



RAC Three-Year Work Plan Highlights

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RAC Three-Year Work Plan

- The work plan is a living document; as work changes and opportunities arise, it is modified
- Captures ongoing work as well as new activities
- Link to the current Three-Year Work Plan
 - <https://www.wecc.org/Administrative/RAC%20Three-Year%20Work%20Plan.xlsx>

Long-Term Transmission Planning

- This is an emerging item
- Details are not yet determined
- Drivers
 - FERC actions are creating needs for longer horizon information
 - Uncertainty in load projections, resources forecast, transmission plans of individual entities
 - Transmission takes a long time to build
- RAC is discussing how we can best support the industry

Data/Model Development

- Our bread and butter
 - Anchor Data Set
 - Base Cases (power flow and stability datasets)
 - Project coordination and rating processes
- New data and coordination needs: Short Circuit Data
- Potential to add a variety of long-term scenario assumptions

Assessments

- 2023 Study Program
 - Areas of focus: Extreme weather, increased electrification, grid strength, emerging grid forming technology, and energy storage
 - Likely more frequent assessments being developed as needs arise
- Model validation and development—compare simulation results to measured system conditions, develop and approve models for new technologies
- Other assessments
 - Underfrequency load shedding
 - Geomagnetic disturbance
 - JGC is discussing resource adequacy and that may fall with the RAC

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