Inverter-Based Resource Workshop Follow Up Update

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Transmission Planning

ROS
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Background

- ERCOT stakeholders discussed issues associated with inverter-based resources during a workshop held on April 25, 2019.
- These issues were consolidated and summarized in a document which was posted on the workshop webpage.
  - http://www.ercot.com/content/wcm/key_documents_lists/176763/IBR_Workshop_Issues_and_NextSteps.pdf

Inverter-Based Resource Workshop Follow Up Status Dashboard

Issues	Status (Tentative Schedule)	Workgroups	Target Dates
Better Communication of Existing Requirements	Develop a reference document to facilitate the understanding of the existing requirements, procedures, and practices. (Q4, 2019) Consider a NPRR on IBR definition. (Q4, 2019)	Resource Integration Workshop (RIW) Resource Definition Task Force (RDTF)	No scheduled activity No scheduled activity
Nuisance Tripping and Artificially Limiting Plant Capability	Continue discussion on this topic.		No scheduled activity
Voltage Ride Through and Momentary Cessation	Consider a NOGRR to clarify VRT and momentary cessation (Q3, 2019) Consider a NOGRR to add transient overvoltage ride through requirement (Q3, 2019) Identify the need of more detailed FIS stability analysis (like PSCAD study) (Q3, 2019)	Dynamics Working Group (DWG) DWG DWG, RIW	DWG (8/27/2019)
Dynamic Models	Consider a PGRR to improve dynamic model quality (Q3, 2019) To strengthen the model validation requirements (Q4, 2019)	DWG, RIW DWG, RIW	RIW (6/20/2019, 7/30/2019) DWG (8/27/2019)
Battery Energy Storage Operational Requirements	Develop requirements for battery energy storage (Q1, 2020)	ROS, RIW	No scheduled activity
Advanced Features and Others	Continue discussion on this topic.		No scheduled activity

Next Steps

- ERCOT will discuss these issues with ROS and related working groups for stakeholder discussion and possible protocol and guide revision requests.
- ERCOT will provide regular updates to ROS of each of the issues.