



# California ISO

For E1 - E4 category designations, \* denotes category applies only to certain proposal elements

Calendar	Initiatives (Updated Weekly)	Initiative Lead	Start	Discuss at MSC	EM Category (E1-E4)	Proposed EIM Governing Body Meeting	Proposed Board Meeting	Notes	Proposed Tariff Filing Date
Recurring Meetings	<a href="#">ISO Board of Governors meetings</a>	N/A	Recurring						
	<a href="#">EIM Body of State Regulator meetings</a>	N/A	Recurring						
	<a href="#">EIM Governing Body meetings</a>	N/A	Recurring						
	<a href="#">EIM Regional Issues Forum meetings</a>	N/A	Recurring						
	<a href="#">Market Surveillance Committee meetings</a>	B. Cooper	Recurring						
	<a href="#">Market Performance and Planning Forum meetings</a>	J. Morris	Recurring						
	<a href="#">Business Practice Manual Change Management meetings</a>	J. Payton	Recurring						
Policy	<a href="#">Clarification of Tariff Rules Regarding Following DOT</a>	D. Tretheway	Q1 2018		E2 *	TBD	TBD	Stakeholder process schedule currently under development	
	<a href="#">Congestion Revenue Rights Auction Efficiency</a>	P. Servedio	Q1 2018	5-Apr-18			Mar & Jul 2018	Rules are largely approved in both the March and July Board	
	<a href="#">Commitment Cost and Default Energy Bid Enhancements</a>	C. Colbert	Q4 2016	5-Mar-18, 5-Apr-18	E2 *	Mar 2018	Mar 2018		Apr 2018
	<a href="#">Day-Ahead Market Enhancements</a>	M. Poage	Q1 2018		E2*	Jul 2018	Jul 2018	Stakeholder process schedule currently under development	
	<a href="#">Energy Storage and Aggregated Distributed Energy Resource Phase 3</a>	E. Kim	Q3 2017		E2 *	Aug 2018	Sep 2018		
	<a href="#">Extend Day-Ahead Market Enhancements to EIM Entities</a>	TBD	Q2 2018				TBD	Stakeholder process schedule currently under development	
	<a href="#">Flexible Resource Adequacy Criteria and Must-Run Obligation Phase 2</a>	K. Meeusen	Jun 2015				Q4 2018		
	<a href="#">Imbalance Conformance Enhancements</a>	M. Poage	Q4 2017		E2	Apr 2018	May 2018		
	<a href="#">Interconnection Process Enhancements 2018</a>	D. Le Vine	Q1 2018				TBD		
	<a href="#">Intertie Deviation Settlement</a>	M. Poage	Q1 2018				Sep 2018		
	<a href="#">RA Enhancements (Track 1 and Track 2)</a>	TBD	Q1 2018				TBD	Stakeholder process schedule currently under development	
	<a href="#">Reliability Coordinator Services initiative</a>	P. Pettingill	Q1 2018				TBD	Stakeholder process schedule currently under development	
	<a href="#">Review of Reliability Must-Run and Capacity Procurement Mechanism</a>	K. Johnson	Q1 2018				May 2018		2018
	<a href="#">Review Transmission Access Charge Structure</a>	C. Devon	Q3 2017				Q3 2018		
<a href="#">EIM Offer Rules</a>	TBD	Q2 2018				TBD	Stakeholder process schedule currently under development		
<a href="#">Storage as Transmission Asset</a>	K. Meeusen	Q2 2018				TBD	Stakeholder process schedule currently under development		
Regional Integration	<a href="#">Regional Integration and EIM Greenhouse Gas Compliance</a>	D. Tretheway	Q3 2016		E1	TBD	TBD		
Recurring Initiatives	<a href="#">Flexible Capacity Needs Technical Study Process</a>	C. Loutan	Recurring						
	<a href="#">Budget and Grid Management Charge Process</a>	A. Gordon	Recurring				Jul 2017		
	<a href="#">2019 and 2023 Local Capacity Requirements</a>	C. Micsa	Recurring						
	<a href="#">Participating Transmission Owner Per-Unit Cost</a>	R. Emmert/ M.Wu	Recurring						
	<a href="#">Annual Policy Initiatives Roadmap Process</a>	B. Dean	Q3 2016			Jan 2018	Feb 2018		N/A
	<a href="#">2017-2018 Transmission Planning Process</a>	R. Sparks	Recurring						N/A
	<a href="#">2018-2019 Transmission Planning Process</a>	R. Sparks	Recurring						N/A
	<a href="#">2017 Tariff Clarifications Filing Process</a>	K. Meeusen	Recurring				N/A		
<a href="#">Western Regions Planning Coordination</a>	G. DeShazo	Recurring				N/A			
		Legal Lead	Start				Filing Date		
Tariff	<a href="#">2017 Expedited GIDAP Enhancements</a>	J. Foster	Q3 2017				Jan 2018		Jan 2018
	<a href="#">Aliso Canyon Gas-Electric Coordination Phase 3</a>	B. Cooper	Q2 2017		E1, E2*	Jul 2017	Jul 2017		Sep 2017
	<a href="#">Commitment Cost Enhancements Phase 3</a>	K. Osborne	Q3 2015						Q1 2018
	<a href="#">Competitive Solicitation Process Enhancements</a>	S. Ruttly	May 2015				Jan 2016		Q1 2016
	<a href="#">Contingency Modeling Enhancements</a>	P. Servedio							2018
	<a href="#">Capacity Procurement Mechanism Risk of Retirement Enhancements</a>	K. Johnson	Oct 2017						Q1 2018
	<a href="#">Consolidated Energy Imbalance Market Initiatives</a>	M. Pogue	Q2 2017		E1, E2 *	Nov 2017	Dec 2017		2018
	<a href="#">Energy Storage and Distributed Energy Resources Phase 2</a>	J. Bishara	Q1 2016		E1, E2*	Jul 2017	Jul 2017		Feb 2018
	<a href="#">Generator Contingency and Remedial Action Scheme Modeling</a>	P. Servedio	Q2 2016	10-Jul-17	E1, E2 *	Aug 2017	Sep 2017		TBD
	<a href="#">Generation Interconnection Driven Network Upgrades Cost Recovery</a>	S. Ruttly	Q3 2016				Mar 2017		Apr 2017
	<a href="#">Reactive Power Requirements and Financial Compensation</a>	C. Devon	May 2015				August 2016	Ruling: Pending	Oct 2016
	<a href="#">Reliability Services Phase 1b</a>	K. Meeusen	Q1 2016					Posted 3rd revised tariff language - No additional SH engagement activities	Apr 2017
	<a href="#">Reliability Services Phase 2</a>	E. Kim	Jun 2015				Oct 2016	Posted 3rd revised tariff language - No additional SH engagement activities	Apr 2017
	<a href="#">Resource Adequacy Availability Incentive Mechanism (RAAIM)</a>	K. Meeusen	July 2017				Nov 2017		TBD
	<a href="#">Revised Settlement Statement &amp; Dispute Timeline for T+35M</a>	T. Huynh	Dec 2015				Aug 2016	Ruling: Pending	Jan 2017
<a href="#">Petition Tariff Waiver - 2018 Availability Assessment Hours</a>	J. Bishara	Q3 2017				Aug 2017		Aug 2017	



