



# NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

## Functional Model Working Group Meeting

January 30–February 1, 2006  
Orlando, Florida

### Minutes

#### Administrative

A regular meeting of the NERC Functional Model Working Group (FMWG) was held on January 30–31, 2006, in Orlando, Florida. The meeting notice, agenda, and attendance list are affixed as **Exhibits A, B, and C**, respectively.

Chairman Jim Cyrulewski presided.

Bill Blevins reviewed the NERC antitrust guidelines. No previous minutes were approved, because the last two meetings were editing sessions only.

Mr. Cyrulewski led introductions and reviewed the agenda. Several of the normal attendees were not present so it was agreed to focus on the Planning Function, Regional Reliability Assurance changes and edits to the Functional Model document. Scott Moore chaired the meeting in Mr. Cyrulewski's absence on January 31.

#### Princeton Officers Meeting with NERC Staff

Stan Kopman asked about the Electric Reliability Organization application with regard to the Functional Model. Specifically, what does the FMWG need to do to align the Functional Model with the ERO application? Several members reported that they had conflicting direction from NERC staff regarding the Functional Model. The chairman requested NERC set up a meeting in Princeton to discuss the future role of the Functional Model. This meeting is to include NERC Operations, Compliance and Standards senior staff.

The FMWG identified some general questions that need answers, including:

- Will the entities register to the Functional Model or to the standards?
- Will those entities be evaluated and assessed on the task or responsibilities in the Functional Model?

- What is the role of the Functional Model in the new ERO?

Action:

Bill Blevins will work with NERC staff to set up a meeting for the FMWG and NERC Operations, Compliance, and Standards senior staff to discuss these questions and solicit guidance.

### **Reliability Authority**

The group discussed the Reliability Authority Responsible Entity and the need to resolve the conflict between the model and the reliability standards. Three options were developed and the entire FMWG membership will be surveyed on the options. The draft options follow:

**Option 1** Change the responsible entity from the reliability authority term to reliability coordinator in the Functional Model to align with current standards. Educate the industry on the term used in the Functional Model and the reliability standards and how they work together.

**Option 2** Change the responsible entity in the reliability standards from reliability coordinator to reliability authority so that it aligns with the reliability authority term in the Functional Model through a standard authorization request (SAR). Educate the industry on the term used in the Functional Model and the reliability standards and how they work together.

**Options 3** Make no changes to the responsible entity references in the reliability standards or the Functional Model. Educate the industry on the terms used in both places and how they should be interpreted and used.

*Note: the suggestion by the FMRSCF to create a new name and change the model and standard to use the new term "Interconnection Reliability Authority" was not discussed.*

Action:

NERC staff will send out a survey on these options. The FMWG will then respond with the pros and cons to these options. A conference call will be held to determine the consensus and suggest the best option to resolve this issue.

### **Regional Reliability Plan**

Editing of the guide was not done at the meeting as planned. Instead, the members determined that the regional reliability plans guide needed to be updated to match version three of the Functional Model. Linda Campbell's Regional Reliability Plans Guide Task Force will need a conference call to work on updates to the guide prior to the next FMWG meeting.

Action:

NERC staff will set up a call with Linda Campbell to discuss revising the regional reliability plans guide.

### **Regional Reliability Assurance Function**

Stan Kopman presented a proposal for the Regional Reliability Assurance Function. His feeling is that the regional reliability organization entity is much more than a compliance monitor. Mr. Kopman's modifications to the model specified the tasks for this type of organization. Mr. Kopman stated the "Regional Entity" term is responsible to the ERO for compliance and

delegated activities from the ERO. This could be a separate organization from the RRO. Albert Dicaprio asked if this was an entity or a function. Mr. Kopman stated that Regional Reliability Assurance is the function and the RRO is the entity that performs the task in the standards. The group questioned if these tasks should be included in existing functions? The reliability coordination by the region is the key function supported by Mike Yealland that is separate. What do we do with the region entity that is mentioned in the reliability standards? The group discussed this and does see it as a back fit for the entity that performs functions listed in standards.

Jim Cyrulewski stated the intent of the model in its inception was to breakdown the control area functions being done at the time the model was developed. It ignored the processes done by others. This addition is the next step in defining functions performed by the other entities that perform actions listed in the standards. Tony Jankowski stated that the RRO is mentioned approximately 200 times in the Version 0 standards and is also monitoring the compliance of entities. Mr. Dicaprio expressed concern that there will be multiple entities responsible for the same task.

Kevin Conway agrees with Mr. Dicaprio that the group may be changing the model to incorporate an entity. The group agreed that Mr. Kopman will develop the **Reliability Assurance Function** and a task list from the proposed regional reliability assurance function. He will remove the tasks that should be moved to the compliance monitor and standards developer. The group feels the regional reliability assurance, compliance monitor and standards developer are separate functions and the responsible entity under regional reliability assurance function will be the RRO.

### **Planning Authority**

Stan Kopman reviewed the suggested changes to the planning authority. The group working on these changes reoriented the tasks to align with the entity relationships. The result was a function that is more consistent with a “coordinator” rather than an “authority.” The name will be changed to planning coordinator based on these tasks and relationships.

Action:

NERC staff will determine how the name change will be made in the reliability standards and how this can be coordinated with the ERO certification and registration currently underway.

### **Delegation Principles**

This item was not covered at the meeting and was postponed until the next meeting.

### **Functional Model Technical Document**

This item was not covered at the meeting and was postponed until the next meeting. Mike Yelland provided NERC staff with individual marked up edits to the Functional Model Technical Document.

