

Expert Group Network Codes - Input Febeliec

25/01/2016: Connection &
Compliance processes



**Febeliec represents
the industrial consumers
of electricity and natural gas
in Belgium**

- First high level overview of topics and discussion points
 - Non-exhaustive list
- To be discussed and elaborated based on the viewpoints and proposed process by Elia

- RfG: Local production units!
 - Cf discussion on significant grid users, small production units on sites with connection above 110 kV (e.g. small CHP, PV, wind mill, ...) → Type D and obligations related to this not acceptable, too high administrative burden
- DCC: Main focus of Febeliec
 - See following slides
- *Attention: CDS specific case!*

- Only for new Demand Facilities/Distribution Networks?
 - What with refurbishment?
 - CDS: Not recognized today, yet de facto existing?
- New Demand Unit with DSR
 - Demand Side Response Unit Document (DSRUD): Content to be defined by TSO (NC)
 - → Elia vision?
- EON/ION/FON/LON for TC Demand facilities
 - How to relate to current practice (connection study, detailed study, connection contract, connection realisation)?
 - Will this be on top or replace some of the above?
 - Timing? Administrative burden?

- Operational notification procedure for **existing** demand facilities
 - Preparatory stage for TSO to identify cases → Vision Elia?
Quantitative CBA for requirements for existing demand facilities
 - Public consultation: Many aspects to be defined, not always easy for Demand Facility Owners: Criteria, calculating principles, ...
 - Assistance and contribution of Demand Facility Owners → Vision Elia?
Timing? (e.g. 3 months for delivering relevant data)

- Compliance only for new demand facilities!?
 - Not very clear in NC!
 - Throughout the lifetime of the demand facility: what with refurbishments, evolving criteria, ...?
 - *“Any intention to modify the technical capabilities of the Demand Facility with possible impact on its compliance requirements shall be notified to the Relevant Network Operator prior to pursuing such modification in a time scale provided by the Relevant Network Operator”*
 - Very large scope!
 - Also for existing facilities? Which requirements apply in that case?
 - *“Any operational incidents or failures ...”*
 - *“Any foreseen test schedules and procedures ...”*

- TSO has right to request Demand Facility Owner to carry out compliance tests
 - When, how often, remuneration, ...?
 - Art 39.2: *“tests shall be run for (b) a further development, replacement or modernization of equipment takes place”* → Compliant with which requirements?
 - Demand Facility Owner shall provide suitable monitoring equipment: Which equipment, signals, measurements, ...?
 - *“Participation of Relevant Network Operator to the test and the form of this participation shall remain at the sole and exclusive discretion of the Relevant Network Operator”*

- Compliance testing for transmission connected demand facilities and closed distribution networks
 - “**Equipment Certificate** may be used to replace part of the tests, provided that it is registered with the Relevant TSO” → How will this be handled by Elia?
- Compliance testing & monitoring for reactive power ranges
 - To be discussed when discussing reactive power?
- Vision of Elia on derogations?

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