

## NERC ATCT Standards Drafting Team Meeting

Alabama Power Corporate Headquarters  
600 North 18th Street  
Birmingham, Alabama 35291

**April 11, 2007: 8 a.m.–5 p.m. (Central Time)**

**Introduction 8–9 a.m. (Central Time) (end time approximate)**

Conference call phone number **(888) 838-6631**, Confirmation ID **#5407713**  
WebEx Meeting number: 712 488 436 WebEx Meeting password: 123456  
<https://nerc.webex.com>

**April 12, 2007: 8 a.m.–5 p.m. (Central Time)**

**Wrap up 3–5 p.m. (Central Time) (start time approximate)**

Conference call phone number **(888) 838-6631**, Confirmation ID **#5411248**  
WebEx Meeting number: 715 896 297 WebEx Meeting password: 123456  
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*Please note that following the introduction we will try to have WebEx and conference calls for some of the sub-teams as described below.*

### Agenda

#### 1) Administration

- a) Welcome and Introductions — Larry Middleton  
Chairman Middleton will lead the welcome of the ATCT drafting team members and guests. NERC ATCT Drafting Team Roster (**Attachment 1a**)
- b) Antitrust Compliance Guidelines — Bill Lohrman (**Attachment 1b**)  
Bill Lohrman will review the NERC Antitrust Compliance Guidelines provided in Attachment 1b. It is NERC's policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition. It is the responsibility of every NERC participant and employee who may in any way affect NERC's compliance with the antitrust laws to carry out this commitment.
- c) Review of Agenda — Larry Middleton  
Chairman Middleton will review the objectives of the meeting. The drafting team will then divide into sub-teams (facilitators listed below) to work on:
  1. MOD-001: Reviewing comments and evaluation of related changes – Bill Lohrman

**ATCT Drafting Team**  
**Agenda: April 11–12, 2007**

2. CBM: initial drafting of requirements, measures, and compliance elements – David Taylor
3. TTC/TFC/FAC-12/FAC13: Initial drafting of requirements, measures, and compliance elements – Maureen Long
4. ETC: Initial drafting of requirements, measures, and compliance elements – Shannon Black
5. TRM: As time permits, MOD-008 will be revised in light of the changes directed in FERC Order 693.
6. Reference documents contained in ZIP file
  - o Order 890
  - o Order 890 NERC action items
  - o Order 693
  - o Order 693 NERC action items
  - o MOD-001-1 draft standard
  - o MOD comments
  - o MOD replies to comments
  - o ETC straw dog
  - o CBM straw dog
  - o Word versions of CBM
  - o TTC items from MOD-001
  - o Word version of FAC-12 and FAC-13
  - o MOD-008-1 draft TRM standard
  - o MOD-008-1 draft TRM comment form
  - o ATCT drafting team action plan
  - o A few other reference docs from LTATF Task Force

**2) MOD-001-1**

- a) The drafting team will review the replies to comments for MOD-001-1 and evaluate related changes if needed – B. Lohrman  
(1) *Sub-team Larry Middleton, Laura Lee, Matt Schull, Abbey Nulph, Cheryl Mendrala*

**AFC/ATC/MOD-001 Sub-team Meeting Day 1**

Conference call phone number **(888) 838-6631**, Confirmation ID **#5407713**  
WebEx Meeting number: **712 488 436** WebEx Meeting password: **123456**  
<https://nerc.webex.com>

**AFC/ATC/MOD-001 Sub-team Meeting Day 2**

Conference call phone number **(888) 838-6631**, Confirmation ID **#5411248**  
Webex Meeting number: **715 896 297** Webex Meeting password: **123456**  
<https://nerc.webex.com>

**3) CBM**

- a) David Taylor, NERC Manager of Regional Standards, will lead the drafting team in developing proposed changes to the CBM standards. The team will develop criteria for revising the standards with respect to the requirements of Order 890 and 693.  
(1) *Sub-team Ray Kershaw, Kiko Barredo, Jerry Smith, DuShaune Carter, Daryn Barker*

**CBM Sub-team Meeting Day 1**

Conference call phone number **(888) 838-6631**, Confirmation ID **#5410017**  
WebEx Meeting number: **713 454 264** WebEx Meeting password: **041107**  
<https://nerc.webex.com>

**CBM Sub-team Meeting Day 2**

Conference call phone number **(888) 838-6631**, Confirmation ID **#5410525**  
WebEx Meeting number: **716 978 756** WebEx Meeting password: **cbm041207**  
<https://nerc.webex.com>