# California ISO

<a href="#">Calendar</a>	Release / Implementation <i>(Updated Monthly)</i>	Deployment	Market Simulation Start - End		Activation	Project Manager
Winter 2017	<a href="#">EIM Idaho Power Company</a>	4/4/2018	12/1/2017	1/31/2018	Apr 2018	Joanne Alai
	<a href="#">EIM Powerex</a>	4/4/2018	12/1/2017	1/31/2018	Apr 2018	Joanne Alai
	<a href="#">EIM Winter 2017 Enhancements and EIM 2017 Enhancements (remaining)</a>	4/1/2018	12/1/2017	2/28/2018	Apr 2018	Deann MacDougall
	<a href="#">Energy storage and aggregated distributed energy resource, Phase 1C</a>	4/1/2018	12/1/2017	2/28/2018	Feb 2018	Deann MacDougall
Independent 2018	<a href="#">Black Start and System Restoration Phase 2</a>	10/1/18	N/A	N/A	Dec 2018	John Williams
Spring 2018	<a href="#">Commitment cost enhancements phase 3</a>	5/1/2018	3/1/2018	3/30/2018	Nov 2018	Ray Riley
	<a href="#">RAAIM Calculation Modifications</a>	5/1/2018	1/16/2018	2/16/2018	Jul 2018	Jeremy Malekos
	<a href="#">Reliability Services 2017</a>	3/15/2018	12/5/2017	1/31/2018	May 2018	Marci Stuckey
	<a href="#">RIMS functional enhancements</a>	3/27/2018	N/A	N/A	Mar 2018	Marcelo Da Costa
	<a href="#">SIBR UI Upgrade</a>	5/1/2018	2/27/2018	4/27/2018	May 2018	John Williams
Fall 2018	<a href="#">Aliso Canyon Gas-Electric Coordination Phase 3 (system changes)</a>	10/1/2018	N/A	N/A	Oct 2018	John Williams
	<a href="#">ADS Replacement</a>	10/1/2018	7/17/18	8/31/18	Oct 2018	John Williams
	<a href="#">Commitment cost and Default Energy Bid Enhancements</a>	10/1/2018	TBD	TBD	Oct 2018	Ray Riley
	<a href="#">Contingency modeling enhancements</a>	10/1/2018	7/17/18	8/31/18	Oct 2018	Adrian Chiosea
	<a href="#">CPM Risk-of-Retirement</a>	10/1/2018	N/A	N/A	Oct 2018	Adrian Chiosea
	<a href="#">EIM Greenhouse Gas Compliance</a>	10/1/2018	TBD	TBD	Oct 2018	Ray Riley
	<a href="#">Energy storage and aggregated distributed energy resource, Phase 2</a>	10/1/2018	7/17/18	8/31/18	Oct 2018	Mohan Koya
	<a href="#">Generator contingency/RAS modeling</a>	10/1/2018	7/17/18	8/31/18	Oct 2018	Adrian Chiosea
<a href="#">Settlements Performance Improvements</a>	10/1/2018	7/17/18	8/31/18	Oct 2018	Adrian Chiosea	
Spring 2019	<a href="#">EIM - Balancing Authority of Northern California (BANC)/SMUD</a>	4/1/2019	12/1/2018	1/31/2019	Apr 2019	Ayman Fattah
	<a href="#">EIM - LADWP</a>	4/1/2019	12/1/2018	1/31/2019	Apr 2019	Ayman Fattah
Fall 2019	<a href="#">Congestion Revenue Right auction efficiency</a>	7/1/2019	TBD	TBD	Jul 2019	Adrian Chiosea
	<a href="#">Enhanced Day-Ahead Market</a>	10/1/2019	TBD	TBD	Oct 2019	Adrian Chiosea
	<a href="#">Flexible resource adequacy criteria and must run obligation phase 2</a>	10/1/2019	TBD	TBD	Oct 2019	Adrian Chiosea
	<a href="#">Review Transmission Access Charge Structure</a>	10/1/2019	TBD	TBD	Oct 2019	Adrian Chiosea
Spring 2020	<a href="#">EIM - Seattle City Light</a>	4/1/2020	12/1/2019	1/31/2020	Apr 2020	Ayman Fattah
	<a href="#">EIM - Salt River Project</a>	4/1/2020	12/1/2019	1/31/2020	Apr 2020	Janet Morris
TBD	<a href="#">Imbalance Conformance Enhancements (ICE)</a>	TBD	TBD	TBD	TBD	Adrian Chiosea
	<a href="#">ESDER Phase 3</a>	TBD	TBD	TBD	TBD	Ray Riley
	<a href="#">Intertie Deviation Settlement</a>	TBD	TBD	TBD	TBD	Adrian Chiosea
	<a href="#">Variable Energy Resource Dispatch Operating Point (VER DOT)</a>	TBD	TBD	TBD	TBD	Adrian Chiosea



