



Interregional Transmission Project (ITP) Evaluation Plan Update

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2022-2023 Interregional Transmission Projects Stakeholder Call
June 13, 2022

Instructions for raising your hand to ask a question

- If you are connected to audio through your computer or used the “call me” option, select the raise hand icon  located on the top right above the chat window. **Note:** #2 only works if you dialed into the meeting.
 - Please remember to state your name and affiliation before making your comment.
- If you need technical assistance during the meeting, please send a chat to the event producer.
- You may also send your question via chat to either Elizandra Casillas or to all panelists.

CAISO Stakeholder Meeting/Call on Evaluation Plans

- The objective of this stakeholder call is to go over the evaluation plans for the interregional transmission projects submitted into the 2022-2023 open window

The 2022-2023 biennial interregional coordination cycle began on January 1, 2022

- The WPRs coordinate implementation of each IC cycle
 - Interregional Coordination and ITP Evaluation Schedule (*Posted*)
 - ITP Project Submittal Information (*Posted*)
- Conduct a biennial “open window” for ITP submittals that closes on March 31 or every even numbered year (*Complete*)
- Host an annual IC stakeholder meeting in February to share regional transmission plans and seek stakeholder input (*Complete - held on March 4th, 2022*)
- Relevant Planning Regions coordinate the development of ITP Evaluation Plans (*In progress*)

Summary of Q1 2022 ITP submittals

Project Name	Company	Project Submitted to	Relevant Planning Regions	Cost Allocation Requested From	Description	In Service Date
North Gila – Imperial Valley #2 (NGIV2)	NGIV2, LLC	CAISO, WC	CAISO, WC	CAISO	500 kV line from North Gila to Imperial Valley with 500/230 kV Connection to IID system at new Dunes substation	2026
SWIP-North	Great Basin Transmission LLC	CAISO, NG	CAISO, NG	CAISO, NG	Midpoint to Robinson Summit 500 kV line	2025
Del Norte HVDC Transmission Collector	Premium Energy Holdings, LLC	CAISO	CAISO	Not requested	HVDC project to connect Del Norte area in the Pacific Ocean to Pittsburg substation.	2035
Humboldt HVDC Transmission Collector	Premium Energy Holdings, LLC	CAISO	CAISO	Not requested	HVDC project to connect Humboldt area in the Pacific Ocean to Potrero substation.	2030
Cape Mendocino HVDC Transmission Collector	Premium Energy Holdings, LLC	CAISO	CAISO	Not requested	HVDC project to connect Cape Mendocino area in the Pacific Ocean to Moss Landing substation.	2040
Diablo Canyon HVDC Transmission Collector	Premium Energy Holdings, LLC	CAISO	CAISO	Not requested	HVDC project to connect Diablo Canyon call area in the Pacific Ocean to Diablo Canyon substation.	2030
Morro Bay HVDC Transmission Collector	Premium Energy Holdings, LLC	CAISO	CAISO	Not requested	HVDC project to connect Morro Bay call area in the Pacific Ocean to Morro Bay substation.	2030

All WPRs are consistent in how they address ITPs within their Order 1000 regional processes

- The ITP must electrically interconnect directly with at least two Order 1000 planning regions
- While an ITP may connect two Order 1000 planning regions outside of the ISO, the ITP must be submitted to the ISO before it can be considered in the CAISO's transmission planning process
- When a sponsor submits an ITP into the regional process of an Order 1000 planning region it must indicate whether or not it is seeking cost allocation from that Order 1000 planning region
- Without regard to a request for cost allocation, when a properly submitted ITP is successfully validated, the two or more Order 1000 planning regions that are identified as Relevant Planning Regions are then required to assess the ITP

