

Transmission Availability Data System (TADS) Comment Questions

- **If you are a Transmission Owner, do you currently collect transmission outage data similar to TADS? (Comments Question #1)**

The information requested in the Transmission Availability Data System documentation extends beyond outage data only and is managed within various systems used to support the respective outage management, asset / work management and engineering processes. While there are many similarities in the types of information recorded, there will be some significant work required to either map terminology (i.e. fault targets, cause codes, element naming conventions etc.) or incorporate new documentation requirements (i.e. sustained outage cause, outage modes, double-circuit structure miles, etc.).

- **Is the data being requested reasonable and obtainable? (Comments Question #2)**

The data being requested does not appear to be unreasonable, and can be obtained once the work defined in question one is completed.

- **Are the metrics appropriate? (Comments Question #3)**

In reviewing the metric tables, it is unclear as to whether the total element information or the equivalent element information is being used to support the metric calculations. The formula table needs to be updated to clarify the reporting parameters.

If the metric formulas are using the equivalent element information, then there needs to be more clarification as to how an in-service element with planned outages for one-fourth of the year is statistically different than a new element placed into service for three-fourths of a year.

- **Is the data reporting process reasonable? (Comments Question #4)**

The data reporting process will require additional manual reporting efforts until the appropriate system enhancements / reporting has been completed. It should be noted that some of the required enhancements to the outage management system may be delayed if there is uncertainty as to whether further information requirements / changes may be requested following the provision of the initial report.

Limiting the reporting information to facilities greater than or equal to 230 kV, the overall reporting process does not appear to be unreasonable.

- **Is the implementation schedule for Phase I TADS for 2008 reasonable?**

The Phase I TADS for 2008 does not appear to be unreasonable.

- **Are there ambiguities in the Manual that need clarification?**

Yes. When reviewing Appendix 8 – Detailed Outage Data Examples, two of the three terminal circuit examples vary from the third example (e.g. Event ID Codes 1 & 2 versus Event ID Code #5). For event ID codes 1 & 2, all three circuit breakers would need to be returned to service before the three terminal circuit element could be considered as being “in-service” regardless of the transformer status as long as the relaying scheme for the third circuit breaker includes both transformer protection and line protection. Once the circuit breaker serving the autotransformer has been placed into service, then the autotransformer element would be considered as “in-service”.

If the relaying scheme for the circuit breaker serving the transformer on a three-ended circuit is only designed for transformer protection, then the circuit element could be returned to service with the restoration of the other two circuit breakers.

Comments were submitted by Stan Southers of Oncor Electric Delivery on August 13, 2007.