

**2008 TVA Transmission Customer and Power Marketers' Meeting**  
**Meeting Notes**  
**April 9, 2008**

**Welcome and Introduction - David Hall**

**Central Public Power Partners 2nd Stakeholder Meeting - Ian Grant, David Till, and David Marler**

- Q** Who is the contact for Non-Disclosure Agreements?  
**A** Ian Grant
- Q** Who is the contact for Economic Studies?  
**A** Ian Grant
- Q** Will TVA post the results of the economic studies or will the results be on a one on one basis with the requester?  
**A** The results will be posted.
- Q** Will things be posted that could give a business advantage to other parties?  
**A** By posting the question and answer, everyone is on the same playing field. TVA will not be giving an advantage to competitors. A customer has several options: 1) if a customer wishes to keep its information private, it can use TVA's available loadflow models to perform its own studies, 2) if the customer wants to preserve its business interests, it can enter a TSR on OASIS, or 3) if the customer doesn't mind a public posting, it can submit an inquiry for an economic study through TVA's planning coordinator.
- Q** If a customer wants to be private, can it go through its own consultant?  
**A** With TVA's models, the customer can study what it wants privately. If a customer engages TVA Planning, the results will get posted. Another option available to the customer is to enter the TSR queue by posting on OASIS.
- Q** If a customer wanted an economic study performed to deliver power from TVA's northern tie to TVA's southern tie, what results can the customer expect?  
**A** The results will consist of a screening study to which a confidence level of accuracy will be assigned.
- Q** What part of the TSR queue will be included in the screening study?  
**A** TVA will include whatever the requester wants to include in the screening study.
- Q** By allowing customers to choose their own assumptions in a screening study, the posted results of those screening studies are degraded since the public will not know what assumptions were included in the study. Transparency is also degraded since the requesters' assumptions are not public. Southern Company performs five studies in which all of the assumptions are defined and all results posted. Do TVA's screening studies include AC contingency analysis, or are these just DC MUST runs?  
**A** TVA will post the results and all assumptions on OASIS. TVA's screening process is always an AC analysis, never DC. TVA will provide the screening results with a confidence factor. If more accuracy is required, then a progression towards the interregional study process is needed. The interregional study process mimics that of the above mentioned Southern Company studies. TVA's screening studies are to provide quick information to support business decisions.
- Q** Will the requester define the assumptions?  
**A** Yes. TVA will then post the results along with the assumptions defined by the requester.
- Q** Will these assumption definitions by the customer include study methodology details such as scaling gen to gen or gen to load in MUST's subsystem files or would it be more like defining the prior requesters, source, sink, etc...?

- A The assumptions will not include the study methodology details. Some examples of assumptions would be the prior requester definitions, etc. The information required for the screening studies is the same type information required for submitting a request for long-term firm transmission service.
- Q What is TVA's High Voltage bus criteria?  
A 106%
- Q What Hydro Assumptions did TVA use in the results of the Summer 2011 loadflow study?  
A All hydro units were assumed to be at full capacity except Wolf Creek Hydro which is modeled offline in connection with the ongoing repair work of the dam. TVA does hydro sensitivity studies on other loadflow cases such as turning off all hydro units in a summer shoulder case.
- Q What are the differences in uprate projects and reconductor projects?  
A TVA uses the term uprate to refer to increasing the ground clearances of its transmission lines either by increasing the line tension, installing intermediate poles, removing underlying obstacles, etc. TVA uses the term reconductor to mean an actual change of the wire.
- Q How does TVA progress from the 30 second solution to the 5 minute solution to the final solution?  
A TVA progresses through the project milestones (part of David Till's presentation) - Project Launch, Recommend Solution, Concept Approval, and Scoping.
- Q How can the public find status on TVA's project milestones? Will there be a posting place for this information? How do the stakeholders know if they still have input rights regarding the project solution?  
A TVA will investigate posting of the project milestones. Stakeholders have input rights into the project solution until the project gains Recommend Solution approval.
- Q Has the CPPP created a CPPP Transmission Expansion Plan (TEP) presentation? If TVA is going to have a collaborative planning process with its stakeholders, then TVA needs to keep an open mind and involve other CPPP members more in these stakeholder meetings and present other CPPP member's TEP together with TVA's TEP.  
A No, each member has its own TEP and corresponding TEP presentation. TVA will investigate combining the CPPP member's TEP into one presentation for future stakeholders' meetings.
- Q Can the public get the project manager's construction project schedules?  
A TVA will investigate this possibility.
- Q What format are TVA's internal base cases available in?  
A They are available in Pss/e format (.sav) and Raw Data format (.raw)
- Q Is wind generation impacting transmission?  
A Currently TVA only has 27 MWs of wind generation. TVA, SPP, and PJM are participating in an interregional study in which the members are studying the impacts of a 20% wind/renewable resource mandate from congress.
- Q FERC Order 890 (paragraph 194) states that project statuses must be made available to stakeholders. Will TVA do as the order states?  
A TVA will follow FERC Order 890, to the extent it is consistent with TVA's obligations under the TVA Act. TVA will investigate this issue.
- Q How will TVA handle cost allocation in order to enhance import capabilities for lower cost generation?  
A TVA is investigating this issue.
- Q Do the CPPP members conduct their own separate transmission assessment studies, and then meet to collaborate on plans? Is there any coordination among the CPPP members' TSR queues?  
A Yes, the CPPP members all conduct separate transmission assessment studies. TVA does not model TSRs that have been confirmed in other CPPP members' TSR queues, but in economic studies TVA can model those if requested to do so. TVA will collaborate with the CPPP for