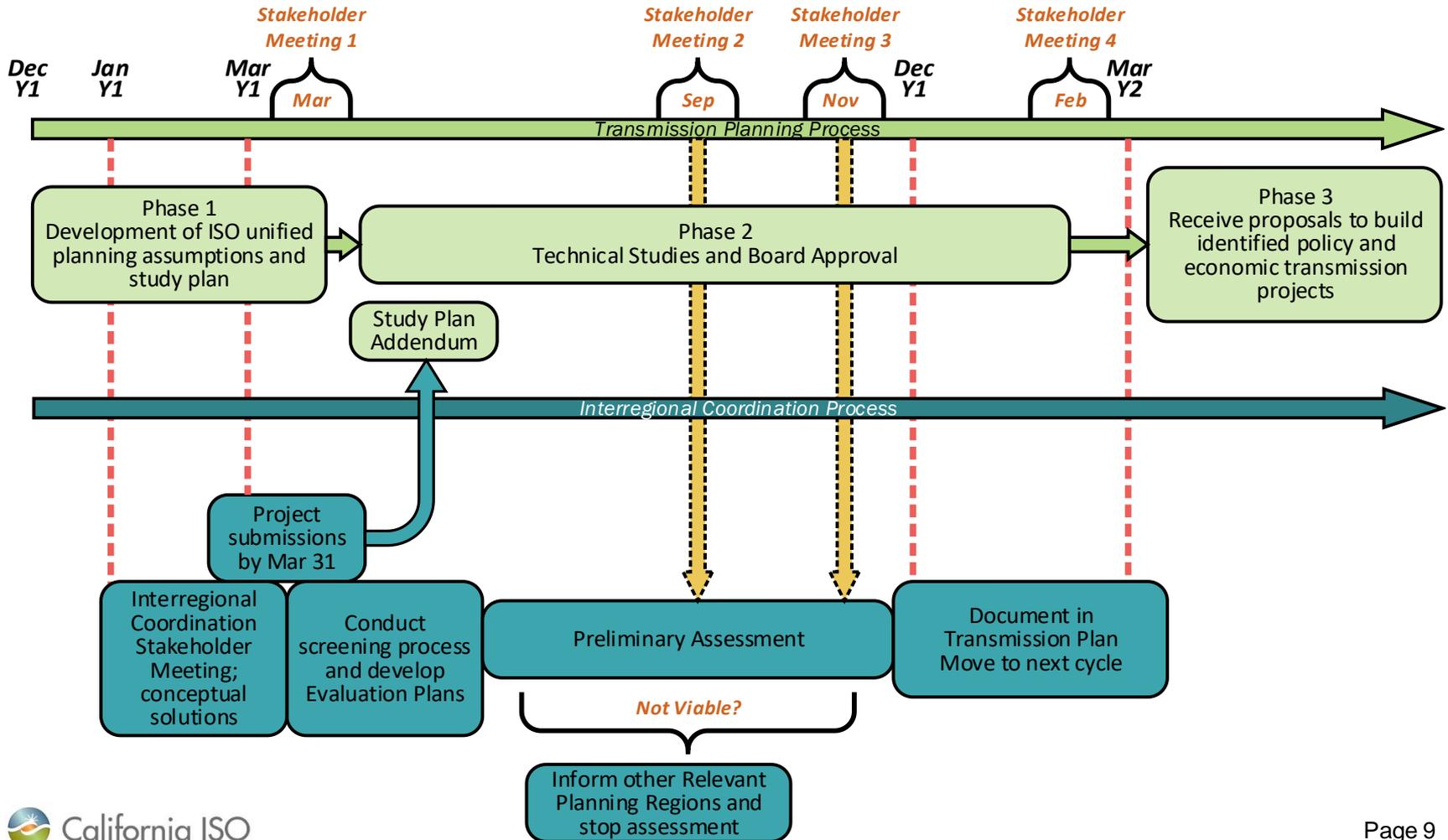
Cost allocation is not necessary for one or more planning regions to consider an ITP within its regional process

- The assessment of an ITP in a WPR's regional process continues until a conclusion on regional need is reached
- If a regional need is not found, no further assessment of the ITP by that Relevant Planning Region is required
- Consideration by at least two Relevant Planning Regions is required for an ITP to be considered for interregional cost allocation purposes. Otherwise, the ITP will no longer be considered within the context of interregional cost allocation
- One or more planning regions may consider an ITP within its regional process even though it is not on the path of cost allocation
 - Planning region(s) will continue some level of continued cooperation with other planning regions and with WECC
 - Applicable WECC processes will be followed to ensure all regional impacts are considered

