

## TADSTF Conference Call November 2, 2006 Minutes

### Participants:

Jean-Marie Gagnon  
Jim Robinson  
Brian Keel  
Jeff Mitchell  
Mike Pakeltis  
Ram Adapa  
Gary Brinkworth  
John Seelke

1. Following a welcome by Chairman Jean-Marie Gagnon and introductions, the group discussed the scope work. After some discussion, it was agreed that all data issues will remain “open” and are matters to be recommended by the TF after discussion, including such items as:
  - a. What transmission elements to include (i.e., just transmission lines or whether to include other transmission components);
  - b. What voltages to include; and
  - c. Whether to include planned and forced outages.
2. Jim Robinson suggested (and the group agreed) that the desired availability statistics (item c. under the Purpose(s) section of the scope) should be discussed in conjunction with what data should be collected (item a. in the same section).
3. Those TF members who want a complimentary copy of the EPRI report *EPRI Transmission Grid Reliability Performance Metrics, Final Report*, dated July 2006 (Project No. 104335) should send an e-mail to Ram Adapa ([radapa@epri.com](mailto:radapa@epri.com)) with their address (for overnight delivery) and phone no.
4. Jim Robinson will send John Seelke the Transmission Issues Subcommittee’s forced outage survey presentation and data (w. company names removed) for distribution to the TF.
5. John Seelke will send the TF the document by SGS Statistical Services and Blue Arc Energy entitled *Transmission Availability Guidelines and Definitions*, dated February, 2003.
6. The schedule was discussed. It is desirable for the TF to have Planning Committee (PC) approval for modifications to form EIA 411 by March 2007. The form will be open for comments in the Mar/Apr time frame and changes will be decided upon in the fall of 2007.<sup>1</sup> To that end, the following schedule was agreed to:
  - a. Initial meeting: Chicago, Nov 20-21 (1½ day) with incoming travel on Sunday, Nov. 19. A draft agenda is attached which reflect the discussion. Meeting details will be sent out next week after discussions with NERC’s meeting planner, Rocio Wong.
  - b. Presentation of the meeting results to the PC during its Dec 6-7 meeting in Houston by the Chairman.
  - c. TF conference call: Dec 20 from 11:00 a.m. through 3:00 p.m. Eastern. Future meeting dates will be set at the Chicago meeting.

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<sup>1</sup> In 2004, EIA proposed changes to Form 411 on April 2, 2004, and solicited comments which were due 60 days later (June 1).

DRAFT Agenda for TADSTF Chicago Meeting  
Nov 20-21, 2006

Monday, Nov 20th

|                 |   |                   |
|-----------------|---|-------------------|
| 8:00-8:15 a.m.  | Chairman's time   | Jean-Marie Gagnon |
| 8:15-8:30       | EIA Form 411, Schedule 7  | John Seelke       |
| 8:30-9:00       | CEA method  | TBA               |
| 9:00-9:30       | ECAR method   | Jeff Mitchell     |
| 9:30-9:45       | Break   |                   |
| 9:45-10:15      | WECC method   | Brian Keel        |
| 10:15-10:45     | EPRI report   | Mike Pakeltis     |
| 10:45-11:00     | Break   |                   |
| 11:00-11:30     | Discussion of summary table comparing methods (EIA, CEA, ECAR, WECC, EPRI)  | John Seelke       |
| 11:30-12:00     | TIS Outage Survey   | Jim Robinson      |
| 12:00-1:00 p.m. | Lunch   |                   |
| 1:00-3:00       | TF discussion on transmission availability statistics: <ul style="list-style-type: none"><li>• <u>What</u> transmission availability statistics are <i>currently</i> being developed by individual companies and how are they using them for planning <i>and</i> evaluating reliability?<ul style="list-style-type: none"><li>○ <u>What</u> data do they collect for these statistics?</li></ul></li><li>• <i>If they were available, what</i> additional transmission availability statistics would be useful for planning <i>and</i> evaluating reliability and why are would they be useful?<ul style="list-style-type: none"><li>○ <u>What</u> data is needed for these statistics?</li><li>○ <u>What</u> are the barriers to collecting it? (Cost, impractical to collect, etc.)</li></ul></li></ul> |                   |
| 3:00-3:15       | Break   |                   |
| 3:15-4:45       | TF discussion: Develop a consensus on the "must haves" statistics and why they are "must have"  |                   |
| 4:45-5:00       | Wrap-up   | Jean-Marie Gagnon |
| 5:00-6:30       | Break   |                   |
| 6:30-8:30       | Group dinner (optional)   |                   |

DRAFT Agenda for TADSTF Chicago Meeting  
Nov 20-21, 2006

Tuesday, Nov 21st

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|----------------|--|-------------------|
| 8:00-8:30 a.m. | Plan future meetings   | Jean-Marie Gagnon |
| 8:30-10:00     | TF discussion on uniform data reporting  |                   |
|                | <ul style="list-style-type: none"><li>• What components (e.g., lines, cables, transformers, etc.)?<ul style="list-style-type: none"><li>○ Should a common set of component attributes be developed?</li></ul></li><li>• What voltage levels?</li><li>• What forced outages categories (i.e., sustained, momentary)?</li><li>• What planned outage categories (if planned outages are tracked)?</li><li>• What outage cause codes?</li><li>• What outage relationships? (i.e., independent, common mode, dependent)</li><li>• Staged data implementation? (limited data now, but expanded coverage over time)</li></ul> |                   |
| 10:00-10:15    | Break  |                   |
| 10:15-11:30    | Continuation of TF discussion on uniform data reporting  |                   |
|                | <ul style="list-style-type: none"><li>• Where do we have consensus</li></ul>   |                   |
| 11:30-12:00    | Wrap-up and critique   | Jean-Marie Gagnon |
| 12:00-1:00p.m. | Lunch (optional)   |                   |