### **Changes 3/9**

#### *Policy & Tariff Development Updates*

Updated Market Surveillance Committee dates for the Congestion Revenue Rights Auction Efficiency and the Commitment Costs

and Default Energy Bid Enhancements initiatives

Updated initiative name for Storage as Transmission Facility (now Storage as a Transmission Asset)

### **Changes 3/2**

#### *Policy & Tariff Development Updates*

Updated timeline for Business Practice Manual Change Management meetings

Updated timeline for Market Performance and Planning Forum recurring bi-monthly meetings (tentative dates included)

Updated timeline for Day-Ahead Market Enhancements initiative

Updated the Flexible Capacity Needs Technical Study Process April date(s)

Updated March meeting date for ESDER Phase 3

Removed 2018 and 2022 Local Capacity Requirement

Removed 2017 and 2021 Local Capacity Requirement

Updated the FRACMOO2 timeline with tentative meetings

Removed Black Start and System Restoration Phase 2 from spreadsheet (initiative has been completed)

### **Changes 2/23**

#### *Policy & Tariff Development Updates*

Removed month of January

Updated the FRACMOO2 timeline (with the targeted 4/6/18 posting of next iteration)

Updated the Day-Ahead Market Enhancements timeline and targeted Board dates

Updated the Storage as a Transmission Facility initiative with the policy lead

Updated the annual Western Regional Planning Coordination timeline (reflecting upcoming comments due date)

Removed the Intertie Deviation Settlement current timeline (initiative in short delay and new schedule in development)

#### *Implementation Milestones Updates:*

Removed Frequency Response Phase 2 from Fall 2019 as inactive

Moved RAIM Calculation Modifications, Reliability Services 2017, and RIMS functional enhancements from Winter 2017 to Spring

2018 to reflect schedule change

Updated Congestion Revenue Right Auction Efficiency dates to reflect July 2019 rather than October 2019 deployment/activation

## **Changes 2/16**

### *Policy & Tariff Development Updates*

Updated the Energy Storage and Distributed Energy Resources Phase 3 schedule (to reflect correct straw proposal posting date)

## **Changes 2/8**

### *Policy & Tariff Development Updates*

Updated the Flexible Resource Adequacy and Must Offer Obligations schedule

Updated the Intertie Deviation Settlement schedule

Updated the Congestion Revenue Rights Auction Efficiency schedule (to reflect latest proposal posting date)

Updated Participating Transmission Owner Per Unit Cost Guides Schedule (recurring process update)

### *Implementation Milestones Updates:*

Removed OMS Generation Nature of Work Updates as complete

Updated dates for Winter 2017 release projects (see RUG slides for more details)

Updated Market Simulation dates for SIBR UI Upgrade

Updated Market Simulation dates for Fall 2018 release

## **Changes 2/2**

### *Policy & Tariff Development Updates*

Updated upcoming proposal publication date and associated meeting/comments dates for the Energy Storage and Distributed

Energy Resources Phase 3 initiative

Updated schedule for the annual Flexible Capacity Technical Needs Assessment process

