

**Southwest Power Pool**

**GENERATOR INTERCONNECTION IMPROVEMENT TASK FORCE MEETING**

**March 30, 2017**

**Hilton Garden Inn Downtown – 1600 Pacific Ave. Dallas, Texas**

**• Summary of Action Items •**

1. SPP staff to add attendance list to the minutes for the March 17 call.
2. SPP staff to set up a conference call for April 13, 9 am – 12 noon CDT.
3. SPP staff to prepare examples for the April 13 call illustrating the application of distribution factors in the assignment of upgrades.
4. SPP staff to prepare an overview of the MISO GI study process for the April 13 call.
5. SPP staff to set up a face-to-face meeting for April 26, 9 am – 3 pm CDT in Tulsa, Oklahoma at an AEP facility to be determined.

**Southwest Power Pool**  
**GENERATOR INTERCONNECTION IMPROVEMENT TASK FORCE MEETING**  
**March 30, 2017**  
**Hilton Garden Inn Downtown – 1600 Pacific Ave. Dallas, Texas**

• M I N U T E S •

**Agenda Item 1 – Administrative Items**

GIITF Chair Al Tamimi called the meeting to order at 9:00 am. There were 47 in attendance or participating by phone (Attachment 1 – Attendance List). All members of the task force were present.

Mark Ahlstrom, NextEra, moved to approve the minutes of the March 17, 2017 conference call on the condition that the attendance list, which had been inadvertently left off, would be appended and re-posted. Michael Wegner, ITC, seconded the motion. It was approved by voice vote with none opposed.

**Agenda Item 2 – Review of Past Action Items**

There were no past action items to review.

**Agenda Item 3 – Vice Chair Selection**

Michael Wegner volunteered to serve as Vice Chair. With no opposition, his offer was gratefully accepted.

**Agenda Item 4 – Related Improvement Efforts in Other Stakeholder Groups**

Sunny Raheem, SPP staff, reviewed ongoing related improvement efforts in other SPP working groups that might align with the efforts of the task force in order to identify projects that may need to be coordinated with others.

**Agenda Item 5 – FERC NOPR RM17-8**

Steve Purdy, SPP staff, reviewed the GI process changes being proposed in the FERC Notice of Proposed Rulemaking. There was considerable discussion about each of the main points in the proposal and implications for the SPP GI process.

Steve noted that comments are due to FERC by April 13, 2017. SPP staff took notes on the feedback from the group that will be considered in drafting comments. SPP is coordinating with the ISR/RTO council on its comments and may also submit specific comments of its own. Stakeholders were invited to forward additional comments directly to Steve Purdy.

**Agenda Item 6 – How Upgrades Are Identified in SPP GI Study Process**

Sunny reviewed the procedures used in the SPP GI study process to determine how and when upgrades are required so support interconnection requests, dispatch scenarios used to model the requests, distribution factors, and stability requirements. The group expressed interest in further detail on the application of distribution factors and directed staff to prepare examples for the next meeting to illustrate the process.

**Agenda Item 7 – Priorities for GIITF**

The group discussed its priorities for upcoming meetings, agreeing to focus first on identification of improvements to study procedures and streamlining of processes, followed by a focus on improving value to customers and TOs, and then exploring deliverability issues related to the aggregate study process.

**Agenda Item 8 – Planning Dispatch Practices**

This item was skipped due to time and having been discussed in some detail during Agenda Item 6.

**Agenda Item 9 – Summary of Action Items**

Action items are summarized at the beginning of this report.

**Agenda Item 10 – Future Meetings**

April 13, 2017 Teleconference  
April 26, 2017 Face-to-Face in Tulsa

There being no further business the meeting adjourned at 3:00 pm.

Respectfully Submitted,

Steve Purdy  
Secretary

Attachments:  
0 GIITF Agenda 2017-03-30  
1a GIITF 2017-03-17 WebEx Attendance  
1b GIITF Attendance 2017-03-30  
1b Attendance Sign-up Sheet 2017-03-30



**Southwest Power Pool, Inc.**

**GENERATOR INTERCONNECTION IMPROVEMENT TASK FORCE MEETING**

**Thursday, March 30, 2017**

**Hilton Garden Inn Downtown – 1600 Pacific Ave. Dallas, Texas**

**• A G E N D A •**

9:00 am – 3:00 pm

- 1. Administrative Items ..... Al Tamimi
- 2. Review of Past Action Items..... Steve Purdy
- 3. Vice Chair Selection ..... Al Tamimi
- 4. Related Improvement Efforts in Other Stakeholder Groups..... Sunny Raheem
- 5. FERC NOPR RM17-8..... Steve Purdy
- 6. How Upgrades Are Identified in SPP GI Study Process ..... Sunny Raheem
- 7. Priorities for GIITF ..... Al Tamimi
- 8. Planning Dispatch Practices..... Al Tamimi
- 9. Summary of Action Items ..... Steve Purdy
- 10. Discussion of Future Meetings ..... Steve Purdy

