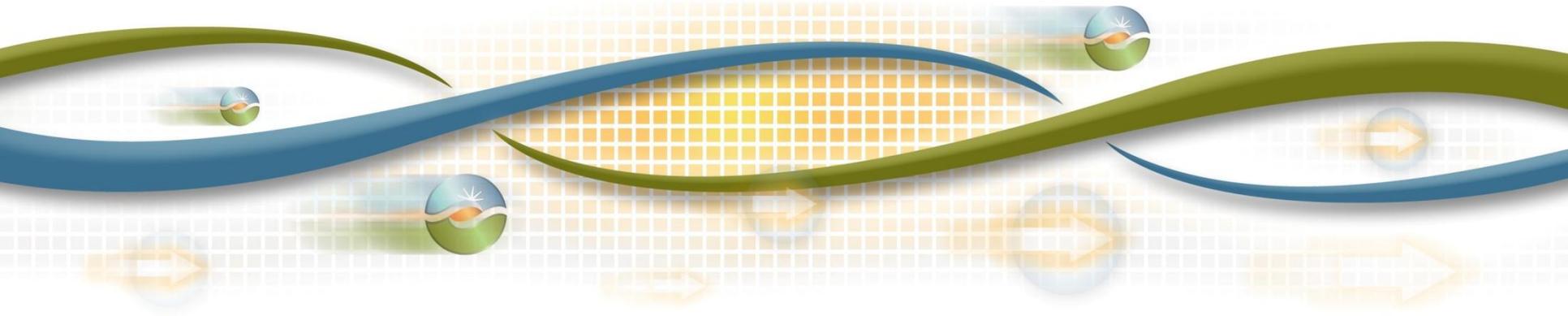


Regional Integration Bi-Weekly Update

January 19, 2016

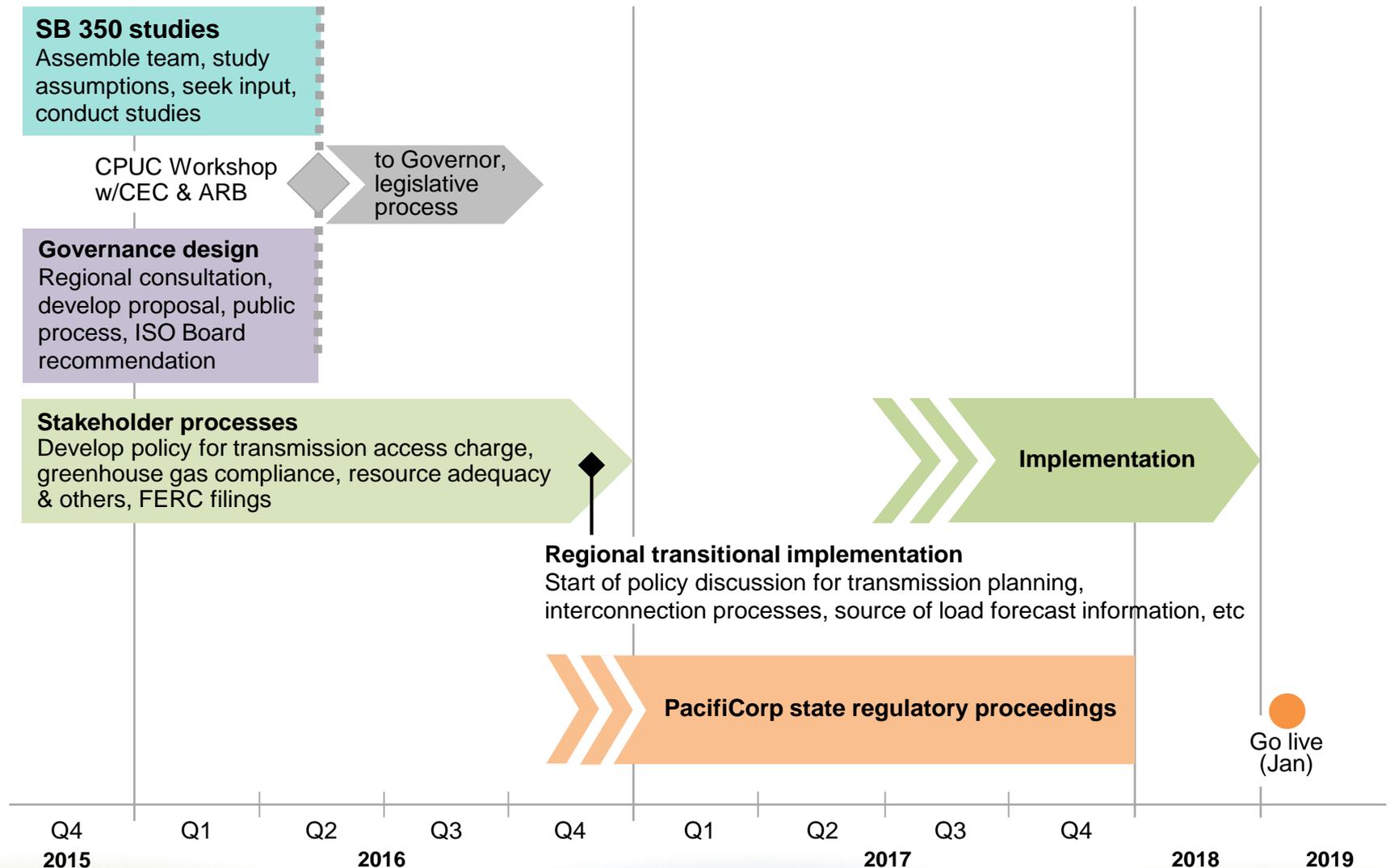


Agenda

Time	Topic	Presenter
2:00 - 2:10	Timeline for regional activities	Stacey Crowley
2:10 - 2:15	Stakeholder process overview	Kristina Osborne