Updated schedule for the Commitment Costs and Default Energy Bid Enhancements initiative

Added schedule for new Day Ahead Market Enhancements initiative (issue paper phase)

Updated schedule for Imbalance Conformance Initiative (draft final proposal phase)

## **Changes 1/26**

### *Policy & Tariff Development Updates*

Updated schedule for the Regional Integration and EIM Greenhouse Gas Enhancements

Updated schedule for the Review RMR and CPM Revisions initiative

Rescheduled the ESDER3 Feb. 15 call to Feb. 21

Updated the Intertie Deviation Settlement Apr. 12 meeting to Apr. 11

Moved the Generator Contingency and Remedial Action Scheme Modeling initiative to the Tariff Development section

Updated the Flexible Capacity Technical Needs Assessment annual recurring initiative to show 1/15/18 comments deadline

Updated the EIM Governing Body meetings timeline (added Nov date)

Updated the Board of Governor's meetings timeline (removed Oct date as it is not a general session)

Updated the Commitment Costs and Default Energy Bid Enhancements remaining schedule  
Updated the Imbalance Conformance Enhancements initiative shedule  
Updated the schedule for the Annual Policy Initiatives Roadmap recurring initiative

## **Changes 1/19**

### *Policy & Tariff Development Updates*

Replaced RT Sufficiency initiative with EIM Offer Rules initiative, per the 2018 final Policy Initiatives Roadmap (EIM Offer Rules

will consist of both RT Resource Sufficiency and the EIM DEB Option initiatives)

Remove 2016-2017 Transmission Planning Process

Added 2018-2019 Transmission Planning Process

Moved Contingency Modeling Enhancements to tariff section

### *Implementation Milestones Updates:*

Removed Independent 2017 and added Independent 2018

Removed EIM 2017 Enhancements as completed

Removed Support for Imperial Valley Phase Shifter as completed

Moved SIBR UI Upgrade to Spring 2018 (from Independent 2017)

Moved EIM Greenhouse Gas Compliance to Fall 2018 from Spring 2018

Moved EIM - Seattle City Light to Spring 2020 (from Spring 2019)

Moved Generator contingency/RAS modeling to Fall 2018 from Fall 2019

Moved CPM Risk-of-Retirement from Spring 2018 to Fall 2018

Moved Energy storage and aggregated distributed energy resource, Phase 2 from Spring 2018 to Fall 2018

Moved ADS Replacement from Fall 2019 to Fall 2018

Added Enhanced Day-Ahead Market to Fall 2019

Removed Real-Time Market Enhancements from Fall 2019

Updated dates per 1/16/18 RUG slides

Updated Project Manager assignments

Added TBD section

## **Changes 1/12**

### *Policy & Tariff Development Updates:*

Added the Clarification of Tariff Rules Regarding Following DOT (one-off) initiative

Updated the Market Performance and Planning Forum (recurring meeting) timeline

Updated ISO Board of Governors (recurring meeting) timeline

Updated the EIM Governing Body (recurring meeting) timeline

Added the Review RMR and CPM Revisions initiative and current timeline

Added the RA Enhancements (Track 1 and Track 2) initiative

Added the RC Services initiative

Added the RT Resource Sufficiency initiative

Added the Storage as a Transmission Facility initiative

Added the DAM Enhancements for EIM Entities initiative

Added the DAM Enhancements initiative

Added the Intertie Deviation Settlement initiative and tentative timeline

Added the Interconnection Process Enhancements initiative and current timeline

Updated the Western Regional Planning Forum (recurring meeting) timeline  
Updated the Congestion Revenue Rights Auction Efficiency timeline  
Updated the Annual Policy Initiatives Roadmap Process (recurring initiative) timeline (updated Board meeting date)  
Updated the Commitment Costs and Default Energy Bid Enhancements timeline

### **Changes 1/5**

#### *Policy & Tariff Development Updates:*

Removed month of December from initiative timelines  
Updated the Tariff filing date for the expedited GIDAP initiative  
Updated the Commitment Costs and Default Energy Bids Enhancements initiative January comments deadline

### **Changes 12/21**

#### *Policy & Tariff Development Updates:*

Updated the CRR Auction Efficiency initiative schedule (tentative dates beyond Jan 8 comments due date)  
Updated ESDER EIM GB meeting and comments due date  
Updated review TAC with paper, meeting and comments dates

### **Changes 12/14**

#### *Policy & Tariff Development updates:*

Updated Commitment Cost Enhancements Phase 3 proposed tariff filing date  
Updated the Annual Policy Initiatives Roadmap Process schedule (added Board and EIM Governing Body dates)  
Updated the Energy Storage and Distributed Energy Resources Phase 2 tariff filing date to February 2018  
Updated 2017 Expedited GIDAP Enhancements schedule for tariff development  
Added Resource Adequacy Availability Incentive Mechanism (RAAIM) to tariff section

