
Southeast Inter-Regional Participation Process

SIRPP Stakeholder Meeting
Charlotte, NC
July 10, 2008



Participating Transmission Owners

- Duke Energy Carolinas
- Dalton Utilities
- Entergy Operating Companies
- E.ON U.S.
- Georgia Transmission Corporation
- Municipal Electric Authority of Georgia
- PowerSouth Energy Cooperative
- Progress Energy Carolinas
- Santee Cooper
- South Carolina Electric & Gas
- South Mississippi Electric Power Assoc.
- Southern Companies
- Tennessee Valley Authority

Agenda

- Election of Stakeholder Chairperson
- Determination of Inter-Regional Economic Studies
- Review SIRPP 2008/9 schedule
- Develop Process for Inter-Regional Coordination of Economic Transmission Project Development

Stakeholder Chairperson

- A stakeholder elected member of the SIRPPSG will chair the SIRPPSG meetings and serve as a facilitator for the group by working to bring consensus within the group. In addition, the duties of the SIRPPSG chair will include:
 - 1. Developing mechanisms to solicit and obtain the input of all interested stakeholders related to inter-regional Economic Planning Studies.
 - 2. Ensuring that SIRPPSG meeting notes are taken and meeting highlights are posted on the SIRPP website (<http://www.southeastirpp.com>) for the information of the participants after all SIRPPSG meetings.

Stakeholder Chairperson Election

- No nominations received via the SIRPP website
- Nominations from the floor
- Vote
 - Voting will be conducted with each SIRPPSG member's organization represented at the meeting (either physically present or participating via phone) receiving one vote. The SIRPPSG chair will provide notices to the SIRPPSG members in advance of the SIRPPSG meeting that specific votes will be taken during the SIRPPSG meeting. Only SIRPPSG members participating in the meeting will be allowed to participate in the voting. No proxy votes will be allowed.

Determination of Inter-Regional Economic Studies

Inter-Regional Economic Studies

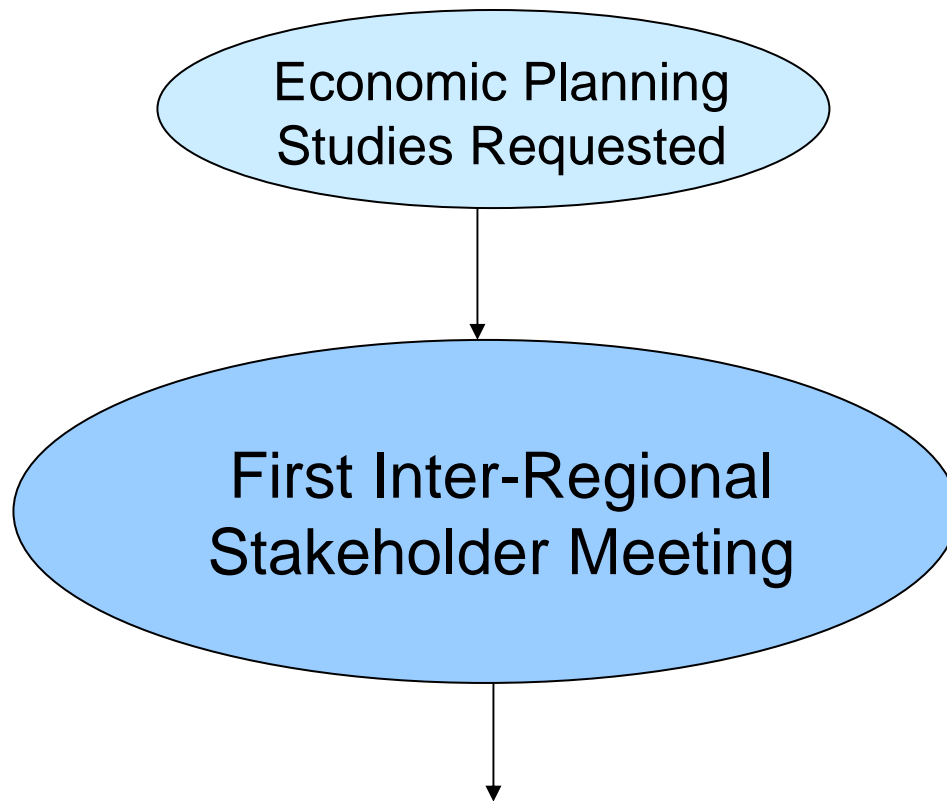
- Studies performed annually
 - Step 1 and/or Step 2 evaluations
- Step 1 evaluation
 - High level screening of requested transfer
 - Identifies constraints and potential improvements
 - Provides approximate costs and timelines
- Step 2 evaluation
 - Performed after Step 1 evaluation
 - Identifies specific transmission improvements
 - Provides detailed cost estimates and timelines



