Califo	rnia	ISC
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														Projected	d Stakeho	older Initia	atives Mil	estones												
						Nov 2015 Dec 2015 Jan 2016 Feb 2016 Mar 2016																								
				Discuss at	Proposed	Paper		Nov 2015 Comments		ISO Files	Paper		Dec 201		ISO Files	Paper	Meeting/e	1	Training or	ISO Files	Paper	Meeting/ss	Feb 201		ISO Files Tariff	Paper	Meeting/ca			ISO Files
	Initiatives	Initiative Lead	Start	MSC	Board Meeting	Published	II	Due	Workshop	Tariff Language	Published		Due	Workshop	Tariff Language	Published			Workshop	Toviff	Published		Due	Workshop	Tariff Language	Published	II		Workshop	Tariff Language
8	ISO Board of Governors meeting		Recurring				.5-6					17-18																		
scurri	Market surveillance committee meeting Market performance and planning meetings	B. Cooper J. Morris	Recurring Recurring				18					11																		
Rec	Business practice manual change management meetings	J. Payton	Recurring				17					15																		
	Ancillary services substitution (MRTU release 2)		Q3									_				_														
	Bidding rules enhancements Commitment cost enhancements phase 3	C. Colbert K. Wells	April 2015 Q2	15-Jul-15	Mar 2016 Mar 2016	23	9	23				3	17			5	12	19			15	22						2		
	Contingency modeling enhancements	P. Servedio	42	10 041 10	Mar 2016	20	3	23				10	22			13	20						3							
	EIM enhancements phase 2	D. Tretheway	Q2	April 17 2015	Nov 2015																									
	EIM governance	S. Crowley			Sept 2015																									
	Energy storage and aggregated distributed energy resource	T. Flynn	Q2		Feb 2016	2	9	20																						
	Fifteen-Minute Market Intertie Liquidity Flexible Ramping Product	D. Tretheway	April 2015	Jul-15	TBD Feb 2016	11			18		17		2				5	12												
	Frequency response requirements	C. Colbert	July 2015		Feb 2016				10				_					12												
ative	Flexible resource adequacy criteria and must run obligation phase 2	K. Meeusen	June 2015		Q2 2016						9	21						5												
E E	Full Network Model Expansion - Phase 2	TBD	TBD		TBD																									
der	Generator Contingency Modeling / Remedial Action Scheme Modeling																													
cehol	Real-Time Market Enhancements Regional Integration California Greenhouse Gas Compliance	D. Tretheway	TBD		TBD																									
Stak	Interconnection process enhancements	D. Tretheway D. LeVine	Q1		Sept																									
	Interconnection process ennancements Marginal loss surplus allocation	D. Tretheway	TBD		2015/Nov TBD																									
	Metering Rules Update Metering Rules Update	TBD	TBD		TBD																									
	Payment Default Allocation	K. King	Aug-15							11																				
	Transitional Implementation Items				June/July																									
	Transmission Access Charge Options	L. Kristov K. Meeusen	Q4 2015		2016	40		20					9	15		7		22	6		8	26						10		
	Regional Resource Adequacy	C. Devon	TBD Nov 2015	Mar 23 2015	Feb 2016 June 2016	13	20				9	16	9			/	14	7	13		17	25						11	23	
	Stepped Contraint Parameters	D. Tretheway	Q1 2016		TBD							10						•	1.0			23							20	
	Two-Tier Allocation Real-Time Bid Cost Recovery	Curry	Q4 2015		TBD	24						21						15												
	Congestion Revenue Rights	J. McClain	Recurring		N/A																									
	Flexible capacity needs technical study process Grid management charge/Budget Process	C. Loutan Epstein/Gordon	Recurring		Oct 2015																									
ives	2016 & 2020 Local capacity requirements (LCR Study)	C. Micsa	Recurring Recurring		OCT 2015			12																						
nitiat	Participating transmission owner per unit cost	R. Emmert/	Recurring																											
ing	Stakeholder initiatives catalog	M.Wu E. Kim	Q3 for 2016		N/A			4			15																			
ac nr	Transmission Access Charge	D. Walsh	Recurring																											
œ	2014-2015 Transmission planning process	R. Sparks	Recurring		Mar 2015																									
	2015-2016 Transmission planning process	R. Sparks	Recurring		Mar 2016		16						1																	
	Western regions planning coordination	G. DeShazo	Recurring		N/A																									
	Administrative Pricing Rules	S. Mannheim	Release																											
	Capacity procurement mechanism replacement	K. Meeusen	Deployed		Feb 2015																									
	Commitment cost enhancements phase 2	D. Hou	Fall 2015		Mar 2015	23						7	2																	
	Competitive solicitation process enhancements EIM year 1 enhancements phase 1	S. Rutty John Anders	May 2015		Dec 2015 Mar 2015	23						,	2																	
ari.	Expanding metering and telemetry options phase 2	A. Ulmer			July 2015		10	17																						
F	Interconnection process enhancements	D. LeVine					2																							
	Peak reliability coordinator funding	D.Walsh	May-15																											
	Pricing enhancements	A. McKenna	May: 0045		Eab 2042	40	40				4/Post	40	3/ Tariff -																	
	Reactive power requirements and financial compensation Reliability services phase 1a	C. Devon K. Meeusen	May 2015		Feb 2016	12	19				draft	18	11																	
	Reliability services phase 1b	K. Meeusen	Q3		Jun 2015																									
	Release / Implementation	Deployment	Market S	Simulation	Activation							1	1				1	<u>'</u>	<u>'</u>			1								
	· •			- End																										
2015	Application Identity Management (AIM) 2015 Enhancement Capacity procurement mechanism replacement	12/17/2015 1/12/2016	N/A 11/9/2015	N/A 2/12/2016	12/17/2015 3/1/2016																									
Early 2016 Release	Post Implementation OMS Enhancements	2/23/2016	1/11/2016	+	-																									
	Acceptable Use Policy - CMRI	2/23/2016	1/19/2016	+																										
	Reliability Services Initiative (RSI) and Commitment Cost Phase 2 completion	1/12/2016	11/9/2015	2/12/2016	3/1/2016																									
	Demand response registration enhancements	4/28/2016	3/23/2016	4/13/2016	4/28/2016																									
2016 depender	Expanding metering and telemetry options phase 2	4/1/2016	TBD	TBD	4/1/2016																									
Fall 2016 Release Pro	Reactive power requirements and financial compensation	TBD	TBD	TBD	TBD																									
	RIMS functional enhancements	7/29/2016	TBD	TBD	7/29/2016																									
	BAL-003 Compliance	TBD	TBD	TBD	10/1/2016																									
	Contingency modeling enhancements EIM 2016	TBD TBD	TBD TBD	TBD TBD	10/1/2016																									
	Flexible Ramping Product	TBD	TBD	TBD	10/1/2016																									
	BCR modification and VER Settlement	TBD	TBD	TBD	10/1/2016																									
	Reliability Services Phase 1B	TBD	TBD	TBD	10/1/2016																									
	EIM enhancements phase 2 Bidding rules enhancements	TBD TBD	TBD TBD	TBD TBD	10/1/2016 10/1/2016																									
	Energy storage and aggregated distributed energy resource	TBD	TBD	TBD	10/1/2016																									
	Commitment Cost Enhancements Phase 3	TBD	TBD	TBD	10/1/2016																									
	PIRP system application decommissioning	TBD	TBD	TBD	TBD																									
	OMAR replacement project	TBD	TBD	TBD	10/1/2016																									
	ADS UI replacement																													

