

South Carolina Regional Transmission Planning

Regional Process

EIPC/EISPC Meeting

Web Conference

November 3 , 2016

SCRTP Regional Plan



SCRTP Process

- **Elect Sector Voting Members**
- **Review, discuss and receive input from the stakeholder group on the current transmission expansion plans**

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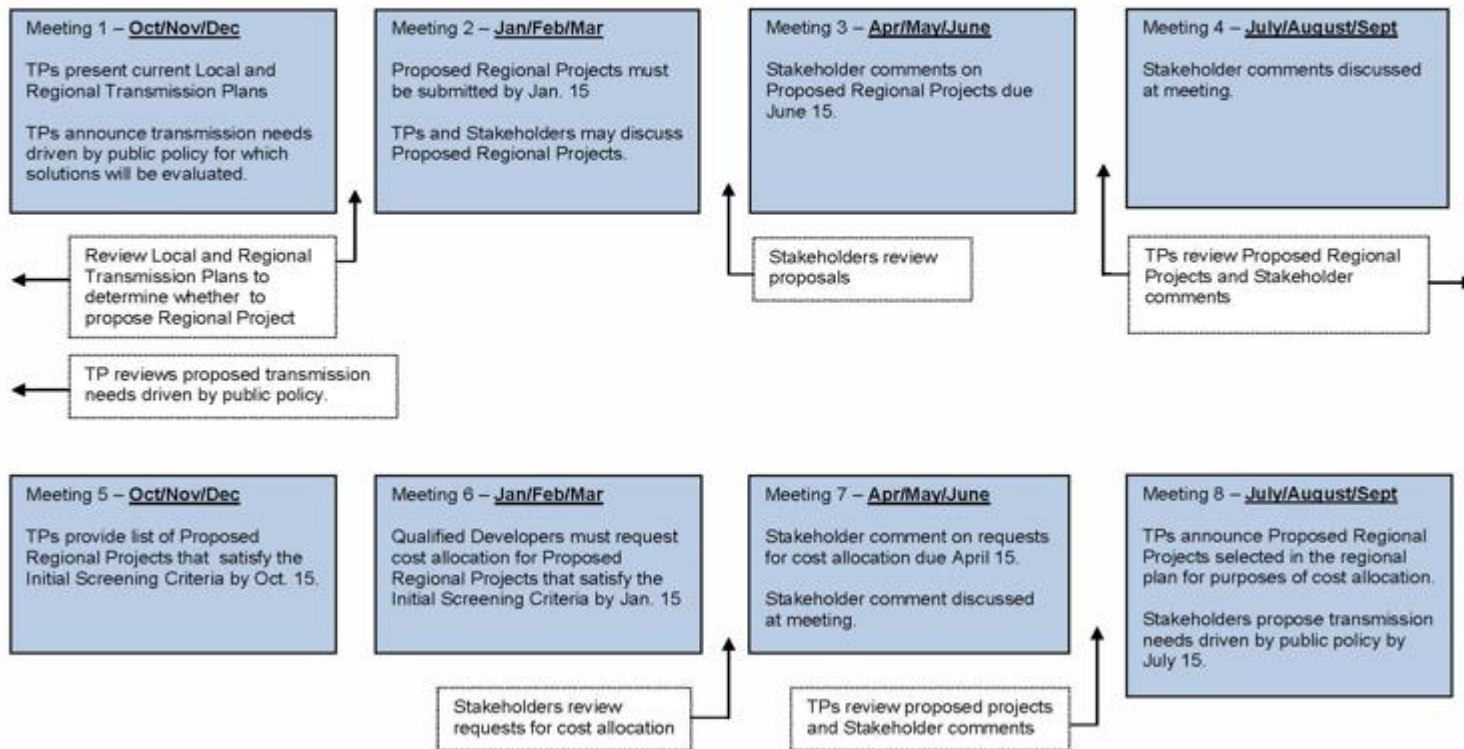
SCRTP Process (Cont)

- Review, discuss and receive input from the stakeholder group on Key Assumptions and Data for the next Planning Cycle
- Review and discuss Inter-regional assessment studies



SC RTP Regional Plan

Appendix K-4
Timeline for Regional Transmission Planning



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Regional Projects

- **Operating voltage of proposed project is 230kV +**
- **Beneficial to more than one system in the region**
- **Must not be an upgrade to an existing facility**
- **Qualified Developer must secure own ROW**
- **Materially different from existing projects in Local Transmission Plan or Regional Transmission Plan**
- **Any entity may propose a Regional Project for consideration**
- **No projects are currently in the Regional Plan**

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Regional Project Submittals

- **Proposed project must meet TP's Initial Screening Criteria to be considered for cost allocation**
- **Proposal must be submitted without any deficiencies by January 15th of the first year of the SCRTP planning cycle**
- **Proposal must be accompanied by a \$25,000 deposit**
 - **Transmission Provider will refund the difference between the deposit and the study cost**
 - **The charge will not exceed the cost of the study**
 - **Transmission Provider will provide a detailed and itemized accounting of the study costs**

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Regional Plan

- **Analysis will be performed to determine potential reliability impacts to other transmission planning regions**
- **Developers to provide periodic project updates**
- **Impacted Transmission Providers may complete or propose alternate projects if a Regional Project is abandoned**
 - **A mitigation plan may be required if abandoned project would result in a compliance violation**

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Planning Studies

- **Reliability Studies**
- **Economic Studies**
- **Public Policy Studies**

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Reliability Studies

- **Transmission Provider's transmission expansion plans**
 - **Solicit Stakeholder input**
- **Stakeholder proposed plans**

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Economic Studies

- **Stakeholders select up to 5 studies per planning cycle**
- **Transmission Providers perform studies and report results**
 - **Impacted facilities**
 - **Solution options**
 - **Cost and time estimates**

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Public Policy Projects

- **Proposal must be described in sufficient detail to allow the Transmission Provider to study the proposal**
- **Transmission Provider will evaluate proposals**
 - **Feasibility of addressing the potential need**
 - **Extent to which proposal addresses other potential needs**
 - **Factual basis supporting potential need**

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Cost Allocation Submittal Requirements

- **More Cost-efficient versus projects identified in Transmission Provider's individual Local Transmission Plans or the Regional Transmission Plan**
- **Qualified Developer Eligibility**
 - **Financial Criteria**
 - **Technical Expertise**

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Evaluation of Cost Allocation Proposals

- **Transparent and not unduly discriminatory process**
- **Evaluated by Transmission Providers in consultation with Stakeholders in accordance with CEI requirements**
- **Evaluated by Transmission Providers utilizing respective planning criteria and guidelines, and Stakeholder comments**
- **Must yield a regional benefit to cost ratio equal to or greater than 1.25 versus alternatives and must not have an unmitigated adverse impact on reliability**

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Evaluation of Cost Allocation Proposals

- **Evaluates the following:**
 - **Does the proposed Regional Project address a transmission need**
 - **Are any additional projects, or changes to other planned projects (local or regional) required due to the project**
 - **The technical and operational feasibility of the proposal**

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Evaluation of Cost Allocation Proposals

(cont)

- **Evaluates the following:**
 - **Operational benefits/constraints or issues**
 - **Whether the project can be constructed and integrated into the transmission system(s) by the required in service date**

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Merchant Transmission Developers

- **Not required to participate in SCRTP regional process**
- **In order to construct, own, operate, and maintain facilities:**
 - **Must meet all applicable regulatory requirements**
 - **Must meet Transmission Provider's facility connection requirements**

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Questions