



**TEXAS RE**

# **FAC-008: Facility Rating Methodology Recommendations**

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# FAC-008 Purpose



## □ Importance of Accurate Facility Ratings

- Incorrect ratings could lead to equipment being operated outside of its capabilities & could cause failure & problems on the BES, including fires & uncontrolled, widespread outages
- Accurate Facility Ratings are important to provide ERCOT data to conduct proper modeling (System Operating Limits are based on FAC ratings)



# What Can I Do?



## □ Common Recommendations:

- Documenting Assumptions
- Normal/Emergency Ratings
- Relay Loadability
- Facility Walk-Downs
- Review of Methodology
- Accurate Revision History



# FRM Improvements

## □ Documenting Assumptions

- Equipment Rating Standards
- Ratings from Manufacturers
- Ambient Temperatures
- Operating Limitations

## □ Normal/Emergency Ratings

- Separate Ratings for Normal vs Emergency

## □ Relay Loadability

- Specify in Methodology & Include in Worksheet



# FRM Improvements

## □ Walk-Downs:

- Ensures changes in the field are accurately reflected in Facility Ratings Worksheet
- Ensures Accurate System Operating Limits (SOLs) and Interconnection Reliability Operating Limits (IROLs)



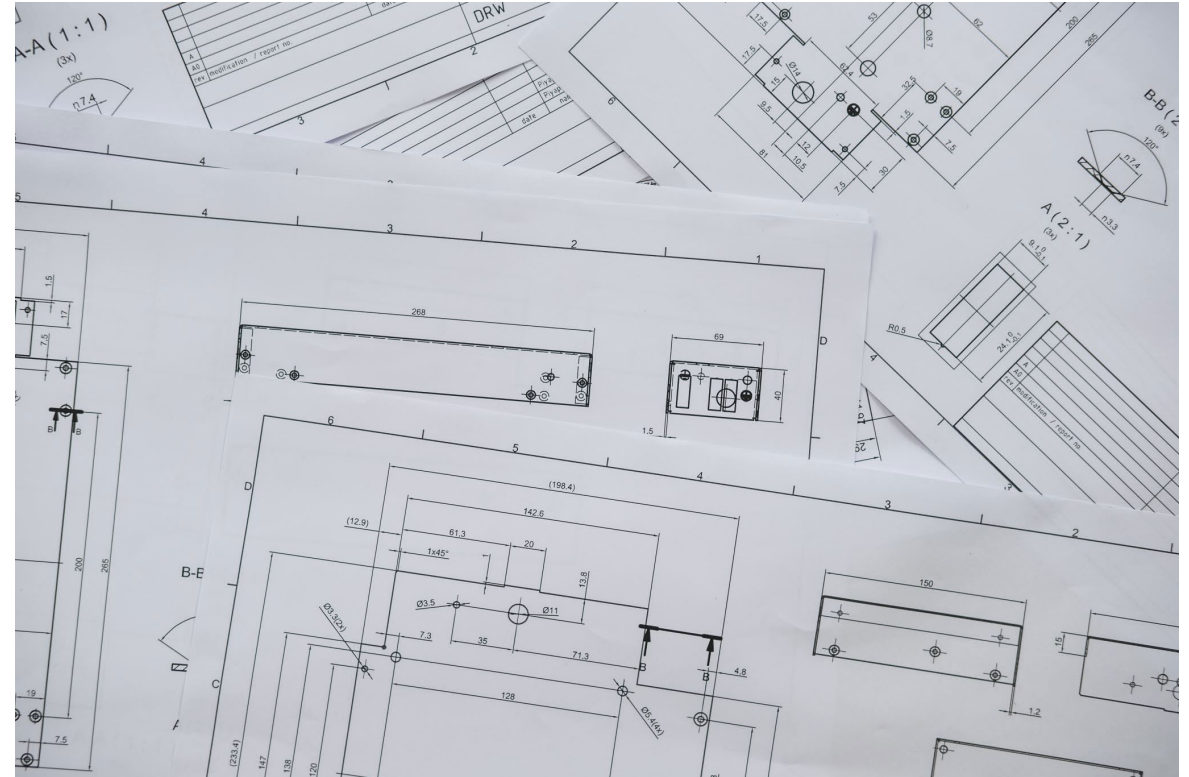
# FRM Improvements

## □ FRM Review Processes:

- Periodic Review
- Equipment upgrades, replacements, repairs
- References Current Version of Standard

## □ Revision History:

- Who approves
- What changed
- When



The background of the slide features a blurred Texas state flag on the left and a dartboard with several darts on the right. The darts are positioned as if they have just been thrown, with some appearing to be in motion. The overall scene is set against a clear blue sky.

# Questions?



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Ensuring electric reliability for Texans