**TAC Emergency Conditions List**

Action Item 30

*30 Frequency Relay Points: Analyze load shed responsibilities related to frequencies for generation and load and ensure alignment.*

Mostly still asking/collecting questions –

* Is 59.3 Hz the optimal value for UFLS?
* Should there be additional frequency points where some automatic load shed occurs (59.4)?
* What are the risks of damaging generator turbines when frequency remains below 59.4 Hz (refer to Item 45 for some answers)?
* Can FFR frequency triggers be changed and/or tied to ROCOF? (Probably not tied to ROCOF – measurement capabilities are lacking – see NPRR863)
* Is it appropriate and necessary for some Load Shed orders to be allowed up to 30 minutes to execute?

Suggestion – ERCOT could consider sending an RFI to GOs or QSEs to ask about turbine damage risk when operating frequency is below 59.4 Hz.

NOGRR226 relates to this topic