



**IBRWG
RIOO and NOGRR245
Implementation Updates**

Mario A. de la Garza

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NOGRR245 and RIOO

- ERCOT will implement enhancements to RIOO system to enable Interconnecting Entities (IEs) and Resource Entities (REs) to maintain NOGRR245-related data throughout a Resource’s full lifecycle
- IEs and REs must maintain accurate and up-to-date data throughout the interconnection process
- Project or Resource must provide information to advance through each phase of interconnection process (Figure 1)

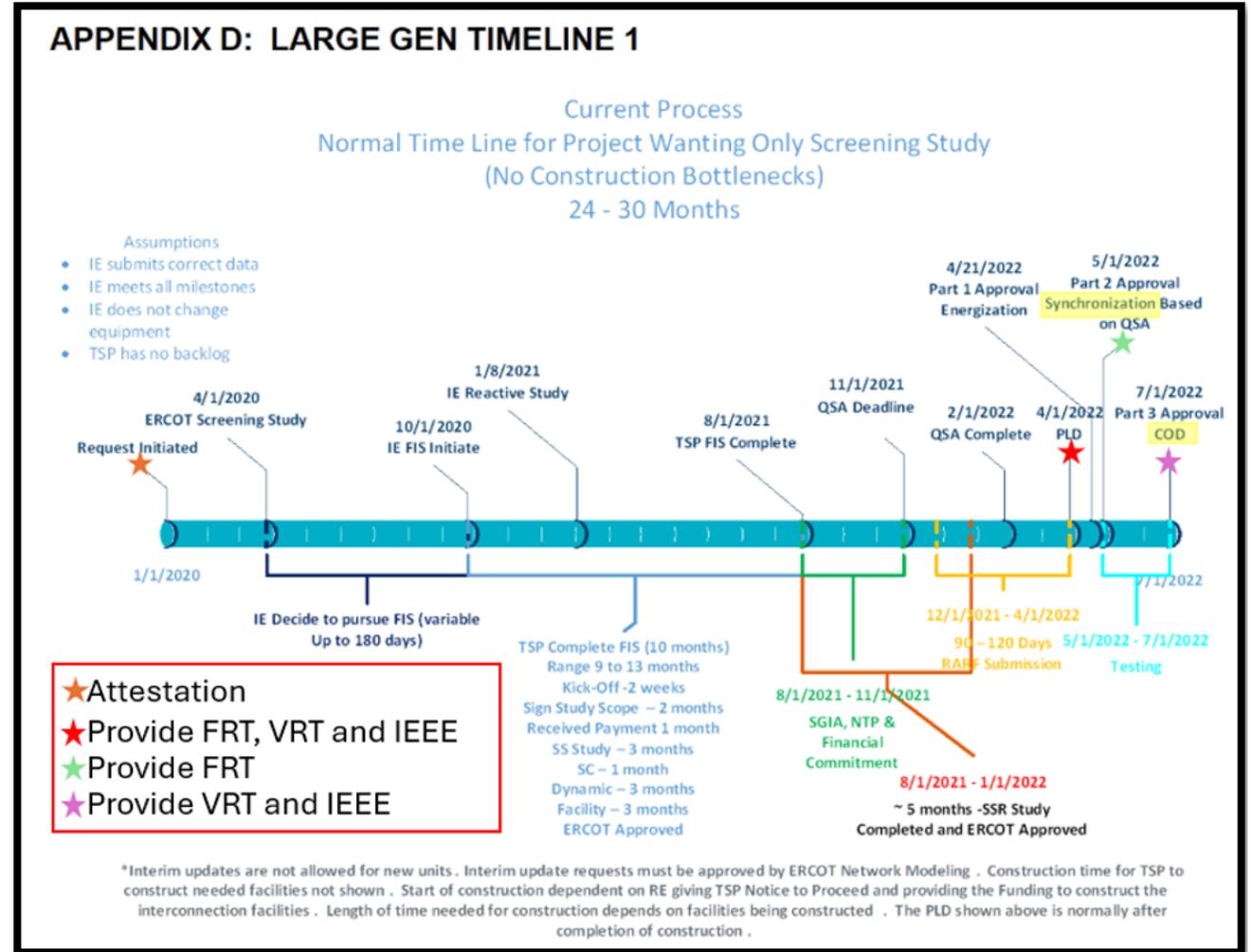


Figure 1: Appendix D: Large Gen Timeline 1 from the Resource Interconnection Handbook

