

Report ACPPM 12-6-2023

in

GC ESC 15-6-2023

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ACPPM, timeline

- Advanced capabilities for grids with a high share of Power Park Modules
- Expert group under Grid Connection Stakeholder Committee
- Started in April 2022
- Final draft was prepared for submission to the GC ESC mid April 2023
- Comments from stakeholders before 15 May 2023
- View to acknowledgement at June's 2023 GC ESC meeting

Comments on the draft report

- DSO Entity
- ENTSOE

DSOs

- Some missing definitions of abbreviations used
- Suggestion for paragraph 6.1.4
- Extra remark in paragraph 12.1, considering the need for further research

- All the comments were accepted and integrated in the final version

ENTSOE (1)

- *Request for removal of chapter 10, on their understanding that is out of the scope of the ToR of the EG (and also of the GC ESC).*
- Many stakeholders, did not agree it was out of scope, and fundamentally disagreed with the suggestion of demoting Chapter 10 from the main report to an annex.
- We followed the majority view and decided to leave Chapter 10 in the main report.
- We didn't want to lose the support of all the stakeholders and didn't think prolonging the argument would lead to a timely completion of the report.
- So, that brought us to the final report, with chapter 10 still included
- With a changed Chapter 10's title and added some extra text, to explain the situation and particularly ENTSO-E's concerns.

ENTSOE (2)

- *Adaptations in chapter 11, to accommodate, substituting the diverging views stated in the draft, the compromise solution achieved by ENTSO-E and EU DSO Entity regarding the transitional period for type B and the removal of the possibility to disable the Grid Forming Capability.*
- We recognize the development of the text proposals and discussions.
- We can only comment the text of the public domain, and we know that ACER has been having separate multilateral discussions with stakeholders as to how the Grid Forming Capability should be drafted, and these developments are occurring in parallel with the EG's considerations.
- Conclusion: Not to try to change the text in Chapter 11. It represents the views of stakeholders in section and can still be taken as a clear expression of the intent of the members of the expert group, which ACER can take into account in the final drafting.
- We have added this explanation to the text in Chapter 11

ENTSOE (3)

Minor editorial comments.

- The 'text-team' took care of the editorial comments and also for the chapter 11 comments.

Report ACPPM 12-06-2023

- Report is sent to ACER on 12-06-2023
- The conclusions and recommendations are unchanged from the version shared with the ESC in March:
 - Undertake more research into the effects of high penetration of grid forming converters in DSO networks, including in particular stability issues.
 - Initiate a programme of creation of relevant standards, which should also include conformity tests and models for digital simulations.
 - Implementation should be phased, recognizing the developing maturity of the understanding of the effects of an interactions of grid forming converters (GFC).

Thank you for your attention