California ISO

Regional Integration Update
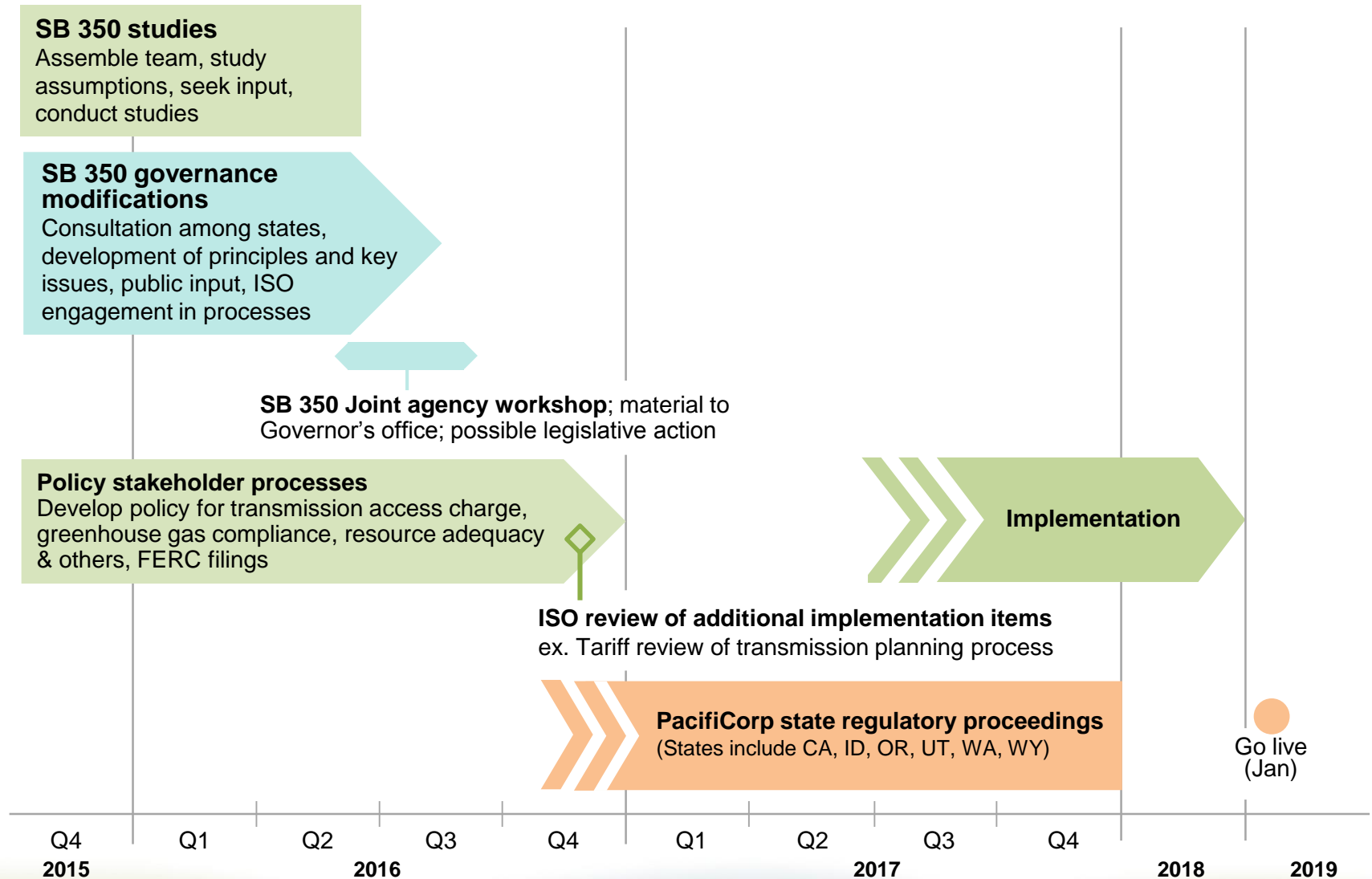
June 7, 2016
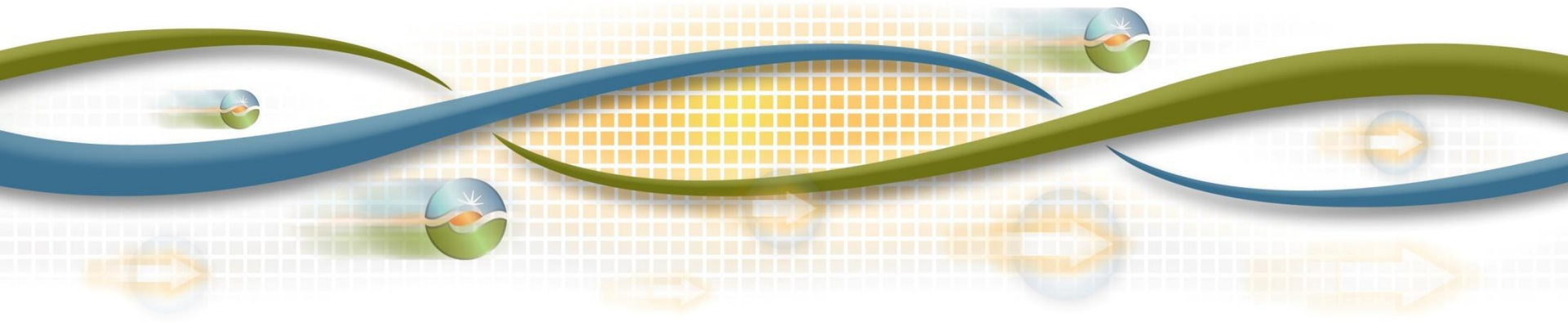
Agenda

