DAME, EDAM, EDAM CAISO BAA PR Market Simulation Meeting

June 5, 2025

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Overview

This meeting series is held exclusively for participants registered for DAME, EDAM, and EDAM CAISO BAA PR implementation Market Simulation. This meeting series is held for reviewing and answering participants' questions about Connectivity Testing, Integration Testing, and Structured Market Simulation Scenarios. This meeting series shall be expanded with additional meetings at the time of Market Simulation and Parallel Operations.

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Overview

- Meeting Series Overview
- Project Timeline Overview
- Connectivity Testing Overview
- Integration Testing Overview
- Market Simulation Overview
- Parallel Operations Overview
- Activation Overview
- Next Steps

DAME, EDAM, EDAM CAISO BAA PR Meetings

Scheduled for 1-2PM PT

	Monday	Tuesday	Wednesday	Thursday	Friday
June	2	3	4	5	6
	9	10	11	12	13
	16	17	18	19	20
	23	24	25	26	27
	30				
July		1	2	3	4
	7	8	9	10	11
	14	15	16	17	18
	21	22	23	24	25
	28	29	30	31	

Market Simulation Forum	ISO Closure	Cancelled

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DAME / EDAM / WEIM – Timeline

Initiative	Connectivity Testing	Integration Testing*	Structured Market Sim	Unstructured Market Sim	Parallel Operations	Activation
Day-Ahead Market Enhancements	06/01/25 – 09/01/25	06/01/25 – 09/01/25	09/01/25 – 12/01/25	12/01/25 – 01/15/26	01/26/26 – 03/26/26 (EDAM OB)	05/01/26
Extended Day-Ahead Market	06/01/25 – 09/01/25	06/01/25 – 09/01/25	09/01/25 – 12/01/25	12/01/25 – 01/15/26	01/26/26 – 03/26/26 (EDAM OB)	05/01/26
EDAM ISO BAA Participation Rules Track A	06/01/25 – 09/01/25	06/01/25 – 09/01/25	09/01/25 – 12/01/25	12/01/25 – 01/15/26	01/26/26 – 03/26/26 (EDAM OB)	05/01/26
Extended Day-Ahead Market On-Boarding - Pacificorp	05/01/25 – 05/31/25	06/01/25 – 09/01/25	09/01/25 – 12/01/25	12/01/25 – 01/15/26	01/26/26 – 03/26/26	05/01/26
Extended Day-Ahead Market - PGE	11/01/25 – 11/30/25	12/01/25 – 01/31/26	02/01/26 – 04/30/26	05/01/26 – 06/12/26	05/18/26 – 09/04/26	10/01/26
WEIM - Berkshire Hathaway Energy Montana	09/01/25 – 10/17/25	10/01/26 – 11/30/26	12/01/25 – 02/13/26	NA	02/16/26 – 04/17/26	05/06/26
WEIM – Black Hills	09/01/25 – 10/17/25	10/01/26 – 11/30/26	12/01/25 – 02/13/26	NA	02/16/26 – 04/17/26	05/06/26

*Note: Formal Integration Period provided to Onboarding entities. For purposes of Market Simulation entities to perform Integration Testing to ensure provisioned application access.

ISO Deliverables Summary Of Changes

- **4/30/25:** [EDAM MSIM Structured Scenario v1.3](#) document updated. Added Charge Codes and Scenario MSS-014.

- **4/30/25:** [EDAM From To Systems Integration and Testing](#) document corrected webOMS submissions

- **4/30/25:** [2025 – 2026 Settlements Calendar](#)

- **5/14/25:** [DAME MSIM Structured Scenario v1.2](#) document updated for dates. Scenarios remain current.

