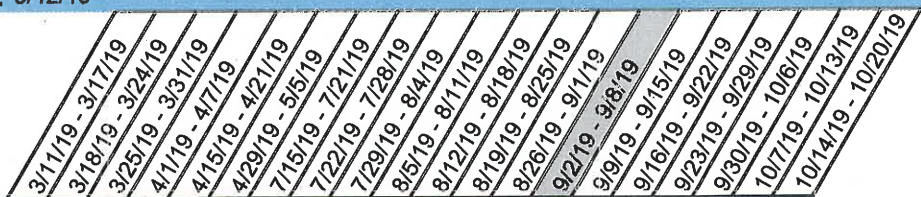


Date of Data Refresh: 3/12/19



California ISO

Legend	
Market Simulation	CA ISO Holiday
External Testing	Deployment Week



MAP Stage Environment Window

CRR 1B CMRI Report	CRR 1B CMRI Report (03/01-03/21)
CRR 1B - CMRI Report External Testing Starts	CRR 1B - CMRI Report External Testing Starts (03/12)
EIM Resource Sufficiency - Capacity & Sufficiency	EIM Resource Sufficiency - Capacity & Sufficiency (03/25-04/16)
EIM Resource Sufficiency - Capacity & Sufficiency - External Testing Starts	EIM Resource Sufficiency - Capacity & Sufficiency - External Testing Starts (03/27)
CCDEBE Phase 1	CCDEBE Phase 1 (07/15-
CCDEBE Phase 1 - Market Sim	CCDEBE Phase 1 - Market Sim (07/15-08/30)
ESDER Phase 3A	ESDER Phase 3A (07/15-08/30)
ESDER Phase 3A - Market Sim	ESDER Phase 3A - Market Sim (07/15-08/30)
RMR and CPM Enhancements	RMR and CPM Enhancements (07/15-08/30)
RMR and CPM Enhancements - Market Sim	RMR and CPM Enhancements - Market Sim (07/15-08/30)
LMPM - Enhancements	LMPM - Enhancements (07/15-08/30)
LMPM - Enhancements - Market Sim	LMPM - Enhancements - Market Sim (07/15-08/30)
EIM Enhancements 2019	EIM Enhancements 2019 (07/15-08/30)
EIM Enhancements 2019 - Market Sim	EIM Enhancements 2019 - Market Sim (07/15-08/30)

Production Environment Window

CRR 1B CMRI Report	CRR 1B CMRI Report (03/21)
Commitment Cost Phase 3 Activation	Commitment Cost Phase 3 Activation (04/01)
EIM - BANC-SMUD	EIM - BANC-SMUD (04/03)
EIM Resource Sufficiency - Capacity & Sufficiency	EIM Resource Sufficiency - Capacity & Sufficiency (04/16)
LMC Transparency Enhancement	LMC Transparency Enhancement (05/01)
CCDEBE Phase 1	CCDEBE Phase 1 (10/01)
ESDER Phase 3A	ESDER Phase 3A (10/01)
RMR and CPM Enhancements	RMR and CPM Enhancements (10/01)
LMPM - Enhancements	LMPM - Enhancements (10/01)
EIM Enhancements 2019	EIM Enhancements 2019 (10/01)