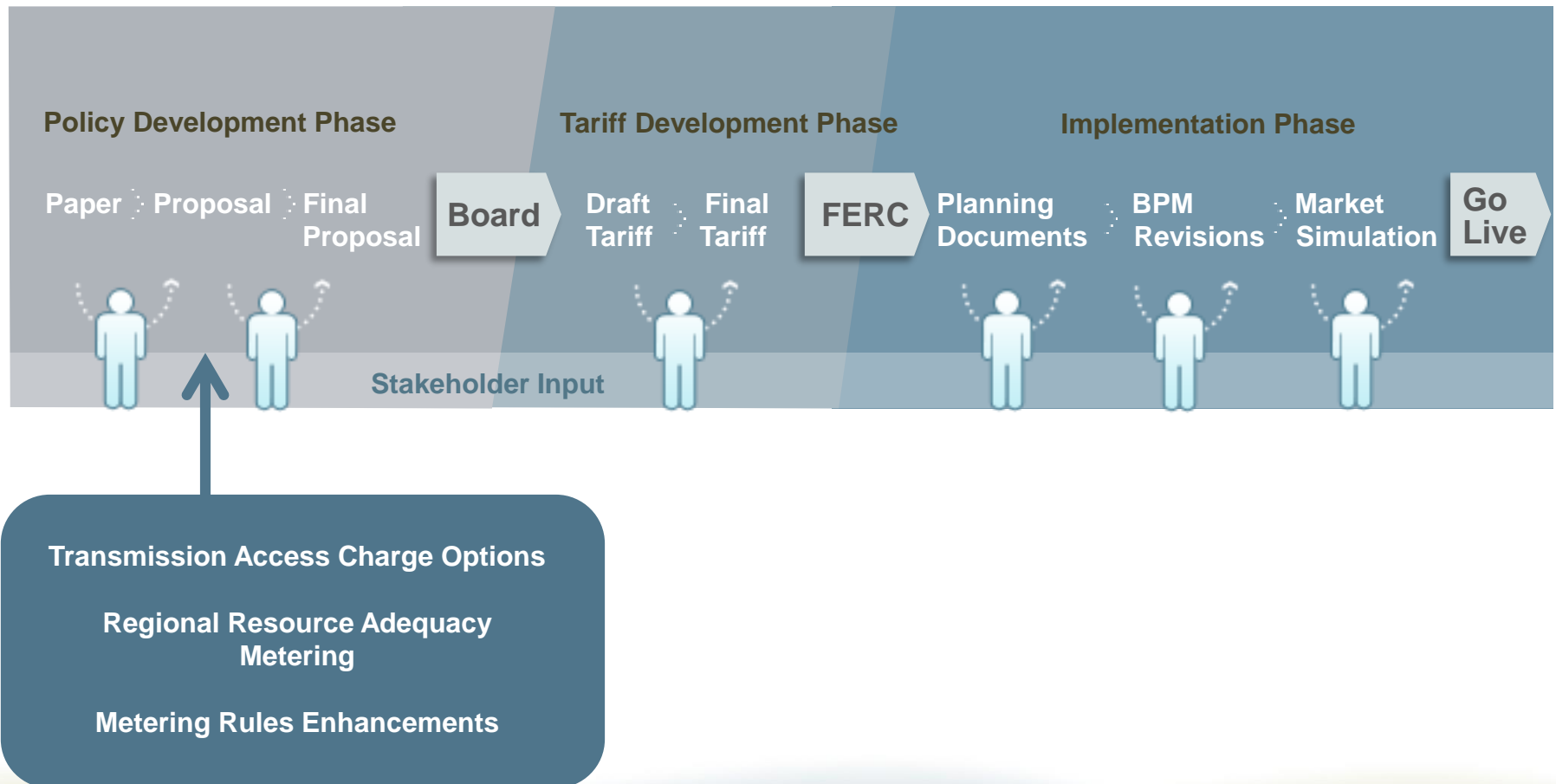| Topics	Presenter
Timeline - regional integration activities	Virginia Thompson
Stakeholder initiatives update	Virginia Thompson
SB350 studies update	Debi LeVine
SB350 governance activities update	Virginia Thompson
Online Resources	Kristina Osborne
Questions	