Study Coordination Team

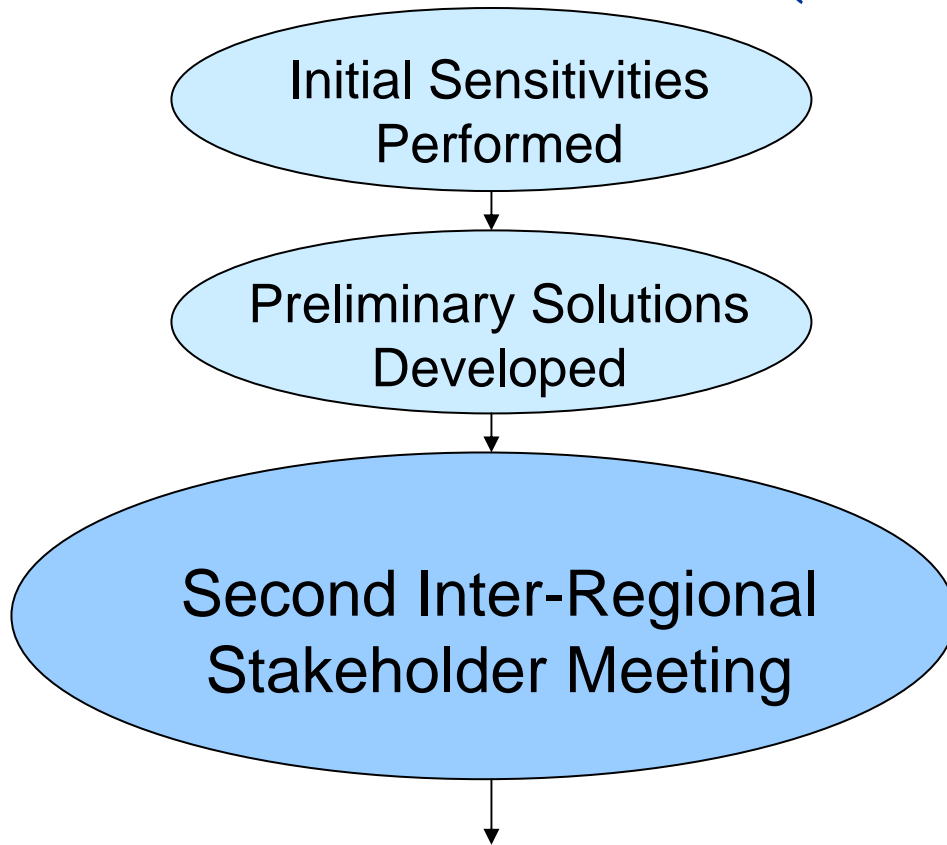
- Staffed by transmission planners from participating transmission owners
- Responsibilities
 - ❑ Lead the development of study assumptions
 - ❑ Coordinate with stakeholders and external processes
 - ❑ Perform model development
 - ❑ Perform analysis and prepare reports
 - ❑ Analyze stakeholder input