- **5/29/25:** [SIBR Rules](#) posted to CAISO.com

- **Slide 14:** Updated AIM Role availability dates

- **Slide 15:** Added OASIS MAPSTAGE Report Availability

- **Slide 34-43:** Added DAME Structured Scenarios and Q/A

- **Slide 44-52:** Added EDAM Structured Scenarios

Note: Documents are posted to CAISO.com under the [Release Planning](#) page. New document versions are posted to existing document links to limit links being broken when shared. If the document version has recently been updated but the old document loads be sure to clear your cache/cookies and refresh the page.

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Participant Action Items

1. Continue Connectivity Testing applications for Market Simulation

2. Continue first half of Integration Testing for UI provisioning and access to applications for Market Simulation. Complete second half of Integration Testing after ISO discloses readiness of applications for submissions/receives, as well as testing with new provisioned roles for SIBR, PLC, and webOMS.

3. Review, outline, and submit questions to ISO for questions on [DAME MSIM Structured Scenario v1.2](). Review shall be held in future meeting.

4. Review, outline, and submit questions to ISO for questions on [EDAM MSIM Structured Scenario v1.3](). Review shall be held in future meeting. Review, outline, and submit Onboarding questions related to [EDAM From To Systems Integration and Testing]().

5. Review Updated [SIBR Rules]() posted to CAISO.com

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Connectivity Testing Overview – June 1, 2025

- Covers network testing & certificate provisioning

- Participants without certificates are expected to reach out to their User Access Administrator (UAA) for proper provisioning.

- Participants must attain MAPSTAGE provisioning for the following applications: MF, SIBR, MRI-S, ETCC - PLC, webOMS, CMRI, OASIS, and ALFS.

- Participants must update their firewall settings to ensure proper connections to applications. Refer to Connectivity Testing success criteria slide for more information.

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Connectivity Testing Success Criteria

Certificate	Success Criteria

YES	• Successful upon completion of following criteria:
	  • Access application via User Interface (UI) and login
	  • Access application via API

NO	• Successful upon completion of following criteria: • Access network via UI and/or API and receive error message about provisioning
NO	• Not successful if: • Attempt to access network via UI and/or API and receive error message other than request for provisioning

- Participants must perform connectivity testing for MAPSTAGE for all of the following applications: MF, SIBR, MRI-S, ETCC - PLC, webOMS, CMRI, OASIS, and ALFS.

