



**TEXAS
REGIONAL
ENTITY™**

An Independent Division of ERCOT

Event Analysis and Compliance Violations

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Objectives

- Event Analysis
 - Purpose
 - Goals
 - Process
 - Major Events
- Compliance Violation Investigation

Top Priority – Reliability

The event analysis process is used to review significant events that could jeopardize the reliability of some or all of the ERCOT bulk power system.

“Significant” means something out of the ordinary with heightened risk to reliability or refers to an action that implies a violation.

Investigating an event does not require or necessarily imply there is a compliance violation.

Event Analysis – Discovering What Happened

- Purpose of an event analysis
 - Recreate the sequence of events
 - Identify the state of the grid at various points during the event
 - Review operational procedures and responses.
- Result — Expose weaknesses in our reliability scheme

Event Analysis Goals

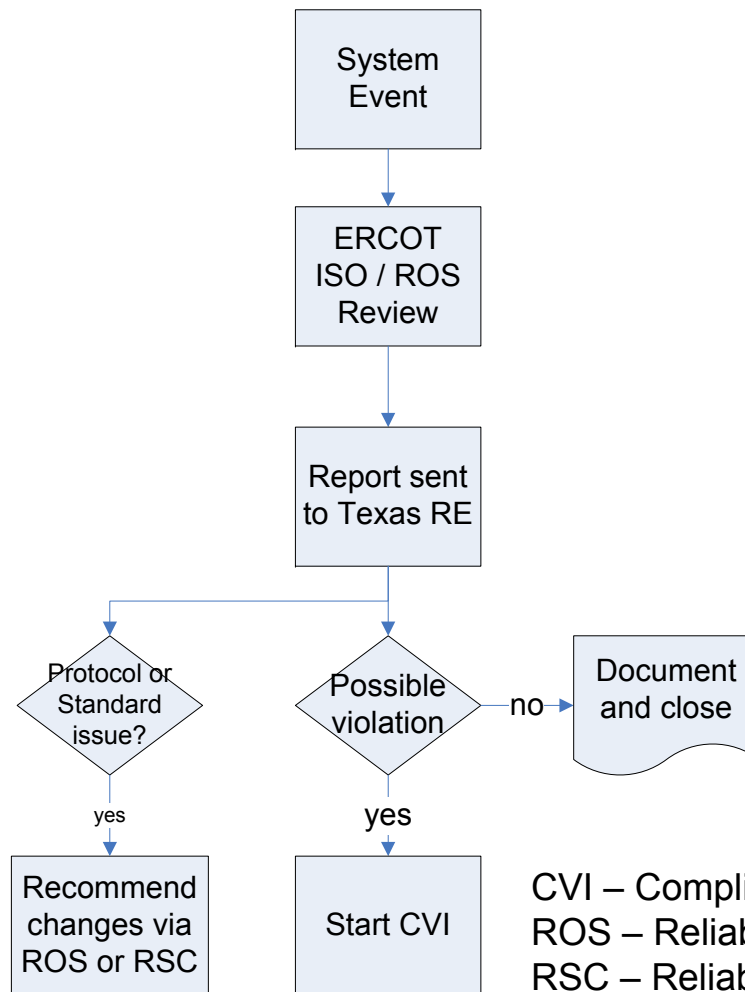
- Improve reliability by
 - determining root cause,
 - identifying lessons learned, and
 - recommending improvements.
- Recommend ways to protect the ERCOT region from a similar or worse event through
 - changes to protocols or reliability standards, or
 - the enforcement of existing protocols and reliability standards.

Event Analysis Input

Input from entities with specialized expertise will be required:

- ERCOT ISO
- Stakeholders
- Sometimes NERC and FERC

Typical Event Analysis Process



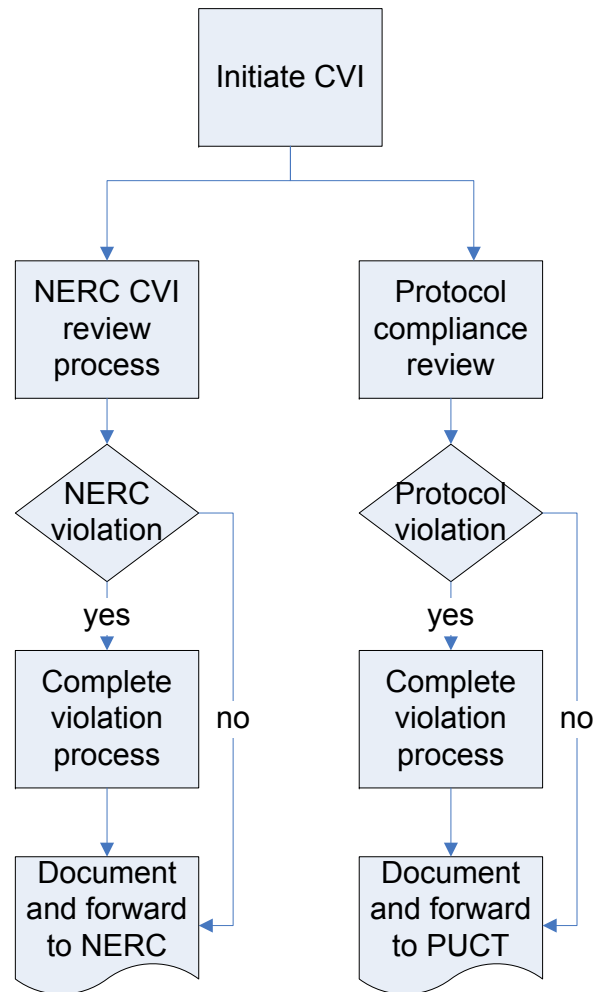
CVI – Compliance Violation Investigation
ROS – Reliability and Operations Subcommittee
RSC – Reliability Standards Committee

Determination of Major Events

- Threat to reliability considered to be very high.
- A significant outage occurred.
- ISO substantially involved; impartiality of the Regional Entity requires NERC or FERC involvement.

For major event, a team led by NERC or FERC may be engaged in an independent investigation.

Compliance Violation Investigation Process



Questions?



You may also submit questions to information@texasre.org