

Interregional Transmission Planning Coordination Guidelines for NTTG

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I. Introduction to the Interregional Transmission Planning Coordination Guidelines for NTTG

NTTG has prepared these Interregional Transmission Planning Coordination Guidelines ("IR Guidelines") to support its internal activities with respect to interregional coordination. These IR Guidelines are intended to assist NTTG in satisfying the requirements of the "*Western Interconnection – Order No. 1000 Interregional Compliance Filings*" ("Common Tariff Language"), as formally accepted by the Federal Energy Regulatory Commission ("FERC") on June 1, 2015.

While these guidelines were developed as a result of collaboration with the other Western Planning Regions, they are intended only to support and guide NTTG's efforts and process for coordinating its interregional activities with the other Western Planning Regions. As such, changes to these IR Guidelines will be subject only to any changed processes of NTTG. However, NTTG will notify the other Western Planning Regions prior to making any changes to these IR Guidelines in order to facilitate interregional coordination as outlined herein.

II. Interregional Coordination

NTTG and others in the Western Planning Region are expected to coordinate certain activities, including the sharing of planning data and information developed during their respective regional planning processes. A schedule of key coordination activities is described in Appendix 1.

A. Annual Interregional Coordination Meeting

Each individual planning region within the Western Planning Regions has agreed to take turns hosting the Annual Interregional Coordination Meeting ("Annual Meeting"), and will seek to convene such meeting in February, but not later than March 31st. A Host Schedule for the Annual Meeting is provided in Table 1.

Table 1: Annual Meeting – Proposed Host Schedule

Year	Host
1 (2016)	WestConnect
2	ColumbiaGrid
3	California ISO
4	NTTG
Repeat Cycle	WestConnect

A meeting notification will be issued by NTTG no less than 45 calendar days prior to the meeting date. NTTG will make reasonable efforts to post details regarding the Annual Meeting, for example the meeting agenda and presentations, on the NTTG website no less than 7 days prior to the meeting, to the extent such information is available. The host is expected to assume responsibility for making available, for distribution and posting by NTTG, a summary of all decisions and action items made during the Annual Meeting.

Prior to the Annual Meeting, the host is expected to schedule a time with the contacts identified in Planning Regions’ Designated Communication Portals to discuss an agenda, meeting logistics, and how shared information (e.g., ITP submissions, identified regional needs, other Annual Interregional Information) will be presented.

In a manner consistent with the Annual Regional Information Exchange provisions of each Transmission Provider's Tariff, NTTG will share, or otherwise make available to the other Western Planning Regions, the types of regional planning data and information ("Annual Interregional Information"), as shown in Table 2 below, no less than 21 days prior to the Annual Meeting:

Table 2: NTTG Annual Interregional Information

Year 1 Annual Interregional Information	Year 2 Annual Interregional Information
<ul style="list-style-type: none"> • NTTG’s prior cycle Regional Transmission Plan 	<ul style="list-style-type: none"> • NTTG’s Draft Regional Transmission Plan
<ul style="list-style-type: none"> • NTTG’s prior cycle Biennial Study Plan 	<ul style="list-style-type: none"> • Current cycle’s approved Biennial Study Plan and updates, to the extent available
<ul style="list-style-type: none"> • Current cycle’s Biennial Study Plan assumptions, to the extent available, including updated load, resource and transmission submissions 	<ul style="list-style-type: none"> • List of submitted ITP’s that satisfied the NTTG submission and information requirements