Action:

NERC staff will include Mike Yelland's edits to the technical document to correct inconsistencies and will provide the document at the next meeting.

### **Working Group Action Plan**

This item was not covered at the meeting and was postponed until the next meeting.

## **Future Meetings**

Kevin Conway asked that NERC staff check to see if there will be a conference bridge for the next meeting. The date will be set after the FMWG Officers meeting. If on the next conference call there is agreement to post the Functional Model, there will be a 45 day comment period, and then the next meeting will be scheduled to go over the comments.

## **General Agreements and Assignments**

During the meeting the following assignments were made:

1. NERC will set up a FMWG Officer meeting with staff.
2. NERC staff will incorporate Stan Kopman's regional reliability assurance, compliance monitor and standards developer function edits and distribute for review.
3. NERC staff will send out a pros and cons request to the FMWG for their input on options 1, 2 and 3 for the reliability authority entity. NERC staff will provide an introduction to this list for the members not present.
4. NERC staff will set up a conference call to discuss the pros and cons associated with the options for reliability authority entity. The call will also discuss reviewing model changes and posting the document for comment.
5. NERC staff will have Linda Campbell's group look at the responses for the delegation and the RRE regional responses for the next face-to-face meeting. This will occur after the Princeton FMWG Officers meeting, but before the next FMWG face-to-face meeting.
6. NERC staff will update the three documents (Version 3 Functional Model, Technical Document and the Regional Reliability Plan Guideline) so the three are consistent.
7. Set the next FMWG meeting.

There being no further discussion, the Functional Model Working Group meeting was adjourned.

*Bill Blevins*

William D. Blevins  
Secretary

**From:** Sandy Cominski  
**Sent:** Friday, January 06, 2006 4:22 PM  
**To:** 'fmwg@nerc.com'  
**Subject:** Functional Model Working Group -- January 30-February 1, 2006 Meeting Announcement  
**TO: Functional Model Working Group**

Ladies and Gentlemen:

I have listed the January 30–February 1, 2006 Functional Model Working Group Drafting Team meeting logistics and registration link in the table below. The meeting will be held at the Doubletree Guest Suites Walt Disney World , 2305 Hotel Plaza Boulevard, Lake Buena Vista , FL, 32830 (Phone: 407-934-1000, Fax: 407-934-1015)

Please click on the “details” link in the table to access the hotel information and click on the “registration” ink to register for the meetings.

**EVERYONE must register online by clicking below or at the following Web site:** <http://www.nerc.net/meetings/>

<i>Date &amp; Time</i>	<i>Group</i>	<i>Staff</i>	<i>City</i>
<i>1/30/2006: 1:00 PM - 5:00 PM</i>			
<i>1/31/2006: 8:00 AM - 5:00 PM</i>	<i>FMWG</i>	<i>Don Benjamin</i>	<i>Lake Buena Vista</i>
<i>2/1/2006: 8:00 AM - 12:00 PM</i>			

Meeting logistics:

- Room rate: \$149 single/double occupancy
- Room block: Nights of January 30-31, 2006
- Check-in: 3 p.m., Check-out: 11:00 am
- Hotel cut off date: January 17, 2006
- NOTE: After the cut off date the hotel will release this block of rooms and only accept reservations on a space-available basis at the prevailing room rate.
- Orlando International Airport (MCO): Approximate driving time is 25 minutes and distance is 17 miles.
- Shuttle service is available at baggage area (\$15-\$25 one way), Taxis are \$35-\$50
- Dress code: Business casual

When making your hotel reservation, please be sure to mention the "NERC/North American Electric Reliability Council" meeting to get the preferred rate and to ensure your reservation is credited to the NERC room block. The hotel may charge NERC a penalty if the total rooms blocked for this event are not picked up. Also, if you use a travel agency for your travel plans, please make sure the agency mentions NERC.

Please let me know if you have any questions regarding the registration process.

Sincerely,

*Rocio Wong (mailto:rocio.wong@nerc.net)*  
*Meeting Coordinator*  
*North American Electric Reliability Council (NERC)*  
*116-390 Village Blvd.*  
*Princeton, NJ 08540*  
*Phone: 609-452-8060*  
*Fax: 609-452-9550*



# NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

## Functional Model Working Group Meeting

January 30, 2006 — 1–5 p.m.  
January 31, 2006 — 8 a.m.–5 p.m.  
February 1, 2006 — 8 a.m.–noon

Doubletree Guest Suites Walt Disney World  
2305 Hotel Plaza Boulevard  
Lake Buena Vista, Florida 32830  
☎ 407-934-1000

## Agenda

1. **Administration** — Secretary
  - a. Introductions
  - b. Meeting procedures
  - c. Antitrust Compliance Guidelines
  - d. Minutes of previous meetings
2. **Regional Reliability Plan Guideline**
3. **Delegation Principles**
4. **Proposed Regional Reliability Organization Function**
5. **Functional Model — Version 3**
6. **Technical Document**
7. **Working Group Action Plan**
8. **Next Meeting**
9. **Adjourn**

A New Jersey Nonprofit Corporation

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**Functional Model Working Group  
Meeting Attendance  
January 30–February 1, 2006  
Orlando, Florida**

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<b>FMWG Members</b>	
<b>Chairman (ITC)</b>	<b>Jim Cyrulewski</b>
WECC/GCPD	Kevin Conway
PJM	Albert DiCaprio
We Energies	Tony Jankowski
NPCC	Stanley Kopman
Ben Li Associates	Ben Li
RFC	Bob Millard
AEP	Scott Moore
ERCOT	Steve Myers
PJM	Joe Willson
TVA	Dennis Chastain
NERC	Bill Blevins