- b) CBM Straw man requirements and their assignments from prior meetings:
- (a) Emergency actions – Kiko Barredo
  - (b) Double counting – Ray Kershaw/Chuck Falls/Ross
  - (c) Minority paper issues – Dennis Kimm
  - (d) Source/Sink requirements – Barbara Rehman
  - (e) Calculation methods – Nate Schweighart/Ray Kershaw
    - (i) Justification
  - (f) Reciprocal agreements/Reserve sharing – Jerry Smith
  - (g) Replacement reserves (after operating reserves are used) – DuShaune
  - (h) Import of ancillary services – Jerry
  - (i) Generation outages – Kiko Barredo
  - (j) Uncommitted Generation components to be included – Nate/Kiko
  - (k) Relationship to Resource Adequacy SAR/Standard – Bill/Ron
  - (l) Review issues from NERC CBM SAR – Barbara Rehman
  - (m) Update on the NAESB CBM activities – which portions should be business practices and which should be reliability standards – Narinder Saini
    - (i) NAESB is looking at how CBM could be used under what circumstances
  - (n) Review of issues from NERC CBM whitepaper – Chuck Falls looking for unmet requirements
    - 1. Review of definition**
  - (o) Documentation/transparency issues – Daryn Barker/Ray Kershaw
    - (i) Include any aspects that might be handled by NAESB
  - (p) Cataloging of various uses and interpretations of CBM – drafting team
    - (i) How does it related to LOLP for emergency uses
    - (ii) How should they be differentiated?
    - (iii) How would CBM be used in an explicit reservation?
    - (iv) Should CBM that is being utilized be deducted from CBM as it is deducted from ATC – or should the LOLP be recalculated? How do you avoid double counting?
  - (q) How and if it would be made a requirement? – Ray Kershaw
    - (i) Re FERC Order 890 para 261
    - (ii) Re FERC Order 980 para 262
    - (iii) Would it be Source to Sink or partial path?
    - (iv) How it might impact systems that use CBM for resource adequacy?

**ATCT Drafting Team**  
**Agenda: April 11–12, 2007**

- (r) Whether there should be a reciprocal agreement for the use of CBM. – drafting team will work with NAESB - should it be acknowledged that the entity on the other side of a CBM flowgate will make the transfer capability available.
- (s) Should CBM be based on required or recommended planning reserve? – this is reliability portion – Allan Silk and Ray Kershaw
- (t) Whether entities should plan their systems for the amount of CBM being reserved – should it be included in internal networks – How should CBM be made consistent with applicable planning criteria? – DuShaune

**4) TTC/TFC FAC 12/FAC 13**

**TTC/TFC/FAC-12/FAC-13 Sub-team Meeting Day 1**

Conference call phone number **(888) 838-6631**, Confirmation ID **#5409189**  
WebEx Meeting number: **711 836 413** WebEx Meeting password: **TTC**  
<https://nerc.webex.com>

**TTC/TFC/FAC-12/FAC-13 Sub-team Meeting Day 2**

Conference call phone number **(888) 838-6631**, Confirmation ID **#5410884**  
WebEx Meeting number: **711 507 243** WebEx Meeting password: **TTC**  
<https://nerc.webex.com>

- a) Maureen Long will lead the sub-team in a review of the changes necessary to begin work on the FAC-12 and FAC-13 standards.
  - (1) *Sub-team Chuck Falls, Nick Henery, Ron Carlsen, Allan Silk*
- b) TTC Straw man requirements and their assignments from prior meetings:
  - i) Documentation/transparency issues
    - (a) Matt Shull
  - ii) List of TTC and TFC items removed from MOD-001-1
    - (a) Bill Lohrman (items from Sept. onward)
    - (b) Others as available
  - iii) Review of similarities/differences between Transfer Capability (TC) and Total Transfer Capability (TTC)
    - (a) Nate/Laura
  - iv) Allocation of TTC based on ownership – needed from a transparency perspective – Narinder/Nate
  - v) Relationship between FAC 12/13 and other FAC standards (e.g., FAC 8&9)
    - (a) Narinder Saini
    - (b) Barbara Rehman
  - vi) Applicability
    - (a) Nick Henery
  - vii) Review of requirements for TTC and TFC
    - (a) Laura Lee
    - (b) Kiko Barredo
    - (c) Nate Schweighart