OMAR replacement project ADS UI replacement Ancillary services substitution Bid cost recovery for unit over multiple days Frequency response procurement Cost allocation overall market review Marginal loss surplus allocation
Multi day unit commitment
Reliability must-run pump load Two tier real-time uplift

CAISO/CSSA/JPayton Date updated: 12/2/2015

Changes 12/1/15

Removed frequency response schedule Added Reactive power tariff schedule Updated schedule for Contingency Modeling Enhancements

Changes 11/30/15

Remove Fall 2015 Release for Release section

Added Bidding rules enhancements to Fall 2016 Release

Added Energy storage and aggregated distributed energy resource to Fall 2016 Release

Added Commitment Cost Enhancements Phase 3 to Fall 2016 Release

Change AIM Enhancements deployment and activation date from 12/14/15 to 12/17/15

Added Commitment Cost Phase 2 completion to Reliability Services Initiative (RSI)

Added Reactive power requirements and financial compensation as 2016 Independent Project

Updated Transmission Access Charge Options schedule

Changes 11/24/15

Added dates for Two Tier Allocation of Real-Time Bid Cost Recovery

Updated FRACMOO Phase 2 schedule

Updated schedule for Contingency Modeling Enhancements

Updated Frequency Response. Workshop to be 12/7 instead of SH Call on 12/14. No paper prior to 12/7 as originally planned.

Update Regional Resource Adequacy schedule

Changes 11/23/215

Updated Competitive Solicitaiton Process Enhancement schedule

Changes 11/17/215

Updated Regional RA schedule

Updated Flexible Ramping Product Schedule

Regional Resource Adequacy - Educational forum on December 16 regarding California's RA program: Location: WECC, Salt Lake City, UT

Transmission Access Charge - stakeholder discussion scheduled on December 15: Location WECC, Salt Lake City, UT

Updated schedule for Contingency Modeling Enhancements

Updated Reliability Services 2 schedule

Changes 11/13/15

Regional Resource Adequacy - Issue paper out 11/18 (instead of 11/10); Stakeholder call 12/8 (instead of 11/17); and comments due 12/18 (instead of 11,

Transmission Access Charge - stakeholder comments extended from 11/13 to 11/20