

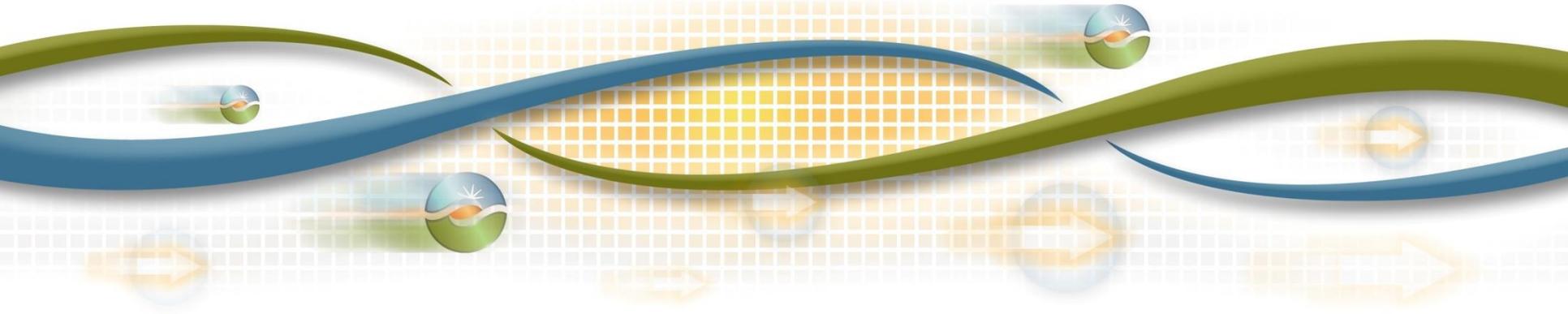


## Release User Group Agenda

May 23<sup>rd</sup>, 2017

10:00 a.m.–11:00 a.m. (Pacific Time)

Web Conference Information	Conference Call Information
URL: <a href="https://www.connectmeeting.att.com">https://www.connectmeeting.att.com</a> Meeting Number: 8665282256 Access Code: 5251941	Domestic Call In: (866) 528-2256 International Call In: (216) 706-7052 Access Code: 5251941



# Release User Group Agenda

May 23<sup>rd</sup>, 2017

10:00 a.m. – 11:00 a.m. (Pacific Time)

<b>Time</b>	<b>Topic</b>	<b>Facilitator</b>
10:00 – 10:05	Agenda & ISO Roll call	Adrian Chiosea
10:05 – 10:45	Release Plan	Janet Morris Brett Bruderer Michael Lucas Joanne Alai Marcelo Da Costa Raymond Riley Marci Stuckey John Williams Christopher McIntosh Jami Herguth Prince Phillip Sandhya Balasubramanian Eureka Cullado Indu Nambiar Justin Wong LuAnn Rivera Cynthia Hinman Trang Deluca

# The ISO offers comprehensive training programs

Date	Training
May 24-25	Get to Know the ISO
Jul 6	Welcome to the ISO - webinar
Aug 16	Settlements 101
Aug 17	Settlements 201
Oct 5	Welcome to the ISO - webinar
Oct 11-12	Get to Know the ISO

All classes are offered at our Folsom, CA location unless noted otherwise.

Training calendar - <http://www.caiso.com/participate/Pages/Training/default.aspx>

Contact us - [CustomerTraining@caiso.com](mailto:CustomerTraining@caiso.com)

# Release Plan 2017

## Independent 2017

- MRI-S ACL Groups + CPG Enhancements (formerly OMAR Replacement)
- RIMS Functional Enhancements
- Black Start and System Restoration Phase 2
- Forecasting & Data Transparency Improvements (PIRP System Decommissioning)
- Aliso Canyon mitigation measures extension

## Fall 2017 (11/1/17)

- EIM Portland General Electric (PGE) – 10/1/17
- Bidding Rules Enhancements – Part B
- Commitment Cost Enhancement Phase 3
- RM & EIM 2017 Enhancements
- Gas Burn Report
- SIBR UI Upgrade

