

ITO LG&E/KU Stakeholder Meeting Action Items

EON Transmission:

- Provide more information on the how the regional planning requirements are integrated into the TEP.
 - This information has been incorporated into the latest OATT Attachment K draft that is out for comment. A copy is posted on OASIS here:
https://sppoasis.spp.org/documents/LGEE/uploads/Attachment_K.pdf
- Provide the system load peak hour for the past several years in order for the customers to provide the coincident peak load forecast as required by 890.

The last 6 summer peaks occurred on:

- 8/9/2007@16:00
- 8/3/2006@15:00
- 7/25/2005@16:00
- 7/13/2004@16:00
- 8/27/2003@15:00
- 8/5/2002@15:00.

The last 6 winter peaks occurred on:

- 2/5/2007@08:00
- 2/6/2006@08:00
- 1/18/2005@08:00
- 1/23/2004@08:00
- 1/23/2003@21:00
- 1/4/2002@20:02

- Provide Semi-annual updated of TEP Project status.
 - A list of completed projects will be provided at the Stakeholder meeting and a date for the semi-annual update will be established, if necessary. It is anticipated that much of this information will be shared via the monthly System Planning Committee meetings/conference calls identified in Attachment K and may eliminate the need for a semi-annual update.
- Provide the TRM/CBM calculation methodology.
 - The T.O. is drafting a methodology document, but it is still not finalized. Any generalized input that Stakeholders want to provide as we work on the document is welcome.
- Develop a template/format of the load forecast data that will be required in the annual update.
 - See Attachment A

EON LSE:

- Provide specific issues that require clarification on in relation to the SIS criteria.

EKPC:

- Designate their primary and alternate representatives on the Network Operating Committee.

Stakeholders:

- Propose criteria that will determine which studies would be most regionally beneficial so that they will be evaluated as the five “free studies” required by 890.

2007 Transmission Expansion Plan (EON - Pam Kimmel)

Topics:

- Overview
- Planning Guidelines
- Planning Process
- Major Projects

Stakeholder Questions:

How are TRM and CBM included in the Expansion Plan? (Daryn Barker, EON)

- They are accounted for in the TEP but they are not explicitly used since the TEP process uses the planning guidelines and studies multi-level outages. ATC calculation only examines single level outages.

How will TRM and CBM be integrated into the TEP in the future? New standards are going to explicitly ask how TRM is evaluated in the TEP. (Daryn Barker, EON)

- The standards will be evaluated when they are approved in order to determine if any change to the current TEP process is required.

Can more information on unit outages be provided? (Darrin Adams, EKPC)

No additional information can be provided at this time.

2007 ITO Analysis

Stakeholder Questions:

How will the regional planning requirements be integrated into the TEP? (Daryn Barker, EON)

- The regional planning coordination happens at the front end (EON process) of the TEP process via coordination with SERC, other Transmission Owners, and regional entities.
- More information will be supplied.

Are any stress tests done on the models? (Daryn Barker, EON)

- This is done via SERC in long and short term analysis groups in order to identify problems.

How are internal models different from NERC MMWG models? (Daryn Barker, EON)

- MMWG models have equivalences on the internal 69 KV system due to bus number limitations.

- EON internal cases use most recent version of MMWG cases and only model first tier external areas in full detail.
- This issue should be minimized in the future since the MMWG are now moving to 6 digit bus numbers starting with 2007 series models.

At what point can a stakeholder provide input for the TEP Process – (Darrin Adams, EKPC)

- Stakeholder input will be considered for next years (2008) TEP since 2007 TEP was already closed to being finalized at the start of the ITO.
- The TEP stakeholder meeting is the best time to provide input about planned or new projects.
- General Stakeholder input can be submitted any time to the TO and ITO.

Impact of Order 890 on Planning Process

Topics:

- Planning Principles
- E.ON's Compliance Strawman

Stakeholder Questions:

Can the T.O. make available what the peak hour was for the past several years, historically, in order to provide the coincident peak load forecast as required by 890? (Daryn Barker, EON)

- The T.O. can provide this data.

Will the T.O. provide update on TEP projects monthly or semi-annually? – (Darrin Adams, EKPC)

- Semi-annually.

Will there be more information posted on the OASIS site, similar to Entergy's OASIS? (Daryn Barker, EON)

- The ITO and the T.O. will post as much information as possible within the CEII standards and requirements.

