



Western Planning Regions Order 1000 Interregional Coordination Procedures

Stakeholder Meeting

Westminster, Colorado

August 18, 2015



Welcome & Introductions

Charlie Reinhold,
WestConnect Project Manager



Agenda for Today

- Status of Interregional Development Efforts
- Order 1000 Interregional Process Narrative
- ColumbiaGrid Interregional Coordination
- Remaining Issues & Work to be Done
- Stakeholder Comments



Status of Interregional Development Efforts

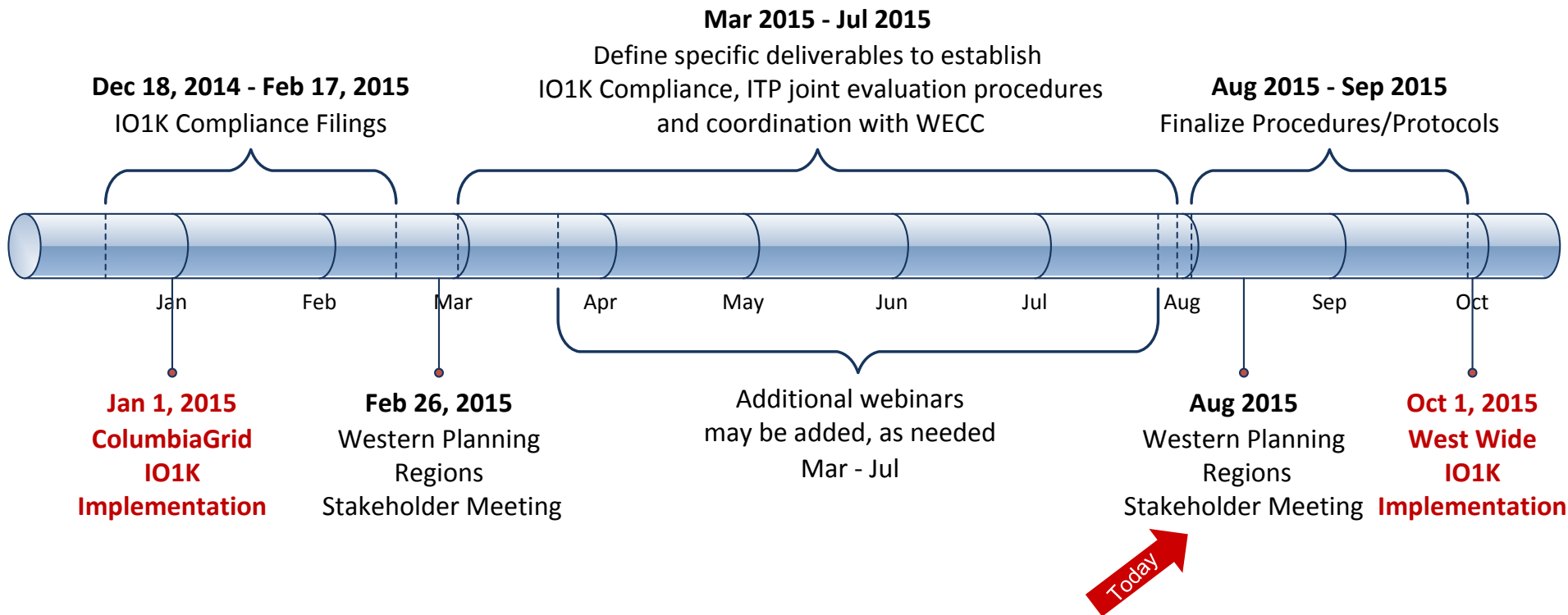
Charlie Reinhold, WestConnect



Interregional Order No. 1000 Compliance

- Western Interconnection Order 1000 Interregional Compliance Filings (“Common Tariff Language”) were formally accepted by FERC on June 1, 2015
- CAISO, NTTG, and WestConnect must be compliant with FERC’s final order by October 1, 2015
- ColumbiaGrid’s effective date for Interregional Order 1000 is January 1, 2015
- There are no further compliance filings required by FERC

Interregional Order No. 1000 Implementation and Stakeholder Input



Interregional Development Efforts

- February 26 - Western Planning Regions presented possible approaches for addressing compliance requirements with outcomes:
 - Define specific deliverables needed to implement compliance
 - Develop further definition of process for Joint Evaluation of ITPs
- June 25 – Western Planning Regions presented “decision points” to provide current thinking on interregional transmission planning coordination procedures
- Some Western Planning Regions members raised concerns that procedures go beyond Common Tariff Language requirements
- California ISO, NTTG, and WestConnect propose the “Interregional Transmission Planning Process Narrative” to provide the “detail” necessary to facilitate a broader understanding of interregional coordination implementation within their regions
- ColumbiaGrid proposes “ColumbiaGrid Interregional Coordination Information Package” to provide the “detail” necessary for their region



Order 1000 Interregional Transmission Planning Process Narrative

Approach to Interregional Coordination

Gary DeShazo, CAISO

The Planning Regions will engage in certain activities for interregional coordination

- Coordinate and share the results of each transmission planning region's regional transmission plans to facilitate the identification of possible ITPs that could address regional transmission needs more efficiently or cost effectively than separate regional transmission facilities
- Evaluate transmission projects that are proposed as an ITP to be located in two or more transmission Planning Regions
- Exchange, at least annually, planning data and information
- Facilitate the communication and exchange of planning data and information related to regional planning processes and the proposal of any ITP to at least two Relevant Planning Regions.

