



Legend	
Market Simulation	CA ISO Holiday
External Testing	Deployment Week

4/1/19 - 4/7/19	4/8/19 - 4/14/19	4/15/19 - 4/21/19	4/22/19 - 4/28/19	5/6/19 - 5/12/19	5/27/19 - 6/2/19	7/1/19 - 7/7/19	7/8/19 - 7/14/19	7/15/19 - 7/21/19	7/22/19 - 7/28/19	7/29/19 - 8/4/19	8/5/19 - 8/11/19	8/12/19 - 8/18/19	8/19/19 - 8/25/19	8/26/19 - 9/1/19	9/2/19 - 9/8/19	9/30/19 - 10/6/19
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**MAP Stage Environment Window**

EIM Resource Sufficiency - Capacity & Sufficiency	EIM Resource Sufficiency - Capacity & Sufficiency (04/01-05/06)
EIM Resource Sufficiency - Capacity & Sufficiency - External Testing Starts	EIM Resource Sufficiency - Capacity & Sufficiency - External Testing Starts (04/01)
CCDEBE Phase 1	CCDEBE Phase 1 (07/15-08/30)
CCDEBE Phase 1 - Market Sim	CCDEBE Phase 1 - Market Sim (07/15-08/30)
ESDER Phase 3A	ESDER Phase 3A - Bid Dispatchable Option (07/15-08/30)
ESDER Phase 3A - Market Sim	ESDER Phase 3A - Bid Dispatchable Option - 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**

Commitment Cost Enhancements Phase 3 Activation	Commitment Cost Enhancements Phase 3 Activation (04/01)
EIM - BANC-SMUD	EIM - BANC-SMUD (04/03)
LMC Transparency Enhancements	LMC Transparency Enhancements (05/01)
EIM Resource Sufficiency Capacity & Sufficiency	EIM Resource Sufficiency Capacity & Sufficiency (05/06)
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 <i>(Updated Weekly)</i>	Initiative / Process Lead	Start	Discuss at MSC	EIM Category (E1-E4)	Proposed EIM Governing Body Meeting	Proposed Board Meeting	Notes	Proposed Tariff Filing Date
Recurring Meetings	<a href="#">ISO Board of Governors</a>	N/A	Recurring						
	<a href="#">EIM Governing Body</a>	N/A	Recurring						
	<a href="#">Market Performance and Planning Forum</a>	J. Morris	Recurring						
Policy Development	<a href="#">Congestion Revenue Rights Auction Efficiency (Track 2)</a>	P. Servedio	TBD				TBD	Stakeholder process schedule currently TBD	
	<a href="#">Day-Ahead Market Enhancements Phase 2</a>	M. Poage	Q1 2019		E2	Sep 2019	Q1 2020	Phase 1 (15 min scheduling defered)	
	<a href="#">Energy Storage and Aggregated Distributed Energy Resource Phase 4</a>	E. Kim	Q1 2019		E2	TBD	TBD		
	<a href="#">Excess Behind the Meter Production</a>	G. Murtaugh	Q2 2018				May 2019		
	<a href="#">Extend Day-Ahead Market Enhancements to EIM Entities</a>	TBD	TBD		E2		TBD	Q2/3 schedule currently under development	
	<a href="#">Generation Deliverability Assessment</a>	R. Sparks	Q2 2019						
	<a href="#">Import Bid Cost Verification</a>	P. Servedio	Q2 2019		TBD	Jun 2019	Jul 2019		
	<a href="#">Price Performance Analysis</a>	G. Bautista	Q2 2019				TBD		
	<a href="#">Real-Time Market Neutrality Settlement</a>	D. Tretheway	Q2 2019		E1	Jun 2019	Jul 2019		
	<a href="#">Resource Adequacy Enhancements</a>	C. Devon	Q4 2018				May/June 2020		
	<a href="#">Transmission Access Charge Structure Enhancements</a>	C. Devon	Q3 2017				TBD	(Previously referred to as 'Review Transmission Access Charge Structure')	
	<a href="#">System Market Power Mitigation Analysis</a>	P. Servedio	Q2 2019	6-Jun-19	E2	N/A	N/A	No Board dates (report / white paper only); Stakeholder process schedule currently under development	
<a href="#">Storage as a Transmission Asset</a>	K. Meeusen	Q2 2018				Q3 2019	Schedule currently TBD pending ESDER4's interim development of broader policy issues		
Recurring Processes / Initiatives	<a href="#">Customer Partnership Group series</a>	N/A	Recurring				N/A		
	<a href="#">Flexible Capacity Needs Technical Study Process</a>	C. Loutan	Recurring				N/A		
	<a href="#">Budget and Grid Management Charge Process</a>	A. Gordon	Recurring				Dec 2018	2018 process completed	
	<a href="#">2020 and 2024 Local Capacity Requirements</a>	C. Micsa	Recurring				N/A		
	<a href="#">Participating Transmission Owner Per-Unit Cost</a>	R. Emmert/ M.Wu	Recurring				N/A		
	<a href="#">Annual Policy Initiatives Roadmap</a>	B. Dean	Q3 2016			Nov 2019 (Briefing)	Dec 2019 (Briefing)		N/A
	<a href="#">2018-2019 Transmission Planning Process</a>	R. Sparks	Recurring				Mar 2019		N/A
	<a href="#">2019-2020 Transmission Planning Process</a>	R. Sparks	Recurring				Q2 2020		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			
Tariff Development	<a href="#">Amendment to ISO Section 20</a>	J. Spomer	May 2019		E2		Q3 2019		TBD
	<a href="#">Commitment Costs and Default Energy Bid Enhancements</a>	B. Dean	Q4 2016		E2		Mar 2018	Tariff development timeline currently TBD	TBD
	<a href="#">Contingency Modeling Enhancements</a>	P. Servedio	Mar 2013				Dec 2017	Tariff development timeline currently TBD	TBD
	<a href="#">Effective Flexible Capacity Ratings Process Clarification</a>	A. Motley	May 2019				N/A	Tariff development timeline currently TBD	Q3 2019
	<a href="#">Energy Storage and Aggregated Distributed Energy Resource Phase 3</a>	E. Kim	Q3 2017		E2	Aug 2018	Sep 2018	Tariff development timeline currently TBD	Q3 2019
	<a href="#">Local Market Power Mitigation Enhancements</a>	B. Dean	Q3 2018		E1, E2 *	Mar 2019	Mar 2019		Q2
	<a href="#">Reliability Must-Run and Capacity Procurement Mechanism Enhancements</a>	K. Johnson	Q1 2018				Apr 2019		
	<a href="#">Intertie Deviation Settlement</a>	M. Poage	Q2 2018		E2	Jan 2019	Feb 2019		

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

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