

# NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

## Functional Model Working Group Meeting

May 16–17, 2005  
Denver, Colorado

### Minutes

A regular meeting of the NERC Functional Model Working Group was held on May 16–17, 2005 in Denver, Colorado. The meeting notice, agenda, and attendance list are affixed as **Exhibits A, B, and C**, respectively.

Functional Model Working Group Chairman Jim Cyrulewski presided.

Don Benjamin reviewed the NERC antitrust guidelines.

Chairman Cyrulewski reviewed the highlights from the previous working group meeting and explained that:

1. The working group agreed that implementing the Functional Model was a goal,
2. The drafting teams are looking to the model for direction in their work,
3. Some tasks may need to move from one function to another, and
4. The need for an implementation plan.

The discussion that followed covered the following points:

- The Interchange Authority Implementation Task Force recommendations and how to incorporate them into the model.
- The importance of the implementation plan.
- Whether the model should only consider reliability aspects.
- How to engage the industry into the review of the model.
- That the model should not require changes in corporate structures.

A New Jersey Nonprofit Corporation

Phone 609-452-8060 ■ Fax 609-452-9550 ■ URL [www.nerc.com](http://www.nerc.com)

- Whether NERC will certify Load-Serving Entities, Generator Operators, and other responsible entities in the future.
- The relationship between the Reliability Authority and Transmission Operator tasks.
- The role of the Interchange Authority.
- Changes to the Planning Authority.

The working group then discussed the purpose of the Functional Model and whether the model should be used as a basis for organization certification and readiness audits.

### **Regional Reliability Plan**

Linda Campbell reviewed the draft Regional Reliability Plan. The group drafting this plan reviewed the Functional Model Technical Document, the Functional Model-Reliability Standards Coordination Task Force recommendations, and the outcome of the working group's April 7–8, 2005 meeting.

Ms. Campbell explained that the next steps were Operating Committee review and then posting for comments.

### **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.”

### **Interchange Authority**

Roman Carter discussed the recommendations of the Interchange Authority Implementation Task Force.

### **General Agreements and Assignments**

During and following these discussions, the working group agreed to the following:

1. Add an “application” section to certain responsible entities that need this additional explanation.
  - a. Keep the concept of the “wide area” view with the Reliability Authority.
  - b. Examine the “authority” of the Reliability Authority versus the Transmission Operator.
  - c. Add explanation of “delegation” concepts (Steve McCoy will draft this)
    - i. Can only delegate tasks, not responsibilities.
    - ii. Need a consistent theme on delegation
  - d. Add discussion of boundary conditions to the model.
    - i. May reference the Regional Reliability Plans

2. The Planning Authority (Coordinator) will include references to the Regional Reliability Organizations (Stan Kopman will prepare an explanation, and he and Bob Millard will draft these concepts for the technical document).
3. Reference the Interchange Authority Implementation Task Force recommendations and explain the relationship between the Interchange Authority and the Tag Authority.
4. Review relationship between Reliability Authority and Transmission Operator.
  - a. Ensure that the model explains the “wide area” versus “local” authority, respectively, of these functions.
  - b. Address responsibilities of multiple entities having responsibilities and authorities within a common area (e.g., Transmission Operators).
5. Prepare list of certification issues for the Compliance and Certification Committee to consider:
  - a. Using the standards versus the model for certification requirements.
6. Continue working on the Regional Reliability Plan guidelines.
7. Use original Functional Model defined terms.
8. Prepare a document that relates the four “enabling documents”:
  - a. Reliability Standards
  - b. Certification Requirements
  - c. Regional Reliability Plans
  - d. Functional Model
9. Revisit the merits of the Technical Document

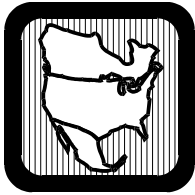
### **Other discussions**

The working group then reviewed the issues it planned to bring to the Operating Committee in June.

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



Donald M. Benjamin  
Secretary



## Exhibit A

# NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

## Functional Model Working Group

Monday, May 16, 2005 — 1 to 5 p.m.  
Tuesday, May 17, 2005 — 8 a.m. to 5 p.m.

## Meeting Logistics and Registration Form

<b>Hotel</b>	Doubletree Hotel Denver 3203 Québec Street Denver, Colorado 80207
<b>Phone and fax</b>	Phone: 303-321-3333 ♦ Fax: 303-329-5281
<b>Room rate</b>	\$89 single/double occupancy.
<b>Room block</b>	Night of <b>May 16, 2005</b>
<b>Reservation cut-off date</b>	<b>May 6, 2005</b> (NOTE: After this date, the hotel will release this block of rooms and only accept reservations on a space-available basis.)
<b>Check-in and check-out times</b>	Check-in: 3 p.m. Check-out: noon
<b>Transportation</b>	The Doubletree Hotel Denver is located 20 minutes from the Denver International Airport and six minutes from downtown. Complimentary transportation is available at baggage claim to and from the Denver International Airport from 4:30–12:30 a.m. Taxis cost approximately \$25–30. For those driving, the hotel offers complimentary parking.
	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. <b>NERC may be charged a penalty if the total rooms blocked for this event are not picked up.</b> Also, if you use a travel agency for your travel plans, please make sure the agency mentions NERC.
<b>Attire</b>	Business casual.

**Please type or print.**

<b>Name:</b>	
<b>Title:</b>	
<b>Company:</b>	
<b>Telephone:</b>	
<b>Email:</b>	
<b>Attending:</b> <input type="checkbox"/>	<b>Not Attending:</b> <input type="checkbox"/>

A New Jersey Nonprofit Corporation

Phone 609-452-8060 ■ Fax 609-452-9550 ■ URL [www.nerc.com](http://www.nerc.com)



## Exhibit B

# NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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

## Functional Model Working Group Meeting

May 16, 2005 — 1–5 p.m.  
May 17, 2005 — 8 a.m.–5 p.m.

Doubletree Hotel Denver  
3203 Québec Street  
Denver, Colorado 80207  
Phone: 303-321-3333 ■ Fax: 303-329-5281

## Agenda

1. **Arrangements**
  - a. Antitrust Guidelines
  - b. Minutes of April 7–8, 2005
2. **Functional Model**
  - a. Interconnected Reliability Authority
  - b. Transmission Operator
  - c. Interchange Coordinator — Roman Carter
  - d. Planning Authority — Mike Raezer
3. **“Map” of Functional Model to Reliability Standards**
4. **Technical Document** — Mike Yealland
5. **Regional Reliability Process Plan** — Linda Campbell
6. **Compliance Recommendations** — Don Benjamin
7. **Report to the Operating Committee**
8. **To Do List**
9. **Next Meeting**

A New Jersey Nonprofit Corporation

Phone 609-452-8060 ■ Fax 609-452-9550 ■ URL [www.nerc.com](http://www.nerc.com)

**FMWG Meeting  
Attendance List  
May 16–17, 2005**

---

Jim Cyrulewski

Don Benjamin

Linda Campbell

Roman Carter

Al DiCaprio

Mark Fidrych

Jim Hartwell

Scott Henry

Tony Jankowski

Stan Kopman

Bob Millard

Scott Moore

Steve McCoy

Steve Myers

John Norden

Joe Willson

Mike Yealland

Charles Yeung