### **Changes 12/7**

#### *Policy & Tariff Development updates:*

Removed month of November from timeline  
Updated EIM Governing Body meetings schedule  
Updated Board of Governors meetings schedule  
Updated Market Surveillance Meetings schedule  
Updated Commitment Costs and Default Energy Bid Enhancements schedule  
Updated Energy Storage and Distributed Energy Resources Phase 3 initiative schedule  
Added EIM Gov. Body and Board meeting proposed dates for the Imbalance Conformance Enhancements initiative

### **Changes 12/1**

#### *Policy & Tariff Development updates:*

Updated ESDER3 schedule (upcoming workshop rescheduled to TBD, tentatively to Jan 16)  
Updated Imbalance Conformance Enhancements schedule - Rescheduled call to Dec 8 from Dec 6  
Updated Consolidated EIM Initiatives schedule - Revised draft tariff language

### **Changes 11/29**

#### *Policy & Tariff Development updates:*

Updated Review TAC Structure schedule- Next phase straw proposal  
Updated Commitment Cost Enhancements Phase 3 tariff process schedule  
Added new Imbalance Conformance Enhancements initiative to policy development section

#### *Implementation Milestones updates:*

Updated dates per 11/21/17 RUG slides  
Added Settlements Performance Improvements in Fall 2018 Release

### **Changes 11/17**

#### *Policy & Tariff Development updates:*

Added the Congestion Revenue Rights Auction Efficiency initiative (upcoming initiative, but still in pre-initiative status/analysis)  
Updated ESDER2 tariff development timeline  
Updated ESDER3 12/7 workshop date to 12/11  
Added meeting and comments dates for CPM ROR

### **Changes 11/10**

#### *Policy Development updates:*

Added potential 12/7 workshop to ESDER3 schedule (may be canceled depending on comments received from the 11/6 workshop)  
Moved the Consolidated EIM Initiatives from Policy to the Tariff Development section  
Review TAC Structure - Schedule under development; updated schedule to be announced in a future market notice

#### *Implementation Milestones updates:*

Removed Fall 2017 release as it completed with PGE activation on 10/1/17 and BRE-B and Gas Burn Reports on 11/1/17.  
Added OMS Generation Nature of Work as Independent 2017  
Removed Temporary Shutdown of Resource Operations from release plan (no longer active policy)  
Removed CIRA Technology Upgrade from Fall 2018 release  
Updated meeting date for FRACMOO  
Updated dates per 11/7/17 RUG slides

### **Changes 11/3**

*Policy Development updates:*

Updated schedule for the Annual Policy Initiatives Roadmap Process recurring initiative  
[Added months of April 2018 - December 2018 to the Policy Development timeline]  
[Deleted month of September from the Policy Development timeline]  
Added the 2019 and 2034 Local Capacity Study schedule  
Updated the Market Surveillance Committee schedule

**Changes 10/27**

*Policy Development updates:*

Updated schedule for Regional Integratrion and EIM GHG Compliance initiative (for attribution report)  
Deleted dates related to the Review TAC Structure initiative - new schedule will be announced in November  
Moved the CPM Risk of Retirement initiative to tariff section  
Added dates for the FRACMOO2 initiative  
[Added link to ISO calendar in top left (corner) column header]

**Changes 10/19**

*Policy Development updates:*

Added EIM Body of State Regulators timeline in Recurring Meetings section  
Updated Nov meeting date for the EIM Regional Issues Forum  
Added proposed Tariff filing date for Commitment Cost Enhancements Phase 3  
Deleted Oct 29 EIM Governing Body meeting (canceled)  
Deleted month of Aug / added months of Jan-Mar 2018  
Updated FRACMOO2 Board date  
Updated GCARM Board date  
Added October dates for CPM ROR  
Deleted Temporary Suspension of Resource Operations (initiative closed; see also 10/17 market notice for details)

**Changes 10/13**

*Policy Development updates:*

Added Nov workshop and new comments date to the Energy Storage and Distributed Energy Resources Phase 3 initiative

**Changes 10/4**

*Policy Development updates:*

Added next Transmission Planning Process stakeholder meeting  
Added Market Surveillance Committee Meeting for November  
Added Tariff filing date for Aliso Canyon Phase 3 initiative  
EIM Consolidated Initiatives - Accepting supplemental comments on draft final proposal



2017 Expedited GIDAP Enhancements - Updated schedule TBD  
Review TAC Structure - Added Nov 9 meeting to discuss straw proposal

### **Changes 9/29**

#### *Implementation Milestone Updates:*

Removed Consolidated Energy Imbalance Market Initiatives from Release Plan (remaining policy changes to be implemented

with EIM Winter Enhancements

Updated Independent 2017 to include projects that were disaggregated from the Fall 2017 Release

Updated various milestone dates for Independent 2017 to match RUG presentation dated 9/26/17

Updated projects in Fall 2018 and Fall 2019 release to match policy roadmap

### **Changes 9/29**

#### *Policy Development updates:*

Contingency modeling enhancements board date

EIM consolidated initiatives board dates

add dates for Review TAC structure

### **Changes 9/8**

#### *Policy Development updates:*

Updated date for next CPM Risk of Retirement stakeholder call

Updated schedule for the Contingency Modeling Enhancements initiative (Board date deferred from Sep to Nov)