# Release Plan – 2018 and subject to further planning

## Spring 2018

- Reliability Services Initiative 2017
- EIM 2018 Idaho Power Company
- DRS Replacement

## Fall 2018 – tentative, subject to impact assessment

- Contingency Modeling Enhancements
- Flexible Resource Adequacy Criteria and Must-offer Obligation Phase 2
- Commitment Costs and Default Energy Bid Enhancements
- Energy Storage and DER Phase 2
- Temporary Suspension of Resource Operations
- Capacity Procurement Mechanism – risk-of-retirement process enhancements
- Management of EIM imbalance settlement for bilateral schedule changes
- EIM 2018 Enhancements
- ADS User Interface Replacement
- CIRA Technology Upgrade

## Spring 2019

- EIM 2019 Seattle City Light
- EIM 2019 Balancing Authority of Northern California (BANC)

## Fall 2019 – tentative, subject to impact assessment

- Regional Integration and EIM Greenhouse Gas Compliance
- Generation Contingency and Remedial Action Scheme
- Frequency Response Phase 2
- Congestion Revenue Right auction efficiency

## Spring 2020

- EIM 2020 Salt River Project

# 2017 - MRI-S ACL Groups+ CPG Enhancements

Project Info	Details/Date
Application Software Changes	<p>The MRI-S metering (MRI-S) application cannot currently support ACL (Access Control List) groups functionality for defining a subset of resources belonging to an SCID. Enhancements to the Application Identity Management (AIM) application will enable the use of ACL groups for SCID-level read-only access for MRI-S.</p> <p>A customer partnership group is scheduled for May 11, 2017 to address issues encountered during market sim, and to discuss the steps necessary for cut-over from OMAR Online to MRI-S Metering.</p> <p>OMAR Online will be decommissioned four months after the May 2<sup>nd</sup> re-opening of the MRI-S Metering: September 1, 2017.</p>
BPM Changes	None
Business Process Changes	<p>Potential Level-II business process changes under –</p> <ul style="list-style-type: none"> <li>• Manage Market &amp; Reliability Data &amp; Modeling</li> <li>• Manage Operations Support &amp; Settlements</li> </ul>

Milestone Type	Milestone Name	Dates	Status
Board Approval	Board Approval	N/A	
BPMs	BPMs	N/A	
External BRS	Post External BRS	Nov 14, 2016	✓
Tariff	Tariff	N/A	
Config Guides	Config Guide	N/A	
Tech Spec	Publish Tech Specs	Nov 02, 2016	✓
Market Simulation	Phase 2 - MRI-S Metering Enhancements	Mar 13, 2017 – June 16, 2017	
Production Activation	Phase 1 - ACL Groups	Mar 10, 2017	✓
	Phase 2 - MRI-S Metering CPG Enhancements	Jun 20, 2017	

# 2017 – RIMS Functional Enhancements

Project Info	Details/Date	Status
Application Software Changes	Functional enhancements resulting from the Customer Partnership Group CPG. More details to be provided in the future.	
BPM Changes	Generator Interconnection and Deliverability Allocation Procedures Generator Interconnection Procedures Managing Full Network Model Metering Generator Management Transmission Planning Process	
Customer Partnership Group	10/16/15	✓
Application and Study Webinar	3/31/16	✓

Milestone Type	Milestone Name	Dates	Status
Board Approval	Board approval not required	N/A	
BPMs	Generator Interconnection and Delivery Allocation	Apr 29, 2016	✓
External BRS	External BRS not Required	N/A	
Tariff	No Tariff Required	N/A	
Tech Spec	No Tech Specifications Required	N/A	
Production Activation Ph1	RIMS5 App & Study	Mar 21, 2016	✓
Production Activation Ph2	RIMS5 Queue Management, Transmission and Generation	Dec 14, 2017	

