



# NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

Princeton Forrestal Village, 116-390 Village Boulevard, Princeton, New Jersey 08540-5731

## Phase III-IV Standard Drafting Team Meeting

August 16–17, 2005

### Meeting Notes

1. Introductions were made and the intent of the Anti-trust policy was reviewed. The following drafting team members attended the meeting:
  - Bob Millard, MAIN, Chair
  - Jim Detiwiler, FirstEnergy
  - Roger Green, Southern Co Services
  - Nick Henery, SMUD
  - Donal Kidney, NPCC
  - Sharma Kolluri , Entergy
  - Mark Kuras, PJM
  - Peter Mackin, TANC
  - Mahendra Patel, PJM
  - Narinder Saini, Entergy
  - Larry Smith, Alabama Power Co
  - Bob Stuart , Elequant
  - Lee Taylor, Southern Co Services
  - Kham Vongkhamchanh , Entergy
  - Maureen Long, facilitator
2. Prioritize Work: The drafting team subdivided the standards into ‘clusters’ and began work on the clusters that seemed to need the fewest additional edits prior to posting.  
**(Attachment 1)**
3. The drafting team decided to post as many standards as possible on September 1 and post the remaining standards as soon after as possible. The following documents will be posted:
  - Standards and Red Line to either 1<sup>st</sup> Draft
  - Consideration of Comments
  - Implementation Plan
  - Comment Form
4. The drafting team completed its review of the following standards and ‘consideration of comments’ documents:
  - MOD-023 through MOD-025
  - PRC-002, PRC-018
  - PRC-020 through PRC-022
  - VAR-004 (now PRC-023)

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- PRC-019
  - MOD-022
  - MOD-028
  - PRC-023
5. The drafting team reviewed the need for field-testing and the proposed effective dates as each standard was reviewed. Conforming changes will be made to the implementation plan for the first set of standards.
  6. The drafting team reviewed the draft comment form and made adjustments and identified the need for further explanations. The comment form will be finalized during a conference call before being posted on Sept 1.
  7. The drafting team selected the following dates and times for completing the next steps in getting the complete set ready to post:
    - Conference Call Thursday, August 25 from noon to 2 p.m. Eastern Daylight Time then continuing from 3–4:30 p.m. if necessary the same day
    - Meeting to complete the remaining standards, consideration of comments documents implementation plan and comment form on September 7 from 8 a.m.–5 p.m. and September 8 from 8 a.m.–5 p.m. in St Louis.
    - A meeting will be needed following the posting and the drafting team selected Nov 9, 10, and 11 in San Diego — with the first two days as full days, and the last day as a half day meeting. This is subject to change, pending the SAC’s authorization to post the first set of standards on September 1 for a 45-day period.

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Attachment 1 – Clusters**

<b>1<sup>st</sup> Posting</b>	<b>Source</b>	<b>Brief Description</b>	<b>Cluster</b>
PRC-020	III.E.M2	UVLS database	UVLS
PRC-021	III.E.M1	UVLS program	
PRC-022	III.E.M5	UVLS event	
PRC-002	I.F.M3	V0 dist requirements plus data report	Disturbance monitoring
PRC-018	I.F.M2 I.F.M4	List plus data	
PRC-003	III.C.M10	Relay procedure - V0 trans plus gen	Generator relaying
PRC-004	III.C.M11	Misop document - V0 trans plus gen	
PRC-005	III.C.M12	Testing - V0 trans plus gen	
EOP-005	IV.A.M2 IV.A.M3	V0 restoration plan plus blackstart	TOP / GO procedures
VAR-001	III.C.M1 III.C.M3 III.C.M5	TOP procedure - VO plus AVR, volt schedule, taps	
VAR-002	III.C.M2 III.C.M4 III.C.M6	Gen procedure - AVR, volt schedule, taps	
MOD-023	II.B.M1	Gen procedures	Generator equipment data verification and reporting
MOD-024	II.B.M2	Gen MW	
MOD-025	II.B.M3	Gen MVAR	
MOD-026	II.B.M4 II.B.M6	Volt reg plus excitation system	
MOD-027	II.B.M5 III.C.M9	Speed/load plus droop	
PRC-019	III.C.M8	Coordinate gen control	Generator tripping
VAR-004 NOW PRC-023	III.C.M7	Excursion	
VAR-003	I.D.M1	Reactive assessment	Single miscellaneous
MOD-016	II.D.M2	Double count	Single miscellaneous
Definitions	3	Crank, disturb, power	
PRC-023	III.A.M2	Redundancy	Delete – New SAR
MOD-022	I.F.M5	Use disturbance data	Drop – cannot be

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MOD-028	III.B.M2 III.B.M3	Trans control devices	Drop - redundant
DELETE	I.D.M2	Coordinate vars	Delete
"	II.D.M3	Consistent data	
"	II.E.M1	Dynamic load	
"	II.E.M2	"	
"	II.E.M3	"	
"	III.B.M1	Assess devises	
"	IV.B.M1	ALR	
"	IV.B.M2	"	
"	IV.B.M3	"	
"	IV.B.M4	"	