Connectivity Testing Common Questions

- **What is the purpose of connectivity testing?**
  - ✓ The purpose of connectivity testing is to ensure you're able to access the ISO network without being blocked firewalls etc.
- **What applications do I need to complete connectivity testing for?**
  - ✓ MF, SIBR, MRI-S, PLC, webOMS, CMRI, OASIS, and ALFS (See slide 7)
- **Do I need certificate provisioning to complete connectivity testing?**
  - ✓ No, can receive an error requesting for provisioning which would mean you've successfully entered the ISO network to receive the error. Receiving an error other than a request for provisioning does not confirm entry into ISO network (see success criteria on slide 7).
- **Can I begin Connectivity Testing ahead of the disclosed schedule?**
  - ✓ Yes, you can begin Connectivity Testing ahead of the timeline to ensure proper access to ISO network.
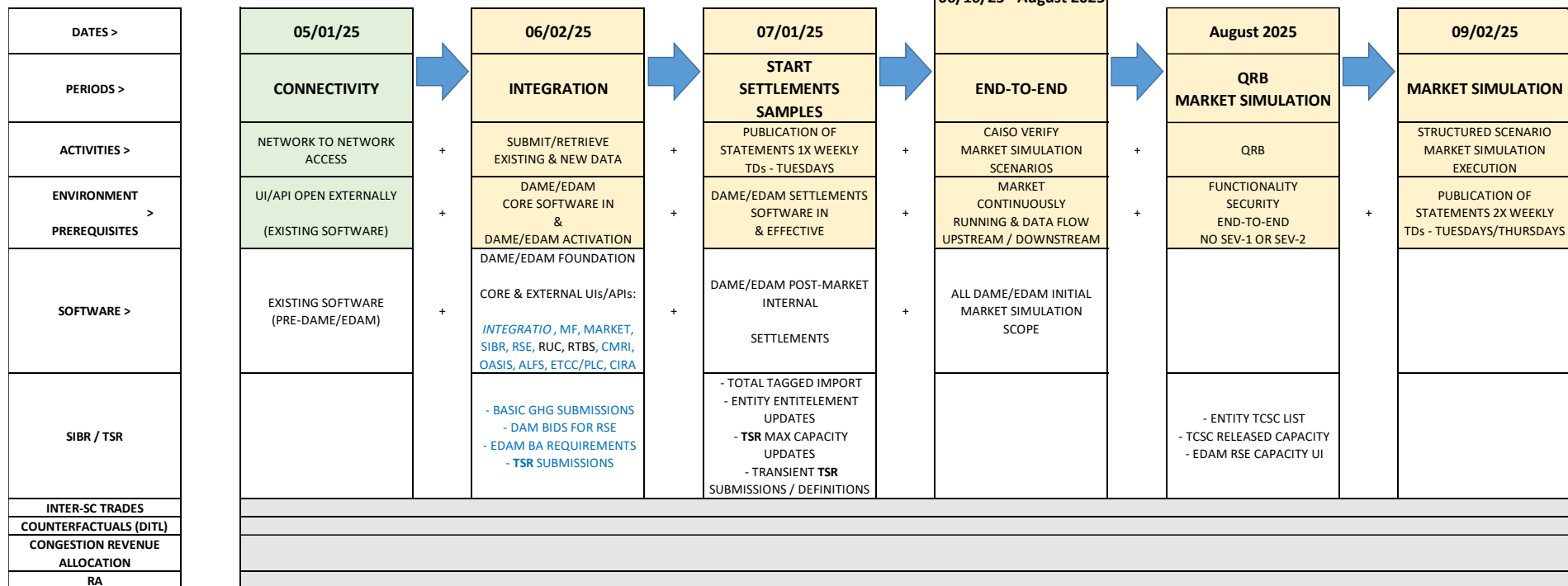
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Integration Testing Overview – June 1, 2025

- Formal Integration Period provided for onboarding participants.

- All registered and provisioned participants shall participate in Integration Testing for the purposes of Market Simulation.

- Participants must successfully attain certificate provisioning and have successfully completed Connectivity Testing

- Participants are to test submission and retrieval of data

- For the purposes of Integration Testing ISO shall ensure the following:

  - MAPSTAGE code is completed

  - Availability of MAPSTAGE environment applications externally

  - Presence of data for testing of viewing and retrievals

Note: The presence of data at this point is for the purposes of Integration Testing for viewing and retrieval and is not certified as quality data at this time

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MAP-Stage & Market Simulation Progression