# 2017- Black Start and System Restoration Phase 2

Project Info	Details/Date
Application Software Changes	<p><b>Settlements:</b></p> <ul style="list-style-type: none"> <li>• Modifications to existing charge codes for Black Start capacity and Black Start allocations will need to occur.</li> </ul> <p><b>MPP (Market Participant Portal):</b></p> <ul style="list-style-type: none"> <li>• Possibility to use current functionality for receiving RMR invoices for Black Start units.</li> </ul>
BPM Changes	<p><b>Definitions &amp; Acronyms:</b></p> <ul style="list-style-type: none"> <li>• Revision of the following definitions to match the Tariff language: <ul style="list-style-type: none"> <li>• Ancillary Services (AS)</li> <li>• Black Start Generator</li> <li>• Black Start Generating Unit</li> <li>• Interim Black Start Agreement</li> <li>• Reliability Services Costs</li> </ul> </li> </ul> <p><b>Settlements &amp; Billing:</b></p> <ul style="list-style-type: none"> <li>• Pending Settlements review. Revisions will be directly based on Tariff changes.</li> </ul>
Business Process Changes	N/A

Milestone Type	Milestone Name	Dates	Status
Board Approval	Board approval	May 1, 2017	✓
BPMs	BPM Changes Required	TBD	
External BRS	External BRS not Required	N/A	
Tariff	Draft tariff - Web Conference to finalize tariff	May 1, 2017 May 15, 2017	✓ ✓
Tech Spec	No Tech Specifications Required	N/A	
Production	Awards and final report	December 1, 2017	

# 2017 – Forecasting and Data Transparency Improvements (PIRP System Decommissioning)

Project Info	Details/Date
<p>Application Software Changes: <b>PIRP/CMRI</b></p>	<ul style="list-style-type: none"> <li>Forecast Data Reporting (resource-level) that was performed in PIRP will be done in CMRI. Rolling Hour Ahead, Locked Hour Ahead, and Rolling Day-Ahead forecasts.</li> <li>PIRP Decommissioning to occur in 2017</li> <li>CMRI to receive the Electricity Price Index for each resource and publish it to the Market Participants.</li> <li>60 Day PIRP / CMRI parallel production to start when AIM/ACL becomes available.</li> </ul>
<p>BPM Changes</p>	<p>CMRI Technical Specification; New APIs will be described.</p>
<p>Data Transparency</p> <ul style="list-style-type: none"> <li>Independent changes, won't impact existing services</li> <li>Will be made available in Production and cutover schedule is discretionary</li> </ul>	<p>Atlas Reference:</p> <ol style="list-style-type: none"> <li>Price Correction Messages (ATL_PRC_CORR_MSG)</li> <li>Scheduling Point Definition (ATL_SP)</li> <li>BAA and Tie Definition (ATL_BAA_TIE)</li> <li>Scheduling Point and Tie Definition (ATL_SP_TIE)</li> <li>Intertie Constraint and Scheduling Point Mapping (ATL_ITC_SP)</li> <li>Intertie Scheduling Limit and Tie Mapping (ATL_ISL_TIE)</li> </ol> <p>Energy</p> <ul style="list-style-type: none"> <li>EIM Transfer Limits By Tie (ENE_EIM_TRANSFER_LIMITS_TIE)</li> <li>Wind and Solar Summary (ENE_WIND_SOLAR_SUMMARY)</li> </ul> <p>Prices</p> <ul style="list-style-type: none"> <li>MPM Default Competitive Path Assessment List (PRC_MPM_DEFAULT_CMP)</li> </ul>
<p>Business Process Changes</p>	<p>MPs will receive the VER reports from CMRI rather than PIRP.</p>

# 2017 – Forecasting and Data Transparency Improvements (PIRP System Decommissioning)

Project Info	Details/Date
<p>User-Provisioning process for CMRI in preparation of Market Simulation and subsequently for production</p>	<ul style="list-style-type: none"><li>• Client Services will reach out to the User Access Administrator (UAA)</li><li>• Updated AIM User Guide, detailing how to create new ACL groups, was posted on February 21, 2017 - The market notice was posted on February 23, 2017</li><li>• If a user is at the SC level, there is no need to provision ACL access</li><li>• Exceptions - (Non-SC Level Users) – provisioning via AIM will be required</li><li>• Provisioning will be required to be done prior to Market Simulation</li><li>• Provisioning for PIRP via AARF will discontinue on Feb 16, 2017 for Map Stage and Mar 20, 2017 for Production.</li><li>• Participants should begin to download their PIRP data (all reports) as soon as possible as the data will not be available after June 20, 2017</li><li>• PIRP application including all the UI and API reports will be decommissioned June 20, 2017</li><li>• If you have any questions please contact your client services representative</li></ul>