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Timeline for regional integration activities

Note: Designed to allow PacifiCorp to obtain state regulatory approvals before the end of 2017

SB 350 studies
Assemble team, study assumptions, seek input, conduct studies

SB 350 governance modifications
Consultation among states, development of principles and key issues, public input, ISO engagement in processes

SB 350 Joint agency workshop; material to Governor's office; possible legislative action

Policy stakeholder processes
Develop policy for transmission access charge, greenhouse gas compliance, resource adequacy & others, FERC filings

Implementation

ISO review of additional implementation items
ex. Tariff review of transmission planning process

PacifiCorp state regulatory proceedings
(States include CA, ID, OR, UT, WA, WY)

Go live
(Jan)

Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
2015		**2016**				**2017**			**2018**	**2019**

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ISO Stakeholder Engagement Process

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

Policy Development Phase

Paper · Proposal · Final Proposal

Board

Tariff Development Phase

Draft Tariff · Final Tariff

FERC

Implementation Phase

Planning Documents · BPM Revisions · Market Simulation

Go Live

Stakeholder Input

Transmission Access Charge Options

Regional Resource Adequacy Metering

Metering Rules Enhancements

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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.

Upcoming activities:

The ISO is targeting approval from the ISO Board of Governors in August 2016

- June 10 – stakeholder comments due on revised straw proposal
- June 28 – the ISO will publish draft final proposal

http://www.caiso.com/informed/Pages/StakeholderProcesses/TransmissionAccessChargeOptions.aspx

Note: These dates are tentative until confirmed by a market notice

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.

Upcoming activities:

The ISO is targeting approval from the ISO Board of Governors in August 2016

- June 15 - stakeholder comments due on second revised straw proposal
- June 30– the ISO will publish draft final proposal

http://www.caiso.com/informed/Pages/StakeholderProcesses/RegionalResourceAdequacy.aspx

Note: These dates are tentative until confirmed by a market notice

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Current Stakeholder Initiatives – Regional

Metering Rules Enhancements

This initiative will review existing metering requirements and propose possible revisions to accommodate the growth in renewables, energy storage and distributed energy resources; technology advancements, developer interest in new and complex metering configurations; expansion of regional markets through the energy imbalance market; and, the potential integration of other balancing authority areas into the ISO balancing authority area.

Upcoming activities:

The ISO is targeting approval from the ISO Board of Governors in August 2016

- June 7– the ISO will publish a draft final proposal
- June 14 – web-conference on draft final proposal
- June 28 - stakeholder comments due on draft final proposal

http://www.caiso.com/informed/Pages/StakeholderProcesses/MeteringRulesEnhancements.aspx

Note: These dates are tentative until confirmed by a market notice

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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

Targeted to start in Q2 of 2016

Full Network Model Enhancements

Targeted to start in July 2016

Note: These dates are tentative until confirmed by a market notice.

SB350 update on upcoming activities

Study Work:

- June 8 – Stakeholder call to discuss data release schedule

    http://www.caiso.com/Documents/SB350ProposedSupplementalData_InformationReleaseSchedule.pdf

- June 10 – the ISO will publish final data

- June 22 (extended) – Written comments due on preliminary study results and May 24-25 meetings

To receive access to the shared website for publicly available data, please send a request to **regionalintegration@caiso.com** including your email (can contain multiple email addresses) and a brief sentence requesting access to the SB 350 study data. Instructions for how to access the shared website will be provided upon request. You will receive notification of access from Accellion, via an email from SecureFileTransfer@caiso.com.

For issues accessing Accellion site once access has been granted, please call ISO Help Desk at (916) 351-2309 or send email to servicedesk@caiso.com

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SB350 governance modifications

- June 9 – ISO will publish draft proposal on governance principles

- June 16 – CEC led Regional Grid Operator and Governance Workshop, Docket Number 16-RGO-01 (1:30 p.m. in Sacramento, CA)

- June 20 - CEC led Regional Grid Operator and Governance Workshop, Docket Number 16-RGO-01 (1:00 p.m. in Denver, CO)

- July 7 – written comments due to the California Energy Commission

For more information visit the CEC website at:
http://www.energy.ca.gov/sb350/regional_grid/documents/index.html

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Daily Briefing

Last month, the ISO announced the launch of its Daily Briefing

- a digest version of market notices posted each day
- designed to keep you informed in a single email
- quickly access the content you're interested in reading

http://www.caiso.com/Documents/DailyBriefing-March16_2016.htm

Note: By submitting this form you are replacing your current subscription settings.

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

Stakeholder initiative milestone document
http://www.caiso.com/Documents/StakeholderInitiativeMilestones.pdf

ISO public calendar
http://www.caiso.com/Pages/Calendar.aspx?IsDlg=true

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Please send questions and topic suggestions to
Regionalintegration@caiso.com

Join us for the next regional integration update on June 21, 2016. See calendar on ISO's website for web conference details.