Project Submission Validation Results

Project Name	Review Results
North Gila – Imperial Valley #2 (NGIV2)	Evaluation plan is being jointly developed by WestConnect and the CAISO.
SWIP-North	NorthernGrid indicated that since the proposed transmission line is entirely within NorthernGrid system, it is not qualified as an Order 1000 interregional transmission project. The CAISO agrees with NorthernGrid's assessment.
Del Norte HVDC Transmission Collector	It is only submitted to CAISO and therefore is not qualified as an Order 1000 interregional transmission project.
Humboldt HVDC Transmission Collector	
Cape Mendocino HVDC Transmission Collector	
Diablo Canyon HVDC Transmission Collector	
Morro Bay HVDC Transmission Collector	

Interregional coordination will be achieved through each planning region's Order 1000 regional process (Even year - CAISO's initial assessment on ITP viability)

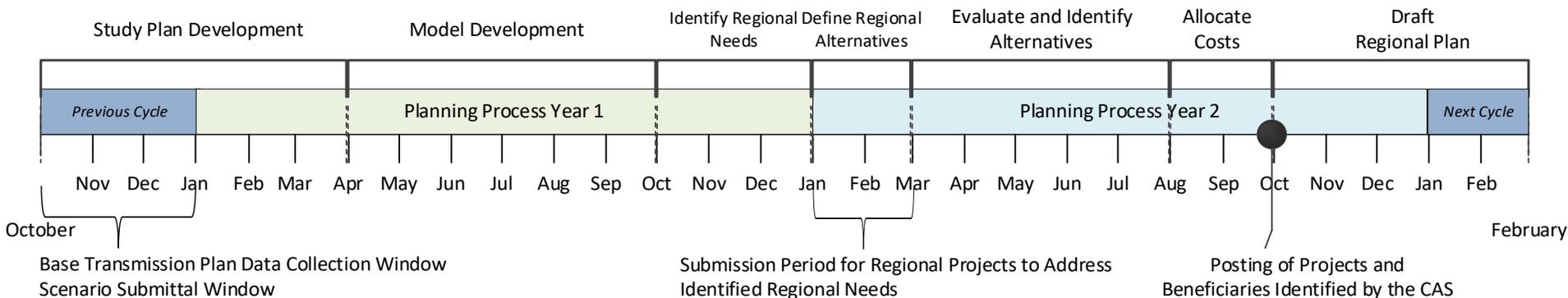


CAISO's Evaluation Plan for NGIV2 Project

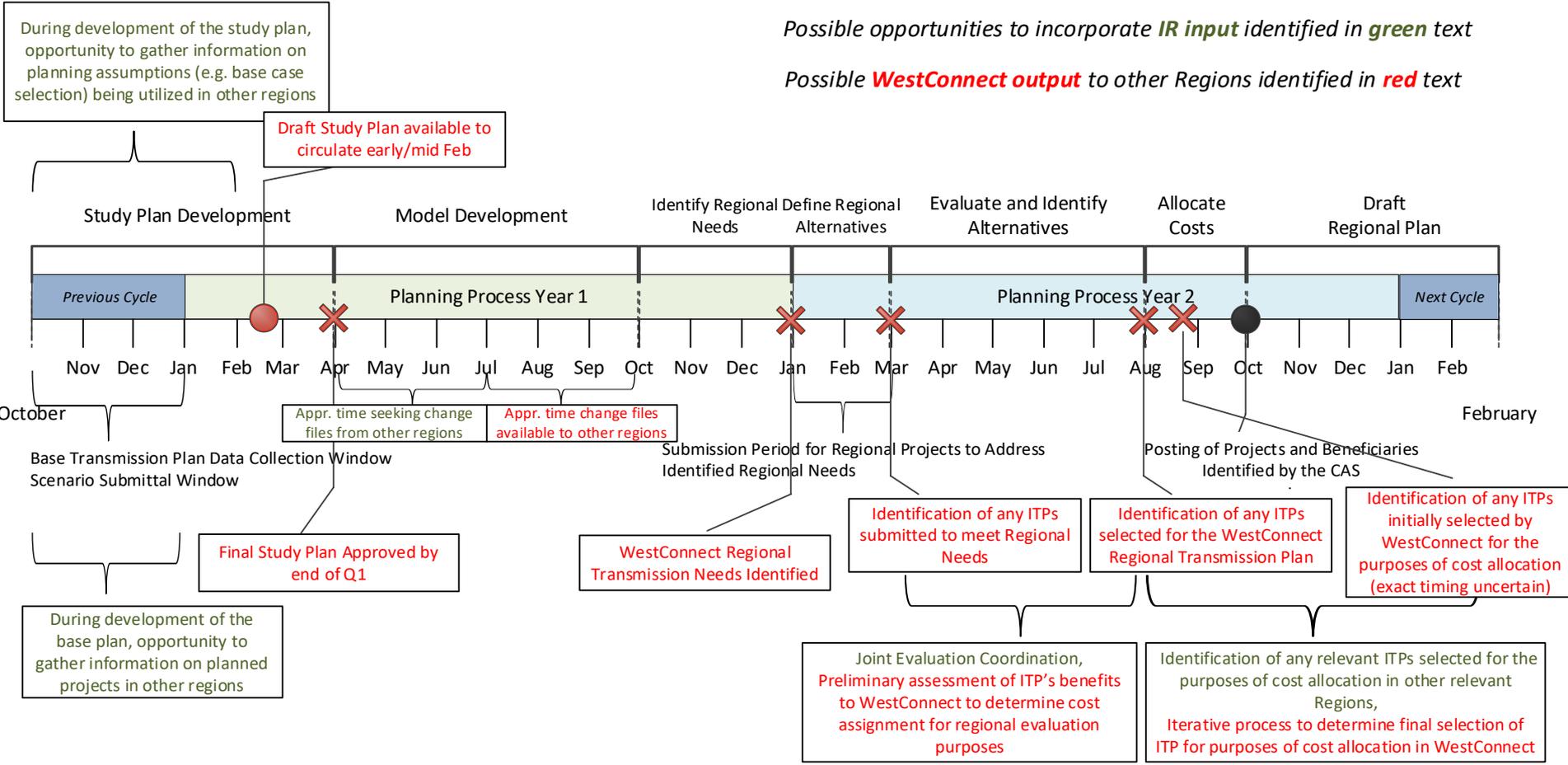
- The Evaluation Plan for the NGIV2 project is being jointly developed by WestConnect and the CAISO. The draft evaluation plan is posted on the CAISO website.
- NGIV2, LLC also submitted the NGIV2 project into the CAISO's 2022-2023 transmission planning process as an economic study request.
 - The CAISO will assess the NGIV2 project as an alternative to determine if there is an economic need justification.
- NGIV2, LLC has indicated that if IID participates in the project, IID would accept a capital cost allocation of \$105 million with the remainder of the costs (\$272 million) to be recovered through the CAISO TAC.
- If the CAISO and IID determine there is a need for this project, the CAISO and IID would have to agree upon an appropriate cost allocation.

WestConnect's Evaluation Plan for NGIV2 Project