2:15 - 2:20	Stakeholder initiatives update	Kristina Osborne
2:20 - 2:25	SB350 activities update	Stacey Crowley
2:25 - 2:30	Online Resources & Questions	Kristina Osborne

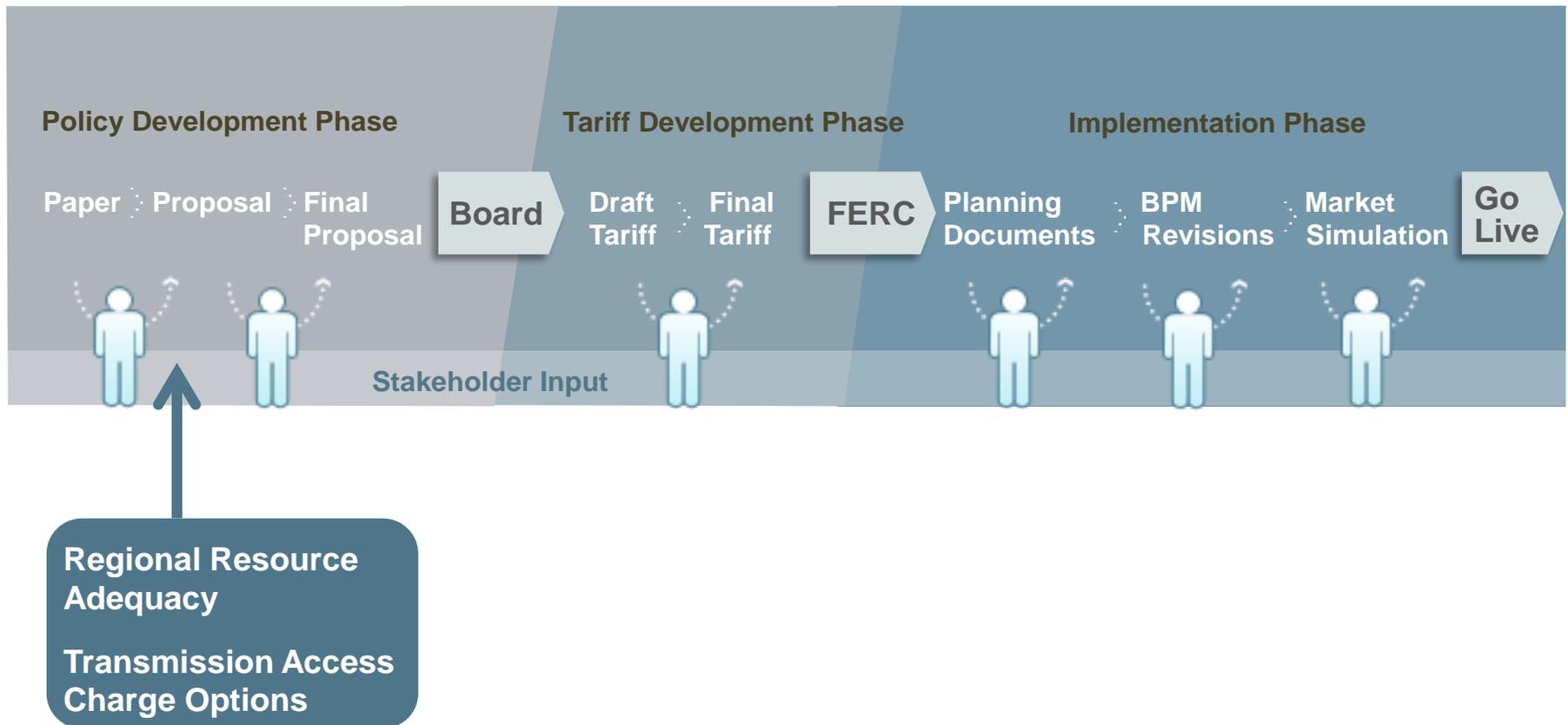
Current timeline for regional integration activities