### **Changes 9/1**

#### *Policy Development updates:*

Removed month of July

Added EIM Regional Issues Forum meetings to list and updated schedule

Updated Energy Storage and Distributed Energy Resources Phase 2 proposed tariff filing date

Added "E2" EIM Category designation to the Consolidated Energy Imbalance Market Initiatives

Update September meeting dates for Temporary Shutdown of Resource Operations, CPM Risk of Retirement and FRACMOO2

Updated 2017 Expedited GIDAP Enhancements schedule for Draft Final Proposal phase

Review TAC Structure - Comments deadline for the Aug 29 will be extended; look for dates and details in a future market notice

"Inactive Initiatives" tab created; moved the following initiatives to this tab:

Bid cost recovery enhancements

Frequency response phase 2

Self-schedules bid cost recovery allocation and bid floor

Regional Resource adequacy (regional integration)  
Transmission access charge (regional integration)

### **Changes 8/22**

#### *Implementation Milestones updates:*

Separated Winter 2017 and Spring 2018 releases and updated accordingly based on discussion in the 8/29/17 RUG meeting

Removed Aliso Canyon Phase 3 from Independent 2017

Updated dates of Independent 2017 projects as discussed in the 8/29/17 RUG meeting

Updated dates of Fall 2017 market simulation as discussed in the 8/29/17 RUG meeting

### **Changes 8/28**

#### *Policy Development updates:*

Removed these inactive initiatives from main tab and moved them to the newly-created "Inactive Initiatives" tab:

-Bid Cost Recovery Enhancements

-Frequency Response Phase 2

-Self-Schedules Bid Cost Recovery Allocation and Bid Floor (inactive but not previously on milestones document)

-Regional Resource Adequacy (RA)

-Transmission Access Charge Options

### **Changes 8/22**

#### *Policy Development updates:*

Deleted schedule for Regional Integration and EIM GHG Compliance initiative - New schedule TBD

Updated upcoming dates for ISO Board of Governor meetings, Market and Surveillance Committee meetings, EIM Governing

Body meetings and BPM Change Management meetings

### **Changes 8/16**

#### *Policy Development updates:*

Deleted meeting dates for TRSO for Aug/Sep

Added dates for the preliminary results TPP meeting.

### **Changes 8/11**

#### *Policy Development updates:*

Added "E2" designation to Generator Contingency and Remedial Action Scheme Modeling, to reflect the EIM Governing Body's

advisory role within one elements of the initiative (in addition to an existing element of the initiative that currently falls within

the EIM Governing Body's primary authority ("E1" designation))

Updated Commitment Costs and Default Energy Bid Enhancements comments due date

#### **Changes 8/4**

##### *Policy Development updates:*

Updated the CCDEBE Schedule

Moved Energy Storage and Distributed Energy Resources Phase 2 from Policy to Tariff section

[Removed the month of June]

Inserted the Tariff Waiver filing for the 2018 Availability Assessment Hours (a non-initiative, but requires an impact assessment)

#### **Changes 7/28**

##### *Policy Development updates:*

Moved Aliso Canyon Gas-Electric Coordination Phase 3 initiative to Tariff section; updated Tariff timeline

Updated Commitment Cost Enhancements Phase 3 initiative Tariff timeline

##### *Implementation Milestone updates:*

Added Support for Imperial Valley Phase Shifter as Independent 2017

Added CMRI Access Control Level Enhancement as Independent 2017

Moved Commitment cost enhancements phase 3 from Fall 2017 to Winter 2017 / Spring 2018

Aliso Canyon Phase 3 will have non-system changes in 2017 and system changes in Fall 2018

Moved Flexible resource adequacy criteria and must run obligation phase 2 from Fall 2018 to Fall 2019

Added Energy storage and aggregated distributed energy resource, Phase 1C to Winter 2017 / Spring 2018

Added Congestion Revenue Right auction efficiency to Fall 2019

Other minor edits to match with RUG slides

#### **Changes 7/20**

Added new initiative and schedule - Generation Interconnection and Deliverability Allocations Procedures

Updated schedule for the Consolidated Energy Imbalance Market initiative

#### **Changes 7/14**

Annual Policy Initiatives Roadmap recurring initiative - updated schedule

#### **Changes 7/10**

Energy Storage and Distributed Energy Resources Phase 2 - updated EIM category

Grid Management Charge recurring initiative MSC date added

### **Changes 7/5**

Moved Temporary Suspension of Resource Operations (no system changes expected) from Fall 2018 to Spring 2018

Moved Capacity Procurement Mechanism – risk-of-retirement (no system changes expected) from Fall 2018 to Spring 2018

Moved Energy Storage and DER Phase 2 (tentative) from Fall 2018 to Spring 2018 to align with the DRS replacement

Added EIM greenhouse gas compliance to Spring 2018

removed Creation of new TAC area for metropolitan water district of southern california - completed

### **Changes 6/29**

Updated stakeholder initiative catalog" to "policy initiatives roadmap" and updated Board date

Removed BlackStart and System Restoration Phase 2 from policy development section (captured in Tariff section)

Corrected Board date for Contingency Modeling Enhancements initiative

Updated Generator Contingency and Remedial Action Scheme Modeling with updated EIM category

Updated Aliso Canyon Gas-Electric Coordination Phase 3 with updated EIM category

### **Changes 6/23**

Regional Integration and EIM Greenhouse Gas Compliance - updated policy schedule

Consolidated EIM Initiatives - Updated policy schedule

Pricing Enhancements - Initiative completed; deleted from milestone document

### **Changes 6/21**

Updated template (removed April)

### **Changes 6/20/2017**

MRI-Settlements implementation complete on 6/21/17. Removed from report.