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

Calendar	Initiatives (Updated Weekly)	Initiative Lead	Start	Discuss at MSC	EIM Category (E1-E4)	Proposed EIM Governing Body Meeting	Proposed Board Meeting	Notes	Proposed Tariff Filing Date
Recurring Meetings	ISO Board of Governors meetings	N/A	Recurring						
	EIM Governing Body meetings	N/A	Recurring						
	Market Performance and Planning Forum meetings	J. Morris	Recurring						
Policy Development	Congestion Revenue Rights Auction Efficiency (Track 2)	P. Servedio	Q1 2018				TBD	Stakeholder process schedule currently under development	
	Day-Ahead Market Enhancements Phase 1	M. Poage	Q1 2018		E4	Jun 2019	Jul 2019	Posting of the draft final proposal (currently set for publishing in Q1 2019) pending further internal assessment until the technical feasibility of this initiative has been determined	
	Day-Ahead Market Enhancements Phase 2	M. Poage	Q1 2018	5-Apr-19	TBD	Sep 2019	Oct 2019		
	Energy Storage and Aggregated Distributed Energy Resource Phase 4	E. Kim	Q1 2019		E2		Q4 2019		
	Excess Behind the Meter Production	G. Murtaugh	Q2 2018				May 2019		
	Extend Day-Ahead Market Enhancements to EIM Entities	TBD	TBD				TBD	Schedule currently under development	
	Local Market Power Mitigation Enhancements	B. Dean	Q3 2018		E1, E2 *	Mar 2019	Mar 2019	Previously referred to as EIM Offer Rules	
	RA Enhancements	C. Devon	Q4 2018	5-Apr-19			Nov 2019		
	Reliability Must-Run and Capacity Procurement Mechanism Enhancements	K. Johnson	Q1 2018				Mar 2019		
	Transmission Access Charge Structure Enhancements	C. Devon	Q3 2017				Q1/Q2 2019	Previously referred to as Review Transmission Access Charge Structure	
Storage as a Transmission Asset	K. Meeusen	Q2 2018				Q3 2019	Schedule currently TBD pending ESDERA's interim development of broader policy issues		
Recurring Initiatives	Flexible Capacity Needs Technical Study Process	C. Loutan	Recurring				N/A		
	Budget and Grid Management Charge Process	A. Gordon	Recurring				Dec 2018	2018 process completed	
	2019 and 2023 Local Capacity Requirements	C. Micsa	Recurring				N/A		
	Participating Transmission Owner Per-Unit Cost	R. Emmert/ M. Wu	Recurring				N/A		
	Annual Policy Initiatives Roadmap	B. Dean	Q3 2016			Nov 2019 (Briefing)	Dec 2019 (Briefing)		N/A
	2018-2019 Transmission Planning Process	R. Sparks	Recurring				Q2 2019		N/A
	2019-2020 Transmission Planning Process	R. Sparks	Recurring				Q2 2020		N/A
	2017 Tariff Clarifications Filing Process	K. Meeusen	Recurring				N/A		
Western Regions Planning Coordination	G. DeShazo	Recurring				N/A			
		Legal Lead	Start						
Tariff Development	Commitment Costs and Default Energy Bid Enhancements	B. Dean	Q4 2016		E2		Mar 2018		TBD
	Commitment Cost Enhancements Phase 3	B. Cooper	Q3 2015				Mar 2016		Feb 2019
	Contingency Modeling Enhancements	P. Servedio	Mar 2013				Dec 2017		TBD
	Energy Storage and Aggregated Distributed Energy Resource Phase 3	E. Kim	Q3 2017		E2	Aug 2018	Sep 2018	Stakeholder process schedule for tariff development currently TBD	Q3 2019
	Reliability Must-Run and Capacity Procurement Mechanism Enhancements	K. Johnson							
	Intertie Deviation Settlement	M. Poage	Q2 2018		E2	Jan 2019	Feb 2019		
	Interconnection Process Enhancements 2018	D Le Vine	Q3 2018				Feb 2019		TBD (4 of 4)



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

Calendar	Initiatives	Initiative Lead	Start	Discuss at MSC	EIM Category (E1-E4)	Proposed EIM Governing Body Meeting	Proposed Board Meeting	Notes	Proposed Tariff Filing Date
Policy	Bid Cost Recovery Enhancements (Formerly Two-Tier Allocation)	P. Servedio	Q4 2015		E2		TBD	Subsequent activities on this initiative have not	TBD
	Flexible Resource Adequacy Criteria and Must-Run Obligation Phase 2	K. Meeusen	Jun 2015				Nov 2018		
	Frequency Response Phase 2	C. Colbert	Dec 2016				TBD	Subsequent activities on this initiative have not	TBD
	Self-Schedules Bid Cost Recovery Allocation and Bid Floor		Aug 2016				TBD	Subsequent activities on this initiative have not	TBD
Regional Integration	Regional Resource Adequacy	C. Devon	Nov 2015				TBD	Subsequent activities on this initiative have not been planned or scheduled.	TBD
	Transmission Access Charge Options	L. Kristov	Oct 2015				TBD	Subsequent activities on this initiative have not been planned or scheduled.	TBD
Recurring Initiatives	N/A								
		Legal Lead	Start				Filing Date		
Tariff	N/A								

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



Calendar	Release / Implementation <i>(Updated Monthly)</i>	Deployment	Market Simulation Start - End		Activation	Project Manager
Independent 2019	Generator Contingency and Remedial Action Scheme Modeling	2/1/19	9/17/18	10/12/18	Mar 2019	LeAnn McLaughlin
	Imbalance Conformance Enhancements	2/28/19	N/A	N/A	Feb 2019	Deann MacDougall
Spring 2019	Commitment Cost Enhancements Phase 3	4/1/18	9/5/18	10/12/18	Apr 2019	Trang Deluca
	EIM - Balancing Authority of Northern California (BANC)/SMUD	4/3/19	12/1/18	1/31/19	Apr 2019	Ayman Fattah
Fall 2019	Commitment Cost and Default Energy Bid Enhancements	10/1/19	7/15/19	8/30/19	Oct 2019	Ray Riley
	Energy Storage and Aggregated Distributed Energy Resource, Phase 3	10/1/19	7/15/19	8/30/19	Oct 2019	Mohan Koya
	EIM Enhancements 2019	10/1/19	7/15/19	8/30/19	Oct 2019	Ayman Fattah
	Intertie Deviation Settlement	10/1/19	7/15/19	8/30/19	Oct 2019	LeAnn McLaughlin
	Local Market Power Mitigation Enhancements	10/1/19	7/15/19	8/30/19	Oct 2019	Ray Riley
	Review of Reliability Must Run and Capacity Procurement Mechanism	10/1/19	7/15/19	8/30/19	Oct 2019	LeAnn McLaughlin
Independent 2020	ADS Replacement	TBD	TBD	TBD	TBD	John Williams
Spring 2020	EIM - LADWP	4/1/20	12/1/19	1/31/20	Apr 2020	Ayman Fattah
	EIM - Salt River Project	4/1/20	12/1/19	1/31/20	Apr 2020	Joanne Alai
	EIM - Seattle City Light	4/1/20	12/1/19	1/31/20	Apr 2020	Ayman Fattah
Fall 2020	Contingency Modeling Enhancements	10/1/20	TBD	TBD	Oct 2020	LeAnn McLaughlin
	Day-Ahead Market Enhancements	10/1/20	TBD	TBD	Oct 2020	Amy Nunn
	Dispatch Operating Target Tariff Clarifications	10/1/20	TBD	TBD	Oct 2020	John Williams
	Storage as a Transmission Facility	10/1/20	TBD	TBD	Oct 2020	Adrian Chiosea
	RA Enhancements (Track 2)	10/1/20	TBD	TBD	Oct 2020	Adrian Chiosea
	Excess Behind the Meter	10/1/20	TBD	TBD	Oct 2020	Adrian Chiosea
	Transmission Access Charge Structure Enhancements	TBD	TBD	TBD	TBD	Adrian Chiosea
	Energy Storage and Aggregated Distributed Energy Resource Phase 4	TBD	TBD	TBD	TBD	Adrian Chiosea
Spring 2021	EIM - Public Service Company of New Mexico	4/1/21	12/1/20	1/31/21	Apr 2021	Adrian Chiosea
	EIM - Northwestern Energy	4/1/21	12/1/20	1/31/21	Apr 2021	Adrian Chiosea
TBD	Extend Day-Ahead Market Enhancements to EIM Entities	TBD	TBD	TBD	TBD	Adrian Chiosea