SIRPP Overview



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- Either directly or indirectly through regional process
 - Aggregate study requests
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- Receive any additional study requests
 - Select five studies
 - Coordinate study assumptions
 - Review regional data
 - Seek stakeholder input
 - Review SERC reliability assessment process
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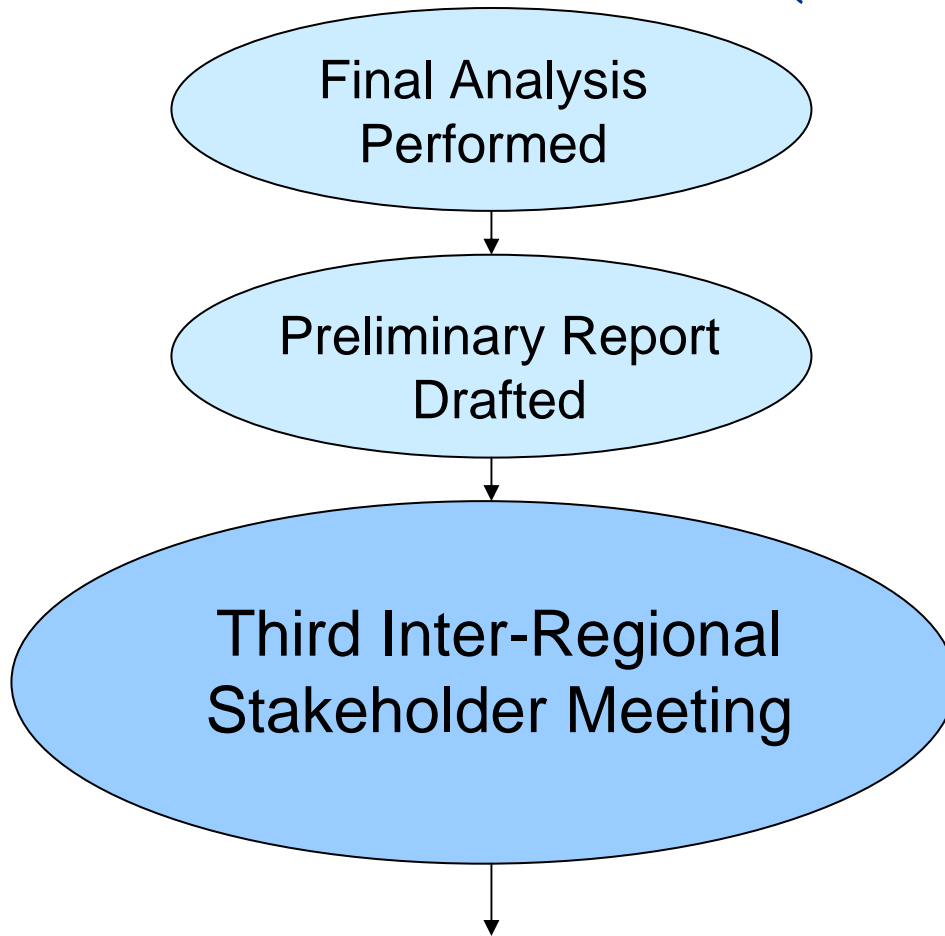
SIRPP Overview (Cont'd)



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- Study coordination team prepares initial analysis and develops potential solutions

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- Review preliminary study results and solution options
 - Seek stakeholder input on other solution options
 - Review any updates from SERC reliability assessment process

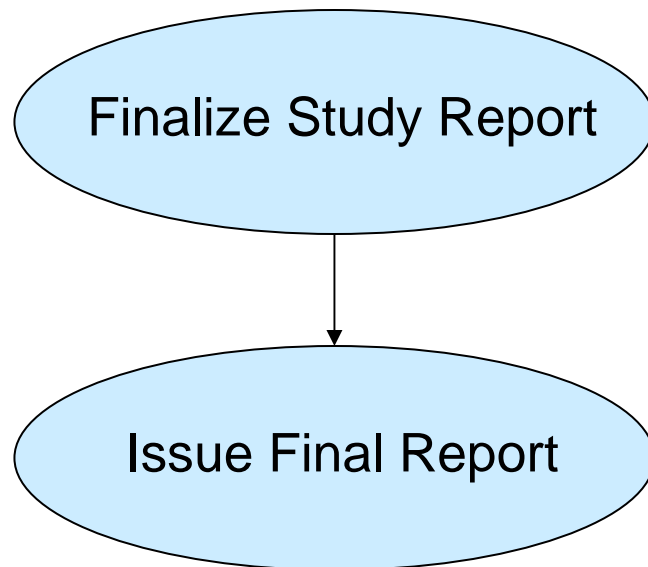
SIRPP Overview (Cont'd)



