

# **Grid Forming Capabilities DSO Update**

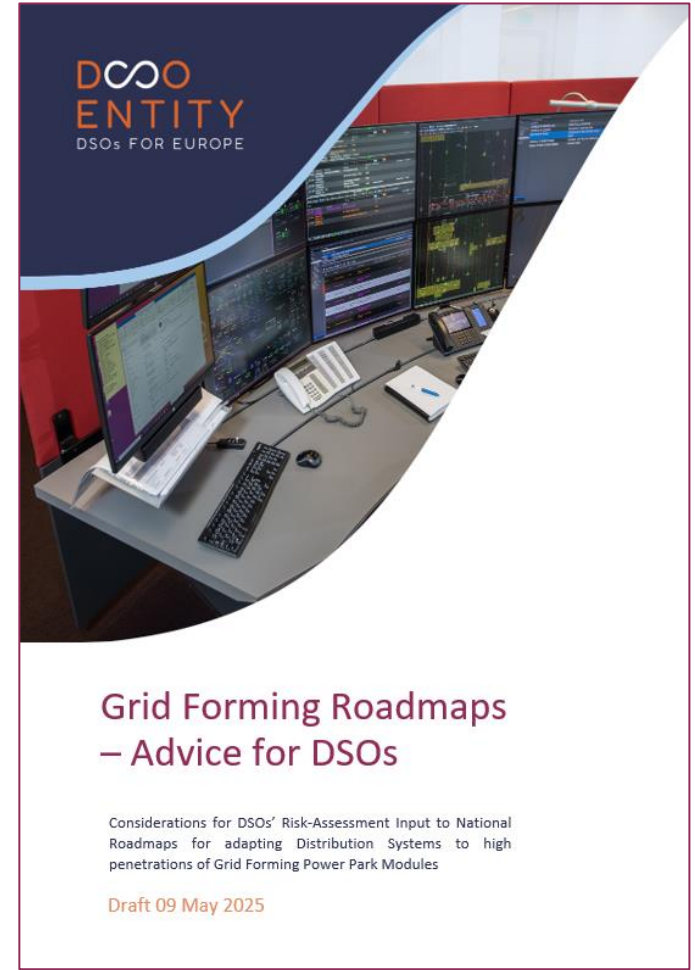
## **ESC GC 5th June 2025**

**Tony Hearne/Florentien Benedict**



# Support document for DSOs on Grid Forming Roadmaps - 1

- Document shared with ESC CG members and discussed briefly at Match meeting.
- Two comments received during and after meeting and actioned for EU DSO Entity to follow up on,
  - Michael Van Bossuyt – IFIEC
  - Catarina Augusto – SPE
- Proposed changes/additions to address the issues raised have been communicated to the parties.
- These actions are now closed.



## Support document for DSOs on Grid Forming Roadmaps - 2

- Bi-lateral meeting held with ENTSO-E on 5-5 25 to discuss (inter-alia), ENTSO-e's comments on the document.
- Productive discussions held.
- EU DSO Entity has taken on board majority of concerns raised and has communicated the proposed text changes/additions to ENTSO-E.

## Support document for DSOs on Grid Forming Roadmaps – Next steps

- Following the socialization and changes discussed above, EU DSO Entity now considers this version to be a final first version.
- The Entity will now consider the timing and nature of socialization to the wider European DSO community.
- This will be informed by the timing of entry into force of RfG V2.0.

# GFC Phase 2 Priority 7 meeting - 1

- EU DSO Entity had sought the inclusion of distribution anti-islanding protection into the Phase 2 workstream.
- A Phase 2 meeting to discuss was held on 24-4-25
- The question posed by Entity was whether, or to what extent, active methods of anti-islanding protection could be embedded in grid-forming invertors going forward?
- After much discussion, the outcome from OEMs and experts was confirmed to be “no!”
- During follow-on discussion, the consensus is that effective detection of islanding on distribution networks is virtually impossible by these active methods.

## GFC Phase 2 Priority 7 meeting - 2

- Topic of hosting of GFM and GFL on same inverter being offered by some OEMs raised by Alberto Cerretti.
- Topic discussed. Distinct lack of appetite for inclusion of this into the GFC Phase 2 report was clearly articulated by ENTSO-E.
- DSO Entity took action to propose an Annex to the Phase 2 report to reference the possibility of such offerings being made available by some OEMs going forward, and what the implications might be.



# Questions?