ALREADY IN MAPSTAGE

06/16/25 - August 2025

	05/01/25		06/02/25		07/01/25		END-TO-END		August 2025		09/02/25
DATES >	05/01/25		06/02/25		07/01/25		END-TO-END		August 2025		09/02/25
PERIODS >	CONNECTIVITY		INTEGRATION		START SETTLEMENTS SAMPLES		END-TO-END		QRB MARKET SIMULATION		MARKET SIMULATION
ACTIVITIES >	NETWORK TO NETWORK ACCESS	+	SUBMIT/RETRIEVE EXISTING & NEW DATA	+	PUBLICATION OF STATEMENTS 1X WEEKLY TDs - TUESDAYS	+	CAISO VERIFY MARKET SIMULATION SCENARIOS	+	QRB	+	STRUCTURED SCENARIO MARKET SIMULATION EXECUTION
ENVIRONMENT > PREREQUISITES	UI/API OPEN EXTERNALLY (EXISTING SOFTWARE)	+	DAME/EDAM CORE SOFTWARE IN & DAME/EDAM ACTIVATION	+	DAME/EDAM SETTLEMENTS SOFTWARE IN & EFFECTIVE	+	MARKET CONTINUOUSLY RUNNING & DATA FLOW UPSTREAM / DOWNSTREAM	+	FUNCTIONALITY SECURITY END-TO-END NO SEV-1 OR SEV-2	+	PUBLICATION OF STATEMENTS 2X WEEKLY TDs - TUESDAYS/THURSDAYS
SOFTWARE >	EXISTING SOFTWARE (PRE-DAME/EDAM)	+	DAME/EDAM FOUNDATION CORE & EXTERNAL UIs/APIs: *INTEGRATIO* , MF, MARKET, SIBR, RSE, RUC, RTBS, CMRI, OASIS, ALFS, ETCC/PLC, CIRA	+	DAME/EDAM POST-MARKET INTERNAL SETTLEMENTS	+	ALL DAME/EDAM INITIAL MARKET SIMULATION SCOPE			
SIBR / TSR		+	- BASIC GHG SUBMISSIONS - DAM BIDS FOR RSE - EDAM BA REQUIREMENTS - **TSR** SUBMISSIONS	+	- TOTAL TAGGED IMPORT - ENTITY ENTITELEMENT UPDATES - **TSR** MAX CAPACITY UPDATES - TRANSIENT **TSR** SUBMISSIONS / DEFINITIONS	+			- ENTITY TCSC LIST - TCSC RELEASED CAPACITY - EDAM RSE CAPACITY UI	+	
INTER-SC TRADES											
COUNTERFACTUALS (DITL)											
CONGESTION REVENUE ALLOCATION											
RA											

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MAP-Stage Interfaces
❖ DAME/EDAM/EDAM ISO BAA PR

Available	Maintenance / Known Issue	NA

System	UI	API	RESTAPI	MOCK API
AIM - PRODUCTION	https://aim.caiso.com/	NA	NA	NA
ADS	https://ads.map.caiso.com/	https://adsws.map.caiso.com/	NA	NA
ALFS	NA	https://mapstage-ws.caiso.com/sst/runtime.asvc	https://mapstage-api.caiso.com/alfs	https://mapstage-apimock.caiso.com/mocks?appname=alfs
BAAOP	https://mapstage-baaop.caiso.com/	https://mapstage-ws.caiso.com/sst/baaop	NA	NA
BSAP	https://mapstage-bsap.caiso.com/	https://mapstage-ws.caiso.com/sst/bsap	NA	NA
CIDI	https://caisocommunity.caiso.com/	NA	NA	NA
CIRA	https://mapstage-cira.caiso.com/	https://mapstage-ws.caiso.com/sst/cira	NA	NA
CMRI	https://mapstage-cmri.caiso.com/	https://mapstage-ws.caiso.com/sst/cmri	NA	NA
CRR	https://mapstage-crrmui.caiso.com/	NA	https://mapstage-api.caiso.com/crr	https://mapstage-apimock.caiso.com/mocks?appname=crr
DRRS	https://mapstage-drrs.caiso.com/	https://mapstage-ws.caiso.com/sst/drrs	NA	NA
ETCC	NA	NA - RESTAPI	https://mapstage-api.caiso.com/etcc	https://mapstage-apimock.caiso.com/mocks?appname=etcc
FDR	NA	https://mapstage-ws.caiso.com/sst/runtime.asvc	https://mapstage-api.caiso.com/fdr	https://mapstage-apimock.caiso.com/mocks?appname=fdr
HANA	https://mapstage-hana.caiso.com/	NA	NA	NA
MF	https://mapstage-mf.caiso.com/	https://mapstage-ws.caiso.com/sst/runtime.asvc	NA	NA
MRI-S	https://mapstage-stlmt.caiso.com/	https://mapstage-ws.caiso.com/sst/stlmt	NA	NA
OASIS	http://mapstage-oasis.caiso.com	http://mapstage-oasis.caiso.com	NA	NA
OMS	https://mapstage-weboms.caiso.com/	https://mapstage-ws.caiso.com/sst/weboms	NA	NA
RCBSAP	https://mapstage-rcbsap.caiso.com/	https://mapstage-ws.caiso.com/sst/rcbsap	NA	NA
RCEIDE	NA	https://mapstage-ws.caiso.com/sst/rcservices	NA	NA
REPORTS	https://mapstage-reporting.caiso.com/	NA	NA	NA
RIMS	https://mapstage-rims.caiso.com/	NA	NA	NA
SIBR	https://mapstage-sibr.caiso.com/	https://mapstage-ws.caiso.com/sst/sibr	NA	NA
TR	https://mapstage-tr.caiso.com/	NA	NA	NA
WEBLINER	https://mapstage-webliner.caiso.com/	NA	https://mapstage-api.caiso.com/transews/webliner/	https://mapstage-apimock.caiso.com/mocks?appname=webliner
WEBWHEEL	https://mapstage-webwheels.caiso.com/	NA	NA	NA