How will the 5 "free studies" be selected? (Daryn Barker, EON)

- The compliance Strawman proposes to perform five studies annually that will evaluate economic projects.
- The network customers believe it would be more beneficial to them if the T.O. could individually study requests proposed by them.
- The compliance Strawman proposes that the customer develop criteria that evaluate which studies would be most regionally beneficial.

Stakeholder Feedback & Requests

Stakeholder Questions:

Can the TEP relate specific projects to flowgate issues? (Daryn Barker, EON)

- Please review the TEP report for additional information on specific projects.

Is the Confidentiality Agreement applicable to an entity or to an individual? (Daryn Barker, EON)

- It will be applicable to the individual employees that will access the information.

ITO Operations (Jonathan Hayes, ITO)

- Operational Data
- AFC/ATC
 - Review of Open Issues
 - ITO Metrics
 - Quality Control Initiatives

What is being done to resolve the issues with AFC Overrides related to EKPC? (George Carruba, EKPC)

- We are working with TVA in order to resolve this issue. We have updated the rating on the Marion county transformer, per EKPC. We are currently trying to determine what discrepancies exist in the reservation impact between TVA and the ITO.

Can more clarification on reservation data be provided? (Daryn Barker, EON)

- The ITO is not presenting the data in order to present any particular picture, but if the stakeholders request the data in a particular format we will comply at the next meeting. We can break out the data among firm/non firm, short/long term, and MW hours.

What data would be most valuable to the stakeholders? (David McNeill, ITO)

- Two-day ahead daily firm and what is constrained (Daryn Barker, EON).

Has the ITO investigated the impact of TRM/CBM on ATC? (Daryn Barker, EON)

- We did some preliminary investigation on the TRM/CBM, but the Transmission Owner requested that the values stay as they were at the withdrawal from MISO.
- Preliminary review from the Transmission Owner indicates that the current TRM values are consistent with the ARS requirements. (Mike Toll, EON)

Is the TRM/CBM calculation methodology posted somewhere? (Daryn Barker, EON)

- We will make this methodology available for the stakeholders.

Why could we not schedule on the LGEE-MISO-PJM path? (Charlie Freibert, EON)

- The business practice, supported by the OATT, says that you are effectively scheduling a transaction from LGEE to PJM, and proper accounting for this would be via a reservation from LGEE-PJM. The described scenario would have a detrimental impact on reliability because you could not properly account for the actual flow from LGE-PJM.
- We will further investigate this issue. Also, we invite the stakeholders to propose a Business Practice that addresses this issue. (David McNeill, ITO)

Reliability Overview (TVA)

- Statistics
- Process Enhancements

TVA was not present at the stakeholder meeting so this section was not covered.

Order 890 Highlights (Keith Yocum and Jennifer Keisling, EON)

How long do you have to decide on the pricing? (EKPC)

- When you sign the service agreement

For what purpose is the FERC allowing for conditional firm service? (Charlie Freibert)

- Essentially, the Commission is trying to allow for there to be more service available even if the Transmission Provider cannot provide for the requested service on a firm basis 100% of the time or when partial service can be provided on an interim basis before all upgrades are completed.

What is pre-confirmed? (EKPC)

- Essentially, it binds the customer to confirm the service if it is available. You select this option via a check box on OASIS.

Questions/Open Discussion

Can you provide more information on undesignating Network Resources under 890? (Charlie Freibert, EON)

- The Commission is allowing a transition period since there are Network resources that no longer qualify under the LD contracts. The customers can keep the NR until the end of the Power Purchase Agreement, but they will not be able to redesignate the resource.

Are the redispatch costs that are required binding? (Brent Ingebrigtsen, EON)

- No

System Impact Study Process (Edmundo Toro, ITO)

- Statistics
- Review of Open Issues
- Review of Study Criteria

Facilities Study Process (Keith Yocum, EON)

Impact of Order 890 on SIS Process (Keith Yocum and Jennifer Keisling, EON)

- Tariff Updates
- Clustering Studies
- Study Metrics
- Economic Studies

How is affiliate defined for the purposes of SIS? (Daryn Barker, EON)

- The T.O. is working under the assumption that the E.ON LSE will be considered an affiliate for the purposes of 890 SIS.

Is there a time frame for completing “Economic Studies”? (Daryn Barker, EON)

- There is no time limit specified.