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- Study coordination team finalizes the analysis using input from stakeholders and drafts the Economic Planning Study reports

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- Review final study results
 - Seek stakeholder input on draft report
 - Review any updates from SERC reliability assessment process

SIRPP Overview (Cont'd)



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- Study coordination team edits and finalizes the study report and submits to stakeholders
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Determination of Economic Studies

- SIRPPSG members will propose and select the inter-regional Economic Planning Studies that will be performed during the SIRPP cycle.
- SIRPPSG will annually select up to five (5) inter-regional Economic Planning Studies, including both Step 1 evaluations and any Step 2 evaluations (Step 2 evaluations being performed for the previous years Step 1 studies).
- Each organization represented by their SIRPPSG members will be able to cast a single vote for up to five Economic Planning Studies that their organization would like to be studied within the SIRPP cycle.
- If needed, repeat voting will be conducted until there are clear selections for the five Economic Planning Studies to be conducted.

Stakeholder Requested Economic Studies

1.	Entergy to Southern/GTC	+ 300 MW
2.	Southern (AL Region) to Entergy	+ 200 MW
3.	Southern (AL Region) to PJM (via SC/SCEG)	+ 600 MW
4.	SPP (same as EES?) to Southern	+ 1000 MW
5.	MISO to Duke	+ 100 MW
6.	PJM to Atlanta, GA	2000 MW
7.	MISO to Atlanta, GA	2000 MW
8.	SPP to Atlanta, GA	20% RPS (AL/GA/MS)
9.	Duke to Atlanta, GA	1000 MW
10.	Gateway to Atlanta, GA	2000 MW
11.	GA ITS to Santee Cooper	600 MW
12.	GA ITS to SCEG	600 MW
13.	MISO to VACAR	3000 MW
14.	Southern to PJM (classic)	3000 MW
15.	PJM (classic) to Southern	3000 MW
16.	SPP to SERC/Southern Co	5000 MW

HVDC injections via 4-1,600 MVA stations at 500 kV nodes surrounding Atlanta metropolitan area. This sensitivity is being proposed to compliment the Joint Coordinated System Plan in process which identifies the opportunity for a 6,400 MVA 800 kV HVDC line from SPP to facilitate renewable energy deliveries to SERC/Southern Co for a potential 20% national RPS scenario



Economic Study Coordination

- Coordinate study assumptions
 - Study Year (2014)
- Review regional data
 - 2008 series SERC LTSG cases
- Stakeholder input on study assumptions



SIRPP 2008/9 schedule

SIRPP 2008/2009 Schedule

- April, 2008- Stakeholders Organizational Meeting
- July, 2008
 - Meeting 1-Stakeholders meet to finalize selection of Economic Studies to be run and to coordinate on study assumptions.
- January, 2009
 - Meeting 2-TO's and Stakeholders meet to review preliminary study results with Stakeholders
- May, 2009
 - Meeting 3 - TO's and Stakeholders meet to review final study results and draft report with Stakeholders
- June, 2009- TO's issue final report to Stakeholders
- July, 2009- Begin 2009 study process



Inter-Regional Coordination of Economic Transmission Project Development



Inter-Regional Coordination of Economic Transmission Project Development

- Once an Economic Planning Study report has been finalized, multiple stakeholders may be interested in jointly participating in the project development.
- An Inter-Regional process addressing each such economic upgrade request will be developed that will formalize the process of determining if there is sufficient stakeholder interest to pursue economic project development and the coordination that will be required of the impacted Transmission Owners to support this process.



Questions