**IBRWG Update**

**March 2025**

**Chair: Julia Matevosyan, Vice-Chair: Miguel Cova Acosta**

**IBRWG met on February 21th (Webex, Open Meeting).**

The agenda and the presentation slides are available [here](https://www.ercot.com/calendar/02212025-IBRWG-Meeting-_-Webex)

111 people attended the meeting (at peak)

**IBRWG Main Meeting**

NOGRR272 and PGRR121 (tabled at ROS) were not discussed at IBRWG February meeting.

**OEM Presentations on Capabilities and Perspective on ERCOT’s Advanced Grid Support Requirements for ESR**

Stephen Giguere, Power Electronics & Ling Chen from SUNGROW

* Presented on their inverter grid forming capabilities and ability to comply with AGS ESR Testing Framework proposed by ERCOT – haven’t indicated any issues on the testing side
* Covered their installed and perspective GFM projects around the world
* Stated that they have OEM specific models of GFM equipment
* Both OEMs stated that their current inverters can be upgraded to GFM with a software update.
* PE: a larger filter is required for grid forming plants. SUNGROW: MQT studies include more tests than for grid following plant.

**Including HRL as an aggregated value of a defined IRR Group**

Ismael Moral Diaz, Acciona

* Issues with ERCOT monitoring HRL by unit for IBR plants consisting of multiple units, while SGIA MW limit is that the POI.
* This results in loss of revenue, when one unit has a cloud cover and the other unit could potentially compensate up to the SGIA MW
* Proposes to use existing definition for IRR Group, whereby one HRL of the Group is monitored by ERCOT
* This will potentially allow ERCOT to get more MW from existing plants.
* Acciona plans to formally propose this change to ERCOT.

**PRC-029-1 & NOGRR245 Comparison and Category 2 Registration Practice Guide**

Mark Henry, ERCOT

* PRC-029-1 is NERC’s new ride through standard for IBRs. PRC-024-04 was also updated by NERC – both as a follow up on FERC Order 901.
* Both the standards are at FERC. Notice of Proposed Rule Making RM 25-3-000, comments due till 3/24. TRE encourages to review and submit comments.
* Comparison of PRC-029 and NOGRR245 – overall well aligned, no conflicts.
* Category 2 IBR Registration Practice Guide Release and webinar on Category 2 IBR Registration, on 03/03/25 (registration link on the slides).

**Other Industry Updates**

Julia Matevosyan, ESIG

* Salt River Project (SRP), utility in AZ, recently released a [Business Practice on Grid Forming Battery Energy Storage System Specification and Simulation Test Procedures](chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http:/www.oasis.oati.com/woa/docs/SRP/SRPdocs/Business_Practice_%E2%80%93_GFM_BESS_Specification_and_Simulation_Test_Procedure.pdf), effective February 14, 2025.
* ESIG completed a study on the benefits of GFM BESS in realistic network (ATC footprint). Held the [webinar](https://www.esig.energy/event/webinar-benefits-of-gfm-study-discussion/) presenting the study and recommendations.
* [ESIG Spring Technical Workshop](https://www.esig.energy/event/2025-spring-technical-workshop/) and sessions relevant for IBRWG scope.

**DWG and IBRWG Collaboration**

AGS ESR Model Quality Tests, Sun Wook and Scott Zuloaga

* DWG Manual redlines on AGS ESR Testing presented at February DWG meeting – also posted on IBRWG February meeting page.
* Stepped through DWG Manual redlines, to highlight the changes.
* The redlines are consistent with ERCOT’s AGS ESR Testing document (posted on September 2024 IBRWG meeting page).
* ERCOT posted the FAQ document and stepped through it during the meeting, highlighting those that resulted in changes to DWG manual.
* A question was raised about planning studies assumptions for AGS ESR –discussion postponed until NOGRR272 and PGRR121 come back to IBRWG.