

## NOTES

APS/SRP Stakeholder Meeting For Transmission Planning

FERC 890 OATT Attachment K – 4<sup>th</sup> Quarter Meeting

SRP POB Building – Mesquite Conference Room  
December 20, 2012 – 9:00am – 11:00pm

### ATTENDANCE

A list of those in attendance is attached.

#### SRP Presentation

LeeAnn Torkelson made introductions and started SRP's part of presentation. There were no action items from the 2<sup>nd</sup> quarter meeting.

Vicky Sandler asked if anything came out from the BTA meeting that would affect planning process flow. Ed Stoneburg said that the only significant changes were a suspension of performing the following studies (until conditions warrant otherwise):

- No requirements for RMR studies
- No requirement for special studies in Southeast

Amanda Ormond asked if it is possible to open Resource Planning process to the public (APS's and TEP's are)

Brian Keel will investigate this request with regulatory and resource planning departments at SRP

Vicky asked if the FERC 1000 would impact Exhibit 1 of SRP's Attachment K or APS's Attachment E. LeeAnn answered that it might if SRP decides to participate in FERC 1000.

Amanda asked if NERC would come with more standards after September 8, 2011. Brian answered that we will see more FERC recommendations due to this event.

Amanda asked why SRP dropped out of Palo Verde – Morgan project. LeeAnn explained that this was an economic decision.

Amanda asked if it be reasonable to study different renewable scenarios in AZ – low, medium and high. Ed confirmed that TEPPC is looking at 6 GW of renewable in AZ.

Amanda asked if AZ should put a study request to TEPPC for a high renewables export scenario to CA. Ed said TEPPC is looking into high imports in CA from NV, AZ and NM (3000MW of solar from AZ & NM). Jim Charters said that high export study into CA was already submitted last year.

### APS Presentation

Jason Spitzkoff presented APS's material.

Vicky asked what created the need for 2<sup>nd</sup> Hassayampa-N. Gila 500kV line in 2015. Jason explained that mostly to continue to serve the Yuma area reliably and deliver enough resources due to the continued increase of Yuma load. Jason also said that there is a lot of renewable generation requests into the existing line. There is a plan for a 2<sup>nd</sup> switchyard (Qx), beside the new Hoodoo Wash switchyard, for Hassayampa-N.Gila line due to the amount of interconnection requests. The potential location for Qx is approximately 10 miles east of Hoodoo Wash, along the Hassayampa-N.Gila line. If enough renewable generation develops and interconnects into the Hassayampa-N.Gila line there will be a reliability need to loop the planned Hassayampa-N.Gila #2 line into either the Qx or Hoodoo Wash switchyards.

John Sheppard informed Jason that APS needs to review the Sonoran Desert Heritage Conservation proposal when attempting to site the Qx substation.

Amanda asked if there is a chance for CAISO to become participant in Hassayampa-N.Gila #2. Jason said that there is nothing firm as of right now.

Amanda asked if all segments of Palo Verde-Morgan have CEC. Jason answered that they do, but ACC put Sun Valley-Morgan 500kV on BLM land prompting a NEPA process which is still underway.

Vicky was interested if programs, such as Integrated Battery Technology could delay project as Youngs Canyon station by Flagstaff. Jason explained that load increase and need for voltage support are driving the need for this project. Also, new technologies, distributed energy, and energy efficiencies are all factored into the load projects that APS uses in our models when performing planning studies.

Dinesh Salem-Natarajan asked if APS can provide any details on the two Transmission Interconnection requests. Jason was unsure whether the information for Transmission interconnections is protected similar to Generator Interconnections. In an effort to avoid FERC or NERC Standards of Conduct violations Jason will take this question back and research the confidentiality requirements of Transmission Interconnections and post the appropriate response as part of the meeting notes.

In relation to the Gila Bend cluster study that APS recently performed, Vicky was interested when generator interconnectors have to pay significant money; i.e. when do you know when a project is serious about moving forward. Jason said that initially an interconnector would have to submit a \$100k deposit to move from the System Impact Study to a Facilities Study. After a facilities study is finalized an LGIA has to be signed which requires a project to have to put up security for any interconnection facilities identified in their study.

John asked how Section 368 energy corridors results will be integrated into planning process. Jason did not have answer for this.

#### Final comments

John said that for people new to this process, and the electric utility world in general, there is a lack of granularity. He added that in order to receive more input from stakeholders, utilities need to provide more coverage on the assumptions used for the studies, scenarios, resources, loads and generation.

Amanda seconded this opinion, adding that these meetings should be conducted in a way that will allow more participation from “ordinary” people.

#### Action Items

A/I: Brian Keel will investigate with regulatory and resource planning departments at SRP if it is possible to open Resource Planning process to the public.

A/I: Jason will take the question about Transmission interconnections back to APS regulatory department and research the confidentiality requirements of Transmission Interconnections. The answer will be posted as part of the meeting notes.

- At this time APS does not disclose any information regarding any Transmission Interconnection requests in-order to protect the confidentiality of the requestor.

# SRP-APS 4th Quarter Open Planning meeting

12/20/2012

Name	INITIAL	Company
Amanda Ormond	AOO	Western Grid Group
Andrew Apostolik		Sundt
Anthony Cadorin		City of Mesa
Cary Deise		USE Consulting
Chris Fecke-Stoudt		KRSA
Darla Hareza	<i>[Handwritten initials]</i>	URS
DeAnne Rietz	<i>[Handwritten initials]</i>	SWCA
Dennis Delaney		KRSA
<i>phone</i> Dinesh Salem-Natarajan		Terra-Gen Power, LLC
Ed Stoneburg	<i>[Handwritten initials]</i>	ACC
Eldin Dizdarevic	<i>[Handwritten initials]</i>	SRP
Jason Spitzkoff	<i>[Handwritten initials]</i>	APS
John Shepard	<i>[Handwritten initials]</i>	Sonoran Institute
Laurie Woodall		URS
LeeAnn Torkelson	<i>[Handwritten initials]</i>	SRP
<i>Jerry D Bicknell</i>	<i>[Handwritten initials]</i>	<i>SRPM</i>
<i>phone</i> <i>J. King Lewis</i>	<i>[Handwritten initials]</i>	
<i>phone</i> <i>Tom Stoops</i>	<i>[Handwritten initials]</i>	
<i>phone</i> <i>George rail</i>	<i>[Handwritten initials]</i>	
<i>Brian Keel</i>		<i>SRP</i>
<i>phone</i> <i>Jim Whitaker</i>	<i>[Handwritten initials]</i>	
<i>JIM CHARTERS</i>	<i>[Handwritten initials]</i>	<i>WSES</i>
<i>Vicki Sandler</i>	<i>[Handwritten initials]</i>	<i>AZISA</i>
<i>phone</i> <i>Don Adams</i>	<i>[Handwritten initials]</i>	
<i>phone</i> <i>Robert Walker</i>	<i>[Handwritten initials]</i>	
<i>phone</i> <i>Bill Hosie</i>		
<i>phone</i> <i>John Underhill</i>	<i>[Handwritten initials]</i>	
<i>phone</i> <i>Ed Burgess</i>		