# 2017 – Forecasting and Data Transparency Improvements (PIRP System Decommissioning)

Milestone Type	Milestone Name	Dates	Status
Board Approval	Board Approval	N/A	
BPMs	Publish Draft Business Practice Manuals (Market Instruments; PRR 936)	Sep 06, 2016	✓
External BRS	External Business Requirements	Jun 29, 2015	✓
Tariff	Tariff Filing Activities	N/A	
Config Guides	Settlements Configuration	N/A	
Tech Spec	Publish Technical Specifications (CMRI; Wind and Solar)	Apr 15, 2016	✓
	Publish Technical Specifications (CMRI: PIRP Decommissioning)	Feb 05, 2016	✓
Market Sim	CMRI Reports; VER Forecast & EPI (Fall 2016 Release)	Aug 23, 2016 - Sep 23, 2016	✓
	New Renewables CMRI reports and APIs Market Simulation	Apr 04, 2017 - Apr 18, 2017	✓
Production Activation	CMRI Reports; VER Forecast & EPI (Fall 2016 Release)	Oct 01, 2016	✓
	OASIS API Enhancements; 9 Reports	Dec 20, 2016	✓
	New Renewables CMRI reports and APIs Production Deployment	Apr 20, 2017	✓
PIRP Decommission	PIRP Decommission	Jun 20, 2017	

# Fall 2017 Release – Overview

	Board Approval	BPMs	External BRS	Tariff	Config Guide	Tech Spec	Market Sim	Production Activation
<b>Fall 2017 Release</b>								
EIM Portland General Electric	N/A	N/A	N/A	8/31/17	N/A	N/A	6/6/17 - 7/6/17	10/1/17
Bidding Rules Enhancements - Part B	3/25/16	6/15/17	1/13/17	6/1/17	6/27/17	• 4/3/17 (MF)	8/8/17 - 9/8/17	11/1/17
Commitment Cost Enhancement Phase 3	3/25/16		1/6/17 4/10/17	6/15/17		• 4/3/17 (OASIS)		
RM & EIM 2017 Enhancements	N/A	N/A	1/23/17 2/17/17 4/10/17	N/A		• 4/17/17 (CMRI)		
Gas Burn Reports	N/A	N/A	7/29/16	N/A	N/A	• 4/25/17 (CMRI)	N/A	
SIBR UI Upgrade	N/A	N/A	N/A	N/A	N/A	• 5/2/17 (OASIS)	N/A	

COMPLETE
N/A

# Fall 2017 – EIM Portland General Electric

Project Info	Details/Date
Application Software Changes	Implementation of Portland General Electric as an EIM Entity.
BPM Changes	EIM BPM will be updated to reflect new modeling scenarios identified during PGE implementation and feedback from PGE.
Market Simulation	PGE continues Day in the Life and unstructured scenario testing in a non-production environment in preparation for Market Simulation.
Parallel Operations	August 1 – September 30, 2017

Milestone Type	Milestone Name	Dates	Status
Tariff	File Readiness Certification	Aug 31, 2017	
Market Sim	Market Sim Window	Jun 6, 2017 – Jul 6, 2017	
Parallel Operations	Parallel Operations Window	Aug 1, 2017 – Sep 30, 2017	
Production Activation	EIM - Portland General Electric	Oct 01, 2017	

