



**Regional Reliability Standards Working Group
May 18–19, 2006
FRCC Offices in Tampa, FL
Meeting Notes**

- NPCC
 - Criteria are standards; have regional criteria approved by members
 - No financial sanctions for the criteria
 - Have a process; not an ANSI process; but works for NPCC
 - Have document outlining criteria
 - Have matrix mapping regional criteria to NERC requirements
 - Approximate 150 pages; procedures are separate
 - Vote of members
- SERC
 - Don't have procedure meeting ERO requirements; look to have through SERC board by Sept 1
 - SERC supplements — supplement NERC standards
 - Developed by standing committees in SERC
 - Not board approved
 - Supplements mix requirements, criteria, guidelines, procedure
 - Under 200 pages
 - Vote by committee but every member can be on the standing committees
- WECC
 - Have procedure; working on few refinements
 - Have minimum operating and planning standards in WECC
 - Rest are policies and procedures and other documents
 - Operating committee handbook and planning committee handbook are the main ones
 - There are another 8-9 relevant documents used to meet the NERC standards
 - Documents outside of the minimum standards are not currently written in the form of standards and may be ambiguous
 - Many of these documents have been around a while; not designed as a standards and may require work to become a standard
 - Will take quite a bit of time to get into the form of standards
 - RMS is separate but will be folded in: 14–15 standards included
 - RMS has set applicability criteria for those standards
 - Vote by standing committees (three); but membership in WECC is open
- FRCC
 - Board approved a standards development process; believe it will meet ERO requirements
 - Have requirements, criteria, policies, procedures; none has gone through the process
 - Plan is to put all fill-in-the-blank requirements through their process as quick as possible

- Style the FRCC standards to be similar format, numbering as the NERC standards
- Existing documents developed historically through FRCC OC and PC
- Approximately 300 pages for totality of document
- Vote by standing committees then to board
- SPP
 - Similar to NPCC and FRCC
 - Have a criteria document; 15 criteria
 - Developed through SPP working groups
 - Approved by MOPC; stakeholder group
 - Criteria look like they mostly line up with the fill-in-the-blank standards; criteria can transition to standards
 - Approximately 150 pages plus 70 pages of appendices/table
 - Working group meetings open
 - Vote by committee and by board
- MRO
 - Board approved standards process believe meets ERO requirements; not ANSI certified
 - Board adopted all V0 standards and turned into org standards to be able to enforce until ERO in operation
 - Software to manage standards development and vote
 - Have 1 regional standard going to board in July; one in comment phase
 - Have MAIN, MAPP planning and operating guides
 - Will retire all existing MAIN/MAPP planning and operating guides by end of year; by end of year will have the V0 and 5 new standards
 - Have 700 pages of documents; going through to verify if needed and current; targeted to be completed by end of year
 - Five new standards are 10 pages
 - Vote by open ballot body with stakeholders
- RFC
 - Clone of MRO
 - Process manual copied from MRO and NERC
 - Have board approved standards procedure
 - Follows NERC; abbreviated postings
 - Voted on by membership; every member has a vote
 - Board approves the standards after membership shows consent
 - Six standards approved for December 2005
 - March 2006 a planning reserve requirement added
 - Have five drafting teams to work on various standards
 - Could be approx 19 RFC standards to meet NERC requirements
 - Work required to merge the three regions
 - Approx 300 pages of legacy documents
 - Same format for standards as NERC
 - Vote by all members of RFC
- ERCOT
 - Legacy planning and operating criteria
 - State law to deregulate generation and retail
 - New set of rules (protocols) – market and reliability
 - Open process for anyone in ERCOT
 - State commission must approve the protocols

- Two-year development and approval of the protocols
- Voting by sector; whoever showed up; weighted by sector
- Open and public process
- If you follow the process; it is automatically approved by Commission
- Protocols are standards; mix of market and reliability
- May be a small number of NERC requirements not covered
- But one protocol requires following all NERC standards
- Also a set of operating guides; part of standards
- Committees can comment but voting is open by sector
- 300 – 500 pages for guides and protocols

BAL-002 Contingency Reserve requirement

- Regions set regional criteria for contingency reserve; set at subregional level for SERC
- Yes – this is a fill-in-the-blank standard.
- Today set based on experience of what works; exact amounts can be arbitrary
- Location of resources and allocation are certainly unique to the individual region/system
- ERCOT – withstand two contingencies and avoid UFLS, except for largest two units
- Reserve requirement set to enable BA to meet DCS and to avoid UFLS
- Should remain as a regional standard; NERC standard needs to be revised to clarify and expand requirements for regional standard; remove reserve sharing group from standard
- NERC standard should address basis for determining regional criteria: to meet DCS and avoid UFLS; timing for deployment of reserves, etc. Region would set the actual criteria
- May have to implement what regions have today as first step while determining what the expanded NERC criteria should be
- Need to negotiate what the NERC criteria (factors) are that have to be considered in the regional standard (level of detail yet to be determined).
- Yes it is fill-in-the-blank; no it should not be a uniform NA requirements; yes we should recommend a SAR to review and upgrade the NERC standard; in the interim we should get the regions to file their existing criteria as standards for ERO/FERC approval (time TBD).

Project Planning:

- Analysis/review
- Identify/categorize work to be done (@NERC and regions)
- Prioritize and set schedule
- Develop final report

- Finish the review of standards in Attachment 5
- Identify categories and where they will be in the end
- Identify priorities
- Do work offline on each standard
- Categories: cannot do standard quickly, but have region file what they have quickly; simple revisions that can be done quickly; needs major work on NERC standard.
- Categorize by: region, NERC, or both and by quick ($\leq 7/1/07$) and long term ($> 7/1/07$)
- Each region has to get process approved (at region and at NERC)
- Dave Taylor will draft procedure for approval of regional procedure and standards

- Develop a template for regional standards to ensure consistent formats; looks like NERC standard
- Our report needs to include a justification for the regional difference
- Narrow the list to those that we require a regional fill-in-the-blank
- Offline review:
 - Is this a fill-the-blank requirement/standard? Link/map the standard that requires the region to do something to the standard that requires the entity to follow the regional criteria.
 - Does the NERC standard need to be revised (explain revisions required); quick or long-term project to make revision? Should NERC standard be deleted or replaced? Is there a replacement standard already in progress?
 - Is a regional standard necessary to complement the NERC standard (why; what elements should the regional standard include); include justification why regional differences are needed and cannot be effectively done at the North American level. Is this a quick or long-term project?
 - Are regional measures needed (the measures could be provided by the NERC standard).

May 25: NERC staff distribute matrix with questions to the regional representatives.

June 19: regional reps submit responses to questions on assigned standards in Attachment 5 and list of documents that meet regional requirements in Attachment 5

June 5: NERC staff to send out any supplemental list of fill-in-the blank standards

June 23: NERC staff distributes consolidated/cleaned up list from all regions

Meeting July 6 (8-5) and July 7 (8 to noon)

Meeting after in Salt Lake City