RIOO Specifics

- When IE/RE initiates a request, RIOO-IS will prompt user to attest he will follow NOG ride-through requirements
- Following Production Load Date, new change request type will be “Ride_through”
- Non-ride-through change request types cannot update the required information
- User can see existing data but cannot make changes
- ERCOT will not approve Checklist Parts 2 and 3 unless it receives updated information approved by the Generation Reliability Integration (GRI) team

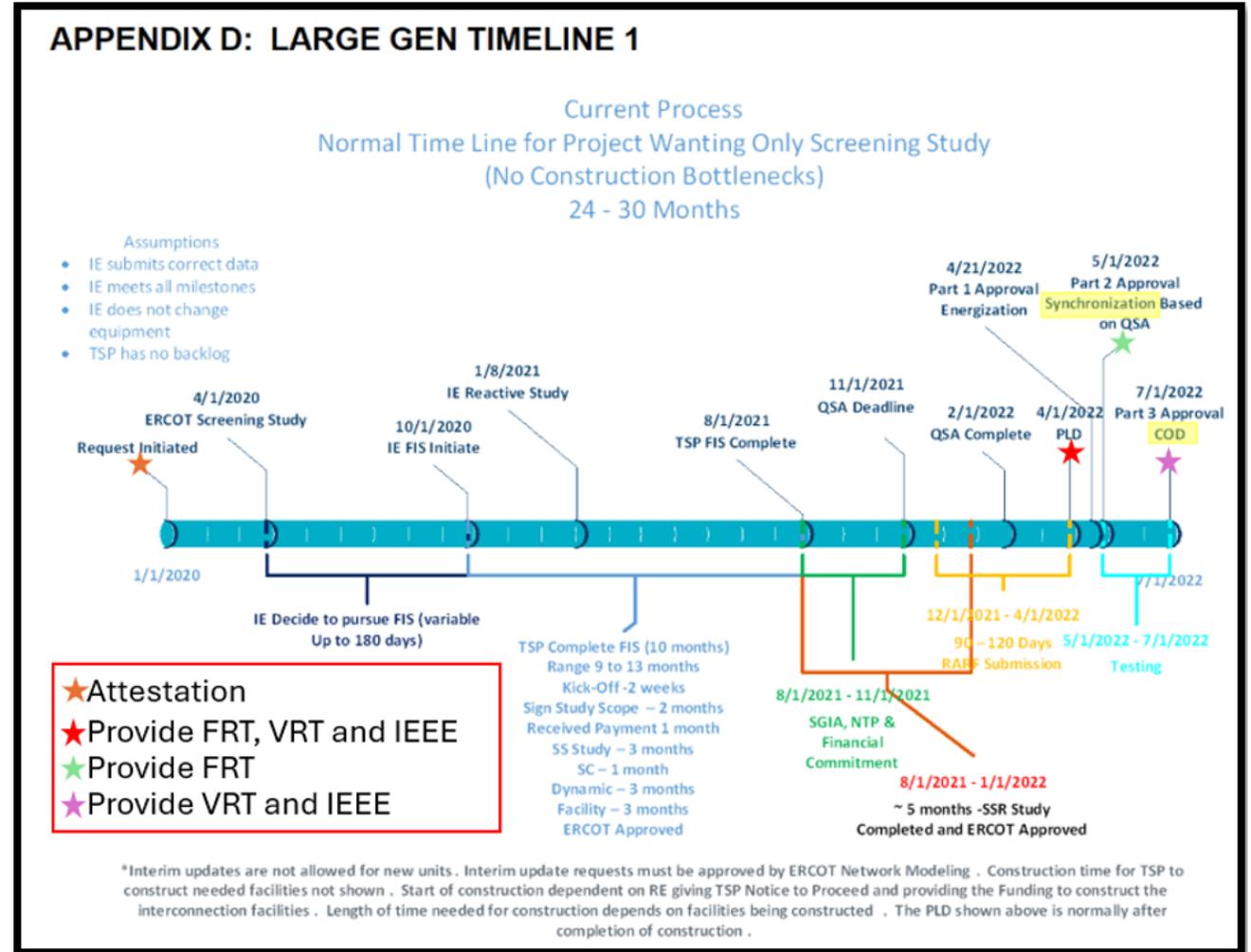


Figure 1: Appendix D: Large Gen Timeline 1 from the Resource Interconnection Handbook

