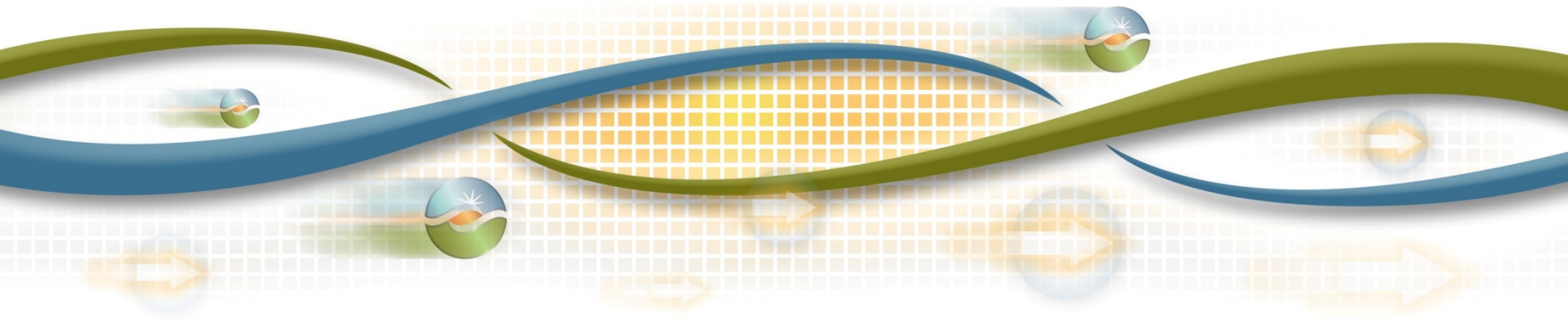# California ISO

Reliability Requirements Customer Partnership Group
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Customer Partnership Group
Scope and Objective

- Created in response to customer's request to have more involvement in the planning, design and usability validation phases of ISO application development

- Provide an open interactive partnership forum to identify potential opportunities to improve the overall customer experience

- Share ideas, opinions and provide feedback

- Discuss issues and concerns, and answer customer questions

- All ideas are welcome and will be considered based upon feasibility, prioritization and timeline constraints. Not all ideas may be feasible to implement

- Meetings vary in frequency to review progress, provide feedback on design and usability and discuss implementation approaches

- Active participation is critical to the CPG success and to improve our customer's experience interacting with ISO applications

Agenda

1. Replacement Requirement

2. Reliability Services initiative 2017 project scope versus the CIRA Technology Enhancements 2018 project

3. Discussion items for Reliability Services Initiative (RSI) Phase 1B & 2 Scope for 2017

4. Prioritization of B2B Services

5. Questions

Replacement Requirement

- Contract ID should be unique on the RA plan
  - Replacement requirement is miscalculated when contract ID is reused between a designated resource and a specified replacement resource

- Question on holding off on reporting outage changes until T-11

Scope in
Reliability Services Initiative (RSI) 2017 project
versus
The CIRA Technology Enhancements 2018 project

Reliability Services Initiative 1B & 2 - 2017 Scope

- Outage Impact Analysis (OIA)

- CAISO System Reliability Margin (CSRM)/ CAISO Local Reliability Check (CLRC)

- Planned Outage Substitution Obligation (POSO) Calculation & Substitution

- RA & Supply Plan template and upload validation

- Cross Validation (CV)

- CSP Offers publication

- Forced Outages Substitution Enhancements

- RA Report Enhancements

- RAAIM Enhancements

- RRSGO Decommissioning

CIRA Technology Enhancements 2018 Project scope

- NQC/EFC template uploads/downloads
- EFC data processing
- historic Substitutions data to just the Nov 2016 through RA year 2017 data
- Data retention rules
- SC for LSE role
- Acquired Contracts management
- Email registration & notification for late plans & POSO assignment

Reliability Services Initiative (RSI) Phase 1B & 2 Scope for 2017

RSI 1B & 2 Outage Impact Analysis (OIA) Impacts

- Display Outage Availability under Validation Results for OIA

- Remove Outage Impact

- Remove MW Balance, LSE Ratio views, Validation Output

- Start T-9 or T-8 for OIA with OTD availability?