Interface Change Overview – DAME/EDAM/EDAM ISO BAA PR New Access Roles

System	Role	Details	Available in AIM for MAP-Stage Provisioning
ETCC/PLC	EXTERNAL EDAM READ-WRITE	This role will allow external entity EDAM participants to submit path limit data at an hourly granularity to the ETCC/PLC application	**June 2, 2025**
webOMS	EXTERNAL EDAM READ-ONLY	View EDAM Outages attributes only. EDAM user will have read access to Market Impact tab but user still needs to have existing EXTERNAL READ-ONLY role to access OMS. EDAM user role with READ-ONLY role will be combined with existing EXTERNAL READ-ONLY role.	**June 2, 2025**
webOMS	EXTERNAL EDAM READ-WRITE	Create/Modify/View EDAM Outages attributes. EDAM user will have access to Market Impact tab but user still needs to have existing EXTERNAL READ-WRITE role to access OMS. EDAM user role will be combined with existing READ-WRITE role.	**June 2, 2025**
SIBR	EDAM READ ONLY EXTERNAL	Allow EDAM BA user to view requirement data in SIBR via the UI or using a web service (API).	**June 2, 2025**
SIBR	EDAM READ-WRITE EXTERNAL	Allow EDAM BA to submit requirement data to SIBR or review via the UI or using a web service (API).	**June 2, 2025**

OASIS Reports Availability

MAPSTAGE OASIS Reports	Date Added	Additional Information
Imbalance Reserve Forecasts	5/29/2025	Data Displayed for TD 6/1, 6/2, 6/3
Imbalance Reserve Surplus	5/29/2025	Mockup data to be provided for 2DA and 3DA for time being.
Capacity Requirements and Awards	5/29/2025	1. IRD/IRU data provided. 2. RCD/RCU mockup data shall be provided for time being.
Nomogram/Branch Shadow Prices	5/29/2025	DAM,HASP,RTPD Data Displayed for TD 6/1, 6/2, 6/3
Intertie Constraint Shadow Prices	5/29/2025	DAM,HASP,RTPD Data Displayed for TD 6/1, 6/2, 6/3
Interval Nomogram/Branch Shadow Prices	5/29/2025	Data Displayed for TD 6/1, 6/2, 6/3
Interval Intertie Constraint Shadow Prices	5/29/2025	Data Displayed for TD 6/1, 6/2, 6/3
Imbalance Reserve Scheduling Constraint Shadow Prices	5/29/2025	1. IRD/IRU data provided. 2. RCD/RCU mockup data shall be provided for time being.
MPM Nomogram/Branch Shadow Prices	Upcoming Release	Information to be provided after release.
MPM Nomogram/Branch Competitive Paths	Upcoming Release	Information to be provided after release.
MPM Intertie Constraint Shadow Prices	Upcoming Release	Information to be provided after release.
MPM Intertie Constraint Competitive Paths	Upcoming Release	Information to be provided after release.
Flexible Ramping Scheduling Point/Tie Nodal Prices	Upcoming Release	Information to be provided after release.
CAISO Demand Forecast Report	Upcoming Release	Information to be provided after release.
Sufficiency Evaluation Demand Forecast	Upcoming Release	Information to be provided after release.