# Fall 2017 - Bidding Rules Enhancements – Part B

Project Info	Details/Date
Application Software Changes	<ul style="list-style-type: none"> <li>• <b>Master File:</b> <ul style="list-style-type: none"> <li>• Electric Region added to GRDT as non-modifiable</li> </ul> </li> <li>• <b>CMRI:</b> <ul style="list-style-type: none"> <li>• Resource-level monthly EPI (calculated on daily basis) based on wholesale or retail electric region type.</li> </ul> </li> <li>• <b>CAISO.COM:</b> <ul style="list-style-type: none"> <li>• Only publish total monthly fuel region GPI (existing) and eliminate publishing the monthly fuel region GPI components as PDF file. (public information)</li> </ul> </li> </ul>
Business Process Change	<ul style="list-style-type: none"> <li>• Manage Transmission &amp; Resource Implementation</li> <li>• Manage Entity &amp; Resource Maintenance Updates</li> <li>• Manage Full Network Model Maintenance</li> </ul>
BPMs	Market Instruments

Milestone Type	Milestone Name	Dates	Status
BPMs	Post Draft BPM changes	June 15, 2017	
Board Approval	BOG Approval	Mar 25, 2016	✓
External BRS	Post External BRS	Jan 13, 2017	✓
Config Guides	Prepare Draft Configuration Guides	Jun 27, 2017	
Tech Spec	Publish CMRI Tech Specs	Apr 17, 2017	✓
	Publish MF Tech Specs	Apr 03, 2017	✓
Market Sim	Market Sim Window	Aug 08, 2017 - Sep 08, 2017	
Production Activation	Bidding Rules Part B	Nov 01, 2017	

# Fall 2017 - Commitment Cost Enhancements Phase 3

Project Info	Details/Date
Application Software Changes	<p><b><u>Scope:</u></b></p> <ol style="list-style-type: none"> <li>1. Clarify use-limited registration process and documentation to determine opportunity costs</li> <li>2. Determine if the ISO can calculate opportunity costs                             <ul style="list-style-type: none"> <li>• ISO calculated; Modeled limitation Start/run hour/energy output</li> <li>• Market Participant calculated; Negotiated limitation</li> </ul> </li> <li>3. Clarify definition of “use-limited”</li> <li>4. Change Nature of Work attributes (Outage cards)                             <ul style="list-style-type: none"> <li>• Modify use-limited reached for RAAIM Treatment</li> <li>• Allow PDR to submit use-limit outage card for fatigue break.</li> </ul> </li> <li>5. Market Characteristics                             <ul style="list-style-type: none"> <li>• Maximum Daily Starts</li> <li>• Maximum MSG transitions</li> <li>• Ramp rates</li> </ul> </li> </ol> <p><b><u>Impacted Systems:</u></b></p> <ol style="list-style-type: none"> <li>1. Master File: Set use-limited resource types and limits; Set market-based values</li> <li>2. ECIC: Process use limited resource input values for and Receive opportunity cost adders from opportunity cost tool</li> <li>3. CIRA: RAAIM exempt rule for “use-limited reached”</li> <li>4. CMRI: Publish opportunity cost</li> <li>5. IFM/RTN: Use market-based values MDS, MDMT and RR</li> <li>6. SIBR: Add Opportunity cost adders on bid caps, remove daily bid RR</li> <li>7. MasterFile: Set use-limited resource types and limits; Set market-based values</li> <li>8. OMS: “Use-Limited Reached” nature of work attribute for Generation Outage Card</li> <li>9. Settlements: Publish the actual start up, run hour and energy output for the use-limited resources</li> <li>10. Opportunity cost calculator (OCC): Calculate and publish opportunity costs for start-up, MLC and DEB</li> </ol>
BPM Changes	Market Instruments, Outage Management, Reliability Requirement, Market Operations
Business Process Changes	<ul style="list-style-type: none"> <li>• Manage Market &amp; Reliability Data &amp; Modeling</li> <li>• Manage Markets &amp; Grid</li> </ul>

# Fall 2017 - Commitment Cost Enhancements Phase 3 (cont.)

Milestone Type	Milestone Name	Dates	Status
Board Approval	Board of Governors (BOG) Approval	Mar 25, 2016	✓
BPMs	Post Draft BPM changes	Jun 15, 2017	
External BRS	Post External BRS	Jan 06, 2016	✓
Tariff	File Tariff	Jun 15, 2017	
Config Guides	Config Guide	Jun 27, 2017	
Tech Spec	Publish ISO Interface Spec (Tech spec) – MF	Apr 03, 2017	✓
	Publish ISO Interface Spec (Tech spec) – CMRI	Apr 17, 2017	✓
Market Sim	Market Sim Window	Aug 08, 2017 – Sep 8, 2017	
Production Activation	Commitment Costs Phase 3	Nov 01, 2017	

