

Stakeholder Specified Infrastructure Description of Selection Process

The Planning Authorities originally provided a 2020 “Roll Up” case as one of the deliverable results from project DE-OE0000343. That case was based on the extensive analytical processes they currently engage in to develop regional transmission plans that will meet the reliability requirements, interconnection and transmission service requests, and economic and market enhancements. These regional plans are developed in accordance with Order 890 processes that each Planning Authority undertakes and that include the stakeholders in their areas. The Planning Authorities developed an integrated interconnection case for the year 2020 and evaluated the performance of the “Roll Up” infrastructure. A revised report on the case was provided to the stakeholders on November 19, 2010 and the 2020 “Roll-Up” case was described in a presentation to the Stakeholder Steering Committee (SSC) on its November 22, 2010 conference call.

Even though the “Roll-Up” case was a product of the combined Order 890 regional planning processes in the entire Eastern interconnection, the stakeholders expressed concerns over the status and “reasonable certainty” of commitment to build certain generation and transmission facilities that were projected to come into service in years 2016 through 2020 of the “Roll-Up” case. In addition, the stakeholders recognized that the Planning Authorities had utilized different criteria (assumptions, approval/commitment status, and definitions) for determining many of the projects (both transmission and generation) that were included in their individual Order 890 planning processes projects, which could not be easily reconciled by all the Planning Authorities involved. As a result, the SSC agreed to develop an alternative approach to determining what additional transmission and generation infrastructure would be included as the starting point for the macroeconomic analysis to be performed in Task 5 of the project.¹ The SSC adopted a two-step approach:

1. Define criteria by which transmission and generation additions from the Roll-Up case would automatically be included in the Stakeholder Specified Infrastructure. (The SSC refers to this as the “Baseline Infrastructure”.)
2. Develop and implement a process by which exceptions could be made to the criteria developed in step #1.

The criteria for inclusion were:

1. All generation and transmission that were due to be in-service prior to January 1, 2016 were automatically included.
2. All transmission less than 345kV and with an in-service date between 2016 and 2020 were automatically included.
3. All generation currently under construction with an in-service date between 2016 and 2020 were automatically included.

¹ As such, the resulting case and models developed based on the stakeholder specified infrastructure (or baseline infrastructure) will likely not be consistent or comparable with the analysis and results from the Order 890 regional planning processes.

The exception, or “challenge”, process was developed and implemented by the Eastern Interconnection States Planning Council (EISPC). Members of the EISPC presented projects for exception at a meeting on January 11, 2011. Exceptions could be projects that were included under the above criteria and should be excluded or projects that were excluded and should be included. Representatives of the SSC from each sector were invited to participate in the January 11th EISPC discussion.

All exceptions were presented and, if not adopted by consensus, were voted upon by the EISPC. The results of this effort were then presented to the full SSC during a conference call on January 18, 2011. Additional challenges to the decisions of the EISPC were made at this call and a consensus was reached by the SSC on how to respond to the challenge.

The attached tables and map illustrate the results of the stakeholder process. The tables provide the following breakdown, for both generation and transmission resources:

- Facilities Common to Both the Roll-Up case and the SSI case.
- Facilities removed from the Roll-up case as a result of the stakeholder process.
- Facilities added to the Roll-up case as a result of the stakeholder process.

The map shows existing transmission facilities and those facilities added for the SSI case. The SSC has identified this case as the “Baseline Infrastructure” for purposes of the development of scenarios through the EIPC process.

It should be noted that the SSI was prepared solely for the purpose of the analyses to be performed under the DOE project. The SSI differs in many respects from the additional resources that were included in the Roll-Up case prepared by the Planning Authorities in accordance with their respective Order 890 planning processes. The “Baseline Infrastructure” as determined by the SSC does not reflect, in its entirety, either the roll-up case, or the respective regional plans adopted by the Planning Authorities through their regional planning processes. Differences between the two reflect the different approaches utilized by the Stakeholder Steering Committee vs. the approaches to planning used by each of the regions pursuant to FERC Order 890 or relevant jurisdictional authorities.

As outlined in the EIPC Planning Authorities contract work scope submitted to the DOE, the EIPC process was always intended to provide information, developed on an interconnection-wide basis, which could then be considered and inform the respective Planning Authorities FERC Order 890 approved processes. Those regional processes remain the appropriate venue for subsequent consideration of the information developed through the EIPC process.