transmission problems on borders, but the transmission assessment is to identify transmission limitations with using designated network resources to serve native load.

### Long-Term Requests - David Marler

- Q** Could any of TVA's 62 long-term firm TSRs under withdrawn status have been "timed out"?
- A** No.
- Q** Have any facility studies been done? Do TVA's base cases have confirmed TSRs modeled?
- A** Yes, one facility study has been done. TVA models all confirmed TSRs in its base cases.
- Q** Can requesters get access to all study information regarding a particular TSR such as: study cases, subsystem files, etc? Other transmission providers such as Southern Company and various RTOs offer this information to requesters. The requester has paid for the study and for the information used to obtain the results, so the requester should be entitled to this information.
- A** TVA does not currently offer this information to its requesters due to confidentiality issues. TVA will further investigate this issue.
- Q** Will TVA publish minutes from this meeting? Will TVA publish an action item list from this meeting? Can these items be posted on OASIS?
- A** Meeting minutes including action items will be available to the stakeholders. TVA will investigate the best way to make this information available.
- Q** Who is the TVA contact for Long-term Firm TSRs?
- A** The Transmission Specialist. Contact information cards were provided at the meeting.

### FERC Order 890 Changes - Pat O'Connor

- Q** How does hours-based conditional firm service work?
- A** TVA (the TP) would reserve the right to curtail service a specified number of hours during the year should system conditions necessitate. During these periods, the conditional firm customer would have the equivalent of NN6 priority, the highest non-firm service. TVA plans to submit the Transmission Service Guidelines changes and rates changes to the TVA Board in August for approval and to implement the changes approximately one month after approval.
- Q** Will all Guidelines and pricing reforms be implemented in Fall 2008?
- A** Yes, except a few procedural changes requested by customers that have been or are being implemented immediately (covered later in presentation).
- Q** Would TVA give advance notice about whether a rollover is available rather than waiting until a year prior to the end date of the service when the customer is required to give notice of its intention to rollover?
- A** TVA will work to develop a process that would enable it to give customers advance notice about whether a rollover is available. Notifying the customer as early as possible would appear to be in the best interest of both TVA and the customer because if an upgrade was needed, early notification may allow sufficient time to do the work and enable the customer to continue its transmission service.
- Q** Is what TVA plans to offer really "Conditional" Rollover?
- A** Yes, in effect. Under the TVA Act, TVA must ensure that its transmission system is first used to meet the needs of the Tennessee Valley. TVA must therefore first determine that any requested capacity is surplus to its needs for serving the Valley before any requested rollover of service can be granted.
- Q** Who is responsible for costs if investment needed for rollover?
- A** Customers would pay for upgrades and would be eligible for transmission "credits."
- Q** Would TVA offer service for whatever time is available if less than 5 years?

A Yes, but no rollover rights would be given.

Q What is the schedule for offering next-day firm service on a 7 day a week basis rather than the current 5 day (Mon.-Fri.) schedule?

A June/July 2008 time frame for implementing 7 day coverage for next day firm.

**Review of Major Flowgate Constraints and TSR Metrics - Doug Bailey**

Q Phipps Bend - Pocket North - caused just by Wolf Creek or also Cooper Fossil plant and EKPC derates?

A Yes, all that.

**Wrap Up - Bob Dalrymple**