

Designated Entity Design Standards Task Force
PJM Conference and Training Center
November 12, 2015
1:00 p.m. – 4:00 p.m. EST

Administration

1. Mr. Michael Herman, PJM opened the meeting and reviewed the agenda. Ms. Anisha Fernandes, PJM performed the roll call.
2. Ms. Fernandes reviewed the meeting minutes of the October 12, 2015 DEDSTF meeting. Mr. Lenhart made a motion to approve the minutes. Mr. Hinson seconded the motion. The minutes were approved and will be posted to the existing 10/12/15 meeting materials.

Task Force Charter

3. Mr. Herman reviewed the draft Charter for the DEDSTF and requested approval of the Charter to present for endorsement at the next PC meeting. The draft Charter was accepted with one friendly amendment to the wording under Key Work Activities. The Charter was approved by the DEDSTF and will be presented for a first read at the December PC meeting, and a second read at the January PC meeting.

Work Plan Discussion

4. Mr. Herman presented an overview of the updated Work Plan developed for the DEDSTF and reviewed the processes that will be followed to develop standards for the DEDSTF.

Education

5. Mr. Stanley Sliwa, former chairman of the Relay Subcommittee discussed the typical work activities of the Relay Subcommittee regarding their applicability to the DEDSTF
6. Mr. Nathan Benedict, ITC, led a presentation on the MISO and SPP minimum design standard development process including an overview of each process and lessons learned.

Interest Identification

7. Mr. Herman led the interest identification exercise. Members put forth their interests that they felt should be captured during the development of the Designated Entity Design Standards.

Follow up Materials

Links to other regional entity draft standards, TSS guidelines and Relay Sub Committee standards:

- Southwest Power Pool: [SPP - Minimum Transmission Design Standards for Competitive Upgrades](#)
- Midwest ISO: [MISO - Minimum Project Requirements for Competitive Transmission Projects](#)
- TSS Transmission Owner Guidelines: [TSS - Transmission Owner Guidelines](#)

- Relay Subcommittee webpage: <http://www.pjm.com/committees-and-groups/subcommittees/rs.aspx>
- PJM Protection Standards Manual: <http://www.pjm.com/-/media/documents/manuals/m07.ashx>

Future Agenda Items

- Charter first read update from December 3rd PC Meeting
- Another member presentation on MISO and SPP minimum design standards
- TSS member presentation
- PJM education on Designated Entity Agreements

In Attendance (In Person)

| | |
|------------------------------|--|
| Anisha Fernandes (Secretary) | PJM Interconnection, LLC |
| Anthony Madonna | Delmarva Power & Light Company |
| Antonio Mannarino | Public Service Electric & Gas Company |
| Arleen Prusienski | Public Service Electric & Gas Company |
| Bernie O'Hara | PJM Interconnection, LLC |
| David Anders | PJM Interconnection, LLC |
| David Kozy | FirstEnergy Corporation |
| David Lemmerman | PECO Energy Company |
| Drew Pizzo | PEPCO Holdings, Inc. |
| Eliseo Carrasco | PJM Interconnection, LLC |
| Harry Hackman | Primary Power LLC |
| James Hubertus | Public Service Electric & Gas Company |
| Jason Connell | PJM Interconnection, LLC |
| Jason Shoemaker | PJM Interconnection, LLC |
| Jay Lenhart | Dominion Virginia Power |
| Jeff Merryman | PEPCO Holdings, Inc. |
| Joe Hay | PJM Interconnection, LLC |
| Konrad Endres | Delmarva Power & Light Company |
| Matthew Donaldson | PPL Electric Utilities Corp. dba PPL Utilities |
| Michael Herman (Facilitator) | PJM Interconnection, LLC |
| Michelle Antantis | Duquesne Light Company |
| Richard Crouch | Public Service Electric & Gas Company |
| Suzanne Glatz | PJM Interconnection, LLC |
| Scott Herb | PPL Electric Utilities Corp. dba PPL Utilities |
| Stanley Sliwa | PJM Interconnection, LLC |
| Tom Hoatson | Riverside Generating, LLC |

In Attendance (Teleconference)

| | |
|-----------------|--|
| Adam Molitor | Ameren |
| Amber Kingston | Southern Maryland Electric Cooperative |
| Dave Parrish | AEP Ohio Transmission Company, Inc. |
| Dean Busch | NextEra Energy Resources |
| Derek Hagaman | GT Power Group |
| Djamel Benbakir | Ameren |
| Eric Mortenson | Exelon Generation Co., LLC |
| Eric Yeh | Baltimore Gas and Electric Company |



Meeting Minutes

Frank Czigler
 Jeffrey Barsch
 John Kopinski
 Jonathan Sasser
 Justin Wenk
 Massamba Samb
 Mike Donnelly
 Nathan Benedict
 Neil Kaup
 Patrick Gerum
 Ray Rouault
 Raymond Alvarez
 Robert Garrett
 Robert May
 Roleto Mangonon
 Sinni Miletic
 Sudip George
 Susan McGill
 Todd Hinson

Public Service Electric & Gas Company
 Appalachian Power Company
 ITC Mid-Atlantic Development LLC
 Customized Energy Solutions, Ltd.*
 Ameren
 Public Service Electric & Gas Company
 PECO Energy Company
 ITC Mid-Atlantic Development LLC
 Commonwealth Edison Company
 American Transmission Company, LLC
 PEPCO Holdings, Inc.
 Public Service Electric & Gas Company
 Dominion Virginia Power
 Baltimore Gas and Electric Company
 Rockland Electric Company
 Union Electric Company d/b/a Ameren Missouri
 APN Starfirst, LP
 PJM Interconnection, LLC
 PPL Electric Utilities Corp. dba PPL Utilities

Future Meeting Dates

| | | |
|--------------------|-----------------------|---|
| December 16, 2015 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| January 14, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| February 23, 2016 | 9:00 a.m. – 12:00 p.m | PJM Conference & Training Center/ WebEx |
| March 22, 2016 | 9:00 a.m. – 12:00 p.m | PJM Conference & Training Center/ WebEx |
| April 14, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| May 16, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| June 15, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| July 19, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| August 17, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| September 12, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| October 25, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| November 15, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |
| December 12, 2016 | 1:00 p.m. – 4:00 p.m | PJM Conference & Training Center/ WebEx |

Author: Anisha Fernandes