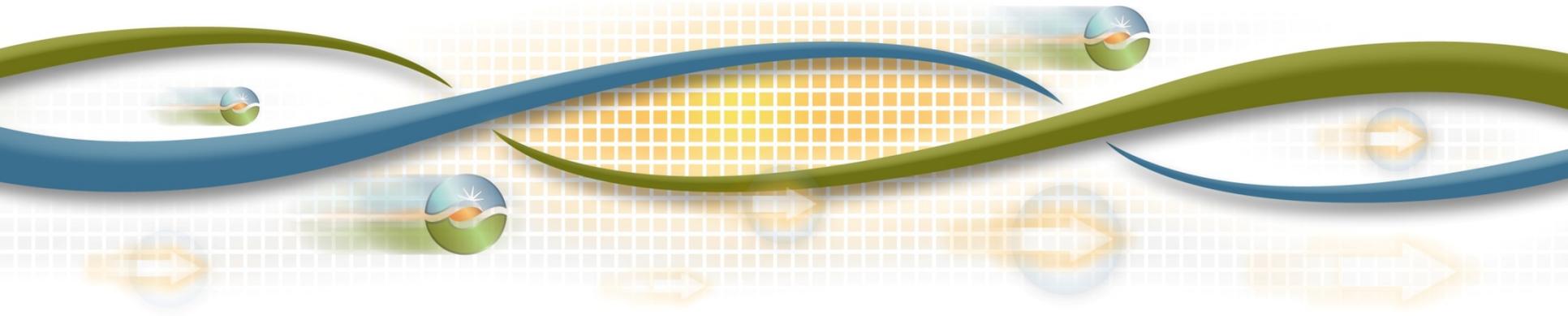




# Regional Integration Bi-Weekly Update

January 5, 2016

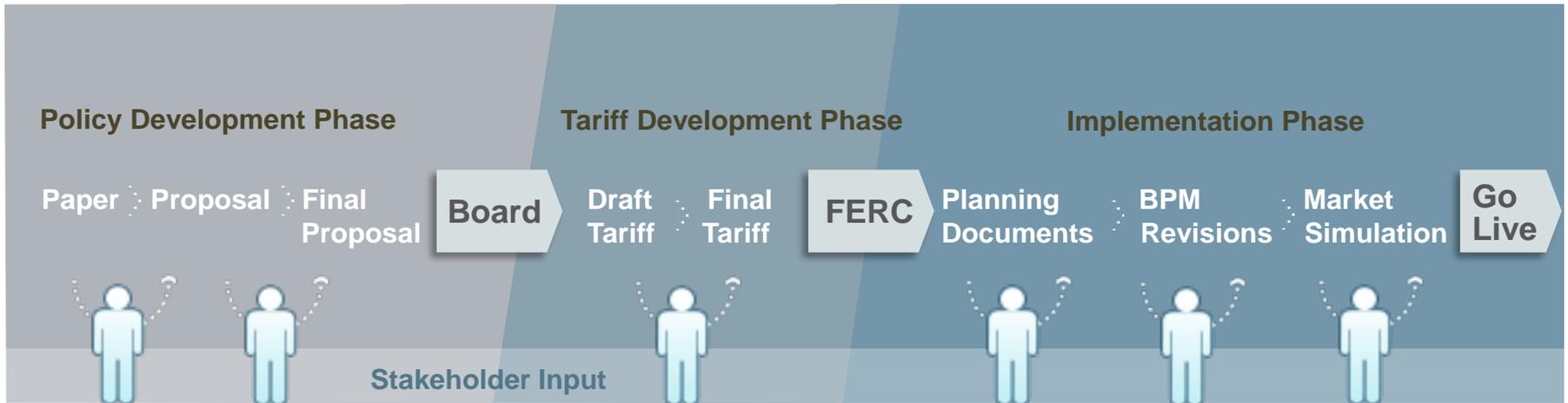


# Agenda

Time	Topic	Presenter
2:05 – 2:10	Introduction / Objective	Stacey Crowley
2:05 – 2:10	Stakeholder Process Overview	Kristina Osborne
2:10 – 2:15	Stakeholder Initiatives Process Update	Virginia Thompson
2:25 – 2:30	SB350 Requirements Update	Phil Pettingill
2:25 – 2:30	Online Resources / Questions	Kristina Osborne