Administrative Pricing Policy Updates completed on 5/2/17. Removed from report.

Forecasting & Data Transparency Improvements (PIRP System Application Decommissioning) completed on 6/20/17. Removed from report.

Added EIM- Powerex Implementation in Spring 2018

Added EIM- LADWP Implementation in Spring 2019

Added EIM Winter 2017 Enhancements to Spring 2018

Moved Reliability Services 2017 from Fall 2017 to Spring 2018

Added RAAIM Implementation Update to Fall 2017 Release

DRS Replacement moved from TBD to Spring 2018

Added Temporary Suspension of Resource Operations, CPM Risk of Retirement, and Consolidated Energy Imbalance Market Initiatives to Fall 2018 release

Moved other TBD initiatives to Fall 2019

Updated market simulation dates for Fall 2017 release

**Changes 6/9/17**

New initiative: Consolidated Energy Imbalance Market Initiatives (policy)

**Changes 6/8/2017**

Updated Commitment Cost and Default Energy Bid Enhancements initiative proposed EIM Governing Body date

Updated Generator Contingency and Remedial Action Scheme Modeling initiative proposed Board date

**Changes 6/6/2017**

Load Serving Entity Definition Refinement - Initiative closed; removed from milestone document

Added Aliso Canyon Gas-Electric Coordination Phase 3

Added hyperlinks for TSRO and CPM Risk-of-Retirement

**Changes 6/2/2017**

Reliability Services Phase 2 - Updated schedule (tariff)

Review TAC Structure - Updated schedule (policy)

Updated (clarified) leads for Energy Storage and Distributed Energy Resources, Phase 2 and Phase 3

**Changes 5/25/2017**

Added the next MSC meeting date.

Updated the Commitment Costs and Default Energy Bid Enhancements Schedule

**Changes 5/19/2017**

Corrected start date error (Q3 2016 to Q3 2017) for Energy Storage and Distributed Energy Resources Phase 3 initiative

**Changes 5/11/2017**

Updated lead change for Energy Storage and Distributed Energy Resources Phase 2 initiative

**Changes 5/4/2017**

Added workshop for the Black Start and System Restoration Phase 2 initiative.

Added two dates for the 2018 Budget and Grid Management Charge initiative.

**Changes 5/2/2017**

Spring 2017 deployed and activated on 5/2/17 and removed from report.

**Changes 4/27/2017**

Moved Spring 2017 release and Administrative Pricing Policy Updates deployment date from 4/18/17 to 5/2/17

Updated Energy Storage and Distributed Energy Resources Phase 2 schedule for June

Added EIM - Salt River Project to Spring 2020 release.

Removed Expanding metering and telemetry options phase 2 from tariff section as it is complete

Updated the Commitment Costs and Default Energy Bid Enhancements Schedule

Added Black Start and System Restoration Phase 2 Tariff

**Changes 4/21/2017**

Updated Temporary Suspension of Resource Operations schedule through Oct 2017

Updated CPM risk-of-retirement schedule through Oct 2017

**Changes 4/21/2017**

Energy Storage and Distributed Energy Resources Phase 1 - Removed from document; it was implemented in Fall 2016

Updated Generation Interconnection Driven Network Upgrades Cost Recovery initiative Tariff filing date for April 2017

Updated Commitment Costs and Default Energy Bid Enhancements schedule for comments and next working group in May.

**Changes 4/14/2017**

Updated comments due date for Flexible Capacity Needs Technical Studies recurring initiative

Updated schedule for Energy Storage and Distributed Energy Resources Phase 2 initiative

Added Black Start and System Restoration Phase 2 as an Independent 2017 project.

Removed Metering Rules Enhancements as it completed on 4/10/17.

Removed Acceptable Use Policy - CMRI as it completed on 4/3/17.

Added SIBR UI upgrade to Fall 2017 Release

Removed Bid cost recovery enhancements (formerly two-tier) from Fall 2018 Release per policy status

Added CIRA Technology Upgrade to Fall 2018 Release (rescoped from RSI 1B project)

Moved Energy storage and aggregated distributed energy resource, Phase 2 from TBD to Fall 2018 Release per policy

Moved Frequency Response Phase 2 from Fall 2018 Release to TBD per policy

Moved Generator contingency/RAS modeling from Fall 2018 Release to TBD per policy

Removed Stepped Constraint Parameters from TBD per policy

Review Transmission Access Charge Structure - Added to Policy section; Note: Stakeholder process will start mid-year 2017.

