					Projected Stakeholder Initiatives Milestones																										
							Mar 2016					Apr 2016						May 2016				June 2016					July 2016				
			1	1	I					ISO Files				•	Training I	SO Files	May 2016			ning ISO	Files	$\overline{}$			Training	ISO Files				Training ISO I) Files
	Initiatives	Initiative Lead	Start	Discuss at MSC	Proposed Board Meeting	Notes	Paper Published	Meeting/ call	Due	Training or Workshop	Tariff Language	Paper Published		Comments Due	or Worksho La	Tariff	Paper Published			r Ta	riff Pub		Meeting/ Co	Comments Due	or	Tariff Language	Paper Published		omments Due	or Tar Worksho Lange	ariff
# K	ISO Board of Governors meeting		Recurring								Language				VVOIKSIIO L	anguage			*****	KSIIO Laiig	age				VVOIKSIIO	Language				WORKSHO Langu	juage
urrin	Market surveillance committee meeting	B. Cooper	Recurring					14					8																		
Recui	Market performance and planning meetings	J. Morris	Recurring																			\longrightarrow									
	Business practice manual change management meetings	J. Payton C. Colbert	Recurring		Mar 2016																_	$\overline{}$	_	-	\vdash	-		_	-	_	
	Bidding rules enhancements		April 2015																		—	-		\longrightarrow	\vdash				\longrightarrow		-
	Commitment cost enhancements phase 3	K. Wells	Q2	15-Jul-15	Mar 2016				2													_						_	\rightarrow	_	-
	Contingency modeling enhancements	P. Servedio			Jun 2016		23	30				20	27	6					11		4	_							\longrightarrow		$\overline{}$
	Energy storage and aggregated distributed energy resource, Phase 1	T. Flynn	Q2 2015		Feb 2016																4	_									
Current Initiatives	Energy storage and aggregated distributed energy resource, Phase 2	T. Flynn	Q1 2016		TBD	Approved by Board in Feb															4	_									
	Flexible Ramping Product	D. Tretheway	April 2015	Jul-15	Feb 2016	2016																									
	Frequency response requirements	C. Colbert	July 2015		March 2016																										
	Flexible resource adequacy criteria and must run obligation phase 2	K. Meeusen	June 2015		June 2016		24	31						14																	
	Local Market Power Mitigation Enhancements (2015)	M. Castelhano	Dec 2015		March 2016																					i l			/ //		
3	Reliability services phase 2	K. Meeusen		Mar 23 2015	June 2016												4	11	23												
	Revised Settlement Statement & Dispute Timeline for T+35M	T. Huynh	Dec 2015		March 2016																										
	Stepped Contraint Parameters	D. Tretheway	Q1 2016		Aug 2016																										
	Two-Tier Allocation Real-Time Bid Cost Recovery	Curry	Q4 2015		TBD																										
Recurring Initiatives Initiatives	Full Network Model Enhancements	TBD	July 2016		TBD																/ 7	/ 7	7					7			
	Regional Integration Greenhouse Gas Compliance	D. Tretheway	Mar 2016		June/July 2016	Start date shifted. New schedule in development.															/ 7	/ 7	7					7			
	Metering Rules Enhancements	T. Flynn	Q1 2016		Aug/Sep 2016			3	17													/ 7	7					7			
	Regional Resource Adequacy	C. Devon	Nov 2015		June 2016			2	16			4	12	22			10	19	31			/ 7	7					7			
	Transitional Implementation Items		2017																		\vdash										
								_		_											\vdash	\vdash						_	-	=	_
	Transmission Access Charge Options	L. Kristov	Q4 2015		June 2016			1	23	9											_							_			
	Congestion Revenue Rights	J. McClain	Recurring		N/A																-	-	-						\longrightarrow		
	Flexible capacity needs technical study process	C. Loutan	Recurring		0.10040																_				igwdown				\rightarrow	_	
	Grid management charge/Budget Process	Gordon	Recurring	+	Oct 2016																_	-									-
	2017 & 2021 Local capacity requirements (LCR Study)	C. Micsa R. Emmert/	Recurring					21						4							_	-	-		\vdash			-	\rightarrow		
	Participating transmission owner per unit cost	M.Wu	Recurring						8																						
	Stakeholder initiatives catalog	E. Kim	Q3 for 2016		N/A																										
	Transmission Access Charge	D. Walsh	Recurring																												
	2015-2016 Transmission planning process	R. Sparks	Recurring		Mar 2016																										
	2016-2017 Transmission planning process	R. Sparks	Recurring																												
	Western regions planning coordination	G. DeShazo	Recurring		N/A																					$\overline{}$					
		Legal Lead	Start		Tariff Filed																										
	Commitment cost enhancements phase 3	K. Wells																													
	Competitive solicitation process enhancements	S. Rutty	May 2015																												
4	Energy Imbalance Market Year 1 Enhancements Phase 2	D. Tretheway	Q1 2016		April/May 2016			22	15																						
arif	Expanding metering and telemetry options phase 2	A. Ulmer						2	n/a																						
_	Payment Default Allocation	K. King	Aug-15																												
	Reactive power requirements and financial compensation	C. Devon	May 2015			Activity has been suspended																									
	Reliability services phase 1b	K. Meeusen	Q1 2016			SUSPENIUEU	2	23	15																						
	Release / Implementation	Deployment	Market	Simulation	Activation	Project Manager											<u>'</u>			<u> </u>											
	Capacity procurement mechanism replacement	4/21/2016	3/4/2016	4/8/2016	5/1/2016	Marcelo DaCosta																									
2016 1se	Commitment Costs Phase 2	4/21/2016	3/4/2016	4/8/2016	5/1/2016	Marcelo DaCosta																									
Early 2016 Release	Post Implementation OMS Enhancements	3/16/16, 4/20/16		4/20/2016		Mike Lucas																									
	Reliability Services Initiative (RSI) and Commitment Cost Phase 2 completion	4/21/2016	3/4/2016	4/8/2016	5/1/2016	Marcelo DaCosta																									
2016 Independent Projects	Application Identity Management (AIM) Enhancements	3/9/2016	N/A	N/A	3/9/2016	Mike Lucas																									
	Available Balancing Capacity	3/30/2016	N/A	N/A	3/30/2016	Jeremy Malekos																									
	Bidding rules enhancements - Part A	5/12/2016	TBD	TBD	5/12/2016	Chuck Miles																									
	Demand response registration enhancements	5/9/2016	3/23/2016	4/13/2016	5/9/2016	Mike Lucas																									
	Expanding metering and telemetry options phase 2	4/1/2016	N/A	N/A	4/1/2016	Jim Barber																									
	RIMS functional enhancements	7/29/2016	TBD	TBD	7/29/2016	John Williams																									
	Acceptable Use Policy - CMRI	TBD	7/5/16	7/29/16	10/1/2016	John Williams																									
	Acceptable Use Policy - CMRI	IBU	7/5/16	7/29/16	10/1/2016	John Williams																									