Approach to coordination among the Planning Regions

- Coordination among the Planning Regions
- Regional Data Coordination and Sharing Process
- Coordinated Technical Data
- Annual Interregional Information Exchange
- Annual Interregional Coordination Meeting

Approach to coordination among the Planning Regions

- Actively engage to promote exchange and coordination of planning data and information
 - Regional study plans and transmission plans
 - Regional analysis and assessment results
- Hold technical meetings as needed to assist in sharing of planning data and information and coordination and joint evaluation of ITPs
- Confer on matters relating to coordination and selection of power flow and economic grid simulation base cases
- Confer on matters related to ITPs and ITP-related planning data and information specific to each Planning Region

Approach to regional data coordination and sharing

- The Planning Regions should coordinate and exchange planning data and information among themselves
- Will continue to participate in and support the existing data collection and power flow base case development processes currently in place at WECC
- As the regions individually modify and update WECC cases for their individual planning purposes, they should provide their change information to the other Regions
- Will engage a “hand-shake” communication routine to ensure all regions are aware of data changes and errors

Base Cases will be used to Coordinate Technical Data

- The goal of the Planning Regions is to achieve consistent planning assumptions and technical data through the coordination of base cases
- The Regions will identify and agree on a “common” set of WECC base cases (power flow and production cost model)
- A Region may use as many of these cases as it deems appropriate for its regional planning process
- Each Region will provide corrected/updated electrical models through change files to each other Region
- A Region may modify its regional cases, as appropriate, using the change files provided
- The final regional bases cases will be posted consistent with the regional planning processes and procedures for CEII data collection and sharing

Approach to an annual exchange of interregional information

- Each Planning Region will exchange information throughout its established planning process
 - Study plans, reliability/economic/policy results, project information and transmission plans
 - Each Region will seek input from, or provide information to, the other Regions at the same time it does so with its own stakeholders
- Each Region will post Annual Interregional Information prior to the Annual Interregional Coordination Meeting
- Communication among regions
 - Designated communication portals
 - “Hand shake” communication routine for review/comment

Annual Interregional Meeting

- To be held no later than March 31 each year, target February
- The Western Planning Regions will rotate hosting the Annual Meeting
 - 2016 - WestConnect
 - 2017 - ColumbiaGrid
 - 2018 - CAISO
 - 2019 - NTTG
- Topics may include:
 - Annual Interregional Information, coordination activities
 - Identification and preliminary discussion of interregional and conceptual solutions
 - Status updates of ITPs being evaluated or previously included in a Region's regional transmission plan

Annual Interregional Meeting, cont.

- Open stakeholder meeting
- Presentations by stakeholders with prior approval of the Regions are permitted
- Decisions and action items will be provided
- Stakeholder comments will be accepted following the meeting



Order 1000 Interregional Transmission Planning Process Narrative

Approach for ITP Submission, Coordination and Joint Evaluation

Sharon Helms, NTTG

Approach for ITP Submission, Coordination and Joint Evaluation

➤ ITP Submission

- For the Regions to consider an ITP, it must be submitted to each Relevant Planning Region (RPR) no later than March 31st of any even-numbered calendar year
 - A proponent must follow the submittal process established by each RPR, and
 - In its submittal, the proponent must include a list of all RPR's to which the project was submitted
- Each RPR will determine if the ITP data is properly submitted in accordance with its regional planning process
- An ITP may be proposed during the Annual Interregional Coordination Meeting, but to be considered by the Regions is must be properly submitted to at least two RPRs as described above

Approach for ITP Submission, Coordination and Joint Evaluation

➤ ITP Joint Evaluation

➤ Joint Evaluation Coordination Meetings

- Each RPR will participate in order to share and discuss planning data and information relevant to the ITP
- Differences in data will be considered and if possible, resolved. The RPRs will document the differences, whether resolved or not, in their regional plan assessments.
- These meetings are for the benefit of the subject matter experts from each RPR responsible for evaluating the ITP

➤ ITP Evaluation

- ITP Evaluation will be conducted within the individual regional planning processes
- Stakeholders will have an opportunity to participate in the joint evaluation process in accordance with the provisions of the regional planning processes

Interregional Cost Allocation

➤ Eligibility

- An ITP must be submitted to, and request Interregional Cost Allocation from each RPR in accordance with the ITP submission requirements

➤ Process

- A RPR will only be allocated costs attributable to the ITP if the ITP is selected in that RPR's regional transmission plan
- To determine if a properly-submitted ITP is to be selected by a Region in its regional plan, each Relevant Planning Region will use what its regional cost allocation would be, based on its pro rate share of projected ITP costs
- Each RPR will notify other RPRs if an ITP will not meet any of its regional transmission needs
- A “reevaluation” of costs will occur as many times as necessary until all ITP costs are allocated to at least two RPRs
- If there are less than two RPRs, the ITP is no longer eligible for Interregional Cost Allocation

Opportunities for Stakeholder Input

- Via participation in the regional planning processes of each Planning Region
- Designated Communication Portals for each Region:
 - [CAISO Interregional Transmission Planning Page](#)
 - [NTTG Interregional Transmission Planning Page](#)
 - [WestConnect Order 1000 Planning Activities](#)
- Annual Interregional Meetings



ColumbiaGrid Interregional Coordination

Patrick Damiano, ColumbiaGrid
Paul Didsayabutra, ColumbiaGrid



Meeting wrap-up and next steps

Charlie Reinhold, WestConnect



Stakeholder Comment Window

Comments may also be submitted by email to regionaltransmission@caiso.com through September 1, 2015



Thank You