Note: Timeline designed to allow PacifiCorp to seek state regulatory approvals before the end of 2017



ISO Stakeholder Engagement Process

This diagram represents the typical process, often phases will run in parallel.



Current Stakeholder Initiatives - Regional

Transmission Access Charge Options

This initiative considers whether the existing revenue recovery mechanisms would be appropriate should a transmission owner with a load service territory join the ISO as a participating transmission owner. This initiative began with an issue paper in late October 2015.

Next steps:

- February 8 – The ISO will publish a straw proposal
- February 26 - Stakeholder meeting on straw proposal (Folsom)
- March 10 - Stakeholder comments due on straw proposal

Current Stakeholder Initiatives – Regional

Regional Resource Adequacy

This initiative evaluates whether the existing resource adequacy tariff provisions are appropriate for use in a regional ISO balancing authority area that encompasses multiple states. This initiative began with an issue paper in early December 2015.

Next steps:

- February 17 – The ISO will publish a straw proposal
- February 25 - Stakeholder meeting on straw proposal (Folsom)
- March 11 - Stakeholder comments due on straw proposal

Upcoming Stakeholder Initiatives (tentative dates)

Greenhouse Gas Compliance

This initiative will review potential changes to the existing EIM approach for tracking GHG compliance obligations needed to support an expanded ISO balancing authority area that encompasses states outside of California

- February 29 – The ISO will publish an issue paper/ straw proposal
- March 7 – Stakeholder call to review issue paper/straw proposal

Metering Rules Update – Starts February 2016

Full Network Model Enhancements – Starts July 2016

SB350 update on upcoming activities

Study Work:

- Market notice on Feb 8 announced workshop to discuss approach, assumptions, methodology of SB350 studies
 - Meeting at California ISO in Folsom; webinar will also be available
- Stakeholder meeting to discuss preliminary results will be held in late April

Governance:

- Process for governance modifications underway that will allow for stakeholder input
- Joint webinar with PacifiCorp on February 10 to discuss differences between EIM and regional governance

Online Resources

Regional Integration Resources on the ISO Website:

www.caiso.com

Regional Energy Market webpage

<http://www.caiso.com/informed/Pages/RegionalEnergyMarket/BenefitsofaRegionalEnergyMarket.aspx>

Stakeholder Processes webpage

<http://www.caiso.com/informed/Pages/StakeholderProcesses/Default.aspx>

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Recent news releases

[NV Energy Enters The Western Energy Imbalance Market](#)

[Portland General Electric Formalizes Agreement to Join EIM](#)

[Federal Regulators Clear Way for NV Energy Entry into the Western Energy Imbalance Market](#)

[California ISO Board Approves Energy Imbalance Market Enhancements](#)

[NV Energy Entry into the Energy Imbalance Market Delayed](#)

[Western Energy Imbalance Market Q3 Benefits Total \\$12m](#)

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Benefits of a regional energy market

A regional energy market would better use resources, especially renewables, to reduce greenhouse gas emissions and costs. Enabling the ISO's sophisticated market and grid optimization systems to pick the lowest cost energy to serve demand and give preference to renewable resources across a wide geographic region also means grid planners can build a cleaner, more resilient energy generation and delivery network that will create tangible economic benefits.

