



## Agenda & Meeting Notes

# CATS HV Study Group

## Thursday March 05, 2009

### ----- Meeting Notes -----

#### CATS HV

##### 1. Introductions and Meeting Purpose

The meeting was called to order by Chairperson Joseph Herrera. A list of those in attendance is attached. Those in attendance accepted the proposed agenda.

##### 2. Approval of December 01, 2008 Meeting Notes

Joseph Herrera asked if there were any changes to the CATS-HV meeting notes from the March 05, 2009 meeting.

**March 05, 2009 meeting notes were approved.**

##### 3. Update on CATS-HV Transmission Corridor Workshop

- Joseph Herrera stated that there was a good turn out and a lot of interest in the transmission corridor workshop that was held on April 09, 2009 at the City of Casa Grande offices.
- Joseph reported that one of the comments he had received was that it may be beneficial to get the State Land Department involved in the meetings. He continued by saying that he has made contact with Ruben Ojeda of the State Land Department and that Ruben was planning to make a presentation at the next workshop.
- Joseph informed the group that Pinal County had agreed to host an FTP site where all of the data and the maps can be stored for use by all of the municipalities.
- One of the comments that Joseph received was that he should get in contact with the Central Arizona Association of Governments (CAAG) because they already have a fairly good map that could potentially be used as a basis for the CATS-HV task. Joseph reported that he has been trying to get in contact with someone from CAAG but that he has not been able to reach anyone at this point. Manny Gonzalez from Pinal County stated that he has a contact at CAAG and that he would send that information on to Joseph.
- Joseph asked all members of the CATS-HV group if they would be willing to provide him with a representative from each of their individual companies that is currently working on projects in Pinal County and that would be willing to come and give a presentation on those projects and what GIS information they are using at the next workshop.
- LeAnn Torkleson asked when the next workshop was going to be held and when Joseph would like to have the information. Joseph responded that the next workshop was going to be in June and that he would like to have the contact information before Memorial Day in May.
- Mark Etherton asked if any planned or preliminary lines were going to be included on the map. Joseph responded that he thought it would be beneficial to include some of the planned or

preliminary routes. Greg responded that it may be a good idea to include the information on the planned lines but that it will be crucial to make sure that they are labeled distinctly so that the user knows that the line has not been permanently sighted to the area.

- Mark asked if there is anything that has been completed at this point. Joseph responded that at this point there is nothing completed and that he is still waiting to hear back from someone at CAAG to get a copy of their map.

#### **4. Update on 2019 Base Case**

- Mark gave a PowerPoint presentation explaining the current status of the 2009 base case. The presentation is attached for review.
- Mark stated that this is one of the better cases. He continues by saying that there are some issues with duplicate buses and that a detailed rep for ED3 was entered by APS and that it needs to be removed.
- Mark said that there are no issues with N-0 or N-1 overloads but that there is still some voltage variation. He stated that further review needs to be done at Valley Farms. Jason stated that he needed to get with Mark on that because an error has been located and the queue should be much higher.
- Mark continued by saying that there are also some issues at Gila Bend. Mark stated that this might be something that the group would like to leave out because it is not really in the Pinal County area. Jason also stated that this is a known problem and that there is an open line that gets closed for the outages.
- Mark stated that the voltage magnitude is low at Valley farms but that he is going to be working with Jason on that.
- Mark suggested that instead of doing a full blown screening of all of the N-2 it may be beneficial to only go back and look at the critical outages. LeAnn stated that she thought that this was a good idea and the EHV is only doing project outages for N-1-1 so before doing this it might be important to make sure that there was no duplication. Mark responded that the HV group is only going to be doing the N-1-1 in Pinal County and some of the critical ones for last year.
- Mark stated that he would like to present some of the information at the SWAT meeting in may and then have a draft report ready by the meeting in August.

#### **5. Open Discussion**

- Joseph stated that at the SEV meeting on April 27, 2009 there was some discussion of a 230 kV from Pinal West to Santa Rosa. Gary stated that this is still a very preliminary possibility. He stated that they are looking at Pinal West to Test Track.
- Gary stated that the SEV rating system was used for the case.
- Mark asked if this was mostly sensitivity work at this point. Gary responded that it is still sensitivity work and that there is not really anything for CATS to work on right now.
- Gary stated that the Sawtooth Generation was not looked at in this case.
- Joseph said that one of the issues with this project is that it would require a new CDC and SEV is looking to have completion by 2013.

#### **6. Future Planning**

The next CATS-HV meeting will be held jointly with the CATS-EHV meeting on August 4, 2009 at the ED3 District Office.

There will be a conference call on June 9<sup>th</sup>, 2009.