# Fall 2017 – RM & EIM Enhancements 2017

Project Info	Details/Date
Application Software Changes	<p>Address enhancements identified by policy, operations, technology, business and market participants.</p> <p><b><u>Scope:</u></b></p> <ol style="list-style-type: none"> <li>1. Access &amp; Integration Enhancements: EIM Entity Access in ALFS, MF, OASIS, WebOMS, and CMRI.</li> <li>2. EIM data report enhancements to support market participant and EIM entity settlements</li> <li>3. EIM software enhancements</li> <li>4. Change to ETSR formulation to separate base energy transfer to distinct non-optimizable ETSRs.</li> </ol> <p><i>Out of Scope:</i></p> <ol style="list-style-type: none"> <li>1. BAAOP provisioning in AIM</li> <li>2. Joint Owned Unit/Shared BAA Resource Modeling</li> </ol>
BPM Changes	<p>Energy Imbalance Market: Access &amp; Integration, Data Report</p> <p>Outage Management: Access &amp; Integration</p> <p>Market Instruments: Access &amp; Integration, Data Reports</p> <p>Market Operations: Data Report</p> <p>Settlements &amp; Billing: Data Report</p>
Business Process Changes	N/A

# Fall 2017 – RM & EIM Enhancements 2017

Milestone Type	Milestone Name	Dates	Status
External BRS	Post External BRS	Jan 23, 2017	✓
	Post Updated External BRS	Feb 17, 2017	✓
	Post Updated (v1.2) External BRS to public site	Apr 10, 2017	✓
Configuration Guides	Configuration Guides	Jun 27, 2017	
Tech Spec	Publish Technical Specifications (CMRI)	Apr 17, 2017	✓
	Publish Technical Specifications (OASIS)	Apr 03, 2017	✓
	Publish Technical Specifications (MF)	Apr 03, 2017	✓
Market Sim	Market Simulation	Aug 08 – Sept 08, 2017	
Production Activation	RM & EIM Enhancements 2017	Nov 01, 2017	

# Fall 2017 – Gas Burn Report

Project Info	Details/Date
Application Software Changes	<p><b>CMRI</b> - implement ISO Market software functionality to calculate and present gas burn estimates to gas companies serving electric generation located within the CAISO BAA</p> <p><b>OASIS</b> - Control Area Generating Capability List report</p>
Business Process Change	<ul style="list-style-type: none"> <li>• Develop Infrastructure</li> <li>• Manage Market &amp; Reliability Data &amp; Modeling</li> </ul>

Milestone Type	Milestone Name	Dates	Status
Board Approval	BOG Approval	N/A	
BPMs	Post Draft BPM changes	N/A	
External BRS	External Business Requirements	Jul 29, 2016	✓
Tariff	Receive FERC order	N/A	
Config Guides	Configuration Guides	N/A	
Tech Spec	Publish Technical Specifications - CMRI	Apr 26, 2017	✓
	Publish Technical Specifications - OASIS	May 02, 2017	✓
Market Sim	Market Sim Window	N/A	
Production Activation	GenDB MF Consol and Gas Burn Report	Nov 01, 2017	

# Fall 2017 – SIBR UI Upgrade

Project Info	Details/Date
Application Software Changes	<p><b>SIBR</b> – The CASIO will be upgrading the underlying SDK platform utilized for displaying the user interface. This latest SDK version will strengthen the security of the SIBR application and will improve compatibility with the latest version of Internet Explorer. It is anticipated no functional changes or API will be impacted by this upgrade.</p>