PacifiCorp benefits study (October 13, 2015)

- [Western Grid Integration Could Produce Significant Cost Savings, Environmental Benefits](#) 10/14/2015 14:59
- [FAQ - Benefits Study of PacifiCorp and ISO Integration](#) 10/13/2015 14:12
- [Study: Benefits of PacifiCorp and ISO Integration](#) 10/13/2015 09:52
- [Study: Technical Appendix - Benefits of PacifiCorp and ISO Integration](#) 10/13/2015 09:52
- [What They're Saying - PacifiCorp Integration Study](#) 10/19/2015 14:42
- Web conference Oct 16, 2015 [\[2\]](#)
 - [Agenda and Presentation - PacifiCorp Integration Benefits Study Oct 16, 2015](#) 10/19/2015 09:08
 - [PacifiCorp Integration Benefits Study Posted, Call 10/16/15](#) 10/13/2015 10:15
- Stakeholder comments - PacifiCorp and ISO integration benefits study [\[2\]](#)
 - [Comments and Responses Matrix - PacifiCorp and ISO Integration Benefits Study](#) 12/03/2015 16:53
 - [BAMx Questions - PacifiCorp and ISO Integration Benefits Study](#) 12/03/2015 16:53
 - [CDWR Questions - PacifiCorp and ISO Integration Benefits Study](#) 12/03/2015 16:53
 - [CPUC Questions - PacifiCorp and ISO Integration Benefits Study](#) 12/03/2015 16:53
 - [TURN Comments - PacifiCorp and ISO Integration Benefits Study](#) 12/03/2015 16:53

Audio recording of the ISO - PacifiCorp benefits study web conference



Featured documents

[SB-350 Clean Energy and Pollution Reduction Act of 2015](#)
Establishes a 50-percent renewable portfolio standard (RPS) and starts the process of allowing the ISO to become a regional grid.

[Benefits of a Regional Energy Market - Fast Facts](#) 8/28/2015 18:47

Stakeholder Processes Webpage: Go to *Stay Informed / Stakeholder Processes*

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Related links

[Miscellaneous stakeholder meetings](#)

Stakeholder engagement opportunities

Stakeholder input is essential to ISO planning processes and for the success of new initiatives from policy development to implementation. We are committed to providing ample opportunity for stakeholder input into our market design, implementation and infrastructure planning activities. The stakeholder process will shape the market design and policies through a series of proposals, meetings and stakeholder comments.

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- [Demand response net benefits test](#)

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[Full network model expansion](#)

[Local market power mitigation enhancements 2015 compensation](#)

[Reactive power requirements and financial compensation](#)

[Reliability services](#)

[Renewable resources integration](#)

- [Market and product review phase 2](#)

[Revised settlement statement and dispute timeline for T+35M](#)

[Tariff clarifications filing process](#)

[Two tier allocation real-time bid cost recovery](#)

Energy Imbalance Market initiatives

[Energy Imbalance Market year 1 enhancements](#)

[Energy Imbalance Market governance development](#)

Regional integration initiatives

[PacifiCorp participation study](#)

[Regional resource adequacy](#)

[Transmission access charge options](#)

Recurring stakeholder processes

[2015-2016 Transmission planning process](#)

[2014-2015 Transmission planning process](#)

[2013-2014 Transmission planning process](#)

[Budget and grid management charge](#)

[Flexible capacity needs technical study process](#)

[Generator interconnection procedures](#)

- [Interconnection process enhancements 2015](#)

[Interregional transmission planning](#)

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[Stakeholder initiatives catalog process](#)

[Participating transmission owner per unit costs](#)

Initiatives in implementation phase

[Bid cost recovery and variable energy resource settlements](#)

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[Commitment cost enhancements phase 2](#)

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