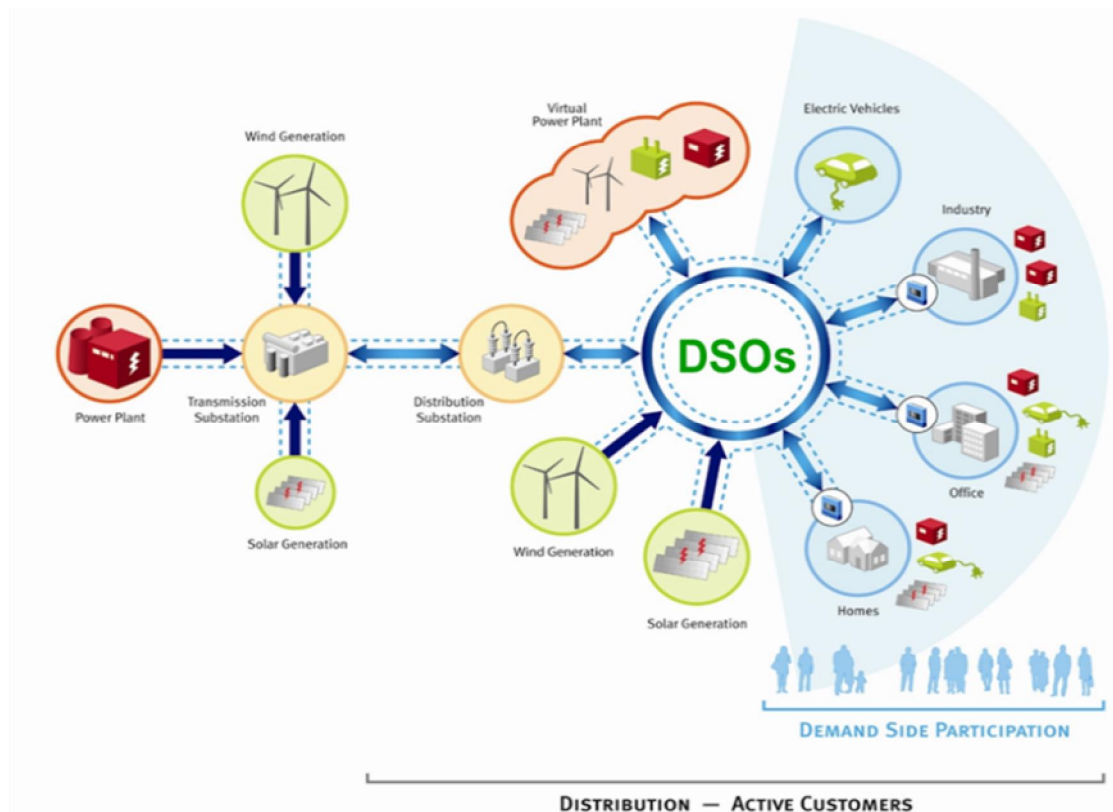
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- “ 2 joint Task Forces, actively working on:
    - “ Connection codes (RfG, DCC, HVDC)
    - “ System Operation and Market codes (OS, OPS, LFCR, ER, EB)



## **Suggestions for a smooth Network Code drafting process:**

- Align definitions with previous codes
- Avoid duplicating requirements and processes
- Refer to previous codes, in this case, the OS
- Check consistency with existing pieces of legislation (Third Package, Energy Efficiency Directive) and other European initiatives (M490, Smart Grid Task Force)

**With ever growing DER connected at distribution level, distribution systems are becoming more complex and having an increasing effect on the security of customers' supplies**



## DSO roles

- ✓ Ensuring the security of their system and the quality of service
- ✓ Market facilitation
- ✓ Transparent & non-discriminatory access



## Network codes should not hinder the development of smart grids...

*Article 15.1 ENERGY EFFICIENCY DIRECTIVE 2012/27/EU “Member States shall in particular ensure that national energy regulatory authorities ... provide incentives for grid operators to make available system services to network users permitting them to implement energy efficiency improvement measures in the context of the continuing deployment of smart grids.”*

### ...and should (1/2):

- “ Avoid duplication of communication channels.
  - DSOs should gather data from its users and pass it to the TSO.
  - DSOs should channel the TSO’s orders to the distribution-connected users.
  
- “ Not impose technical solutions on DSOs



## ...and should (2/2):

- “ Take into account the difference of scale between transmission and distribution networks. Compliance testing processes at DSO level could mean testing MILLIONS of network users.
- “ Allocate costs, taking into account the efficiency of the whole electrical system.
- “ Focus to the coordination among TSOs. As an example, the draft includes 67 references to ‘Each TSO’ versus 8 to ‘All TSOs’.
- “ Recognize Significant DSOs as Real System Operators and not as simple system users.



**Thank you for your attention**

**We look forward to cooperating with you!**

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