New Change Request

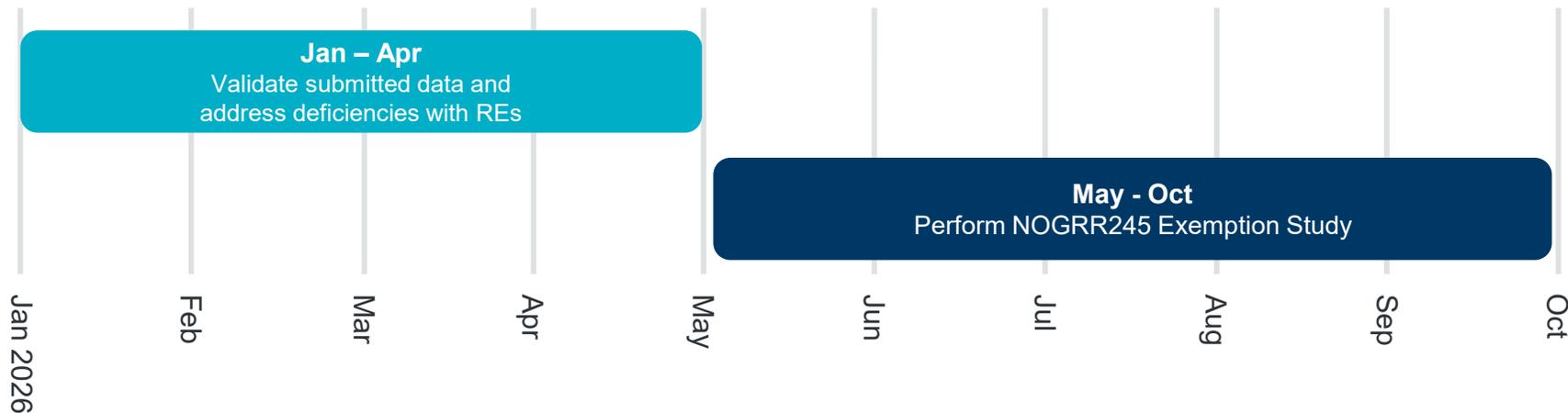
- Change Request of type “Ride_through” consists of:
 - FRT Panel
 - VRT Panel
 - IEEE 2800-2022 Panel
- Attachments are required, include the following:
 - OEM Documentation
 - Consultant studies
 - Capability curves
- “Ride_through” Change Request are not intended for PGRR109 submissions. PGRR109 submissions have to be submitted via “Attachment_only” Change Request

Known Issues & On-going Operations

- RIOO Known Issues
 - For text fields, refrain from providing responses over 250 characters
 - More than 250 characters may result in submission having errors and not getting submitted correctly
- On-going Operations
 - RE must maintain and update Resource’s ride-through and IEEE 2800-2022 data in RIOO-RS via a “Ride_through” Change Request throughout Resource’s operational life
 - RE must update Resource’s ride-through capabilities in RIOO-RS via a “Ride_through” Change Request after implementing modifications to any control settings or equipment that impacts dynamic response at Point of Interconnection (Planning Guide 5.5(6))
 - ERCOT’s GRI team will reach out to REs annually to ensure ride-through and IEEE 2800-2022 information in RIOO-RS is up-to-date and accurate

NOGRR245 Ride Through Requirements – Next Steps

- ERCOT will initiate Reliability Assessments in Q2 2026 to evaluate exemption requests (PUCT Electric Substantive Rule §25.517)
- ERCOT will continue working closely with REs to gather necessary information for assessment, including dynamic models
- ERCOT will collect as much information as possible by 4/30/26
 - If any required information is missing after that date, ERCOT will involve ERM



Questions?