**Changes 4/7/2017**

Regional and EIM CA GHG Compliance - Updated policy schedule

Updated schedule for the Flexible Capacity Technical Study Process initiative

Moved Generator Interconnection Driven Networks Upgrade Cost Recovery initiative to Tariff section

Removed outdated schedule for the Flexible Resource Adequacy Must Offer Obligation Phase 2 initiative

**Changes 3/31/17**

Updated MSC schedule for May 5 meeting

Updated Flexible Capacity Needs Technical Study Process schedule (moved paper posting from April 6 to March 31)

**Changes 3/23/17**

Frequency Response Phase 2 - Updated schedule and removed working group for March 24.

Generator Contingency and Remedial Action Scheme Modeling - Updated schedule (comments due date)

Metering Rules Enhancements - Removed from policy and tariff sections; it's now in implementation phase  
CRR Clawback Modifications - Removed from tariff section; it's now in implementation phase

### **Changes 3/17/17**

Updated the schedule for Generator Contingency and Remedial Action Scheme Modeling initiative  
Updated the schedule for Generator Interconnection Driven Network Upgrades Cost Recovery initiative  
Updated the schedule for Energy Storage and Distributed Energy Resources initiative  
Updated the schedule for the Flexible Capacity Technical Needs Study initiative  
Added new initiative (Creation of a New TAC Area for Metropolitan Water District of California) and updated the schedule  
Updated the schedule for the Frequency Response Phase 2 initiative  
Updated the schedule for Commitment Costs and Default Energy Bid Enhancements initiative

### **Changes 3/10/17**

Stepped Constraint Parameters - Initiative has been closed; ISO will coordinate with stakeholders to further consider a more comprehensive review of penalty prices used in the ISO market under this initiative, which is needed in conjunction with Federal Energy Regulatory Commission Order No. 831 that increases the energy bid cap  
Energy Storage and Distributed Energy Resources Phase 2 - Updated schedule for next proposal, comments due date and meeting  
2017-18 Transmission Planning Process - Inserted link to CAISO's initiative webpage

### **Changes 3/3/17**

Metering Rules Enhancements - Updated Tariff filing date  
Generator Contingency & Remedial Action Scheme - Updated schedule for proposal  
Contingency Modeling Enhancements - Updated schedule for proposals, BOG date  
Flexible Resource Adequacy & Must Offer Obligation Phase 2 - Updated schedule for proposal, BOG date  
Energy Storage & Aggregated Distributed Energy Response - Updated initiative lead and schedule, proposed BOG date  
Reliability Services Phase 2 - Updated Tariff filing date  
Stepped Constraint Parameters - Updated schedule for upcoming meetings, proposals  
CRR Clawback Rule Modifications - Updated pending FERC ruling  
Frequency Response Phase 2 - Updated BOG date

### **Changes 2/28/17**

Added EIM - Balancing Authority of Northern California (BANC) for Spring 2019  
Reactive power requirements and financial compensation effectiveness on 3/6 is pending FERC approval.  
Update MRI-S Metering Enhancements market simulation and activation dates.  
Added Gas Burn Report to Fall 2017 Release  
Updated activation date for Administrative Pricing Policy Updates to 4/1/17  
Several other minor updates made in milestones dates to match 2/28/17 RUG slides

### **Changes 2/24/17**

Stepped Constraint Parameters - Added schedule for next proposal

Black Start and System Restoration Phase - Added comments deadline for recent proposal

**Changes 2/15/17**

Reliability Services - Updated tariff schedule (phase 1b and 2 will be filed together)

Added comments deadline for Frequency Response Phase 2

Added next MSC meeting date

PTO Per Unit Cost Guides - Updated comments deadline date

2017 Tariff Clarification Filing Process - New schedule added (miscellaneous changes to in advance of broader filing\_

**Changes 2/3/17**

Updated EIM categories and proposed meetings dates based on Feb 2017 policy outlook briefing

**Changes 1/30/17**

Generation Interconnection Driven Network Upgrades Cost Recover - updated policy schedule

**Changes 1/26/17**

Stepped Constraint Parameters - Updated schedule (policy)

Participating Transmission Owner Per Unit Cost Guides - Updated schedule (Recurring initiatives)

CRR Clawback Rule Modification - Added note to indicate tariff filing

**Changes 1/23/17**

Black Start and System Restoration Phase - updated policy schedule

**Changes 1/20/17**

Generation Interconnection Driven Network Upgrades Cost Recover - updated policy schedule

**Changes 1/17/17**

Removed ADS Client Replacement (completed)

Added Spring 2017 Release with existing projects with a target deployment date of 4/1/17

Updated the Fall 2017 Release date of 10/1/17 to be 11/1/17 and rescheduled market simulation dates

Moved ESDER Phase 2 and Stepped Transmission Constraints from Fall 2018 to TBD for implementation

**Changes 1/9/17**

Stepped Constraint Parameters - New stakeholder schedule (policy development)

**Changes 1/6/17**

Updated the Black Start schedule