**ETC Requirements**

- c) Shannon Black will lead the sub-team in developing proposed requirements for Existing Transmission Commitments requirements with respect to the requirements of Order 890 and 693.
  - (1) *Sub-team Shannon Black, Narinder Saini, Don Williams, Ross Kovacs*
- d) ETC Straw man requirements and their assignments from prior meetings:
  - (1) Straw man bullet items
    - (i) For Network Response and Rated System Path
    - (ii) Look at WECC ATC document
  - (b) Treatment of firm and non-firm – DuShaune and Kiko
    - 1.** Reservations that go unscheduled should be offered for sale on a non-firm basis Order 890 para 389 – need to set a window
  - (c) Treatment of ASTFC in east – Larry/Ray/Don
  - (d) Documentation/transparency issues – Matt/Larry
  - (e) Pending transmission commitments/Good Faith Requests – Ray
  - (f) Roll-over rights – Ron/Don
  - (g) Counterflows – Nate/Don
  - (h) Network Native Loads – Shannon
    - (i) Future load growth
  - (i) Grandfathered commitments – Existing transmission contracts (Firm Transmission Reservations for Energy Transactions) – Jerry/Shannon/Nick
  - (j) Interruptible demands/how included in load forecast – Kiko
  - (k) Ancillary services – Jerry
  - (l) Reserving transfer capability over multiple paths to secure capacity for a future undefined resource or purchase – Nate
  - (m) Impact of parallel flow from 3<sup>rd</sup> party transactions/both allocated and undesignated – Ray
  - (n) Information to be provided: The following lists the types of assumptions and data that could be used in support of the determination of Committed Uses. Transmission Providers should make available the information used in their calculation of ATC values.
    - (i) Data Exchange among which entities, what data, what frequency – Narinder/Larry
    - (ii) Some items might be better handled in the FAC 12/13 – will determine later
    - (iii) Far-Term Environment (>1 year)
      - 1.** Load forecast
      - 2.** Load forecast error (range)
      - 3.** Standard for serving load
      - 4.** Breakdown of use by path
      - 5.** Breakdown of use by Time of Use period
      - 6.** Hydro and temperature forecasts
      - 7.** DSM, interruptible load assumptions
      - 8.** Redundancy of reserved paths
      - 9.** Resource outage standards (G-1? G-2?)
      - 10.** Resource assumptions (high/low hydro...)
      - 11.** Forecasted outages
      - 12.** Unit deratings

13. Resource dispatch assumptions
14. Purchases or sales to external parties
15. Wheeling contracts, including listings of Points of Receipt, Points of Delivery and associated transmission demands at each point.

(iv) Near-Term Environment (<1 month)

1. Standard for probability of serving load
2. Load forecasts (range of temperatures, hydro forecast, etc.)
3. Resource outage standards (G-1? G-2?)
4. Forecasts of generation
5. Short-term wheeling arrangements, including listings of Points of Receipt,
6. Points of Delivery and associated transmission demands at each point.
7. Purchases and sales with external parties.

**5) TRM**

- a) As time permits, Chairman Middleton will lead a sub-team in a review of the changes needed to be made to MOD-008 from the last drafting team meeting with respect to the requirements of Order 693.
  1. Resolving the requirement(s) for a “maximum” TRM.
  2. Developing the requirement(s) for planning authorities and reliability coordinators related to evaluation of the accuracy of the total TRM value(s).

**6) Review of meeting schedules – L. Middleton/K. York**

The drafting team will review and modify, as necessary, the schedule developed at the last drafting team meeting.

- a) April 23, 2007 — 10:00 am – 5:00 pm — Joint review of MOD-001 comments at NAESB in Houston
  - (1) may need breakout rooms
- b) April 24–25, 2007 — 9:00 am – 5:00 pm — NERC (Central Time) NAESB offices Houston
  - (1) may need breakout rooms
- c) May 3<sup>rd</sup> — Joint Conference with NERC NAESB (NAESB to confirm)
- d) May 15–17, 2007 — Atlanta (Georgia Transmission Corporation) 8 a.m.–5 p.m. all three days
  - (1) may need breakout rooms
- e) June 12–13 — Vancouver/San Francisco — 8 a.m.–5 p.m. both days
  - (1) may need breakout rooms
- f) July 16<sup>th</sup> — noon–5 p.m., July 17–19 — 8 a.m.–5 p.m. all days — Vancouver/San Francisco/Portland/Sacramento
  - (1) may need breakout rooms
- g) August 27<sup>th</sup> — noon–5 p.m. — August 28-30 — 8 a.m.–5 p.m. — Denver, Salt Lake
  - (1) may need breakout rooms
- h) September 18–20 — Washington Baltimore
  - (1) may need breakout rooms
- i) Other WebEx calls as needed in between face-to-face meetings