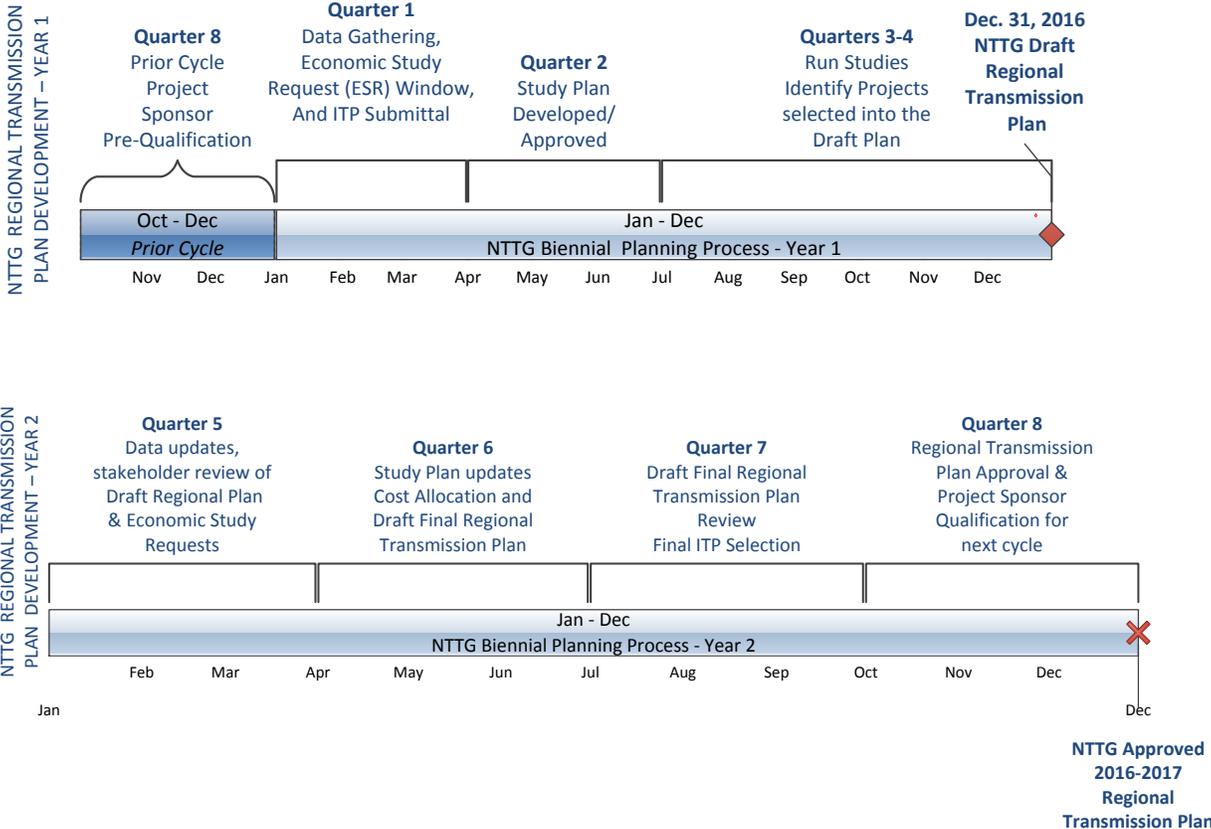
B. Planning Data and Information Exchange

NTTG will share (e.g., make available by posting on its website or otherwise provide to each of the other Planning Regions) planning data and information at various times, during its planning cycle, when such information is made available for review and comment by others (i.e. to stakeholders and other entities not participating in NTTG activities). The data and information may include, but is not limited to, NTTG’s study plans, regional reliability study results, economic

and public policy assessments, project information and its most recent Regional Transmission Plan.

NTTG will confer with, and may also seek to coordinate planning data and assumptions with, the other Western Planning Regions as it executes its regional transmission planning process. A timeline of the NTTG regional planning process is illustrated in Figure 1.

Figure 1: NTTG Regional Planning Timeline



Specifically, NTTG anticipates the following regional planning data and information, as shown in Table 3 below, will be available to share with the other Western Planning Regions, subject to and consistent with NTTG’s processes and procedures for CEII and non-public data collection and sharing:

Table 3: Regional Planning Data and Information that NTTG may share with the other Western Planning Regions, to the extent such is available:

