

Meeting Minutes
DT DCC – CENELEC (Mandate 490)

Date: 5 December 2011
Time: 14h00 – 17h00
Place: ENTSOE-E, Brussels

Participants:

Name	Affiliation
<i>DT DCC</i>	
Edwin Haesen	ENTSO-E
Kees Jansen	Tennet
Mark Norton	EirGrid
<i>CENELEC</i>	
Laurent Guise	Schneider Electric
Peter Ferstl	Siemens
Hervé Rochereau	EdF
Ingrid Soetaert	CENELEC
Johannes Stein	VDE/DKE
Catherine Vigneron	CENELEC
Serge Volut	Schneider Electric

DT DCC: ENTSO-E drafting team on the Demand Connection Network Code

CENELEC: relevant representatives of CEN/CENELEC in the context of Mandate 490 were invited by ENTSO-E for a discussion on the DCC

1. Welcome

2. Network Code Development

Presentation prepared by DT DCC on network code developments, the status of the DCC and the principles based on which the code will be drafted:

In previous stakeholder discussions (referring to the network code for generator connection) possible issues with existing standards were already mentioned which lead to rephrasing of the draft code. ACER framework guidelines on electricity grid connection state that the network code will precede over existing standards, but up to now conflicts have been avoided.

The DCC will give functional capabilities for demand facilities. CENELEC points out that more and more standards are based on functional requirements as well. Possibly a different interpretation of the term 'function' is used.

CENELEC expects that network codes will have parts with a generic format (requirements) based on standards for specific application and technical details . E.g. the case of EMC standards where test methods and sometimes preferred values are given but product standards set the details and specific levels.

CENELEC states that IEC / EN standards are checked for necessary modifications every 5 years or faster which allows coping with fast evolving technologies.

3. Demand Connection Code principles

(see presentation)

CENELEC notes that it could be difficult to keep track of which user is compliant to which grid code ('version management').

The principles of demand management capabilities, balancing capabilities and provision of ancillary services are discussed.

- CENELEC notes that it already received the question to have these topics supported by standardization bodies.
- The question is posed if imposing small technical requirements on domestic users would not be in conflict with other legal provisions, e.g. the Low Voltage Directive. (→ will be checked)
- **CENELEC didn't comment on the technical perspective on the discussed principles for demand response as it was just presented, but mentioned that legal issues have to be considered.**
- The DT acknowledges that these type of services need to be supported by a level of standardization.

4. Use case approach in Mandate 490

See presentation "Use Case collection and analysis" (9 November 2011)

Description of the use case methodology in M490

- Originates from the IT world (UML method)
 - Also introduced for smart grid standardization by EPRI
 - The DT sees similarities in the approach of introducing levels to the network code development approach that as many scenario outcomes as possible need to be covered by the code.
- **CENELEC and the DT DCC will explore how functional requirements of the DCC can be formulated as use cases, allowing the check if present standards can fulfill the proposed services and/or identifying the gaps in present standards.**

CENELEC will send a selection of the slides used in the meeting and a template of use cases (done).

5. Next steps

The DT DCC and CENELEC see at this point no conflicts between the DCC drafting and the work in Mandate 490, on the contrary possible benefits for interactions exist.

A follow-up meeting will be planned around mid-February 2012. (An option is to arrange for this in Frankfurt on 23/02 after a meeting of the M490 WG Sustainable Processes) The DT DCC will check if sending a first DCC draft by that period is possible.

6. AOB

MoU ENTSO-E and CENELEC

→ is still under discussion.

Interaction between the network code for generator connection and the Technical Committee TC8X

→ will be discussed, preferably before the public consultation on this network code starts. So far TC8X WG3 has not yet performed a formal cross-check exercise of its standard draft and the ENTSO-E network code draft on generator connection. Several differences are nevertheless mentioned by National Committees in the result of voting on prTS50549.

Interaction between TC95 (protection) and the DCC

→ Based on the discussed DCC principles, CENELEC sees no conflicts.