



**CENELEC**

EUROPEAN COMMITTEE  
FOR ELECTROTECHNICAL STANDARDIZATION

## **CENELEC TC8X UPDATES**

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

Wednesday, 30th November 2022, online meeting

# 50549-1 & 2

STATUS AND NEXT STEPS

- ▶ TC8X WG03 examined the received comments after public inquiry
- ▶ Comments were divided in URGENT/MINOR IMPORTANCE and LESS URGENT/NOT COMPLETELY MATURE
- ▶ First group of solved comments was introduced in two AMDs to 50549-1 & 2 ED. 1, sent to Secretary Inquiry by middle September 2022.
- ▶ Second group of comments will be discussed after the end of ESC-GC-EG ACPPM and HCF and included in an ED.2

- ▶ due to negligible number of comments (1 to -1, 4 to -2, all editorial), TC8X decided to skip formal vote
- ▶ CENELEC INQUIRY is expected by March 2023
- ▶ In case of positive CLC enq the publication process will start immediately
- ▶ AMDs therefore could be published by end 2023
- ▶ 50549-1 & 2 Ed. 2, instead, will start later with the aim to anticipate as much as possible RfG 2.0 contents

# 50549-10

STATUS AND NEXT STEPS

- ▶ EN 50549-10 Ed. 1 is available from 2022-10-28
- ▶ 50549 Family Standard is therefore complete and valid for all EU
- ▶ TC8X decided to work on ED2 immediately to include all technical comments received through the CENELEC INQUIRY (137 pages)
- ▶ TC8X WG03 already started to work on comments and only 3 comments are still pending
- ▶ End of discussion will be immediately after preliminary report of HCF, to have the complete alignment between Ed.2 draft and the EG conclusions

# ESG-GC-EGs

STATUS AND NEXT STEPS

- ▶ WG03 continue to actively support HCF and ACPPM
- ▶ During TC8X plenary meeting (2022-11-18) the opportunity to start standardization activity regarding GFCs was discussed
- ▶ WG03 shared position regarding possible impacts at present time of Grid forming inverters on DSO grids are:
- ▶ Protection strategies and operation solutions not mature enough and detailed evaluations not yet completed to allow a simple, safe and cost effective massive generalized introduction of Grid Forming inverters on MV and LV distribution networks of each EU Country
- ▶ Gridforming inverters , on the other hand, could be immediately connected to the HV/MV busbars (HV or MV through dedicated feeders) avoiding unwanted impact on the DSO grid.