Milestone Type	Milestone Name	Dates	Status
Board Approval	Board Approval	N/A	
BPMs	Publish Final Business Practice Manuals	N/A	
External BRS	Post Draft BRS	N/A	
Tariff	Receive FERC order	N/A	
Config Guides	Configuration Guide	N/A	
Tech Spec	Publish Tech Specs	N/A	
	Technical Specifications	N/A	
Market Sim	Market Sim Window	N/A	
Production Activation	SIBR WebSDK Upgrade	Nov 01, 2017	

# Spring 2018 - Reliability Services Initiative 2017

Project Info	Details/Date
<p><b>Application Software Changes</b></p>	<p>Developments under consideration include:</p> <p><b><u>Scope:</u></b>            Redesign of Replacement Rule for System RA and Monthly RA Process.</p> <ul style="list-style-type: none"> <li>• RA Process and Outage Rules for implementation for 2017 RA year.</li> <li>• CSP Offer Publication (RSI 1A scope)</li> <li>• Local and system RA capacity designation</li> <li>• RA showing requirements for small load serving entities (LSEs)</li> <li>• RA showing tracking and notification</li> </ul> <p><b><u>Impacted Systems:</u></b></p> <ul style="list-style-type: none"> <li>• OASIS</li> <li>• Settlements</li> <li>• CIRA</li> </ul> <p><b><u>CIRA:</u></b></p> <ul style="list-style-type: none"> <li>• Modifications to the RA and Supply Plan to show breakdown of local and system. Validation rules need to be updated.</li> <li>• Update planned/forced outage substitution rules</li> <li>• Allow market participants to select how much system/local MWs to substitute.</li> <li>• Modification of UI screens to accommodate system/local MW split.</li> <li>• Enhance system to allow exemption from submission of RA Plans for LSE that have a RA obligation &lt; 1 MW for a given capacity product.</li> </ul> <p><b><u>Settlements:</u></b></p> <ul style="list-style-type: none"> <li>• Splitting local from system in upstream RA system could potentially impact the RAAIM calculation.</li> </ul>
<p><b>BPM Changes</b></p>	<ul style="list-style-type: none"> <li>• Reliability Requirements: Changes to the monthly RA process</li> <li>• Settlements and Billing</li> </ul>
<p><b>Business Process Changes</b></p>	<p><b>Manage Market &amp; Reliability Data &amp; Modeling</b></p> <ul style="list-style-type: none"> <li>- Manage Monthly &amp; Intra-Monthly Reliability Requirements</li> <li>- Manage Yearly Reliability Requirements</li> </ul>

# Spring 2018 - Reliability Services Initiative 2017

Milestone Type	Milestone Name	Dates	Status
Board Approval	Board Approval	May 12, 2015	✓
BPMs	Post Draft BPM changes	Jun 15, 2017	
External BRS	Post Updated External BRS v1.1 (RSI 2)	Apr 07, 2017	✓
	Post Updated External BRS v1.3 (RSI 1B)	Mar 03, 2017	✓
	Post RSI 2017 External BRS v2.0	Apr 19, 2017	✓
Tariff	File Tariff	Jul 1, 2017	
Config Guides	Configuration Guides	Jun 27, 2017	
Tech Spec	Publish Technical Specifications	Apr 03, 2017	✓
Market Sim	Market Sim Window	Oct 30, 2017 - Dec 08, 2017	
Production Activation	RSI 2017	Feb 13, 2018	

# Spring 2018 – EIM Idaho Power Company

Project Info	Details/Date
Application Software Changes	Implementation of Idaho Power Company as an EIM Entity.
BPM Changes	EIM BPM will be updated if needed to reflect new modeling scenarios identified during Idaho Power implementation and feedback from Idaho Power.
Market Simulation	The ISO approved the Idaho Power network model and continues to make progress integrating the Idaho model into the ISO non-production environment in preparation for integration testing.
Parallel Operations	February 1, 2018 – March 30, 2018

Milestone Type	Milestone Name	Dates	Status
Tariff	File Readiness Certification	Feb 28, 2018	
Market Sim	Market Sim Window	Dec 01, 2017 - Jan 31, 2018	
Parallel Operations	Parallel Operations Window	Feb 01, 2018 - Mar 30, 2018	
Production Activation	EIM - Idaho Power	Apr 04, 2018	