

Southwest Power Pool, Inc.

VOLTAGE TASK FORCE

Net Conference

Wednesday September 28, 2016 8:30 a.m. - 12:00 p.m.

• A c t i o n I t e m s a n d V o t i n g R e c o r d •

Consent Agenda

Kevin Ma (Oklahoma Gas and Electric) moved to approve the Consent Agenda, and Sakshi Mishra (AEP Service Corporation) seconded the motion. The motion was approved without opposition or abstention.

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• M I N U T E S •

Administrative Items / Attendance / Agenda Review

Chairman Mark Eastwood (City Utilities of Springfield, Mo) called the VTF to order at 8:32 AM on 9/28/2016

Jason Tanner (Southwest Power Pool) called attendance.

Mark Eastwood reviewed the agenda, and Dustin Betz (Nebraska Public Power District) requested to add an additional agenda item “New Resources Impact GI and System Impact studies”.

Consent Agenda

Kevin Ma (Oklahoma Gas and Electric) moved to approve the Consent Agenda, and Sakshi Mishra (AEP Service Corporation) seconded the motion. The motion was approved without opposition or abstention.

Approval Items and Staff Reports for Discussion

Agenda Item 5 – Flint Creek Voltage

Jason Tanner (Southwest Power Pool) discussed agenda item 5 Voltage Stability Control with OP-3. Jason reviewed comments submitted by City Utilities, AEP, and NPPD. The VTF recommended making changes to flowgate criteria, and discussed potential impacts to SPP Planning criteria. The VTF reviewed the language around SOLs in the document and discussed the potential impact for SOL definition changes. Mark Eastwood (City Utilities of Springfield, Mo) asked if stability limited flowgates are identified would they be communicated with TOPs in the same manner as thermal limited flowgates, and Jason stated that they would be. The VTF also discussed the definition for multiple contingencies, and recommended adding additional detail to the document. Kevin Ma (Oklahoma Gas and Electric) stated that he would work on providing a definition for discussion at the next VTF meeting. The VTF discussed the flexibility for adjusting the hold back margins. Recommendations were made to add load shed clarification language, and to change the word “violation” to “exceedance”. The VTF discussed the need to add IROL criteria language to the document and Jason stated the document should point to the planning criteria language to identify IROLs.

Agenda Item 6 – New Resources Impact GI and System Impact studies

Dustin Betz (Nebraska Public Power District) request that the VTF hold discussions around the generation interconnection study procedures and processes to gain a better understanding for how SPP new voltage stability constraints are assessed. Dustin stated that according to the VTF charter, we are to “Develop recommendations for SPP to modify or enhance voltage assessments within the SPP transmission planning process”. Dustin stated that he is concerned that SPP needs to start considering the impacts of new generation resources on the newly identified voltage stability constraints on the system and how those issues are mitigated in the generation interconnection and transmission planning processes. Dustin stated he is not aware of a stakeholder approved GI study procedure document in SPP that has been fully vetted by the stakeholder community, and with new voltage stability issues being discovered, the VTF should consider reviewing the SPP GI study procedures and assess how we

can mitigate and plan to address issues prior to issues surfacing in real-time operations. Jason Tanner (Southwest Power Pool) stated that he would coordinate with the GI group to facilitate discussion at the next VTF meeting.

Agenda Item 7 – Meeting Schedule

- a. 10/26/2016, Net Conference, 0830-1200

Agenda Item 8 – Adjourn

Chairman Mark Eastwood (City Utilities of Springfield, Mo) adjourned the VTF at 11:34 AM on 9/28/2016.

Respectfully Submitted,

Jason Tanner
Secretary



Voltage Task Force
Meeting Attendance: 9/28/2016
M=Member, G=Guest, S=SPP Staff, P= Proxy



Day 1	Name	Status	Company
x	1 Chariman Mark Eastwood	M	City Utilities of Springfield
a	2 Jim Useldinger	M	South Central MCN
a	3 Kevin Harrison	M	ITC Holdings Corp.
x	4 Sakshi Mishra	M	AEP Service Corporation
P	5 Mark Ahlstrom	M	NextEra Energy Resources, WindLogics
x	6 Feng (Kevin) Ma	M	Oklahoma Gas and Electric
x	7 Rouslan Tzartzev	M	EDP Renewables
a	8 Clinton Bruhn	M	Lincoln Electric System
x	9 Kyle Drees	M	Westar Energy
x	10 Dustin Betz	M	Nebraska Public Power District
x	11 Neal Faltys	M	Omaha Public Power District
x	12 Jack Clark	P	Proxy for Mark Ahlstrom
x	13 Ryan Yokley	G	Sunflower Electric
x	14 John Allen	G	City Utilities of Springfield
x	15 John Boshears	G	City Utilities of Springfield
x	16 Jerry Bradshaw	G	City Utilities of Springfield
x	17 Kyle McMenamain	G	Xcel Energy
x	18 Bruce Cude	G	Xcel Energy
x	19 Steve Gaw	G	The Wind Coalition
x	20 Derek Brown	G	Westar Energy
x	21 Will Tootle	S	Southwest Power Pool
x	22 Jason Tanner	S	Southwest Power Pool
x	23 Casey Cathey	S	Southwest Power Pool
x	24 Harvey Scribner	S	Southwest Power Pool
x	25 Kim Gorter	S	Southwest Power Pool