

Reliability Metrics Working Group Response

Breaker Failures

The metric should provide interesting information on the status of maintenance of breakers. TADS is perhaps a better mechanism to provide this type of information.

Breaker failures are not necessarily “unstudied states.” Furthermore, there are two kinds. 1) Some breakers initiate the fault event or expand it when electro-mechanical systems fail in the beaker. The breakers usually blow up (or apart) when this happens. 2) Some naturally occurring events have protection zones increased dramatically when the front-line breaker fails to start or finish tripping in an appropriate time. Which is intended, here?

Does the data base break out the cause of the failure, with a cause code? It is difficult to identify the area of concern.

Additional information should have been provided in the template to more clearly identify what information is required, for example as part of TADS.

RMWG Consensus: Dismissed as NERC-level metric. Refer to the TADS group to consider as part of a change order for future data collection and reporting.