# ISO Stakeholder Engagement Process:

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



# Current Stakeholder Initiatives

**Note:** Scheduled to go to ISO Board for decision in June 2016

## Transmission Access Charge Options

- January 11 – Public workshop to further discuss issue paper topics (Location: California ISO in Folsom)
- February 8 – Publish straw proposal

*Related materials available on initiative webpage at*

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

## Regional Resource Adequacy

- January 7 – Written comments due on issue paper
- January 13 – Working group to discuss stakeholder comments on issue paper topics (Location: Hilton Seattle Airport & Conference Center, WA)
- February 17 – Publish straw proposal

*Related materials available on initiative webpage at*

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

# Upcoming Stakeholder Initiatives

- Greenhouse Gas Compliance – Starts February 2016
- Metering Rules Update – Starts February 2016
- Full Network Model Enhancements – Starts July 2016

SB 350 requires the ISO to prepare proposed governance modifications and to study impacts to a regional market.

Studies will determine the overall benefits to ratepayers including:

- The creation and retention of jobs and other benefits to the California economy
- Environmental impacts in California and elsewhere
- Impacts in disadvantaged communities
- Emissions of greenhouse gases and other air pollutants
- Reliability and integration of renewable energy resources.

Proposed governance modifications and results of studies will be presented at public workshop with CPUC, CEC and CARB

# Online Resources

## Regional Integration Resources on the ISO Website:

[www.caiso.com](http://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>

ISO Public Calendar

<http://www.caiso.com/Pages/Calendar.aspx?IsDlg=true>

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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

Home > Stay Informed > Regional Energy Market > Benefits of a Regional Energy Market

## 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**
- [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**
- [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 18:52

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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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 [Stakeholder Initiative Milestones](#) 12/31/2015 10:29

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## Current initiatives

[Bidding rules enhancements](#)

[Commitment costs](#)

- [Commitment cost enhancements phase 3](#)

[Competitive solicitation process enhancements](#)

[Contingency modeling enhancements](#)

[Demand response](#)

- [Demand response net benefits test](#)

[Energy storage and distributed energy resources](#)

[Expanding metering and telemetry options](#)

[Flexible ramping product](#)

[Flexible resource adequacy criteria and must offer obligations](#)

[Frequency response](#)

[Full network model expansion](#)

[Local market power mitigation enhancements 2015](#)

[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](#)

[Local capacity requirements process](#)

[Stakeholder initiatives catalog process](#)

[Participating transmission owner per unit costs](#)

## Initiatives in implementation phase

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

[Capacity procurement mechanism replacement](#)

[Commitment cost enhancements phase 2](#)

[Contingency reserve cost allocation](#)

[Energy storage interconnection](#)

[FERC order no 764 market changes](#)

[Flexible capacity procurement](#)

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- [Deliverability allocation procedures reassessment](#)
- [Interconnection process enhancements](#)

[Load granularity refinements](#)

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## Questions / Comments

Please direct questions and suggestions for agenda topics for these bi-weekly updates to [RegCoord@caiso.com](mailto:RegCoord@caiso.com).

**Note:** This email is temporary. A new email titled [regionalintegration@caiso.com](mailto:regionalintegration@caiso.com) is in the process of being created.

Join us for the next regional integration update on January 19  
– Reference calendar on ISO's website for details on how to participate

Materials related to the bi-weekly calls are available at <http://www.caiso.com/informed/Pages/MeetingsEvents/UserGroupsRecurringMeetings/Default.aspx>