

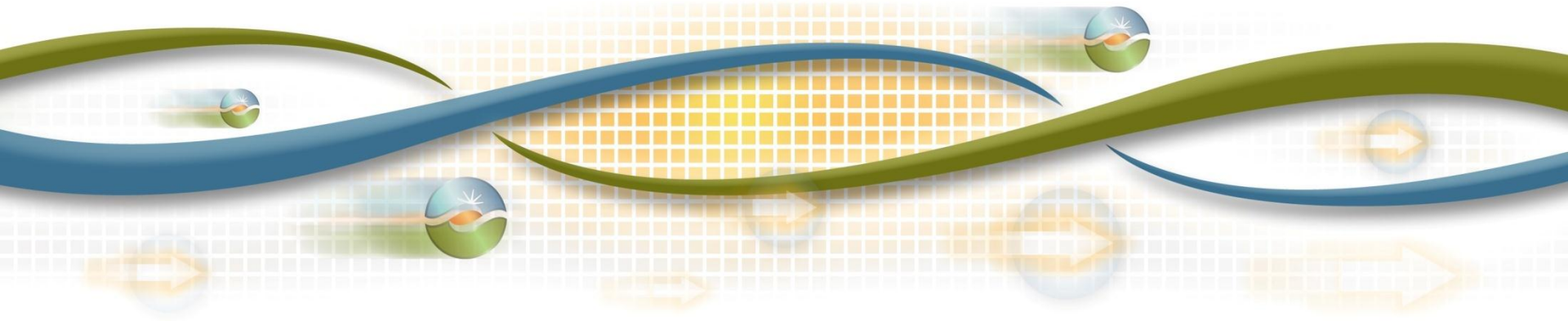


California ISO  
Shaping a Renewed Future

# Draft 2016 Stakeholder Initiatives Catalog and Roadmap

Stakeholder Conference Call  
October 15, 2015

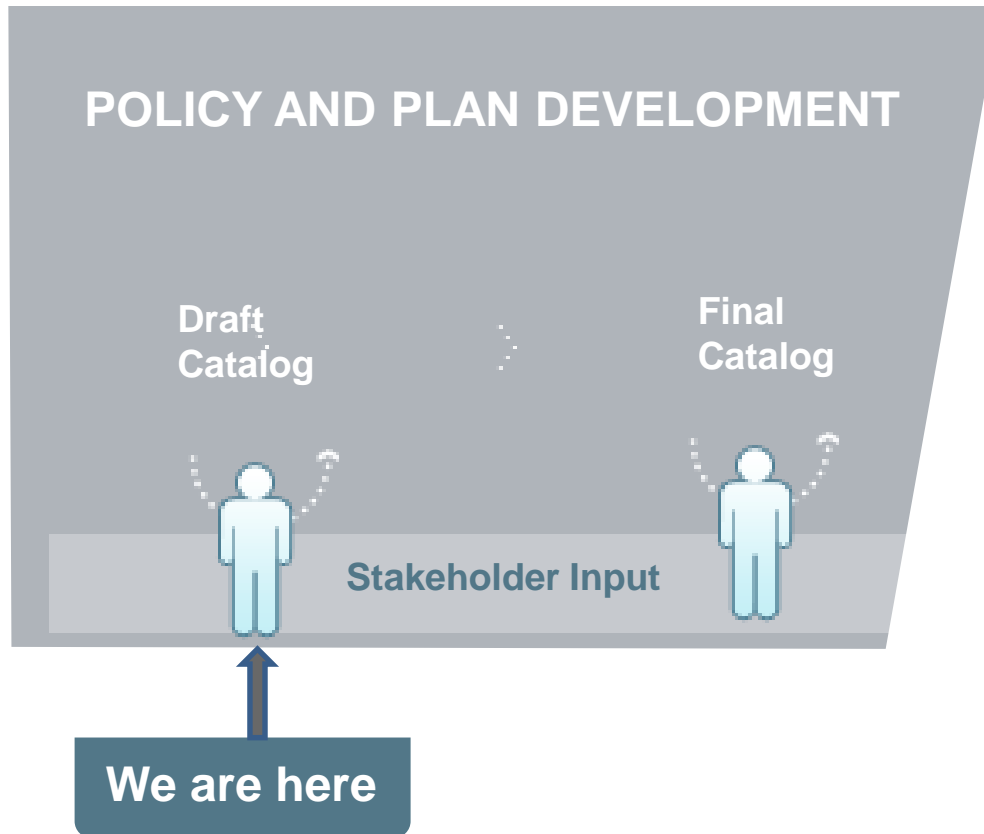
Eric Kim, Market and Infrastructure Policy Developer



