



CENELEC

EUROPEAN COMMITTEE
FOR ELECTROTECHNICAL STANDARDIZATION

CENELEC TC8X UPDATES

A. Cerretti
T. Schaupp

27 th Grid Connection European Stakeholder Committee meeting (GC ESC)

Wednesday, 21st September 2022, Ljubljana

1. ENTSO-e/ACER Grid Connection Stakeholder Committee Cenelec Member
 - ▶ David Quere, former Cenelec Member, resigned
 - ▶ New CENELEC members are:
Thomas Schaupp (already Cenelec Member Substitute)
Alberto Cerretti

Result of voting		
Vote Information		
Vote reference	TC8X/190/Q Next steps for EN 50549-10	
Vote type	CENELEC CIV	
English title	TC8X/190/Q Next steps for EN 50549-10	
Opening date	2022-04-02	
Closing date	2022-07-01	
Note	<p>Answer to Q.1: In case EN 50549-10 ED1 Cenelec enquiry criteria are met, do you agree that EN 50549-10 ED1 project is to skip the formal vote and go to publication. All technical comments will be resolved as part of a future EN 50549-10 maintenance project that will be launched immediately after the EN 50549-10 ED1 publication.</p>	
8	Y	Croatia; Czech Republic; Finland; Italy; Norway; Poland; Sweden; Switzerland
6	N	Austria; Denmark; France; Germany; Spain; United Kingdom
6	A	Hungary; Lithuania; Netherlands; Portugal; Romania; Türkiye

1. According CENELEC decisions EN 50549-10 will go to PUB (publication).
2. Expected date for publication: February 2023.
3. WG03 is evaluating to propose an ED.2 ASAP with official start after the PUB, due to the very high number of valuable comments received.
4. In case this approach will be confirmed in TC8X Plenary Meeting (18th November 2022) the first CD will be available latest 12 month after EN 50549-10 ED.1 publication.
5. TC8X WG03 is already working on received comments (4 meetings already held, additional 6 already scheduled) with the aim to finish discussion on comments before TC8X plenary meeting.
6. Possible results of ESC-EG ACPPM and HCF will be considered.

1. TC8X WG03 examined the received comments after public inquiry
2. Comments were divided in URGENT/MINOR IMPORTANCE and LESS URGENT/NOT COMPLETELY MATURE
3. First group of solved comments will be introduced in two AMDs to 50549-1 & 2 ED. 1
4. Publication is expected within 07/2023 up to 09/2024, according to the formal process that will be decided in TC8X plenary
5. Second group of comments will be discussed after the end of ESC-EG ACPPM and HCF and included in an ED.2

1. TC8X WG03 is actively participating in EG HCF and to EG ACPPM
2. Last TC8X WG03 meeting, hybrid mode, 14th-15th September 2022 was dedicated mainly to discussions on supporting these EGs
3. 2 half days were dedicated to ACPPM with the illustration of:
 - ▶ Joint Research Project “Grid Control 2.0” Control and Stability of Inverter Dominated Power Systems” from Fraunhofer Institute representative
 - ▶ Joint Research Project VerbundnetzStabil “GRID FORMING CONVERTERS IN INTERCONNECTED SYSTEMS” from Fraunhofer Institute representative
 - ▶ European Research Project OSMOSE on demonstration of grid forming control by energy storage systems from RTE representatives
 - ▶ Impact of grid-forming inverters on the DSO operation from WEST ENERGY representative and the consequent discussion (open also to hosts)
4. WG03 produced a detailed and shared doc on open issues regarding possible impacts of grid forming inverters on DSO grids and sent it to EG ACPPM as a contribute to the discussion
 - ▶ The doc included a proposal to install DER in gridforming mode on the HV/MV busbars to avoid unwanted impact on the DSO grid.