Name	Email
Angie Anderson (Sunflower)	aanderson@sunflower.net
Robert Safuto (CES)	rsafuto@ces-ltd.com
Richard Seide	richard.seide@apexcleanenergy.com
Scott Bents (IUB)	scott.bents@iub.iowa.gov
Jay Caspary	jcaspary@spp.org
Ray Bergmeier (Sunflower)	rbergmeier@sunflower.net
Josie Daggett	daggett@wapa.gov
Ravi Bantu	ravi.bantu@res-group.com
Jason Chaplin (OCC)	j.chaplin@occeemail.com
Dan Trent	dtrent@aeci.org
Raymond Offenbacher	roffenbacher@spp.org
Andy Berg (MPC)	aberg@minnkota.com
Dirk Shulund	shulund@wapa.gov
William Holden	wholden@spp.org
Al Tamimi	atamimi@sunflower.net
Dong Quach	dquach@bpu.com
Dwayne Stradford	dwayne.stradford@navigant.com
Jim Jacoby (AEP)	jwjacoby@aep.com
Harold Wyble (KCPL)	harold.wyble@kcpl.com
Kevin Pera	kevin.m.pera@xcelenergy.com
Andrew Aston	astonar@oge.com
Aaron Vander Vorst	avandervorst@minnkota.com
lisa szot	lisa.szot@enel.com
Ryan Yokley	ryokley@sunflower.net
Cindy Ireland (AR PSC)	cireland@psc.state.ar.us
Josh Verzal	jverzal@oppd.com
James Smith	jbsmith2@aep.com
Adam Mummert	amummert@burns.mcd.com
Robert Tumilty	retumilty@aep.com
Marisa Choate	mchoate@spp.org
Christi Pinkerton	cpinkerton@spp.org
Sunny Raheem	sraheem@spp.org
Terry Rhoades	trhoades@spp.org
Nimai Shanker	nimai.shanker@res-group.com
Derek Sunderman	dsunderman@tradewindenergy.com
Brian Rounds (AESL)	brian.rounds@aeslconsulting.com
Nathan McNeil	nathan.mcneil@westarenergy.com
Mark Ahlstrom	mark@windlogics.com
Jeremy Severson (BEPC)	jseverson@bepc.com
Walt Cecil (MoPSC)	walt.cecil@psc.mo.gov
Steve Gaw	rsgaw1@gmail.com
Jason Edwards	jedwards@aksamitrm.com
Alyssa Anderson	aanderson@spp.org
John Brodbeck EDPR	john.brodbeck@edpr.com
Randy Lindstrom	rrlinds@nppd.com
Glen Skarbakka	glen@s-pllc.com

Chris Lyons - Customized Energy Solutions  
Sam

clyons@ces-ltd.com  
LS Power

Southwest Power Pool, Inc.

GENERATOR INTERCONNECTION IMPROVEMENT TASK FORCE MEETING

Thursday, March 30, 2017

Hilton Garden Inn Downtown – 1600 Pacific Ave. Dallas, Texas

• ATTENDANCE LIST •

Name	System
Steve Purdy	SPP
Sunny Raheem	SPP
Dirk Shulund	WAPA - UGP
Mark Ahlstrom	NextEra Energy
Richard Seider	APEX
James Smith	AEP
BRIAN JOHNSON	
JOHN BRODBECK	EDP RENEW
AL Tamimi	SEPC
Kevin Pera	Xcel Energy
Andrew Aston	OGE
BRUCE CRUSE	XCEL/SPS
Ray Bergmeier	Sunflower
Michael Wegner	ITC
Lisa Szoft	Enel
Randy Lindstrom	NPP