- NGIV2 was properly submitted to WestConnect by the deadline for ITP submittals
- WestConnect is a Relevant Planning Region
- NGIV2 did not request cost allocation from WestConnect
- WestConnect will evaluate the NGIV2 project as part of its Order 1000 regional planning process:



WestConnect's Evaluation Plan for NGIV2 Project



Note: Dates shown on this schedule are estimates only and are based on WestConnect's anticipated planning cycle schedule. Exact dates associated with any WestConnect regional planning activities will be based on the planning cycle's study plan.

Next Steps

- The Evaluation Plan will be added as an appendix to the study plan of the 2022-2023 TPP.
- Economic studies will be performed as part of the 2022-2023 TPP to evaluate the economic benefit of the project.
- If both the WestConnect and the CAISO assessment indicate that the project is needed, the NGIV2 project will be studied in detail as part of 2023-2024 TPP.
- If WestConnect doesn't identify a need for the project, the NGIV2 will no longer be considered within the context of Order 1000 Interregional Transmission Project.

Next Steps

- Please submit comments to regionaltransmission@caiso.com by end of day June 20, 2022.
- For additional information visit the [Interregional Transmission Coordination webpage](#).
- If you have any questions, please contact isostakeholderaffairs@caiso.com



- The ISO is pleased to be hosting the Stakeholder Symposium in-person at the Safe Credit Union Convention Center in downtown Sacramento on Nov. 9 – 10, 2022
- Registration will be open in June
 - Public notice will be issued once the site is available
- Additional information is available on the Stakeholder Symposium page on ISO's website at:
<http://www.caiso.com/informed/Pages/MeetingsEvents/StakeholderSymposium/Default.aspx>
- Please direct questions to symposiumreg@caiso.com