Regional Planning Data or Information	Approximate Date of Availability
NTTG Annual Interregional Information	Q1 & Q5 - Feb
List of ITP's submitted to NTTG for evaluation	One week following March 31, Year 1
List of submitted ITP's that satisfied the NTTG submission and information requirements	Q2 - April
NTTG Draft Biennial Study Plan	Q2 - June
NTTG approved Biennial Study Plan	Q3 - July
Change case files used to modify WECC base cases and create NTTG's powerflow and PCM base cases	Q3 - September
Impacts, if any, of projects under consideration for NTTG's Draft Regional Transmission Plan on neighboring planning regions systems	Q3-Q4
Preliminary assessment of an ITP's selected in NTTG's Draft Regional Transmission Plan and their draft benefits to NTTG to determine cost assignment for regional evaluation purposes	Q4
Draft Regional Transmission Plan	Q4 - December
Updates to the NTTG Biennial Study Plan resulting from Q5 data submittals	Q6 - April
Identification of ITPs selected by NTTG for inclusion in its Regional Transmission Plan for the purposes of cost allocation with benefits estimation	Q7 - September
NTTG Draft Final Regional Transmission Plan, including cost allocation	Q7 - September
Approved Regional Transmission Plan	Q8 - Dec

Any sharing of its regional planning data and information by NTTG will be accomplished in the normal course of conducting its regional planning activities by posting it to the NTTG website or other designated location. NTTG will undertake reasonable efforts to notify the contacts, identified in Planning Regions' Designated Communication Portals, of the availability of any planning data and/or information that has been posted.

NTTG will seek to obtain the following regional planning data and information, as shown in Table 4 below, from the other Western Planning Regions during the times within its regional planning cycle that such data can be usefully incorporated together with its own regional planning information in order to conduct its regional planning activities.

Table 4: Regional Planning Data and Information NTTG will seek from the other Western Planning Regions

Regional Planning Data or Information	Approximate Date Needed
Annual Interregional Information	Q1-Feb and Q5

Regional Planning Data or Information	Approximate Date Needed
List of ITPs submitted to other Western Planning Regions for evaluation	1 week following March 31, Year 1
Base case modeling assumptions (e.g. planning horizon, WECC base cases to be used, resource assumptions for neighboring regions)	Q2
Impacts to NTTG's system from neighboring planning regions	Q5
Firm-planned regional transmission projects, including ITPs	Q5
ITP benefit assumptions	Q6
Final ITP allocations and plans	Q8

NTTG may request the information, outlined in Table 4, via email to the contacts identified in Planning Regions' Designated Communication Portals.

C. Communication among the Planning Regions

At the occurrence of an event giving rise to the need to receive feedback from other Planning Regions, NTTG will solicit data or information from other Planning Regions, by email or email notice, sent to the contacts identified in the Western Planning Regions' Designated Communication Portals. The transmittal to the other Planning Regions should identify:

1. Whether a response is needed, details of what should be responded to and a requested response date;
2. Where and how to access additional information, if it is located on the NTTG's website;
3. A request, if any, to schedule a meeting/webinar to discuss the information; and
4. Contact information for the specific individual who is to receive the requested information, if a response is due to someone other than the person identified in NTTG's Communications Portal.

When receiving requests from other planning regions, NTTG will attempt to respond within the timeframes stated in such requests or notify the requestor when such information can be provided. Upon receipt of information from another planning region, NTTG will give due consideration to the responses, in accordance with its regional and interregional planning process.

NTTG recognizes that, from time to time, a meeting/webinar may be needed in order for a planning region to be able to respond to requests from other

planning regions. It is NTTG's expectation that the recipient of the request who requires the meeting/webinar is responsible for requesting such meeting/webinar and should make arrangements for and host any such requested meeting/webinar. Such meetings/webinars, if held, should include the members of the planning regions as are needed for such a discussion.

III. ITP Evaluation Process

Within a reasonable amount of time, and preferably no later than 7 days following the ITP submittal deadline of March 31 of an even numbered calendar year, NTTG will notify the planning regions, through their Designated Communication Portals, of all ITP proposals that have been received, and will arrange for the coordination and joint evaluation of ITPs, as appropriate. NTTG will participate, as required, in the ITP evaluation process, at least until such time as NTTG determines that the ITP has not been selected in NTTG's regional plan as a more efficient or cost effective alternative. As a participant in the ITP evaluation process, NTTG acknowledges that it may be helpful to incorporate one or more of the following elements in the ITP evaluation process, or cooperate with others in doing so, in order to make the ITP evaluation process most effective:

1. Select a lead region for the coordination efforts;
2. Develop and post an ITP evaluation process plan which may include common study assumptions, data, methodologies, cost assumptions and a schedule for the regional evaluation and potential selection of an ITP; reasonable efforts will be made to post any such plan no later than 75 days following the ITP submittal notification deadline; and
3. Meet, as identified in the plan, or as needed during the evaluation process.

