

# ERO Event Analysis Process and Appendices – Version 3 - Webinar Participant Q&A

On November 5 and 17, 2015, NERC hosted a webinar to present the ERO Event Analysis Process and Appendices – Version 3. The Event Analysis Subcommittee (EAS) reviewed all of the questions received during the webinar and have provided the following responses. If you have additional questions regarding Version 3 of the ERO Event Analysis Process and Appendices or the Addendum for Category 1a Events please send those to [ea@nerc.net](mailto:ea@nerc.net).

1. If the Event Analysis Process (EAP) is a voluntary process as stated by the presenter, why is item 5 included in step two of the process to identify the need for a data retention hold? Doesn't this deter the voluntary nature of process?

*No, Data Retention Holds have not deterred from the voluntary nature of the EA process but are necessary to conduct a thorough event analysis.*

2. Cat 1a Events Addendum – Bulk Electric System (BES) facility definition does not include reactive elements?

*Correct, for the purposes of categorizing events for the EAP, a facility is a BES line, BES generator or BES transformer. Therefore, shunt and series devices are not included as facilities for categorizing 1a events. Exceptions to these assumptions may be encountered. When that happens, information and participation, may be requested by the Regional Entity (RE) even though it may be a non-qualified event.*

3. If you have a tornado that took out two lines and a third line tripped due to misoperation, for a total of three outages from this event, is this a qualified reportable even under Event Analysis?

*Yes, this qualifies as a Category 1a. The initial two lines are correct, but the misoperation of the third line is contrary to design. Therefore, there are three facilities out of service contrary to design.*

4. Are you suggesting then that anything that qualifies for misoperation reporting would therefore qualify for EAP?

*No, we are merely saying that a misoperation does not preclude from reporting an event.*

5. Isn't NERC already getting Breaker Failure data through TADS?

*No, the TADS reporting data only has a cause code for "Failed AC Substation Equipment" but it does not provide details about breaker failures.*

6. One transmission line may require four breakers (two on each end) to clear the line. If each breaker counts, this would count as five and require an event analysis?

*The breakers and the line operate as a single BES Facility therefore, the count would be one.*

7. Shouldn't the EAP include a distributed generation exclusion for individual wind turbines or solar panels? Individual distributed generators are not a BES generator for the EAP, but loss of 75 MVA or more of distributed generation from a common mode is a BES generator for the EAP?

*A distributed generation facility with a common point of interconnection would be considered a single generator. For example, 50 1.5 MW wind turbines connected through a single common point to the BES would be a 75MW generator. Therefore, the EAP would exclude the individual wind turbine or solar panel.*

8. What if an event covers multiple categories two separate reports?

*A single EA Report for the highest qualifying category is all that is needed.*

9. What if an outage involves multiple entities? Do you expect reports from all entities or one main combined report?

*This should be discussed with the RE in the Planning Meeting (step 2 of the ERO Event Analysis Process). Initial Brief Reports should be submitted by each entity. The overall Event Analysis Report (if requested) may be a combined effort of the multiple entities.*