Changes 3/15/19

Policy Development Updates

- Removed outdated MSC date(s)
- Updated the April comments deadline for the DAME Phase 2
- Updated the April and May Board dates and EIM GB dates

Changes 3/8/19

Tariff Development Updates

- Added RMR/CPM to tariff section and add March/April dates
- Removed the Generator Contingency and Remedial Action Scheme Modeling initiative (per recent FERC approval and ISO)
- Removed February from timeline

Changes 3/1/19

Policy Development Updates

- Updated the Day-Ahead Market Enhancements Phase 2 Board of Governors date; updated Phase 1 and Phase 4
- Updated the Energy Storage and Distributed Energy Resources Phase 4 timeline
- Removed the Interconnection Process Enhancements; kept in tariff development section
- Added MSC date for the RA Enhancements initiative
- Moved the Intertie Deviation Settlement initiative into tariff development section
- Added month of May to timeline; removed February
- Updated the Energy Storage and Distributed Energy Resources Phase 3 tariff development timeline

Changes 2/22/19

Policy Development Updates

- Corrected typo in Board date for the Excess Behind the Meter Production initiative (from 2018 to 2019)
- Updated the Energy Storage and Distributed Energy Resources Phase 4 initiative timeline

Changes 2/15/19

Policy Development Updates

- Updated the EIM GB and Board dates for Day-Ahead Market Enhancements Phase 1 initiative
- Updated the EIM categories for the Energy Storage and Distributed Energy Resources Phase 4 initiative and Day-Ahead Market

Changes 2/8/19

Policy Development Updates

Removed Congestion Revenue Rights Auction Efficiency (Tracks 1A and 1B) from tariff development section (FERC-accepted; currently in implementation phase)
Updated the Contingency Modeling Enhancements initiative's tariff filing date (to TBD)

Changes 2/01/19

Policy Development Milestones

Updated RA Enhancements timeline
Updated 2019-2020 TPP timeline
Updated Flexible Capacity Needs Technical Studies process timeline
Updated Local Market Power Mitigation Enhancements - posted updated draft final proposal timeline
Updated Dah-Ahead Market Enhancements Phase 1 and Phase 2 schedule timeline
Deleted month of January from timeline

Changes 1/25/19

Policy Development Milestones

Updated the Storage as a Transmission Asset timeline and notes section (initiative on pause pending ESDER4's development of broader policy issues)
Updated EIM Category to Advisory (E2) for the Intertie Deviation Settlement initiative
Added month of April to timeline

Changes 1/18/19

Policy Development Milestones

Updated the DAME Phase 2 process timeline (Added MSC meeting date)
Add 2019-2020 TPP
Updated 2018-2019 TPP
Updated the Energy Storage and Distributed Energy Resources Phase 4 timeline (Feb call date)

Changes 1/11/19

Policy Development Milestones

Updated the Annual Policy Initiatives Roadmap process timeline (Board dates)
Deleted month of December
Added the Energy Storage and Distributed Energy Resources Phase 4 initiative
Updated ISO Board dates and EIM Governing Body dates for 2019
Updated the tariff filing date for the Energy Storage and Distributed Energy Resources Phase 3 initiative
Updated the Storage as a Transmission Asset initiative timeline
Updated the RA Enhancements timeline
Updated the Market Surveillance Committee (MSC) dates
Updated the Interconnection Process Enhancements initiative Board date
Updated the 2018-19 Transmission Planning Process timeline