IV. Designated Communication Portals

The information contained in Table 5 has been gathered from various participants in the Western Planning Region, and it identifies a designated communication portal address and a point of contact for each of the planning regions indicated below.

Table 5 - Designated Communication Portals/Contacts

Planning Region	Interregional Planning Web Page	Provide Information/Comment	Receive Planning Region Notifications & Information	Interregional Coordination Contact
California ISO	http://www.caiso.com/planning/Pages/InterregionalTransmissionPlanning/default.aspx	Regionaltransmission@caiso.com	http://www.caiso.com/informed/Pages/Notifications/MarketNotices/MarketNoticesSubscriptionForm.aspx	Gary DeShazo gdeshazo@caiso.com 916-608-5880
ColumbiaGrid	https://www.columbiagrid.org/O1000Inter-overview.cfm	Order1000@columbiagrid.org	http://www.columbiagrid.org/interested-persons.cfm	Paul Didsayabutra Paul@columbiagrid.org (503) 943-4956
NTTG	http://www.nttg.biz/site/index.php?option=com_content&view=category&layout=blog&id=569&Itemid=136	info@nttg.biz	info@nttg.biz	Sharon Helms Sharon.Helms@ComprehensivePower.org 503-644-6262
WestConnect	http://www.westconnect.com/planning_order_1000_stakeholder_process.php	info@WestConnect.com	info@WestConnect.com	Charlie Reinhold Reinhold@ctcweb.net (208) 253-6916

Appendix 1¹

Even-Odd Year Interregional Coordination and ITP Evaluation	
Objective	Target
1. Distribute and post Meeting Notification to Stakeholders	45 days prior to Annual Coordination Meeting (See §2A)
2. Post and share Annual Interregional Information	21 days prior to Annual Coordination Meeting (See §2A)
3. Engage in discussion about how shared information (regional needs) will be presented	After posting of the Annual Interregional Information and prior to posting the Annual Coordination Meeting materials (See §2A)
4. Post meeting agenda and presentation materials	7 days prior to the Annual Coordination Meeting. (See §2A)
5. Annual Coordination Meeting	Sometime between February 1 st and March 31 st . (See §2A)
6. ITP Submittal Deadline	The common ITP submittal deadline for all Regions is no later than March 31 of every even numbered calendar year. (See § 3)
7. Notify applicable Planning Regions of need to confer on any ITP proposals that may have been submitted	No less than 7 days following the ITP submittal deadline of March 31 of an even numbered calendar year (See §3)
8. Resolve ITP data submittal deficiencies, if any	Each region will follow its regional process and notify the other Relevant Planning Regions if deficiencies are not resolved.
9. Develop and post an ITP evaluation process plan, which may include common study assumptions, data, methodologies, cost assumptions and a schedule for determining the selection of an ITP	No later than 75 days following the ITP submittal deadline. (See §3.2)
10. Ongoing coordination of planning data and assumptions, including potential ITP benefits	Per milestones as may be developed and posted in the ITP Evaluation Process Plan, but no later than December 31 of each odd number calendar year
11. Final determination of ITP selection ²	Per the ITP Evaluation Process Plan, but no later than December 31 of each odd numbered calendar year

¹ This document is for discussion purposes only and does not supplement or modify any procedure or process contained in any entity's filed OATT (including Attachment K to such tariff) or other filed rate schedule. To the extent that anything herein is inconsistent with any entities OATT or filed rate schedule, such OATT or other filed rate schedule shall control.

² Depending on each regional process, the completion of ITP determination may go beyond this date, due to various factors such as a reevaluation process