# Stakeholder Initiatives Catalog – Agenda – 10/15/15

Time	Topic	Presenter
1:00 – 1:15	Introduction	Kim Perez
1:15 – 2:45	Catalog and Roadmap Overview	Eric Kim
2:45 – 3:00	Next Steps	Kim Perez

# ISO Policy Initiative Stakeholder Process



# CATALOG AND ROADMAP OVERVIEW

Eric Kim

Each year the ISO publishes a stakeholder initiatives catalog.

- Its main purpose is to
  - Document initiatives proposed over time by ISO and stakeholders
  - Communicate initiatives ISO considers high priority and will conduct stakeholder processes on during upcoming year
- Initiatives can fall into four different categories
  - In progress (I)
  - FERC-mandated (F)
  - Non-discretionary (N)
  - Discretionary (D)

The catalog has been organized differently from years past.

Section 1: Executive Summary

Section 2: Plan for Stakeholder Engagement

Section 3: Introduction

Section 4: Initiatives Completed since Previous Catalog

Section 5: Planned Stakeholder Initiatives

Section 6: Initiatives not currently planned to be started

# INITIATIVES COMPLETED IN 2015

# Nine initiatives have been completed in 2015.

1. Pay for Performance Regulation Year One Design Changes
2. Pricing Enhancements
3. Capacity Procurement Mechanism
4. Reliability Services Phase 1
5. Commitment Cost Enhancements Phase 2
6. Bid Cost Recovery and Variable Energy Resource Settlements
7. Load Granularity Refinements
8. Energy Storage Interconnection
9. Natural Gas Pipeline Penalty Recovery



# 2016 ROADMAP

*Please refer to pages 12 and 13 of  
Draft 2016 Stakeholder Initiatives  
Catalog and Roadmap*

# INITIATIVES UNDERWAY

## 13 stakeholder initiatives are currently underway.

1. Expanding Metering and Telemetry
2. Energy Imbalance Market Year 1 Enhancements
3. Interconnection Process Enhancements
4. Competitive Solicitation Process Enhancements
5. Flexible Ramping Product
6. Reactive Power Requirements and Financial Compensation
7. Reliability Services Phase 2
8. Bidding Rules Enhancements

## Initiatives currently underway (continued)

9. Commitment Cost Enhancements Phase 3
10. Contingency Modeling Enhancements
11. Flexible RA Criteria and Must Offer Obligation Phase 2
12. Frequency Response Requirements
13. Energy Storage and Aggregated Distributed Energy Resources

# INITIATIVES TO BE STARTED

Five new initiatives are planned to start in Q4 of 2015.

1. Stepped Constraint Parameters
2. Two-Tier Allocation Real-Time Bid Cost Recovery
3. Fifteen-Minute Market Intertie Liquidity
4. Regional Transmission Access Charge Structure
5. Resource Adequacy Rules

## Six new initiatives are planned start in 2016.

1. Regional Integration California Greenhouse Gas Compliance
2. Metering Rules Update
3. Full Network Model Enhancements
4. Real-Time Market Enhancements
5. Generator Contingency Modeling/Remedial Action Scheme Modeling
6. Transitional Implementation Items



For this year's cycle of the catalog, will not go through an initiative ranking process.

- ISO is currently scheduled with 20 initiatives in 2016
  - Seven initiatives are projected to finish by end of Q1 2016
  - Six initiatives will address regional expansion policies
- Due to high volume of initiatives already planned, there is no room for additional discretionary initiatives resulting from a ranking process
- ISO welcomes stakeholder comments on catalog, as well as suggestions for items to be added to catalog for consideration as potential initiatives

# NEXT STEPS

Kim Perez

# Timeline

- Stakeholder comments on catalog and roadmap are due November 4, 2015; submit to [initiativecomments@caiso.com](mailto:initiativecomments@caiso.com)
- Final 2016 Stakeholder Initiatives Catalog and Roadmap will be posted on December 15, 2015