



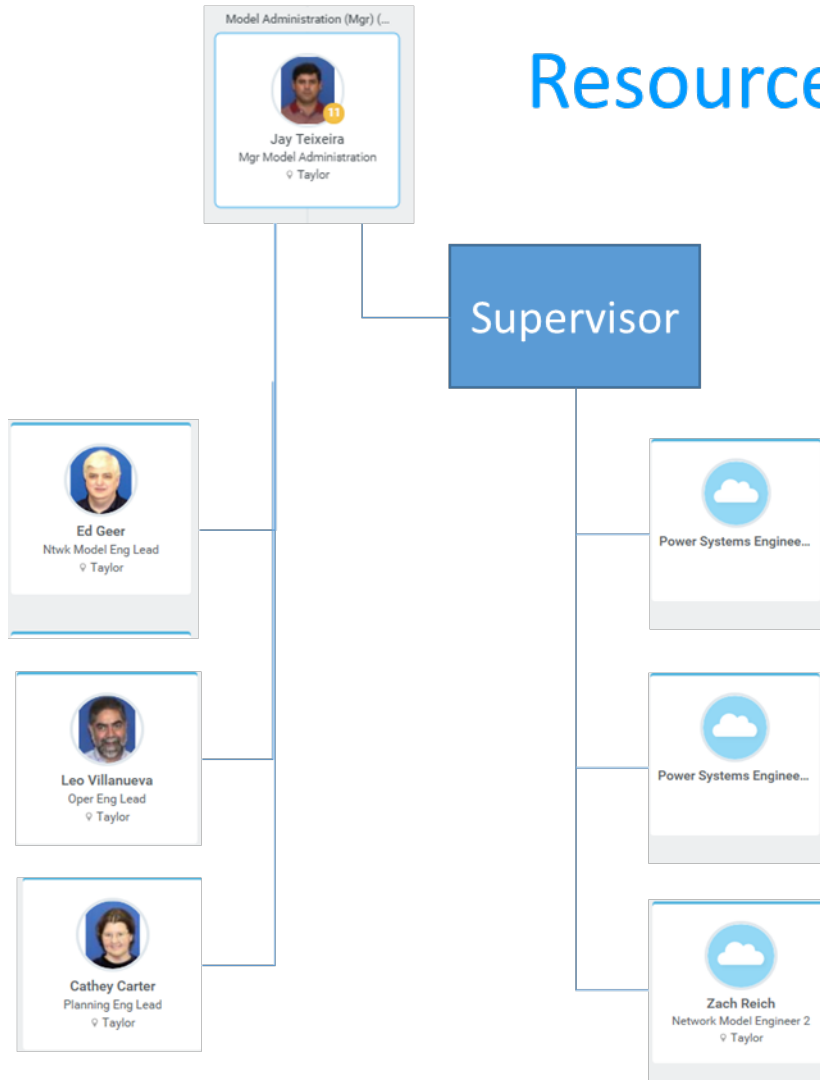
Resource Integration Workshop

ERCOT
Jay Teixeira

August 30, 2017

New Resource Integration Department

Resource Integration



Notes for the following slides

- These are possible changes and not being proposed
- Possibly controversial
- No debate today
- Send comments on the following topics to jteixeira@ercot.com

Possible Changes to Interconnection Process Temporary and Permanent POI in same INR

- No longer allow temporary POI and permanent POI studies in same INR. These will be submitted as separate INRs. Currently allowed by PG 5.4.2.2 (2) if agreed by IE and TSP
 - Different POI quite often have very different power flow results
 - Leads to situation where a GTC is not needed for temporary POI but is needed for permanent POI

Possible Changes to Interconnection Process

Projects cannot be split

- Developers will no longer be able to subdivide projects into phases with same or different synchronization dates
 - Projects can be decreased in size
 - Additional projects can be submitted at the same POI
 - The previous practice caused confusion and time-consuming documentation problems

Possible Changes to Interconnection Process

Projects must have a unique name

- Interconnection requests must include a name that is not in use anywhere else in the ERCOT system and not too similar to any other name
 - ERCOT Operations uses NMMS model name but REs and TSPs may use different name. It is critical that equipment names are unique, easy to spell, and pronounce, and used by all
 - Once a project name is acceptable to ERCOT it will not be changed

Possible Changes to Interconnection Process

Propose new fee structure

- Propose a new fee structure to make sure that INRs are serious propositions and not fishing.
 - Overload ERCOT staff with extraneous studies
 - More attention needs to be paid to screening study results where generation deliverability is shown to be affected
 - Graduated scale for subsequent INR requests?
 - Higher fee for INR to voltage less than 345 kV?

Possible Changes to Interconnection Process

Sale of project before commercial operation

- Seller informs ERCOT of sale, identifies buyer, and provides contact information
- ERCOT asks buyer to confirm by submitting an updated RARF including contacts.
- ERCOT places project into Dead Zone until RARF confirmation received.
- ERCOT will cancel any project left in the Dead Zone for more than 30 days.

Possible Changes to Interconnection Process

Developers must reply to ERCOT requests

- When ERCOT staff request additional or updated information about a project, the developer shall either answer in full or acknowledge the request within 5 days and commit to answering in future. PG 5.3.2(1)
- Failure to answer or acknowledge requests for information within 30 days is grounds for project cancellation.

Possible Changes to Interconnection Process Biannual Attestations as Proof of Life and Communication

- Bi-Annual RARF attestations are required by PG 5.3.2 (3)
 - Cancel INRs where attestations are not sent.
 - There are numerous INR projects that have not had action in years
 - These INRs need to be deleted to keep project list reflective of active projects
 - Attestations will alert ERCOT to projects not active or where communications have ended

Other contact information

- GINR@ercot.com - still used for INR activity
- ResourceIntegrationDepartment@ercot.com is distribution list for Resource Integration department

QUESTIONS?

Thank you!