Battery Request for Information

John Bernecker
Manager, Transmission Planning Assessment

December 9, 2020

Background

- Data fields included in RRGRR023, but not yet available in RIOO, are needed to properly model batteries, and Self-Limiting Facilities and DC-coupled Resources that include batteries in economic planning studies

- Data fields included in RRGRR023 are also needed to determine the capacity contribution of batteries, and Self-Limiting Facilities and DC-coupled Resources that include batteries for resource adequacy studies

- ERCOT proposed using requests for information to gather the information needed for economic planning studies in presentations provided to RPG and PLWG in May and June of 2020

- Discussions on the capacity contribution of batteries are ongoing at SAWG

Battery RFI

- ERCOT does not have information on roundtrip efficiency, energy capacity MWh or if a battery is a part of Self-Limiting Facility (NPRR1026) or DC-Coupled Resource (NPRR1029)

- Until RRGRR023 is implemented in RIOO, ERCOT plans to collect this information via RFI

General Information	
INR Number:	
Project Name:	
Interconnecting Entity:	

Energy Storage Information	
Field	**Value**
Roundtrip Efficiency at the POI (%)	
Nameplate MWh Rating	

Intended Use *(Please Select)*

Co-location Information	
Is the battery part of a DC-Coupled Resource? *(Please Select)*	
DC-Coupled Maximum Injection (MW)	
DC-Coupled Maximum Withdrawal (MW)	
Is the battery part of a Self-Limiting Facility? *(Please Select)*	
Self-Limiting Facility Maximum Injection (MW)	
Self-Limiting Facility Maximum Withdrawal (MW)	

Next Steps

- ERCOT is finalizing the battery RFI template
- The template will be posted to the Resource Integration page of the ERCOT website (http://www.ercot.com/services/rq/integration)
- ERCOT plans to send out initial requests in January
- IEs with planned storage projects with signed IAs should complete the template and upload to RIOO-IS
- ERCOT will also send the RFI to REs with existing operational batteries
- Completed battery RFI templates should be uploaded to RIOO as an "Other" file type

Questions?

- Questions or comments can be sent to:
    - John.Bernecker@ercot.com
    - Julia.Matevosyan@ercot.com