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10/1/2016

7/5/16 7/29/16

TBD

Jim Barber

Brett Bruderer

Joanne Alai

Joanne Alai Joanne Alai

Jeremy Malekos Chuck Miles

Mike Lucas Brett Bruderer

Mike Lucas

Chuck Miles
Chuck Miles

Chuck Miles

Jim Barber

Chuck Miles

Roxann Hall

TBD

TBD

BAL-003 Compliance / Frequency Response

OMAR replacement project
PIRP system application decommissioning

Post Implementation OMS Enhancements

idding rules enhancements - Part B

Contingency modeling enhancements

Energy storage and aggregated distributed energy resource

Reactive power requirements and financial compensation

ADS user interface replacement

eliability Services Phase 1B

Stepped Constraint Parameters



Changes 3/2/2016

Updated Regional Resource Adequacy schedule

Updated Regional Integration Greenhouse Gas Compliance schedule

Added RSI Phase 1B tariff schedule

Removed Admin Pricing Rules tariff schedule (SH process complete)

Updated dates for Early 2016 Release projects - moved activation from 3/1/16 to 5/1/16

Updated dates for 2016 Independent Release projects - see RUG slides for more details

Updated dates for Fall 2016 Release projects aligning the market simulation and activation dates

Moved the following projects from Fall 2016 Release to TBD: Bidding rules enhancements - Part B, Commitment cost enhancements phase 3, Energy storage and aggregated distributed energy resource, and Reliability Services Updated Project Manager assignments as needed for several projects

Updated FRACMOO Phase 2 schedule

Changes 2/26/16

Updated Transmission Access Charge Options schedule (Regional)
Added EIM Year 1 Enhancements Phase 2 Tariff Schedule
Updated Commitment Cost Enhancements Phase 3 schedule

Changes 2/25/16

Updated Contingency Modeling Enhancements schedule

Changes 2/22/16

Updated Expanding Metering & Telemetry Options Phase 2 - Distributed Energy Resources Participation Tariff schulpdated MSC to include March and April dates.

Changes 2/16/16

Updated schedule for Commitment Cost Enhancement Phase 3 initiative

Updated schedule for Regional Resource Adequacy initiative

Updated FRACMOO Phase 2 schedule

Updated Reliability Services Phase 2 schedule

Updated scheduled for Local Capacity Requirements

Changes 2/1/16

Updated Reliability Services Phase 2 - extended comment deadline to Feb 26

Updated dates for the 2017 and 2021 requirements process

Updated AIM Enhancements deployment date from TBD to 2/10/16

Updated Bidding Rules Part A deployment date from TBD to 5/1/16

Removed Reactive power requirements and financial compensation from 2016 Independent projects since it is in

Added Local Market Power Mitigation Enhancements (2015) to Fall 2016 Release

Provided market simulation dates and Project Manager names for several projects in the Fall 2016 Release In row 11, added "phase 1" to name of ESDER initiative (to differentiate from phase 2 which will start in 2016)

In new row 12, added ESDER phase 2

Made changes to the "Metering Rules Enhancements" initiative.