GLTF Attendance  
March 30, 2017

X= In person  
P= Proxy  
T=Teleconference

First Name	Last Name	Position	Company	Email	Attendance
Al	Tamimi	Chair	Sunflower	atamimi@sunflower.net	X
Steve	Purdy	Secretary	SPP	spurdy@spp.org	X
Mark	Ahlstrom	Member	NextEra Energy	mark.ahlstrom@windlogics.com	X
Andrew	Aston	Member	OGE	astonar@oge.com	X
John	Brodbeck	Member	EDP Renewables	john.brodbeck@edpr.com	X
Randy	Lindstrom	Member	NPPD	rrlinds@nppd.com	X
Kevin	Pera	Member	Xcel Energy	kevin.m.pera@xcelenergy.com	X
Dirk	Shulund	Member	WAPA	shulund@wapa.gov	X
James	Smith	Member	AEP	jbsmith2@aep.com	X
Lisa	Szot	Member	Enel Green Power	lisa.szot@enel.com	X
Michael	Wegner	Member	ITC Holdings	mwegner@itctransco.com	X
Ray	Bergmeier	Guest	Sunflower		X
Brian	Johnson	Guest	AEP	bajohnson1@aep.com	X
Bruce	Cude	Guest	Xcel Energy		X
Richard	Seide	Guest	Apex		X
Sunny	Raheem	Guest	SPP	<a href="mailto:sraheem@spp.org">sraheem@spp.org</a>	X
Glen	Skarbakka	Guest	PLLC	glen@s-pllc.com	T
Alyssa	Anderson	Guest	SPP	aanderson@spp.org	T
Edrissa	Cham	Guest	Tradewind	echam@tradewindenergy.com	T
Nimai	Shanker	Guest	RES	nimai.shanker@res-group.com	T
Ray	Offenbacher	Guest	SPP	<a href="mailto:roffenbacher@spp.org">roffenbacher@spp.org</a>	T
Scott	Bents	Guest	IUB	<a href="mailto:scott.bents@iub.iowa.gov">scott.bents@iub.iowa.gov</a>	T
Aaron	Vander Vorst	Guest	Minnkota	<a href="mailto:avandervorst@minnkota.com">avandervorst@minnkota.com</a>	T
Jeff	Knottek	Guest	City Utilities	jeff.knottek@cityutilities.net	T
Jason	Mazigian	Guest	BEPC	<a href="mailto:jmazigian@bepc.com">jmazigian@bepc.com</a>	T
Kirk	Hall	Guest	SPP	<a href="mailto:khall@spp.org">khall@spp.org</a>	T



GIITF Attendance  
March 30, 2017

Chris	Lyons	Guest	CES	clyons@ces-ltd.com	T
Brian	Rounds	Guest	AESL	brian.rounds@gmail.com	T
Jim	Krajecki	Guest	CES	jkrajecki@ces-ltd.com	T
John	Bell	Guest	KCC	j.bell@kcc.ks.gov	T
Robert	Safuto	Guest	CES	<a href="mailto:rsafuto@ces-ltd.com">rsafuto@ces-ltd.com</a>	T
Jeremy	Severson	Guest	BEPC	jseverson@bepc.com	T
Gayle	Nansel	Guest	WAPA	nansel@wapa.gov	T
Jason	Chaplin	Guest	OCC	j.chaplin@occmail.com	T
Josh	Verzal	Guest	OPPD	jverzal@oppd.com	T
Jim	Jacoby	Guest	AEP	jwjacoby@aep.com	T
Tim	Hall	Guest	Southern Power	timhall@southernco.com	T
Andy	Berg	Guest	Minnkota	<a href="mailto:aberg@minnkota.com">aberg@minnkota.com</a>	T
Derek	Sunderman	Guest	Tradewind	<a href="mailto:dsunderman@tradewindenergy.com">dsunderman@tradewindenergy.com</a>	T
Harold	Wyble	Guest	KCPL	<a href="mailto:harold.wyble@kcpl.com">harold.wyble@kcpl.com</a>	T
John	Boshears	Guest	SPRM	<a href="mailto:john.boshears@cityutilities.net">john.boshears@cityutilities.net</a>	T
Adam	Mummert	Guest	BurnsMc	<a href="mailto:amummert@burnsmcd.com">amummert@burnsmcd.com</a>	T
Marisa	Choate	Guest	SPP	<a href="mailto:mchoate@spp.org">mchoate@spp.org</a>	T
William	Holden	Guest	SPP	<a href="mailto:wholden@spp.org">wholden@spp.org</a>	T
Dan	Trent	Guest	AECI	<a href="mailto:dtrent@aeci.org">dtrent@aeci.org</a>	T
Matthew	Stoltz	Guest	BEPC	<a href="mailto:mstoltz@bepc.com">mstoltz@bepc.com</a>	T
Bryce	Bowie	Guest	SPP	<a href="mailto:bbowei@spp.org">bbowei@spp.org</a>	T