RA Report

- ## Option 1: Listing additional fields on the same line

- ## Option 2: High level information and RA Details link

  - ➢ High level information – start and end dates, MOO Flag, NQC, PMax, Supply MW, Flex Supply MW, Generic Total MW, Flex Total MW

  - ➢ RA Details – Subst. MW, Orig. Res Subst. MW, CPM MW, CPM Subst. MW, Flex Cat., Flex Subst. MW, Orig. Res Flex Subst. MW, Orig. Res Flex CPM Subst. MW, Flex CPM MW, Flex CPM Subst., Replacement MWs(S,N & OM for pre RSI-1B data), Local MW, System MW, POSO MW, Local Area, TAC Area

Key: Green = new with 2017 RSI implementation.

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POSO Assignment

Planned Outage Substitution Obligations									
Submital Type	M	**Plan month**	1	**Plan Year**	2018				
POSO Run Num	2501651568378	**Start Date**	1/1/2018 ▼	**End Date**	1/16/2018 ▼				
Resource ID	(blank for all resources for the SC) ▼	**Outage ID**	(blank for all outages) ▼	**Supplier**	S1 (multi-select based on certificate) ▼				
Opportunity	(Y/N/ blank) ▼	**POSO Assigned**	(Y/N/ blank) ▼						

Per T-25 POSO Run:								
Date	**Resource ID**	**Impact MW**	**Outage ID**	**Supplier**	**Nature of Work**	**Opportunity**	**Priority Date**	**POSO Assigned**
4/1/2018	R1	249.99	O31	S1	PLANT_MAINTENANCE	Short Notice	3/1/2016 16:59:59 PM	Y
4/1/2018	R2	96.65	O29	S1	AMBIENT_DUE_TO_FUEL_INSUFFICIENCY	Off Peak	3/1/2017 23:59:59 PM	Y
4/1/2018	R3	205.6	O300	S1	ENVIRONMENTAL_RESTRICTIONS		6/12/2016 21:59:59 PM	Y
4/1/2018	R4	96	O128	S1	RAMP_RATE		12/21/2016 20:59:59 PM	Y
4/1/2018	R5	203.79	O39	S1	PLANT_MAINTENANCE	Off Peak	12/21/2016 20:59:59 PM	Y
4/1/2018	R10	5.28	O102	S1	PLANT_MAINTENANCE		3/1/2016 16:59:59 PM	N
4/1/2018	R11	24.34	O30	S1	AMBIENT_DUE_TO_FUEL_INSUFFICIENCY		3/1/2017 23:59:59 PM	N
4/1/2018	R12	8	O111	S1	ENVIRONMENTAL_RESTRICTIONS		6/12/2016 21:59:59 PM	N
4/1/2018	R13	4.38	O77	S1	RAMP_RATE		12/21/2016 20:59:59 PM	N
Export to Excel								

- Suppliers will need to login to CIRA to check their POSO assignment for each trade date in the month

Product Backlog and Roadmap

<(http://www.caiso.com/Documents/CIRA_Roadmap_ ProductionBacklogMarch212017.xlsx)>

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CIRA Production Fixes in the Pipeline

ID	Summary of Fix	E.T.A.
43972	CIDI 185424 - RA and Minimum Load data	2/21/17
44841	CIDI 00187927, CIRA's 2017 Annual CV LSE Obligation Details mismatch with Obligations report	4/30/17
46143	CIDI 00189853 - RAAIM penalty for flexible capacity claimed by a Load-Following MSSA.	4/7/17
44326	CIDI 190200 - Resource area mapping is not updating when you upload and approve the NQC	4/7/17
	CIDI 00185139 - operational RA data to the MPPF meetings	Data Release Committee evaluating
	CIDI 188526 - CPM Designation IDs: 25032027021 & 25032027021	under review with legal

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Prioritization of B2B Services

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B2B Services

B2B Services	Order of priority
API to retrieve POSO assignments	1
API to submit/ retrieve substitutions	1
API to submit CSP Offers	2
API to upload RA/Supply Plans	3
API to download all of RA Report	4
API to retrieve NQC data	4
API to retrieve RAAIM pre-calculation run details	4

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Questions?

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