Does the T.O. feel that “Economic Studies” under 890 replace the “FAS”? (Daryn Barker, EON)

- The T.O. believes these are different services because the “economic studies” are more focus toward congestion issues while the FAS process is more geared toward new load interconnections.

Business Practices (David McNeill, ITO)

- Revisions related to Order 890
- Stakeholder Input

Can the ITO develop a Business Practice related to scheduling for first-tier through another first-tier control area? (Daryn Barker, EON)

The ITO is working on a Business Practice related to this issue.

Questions/Open Discussion

Can additional information (Post-contingent flows, more detailed estimate description, etc.) be presented in the SIS report? (Daryn Barker, EON)

- Additional information is currently being provided in the SIS reports are requested at the Stakeholder’s Meeting.

Issues for discussion at next Stakeholder Meeting

- Business Practices updates.

DAY 3 - ITO LG&E/KU Network Operating Committee Meeting Minutes

8:30 – 11:30 AM EPT - May 24, 2007 - The Seelbach Hilton, 500 Fourth Avenue, Louisville, KY

Topics:

Operations

- Review of Open Issues
- Designation of NOC member/alternate
- Serving Switchable Load

Planning

- Data Requirements
- Overview of Study Criteria
- Load Forecast Data:

How can power be scheduled for switchable loads?

It is the ITO's understanding that affected parties will work together to resolve this issue.

Can the TO provide more clarification of what the load forecast data requirements are?
(EON LSE)

- The Stakeholders would like the ITO to develop a template/format of the load forecast data that will be required by the TO. The TO committed to developing a template and the ITO will distribute it to the stakeholders once it is complete.
- A meeting will be set up between the LSE and the T.O. in order to discuss the requirements of the load forecast data.
- The ITO offered to facilitate this meeting if it is required.
- EKPC requested to participate in this meeting so they can stay informed about the requirements.

Do NITS requests need to be rolled over? (Daryn Barker, EON)

- EON LSE needs some way to consolidate the NITS requests for each customer into one bulk requests in order to facilitate management.
- The ITO committed to researching this issue and providing EON with a response.
- Since the Stakeholder's Meeting, we have had several conference call to discuss this topic. We have determined that after a request has gone through the study process, the corresponding customer's service agreement will be updated to include the current request.

Can the TO and ITO provide some additional clarification on the SIS criteria? (Daryn Barker, EON)

- Daryn Barker committed to providing the TO with specific issues that he requires clarification on in relation to the SIS criteria.
- The ITO requested that they be copied in these communications.

What exactly is implied by the notification process in the SIS criteria? (Daryn Barker, EON)

- The “notification” clause in the criteria implies that the T.O. Planning and the ITO should be notified via e-mail.

When will conditional firm service be available and when will redispatch be available?
(Brent Ingebrigtsen, EON)

- Amendments will be made to the OATT by the FERC specified deadline. As far as the specifics of the changes that will be made as a result of Order 890 it would be better for you to consult the Legal counsel.

When will the ITO collect annual load forecast updates and how would the ITO like this information to be formatted?

This data will be required by September 1st of each year.

Miscellaneous:

- E.ON designated Charlie Freibert and Daryn Barker as the primary and alternate representative, respectively, on the Network Operating Committee.
- KMPA designated John Humphries and Dave Clark as the primary and alternate representative, respectively, on the Network Operating Committee.
- EKPC committed having some internal discussion and designating their primary and alternate representatives to the ITO via e-mail.
- The Stakeholder would like to increase the frequency of the NOC meetings in order to address outstanding issues.
- The ITO committed to facilitating these meetings in the future and will follow up with the stakeholders to discuss scheduling.

Attachment A – Sample Format of Annual Update of Load Forecast Data

Substation	Sub ID	PF	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Sub Name #1	456-1	98.3%	12.71	12.83	12.97	13.11	13.37	13.57	13.82	13.99	14.23	14.44	14.64	14.88	15.06	15.36
Sub Name #2	AK1	96.0%	45.8	46.2	46.9	47.6	48.4	49.3	50.2	50.9	51.9	52.8	53.7	54.6		

For the 2008 BCS series, we need 2009 spring, fall, shoulder and light load and 2010 spring and fall in addition to the normal summer and winter peak information for the next 15 years (through 2019).
For the off peak cases an indication if the station is constant (realatively) or not would be very helpful, if they can't provide a forecast