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System	Project	Revision	XSD	Service	Major	Minor	Spec Version	Spec Pub	RDT	RDT Pub	RDT Def	RDT Def Pub	TSR DT	TSR DT Pub	MAP-Stage Available	MAP-Stage Data	MAP-Stage Activation Trade Date
MF	SPTOM	Minor	GeneratorRDT_v5.xsd	SubmitGeneratorRDT_MFRDv5 / SubmitGeneratorRDT_MFRDv5_DocAttach	5	20240401	8.4.2	05/05/25	GRDT 18.2	05/05/25	18.2	May 2025	NA	NA	NA – Production	NA – Production	NA – Production
MF	DAME	Minor	GeneratorRDT_v5.xsd	SubmitGeneratorRDT_MFRDv5 / SubmitGeneratorRDT_MFRDv5_DocAttach	5	20231201	8.5	11/20/23	GRDT 19.0	2024	19.0	2024	NA	NA	05/01/25	05/01/25	06/01/25
MF	cEDAM	Major	GeneratorRDT_v6.xsd	SubmitGeneratorRDT_MFRDv6 / SubmitGeneratorRDT_MFRDv6_DocAttach	6	20240201	8.6 / 8.6.1	01/05/24 / 03/05/25	GRDT 19.1	09/05/24	19.1	09/05/24	Yes	Shared with EDAM Entities for Now / Will Publish	05/01/25	05/01/25	06/01/25
MF	SPTOM	Minor	GeneratorRDT_v6.xsd	SubmitGeneratorRDT_MFRDv6 / SubmitGeneratorRDT_MFRDv6_DocAttach	6	20240201	8.6.2	05/05/25	GRDT 19.1	05/05/25	19.1	May 2025	NA	NA	Back-Fill	Back-Fill	Back-Fill
MF	SPTOM	Minor	GeneratorRDT_v5.xsd	SubmitGeneratorRDT_MFRDv5 / SubmitGeneratorRDT_MFRDv5_DocAttach	5	20240401	8.4.2	05/05/25	GRDT 18.2	05/05/25	18.2	May 2025	NA	NA	NA – Production	NA – Production	NA – Production
MF	DAME	Minor	GeneratorRDT_v5.xsd	RetrieveGeneratorRDT_MFRDv5 / RetrieveGeneratorRDT_MFRDv5_DocAttach	5	20231201	8.5	11/20/23	GRDT 19.0	2024	19.0	2024	NA	NA	05/01/25	05/01/25	06/01/25
MF	EDAM	Major	GeneratorRDT_v6.xsd	RetrieveGeneratorRDT_MFRDv6 / RetrieveGeneratorRDT_MFRDv6_DocAttach	6	20240201	8.6 / 8.6.1	01/05/24 / 03/05/25	GRDT 19.1	09/05/24	19.1	09/05/24	Yes	Shared with EDAM Entities for Now / Will Publish	05/01/25	05/01/25	06/01/25
MF	SPTOM	Minor	GeneratorRDT_v6.xsd	SubmitGeneratorRDT_MFRDv6 / SubmitGeneratorRDT_MFRDv6_DocAttach	6	20240201	8.6.2	05/05/25	GRDT 19.1	05/05/25	19.1	May 2025	NA	NA	Back-Fill	Back-Fill	Back-Fill

XSD	Minor	Spec Version	Project	RDT	RDT Def	MAP-Stage	Production
GeneratorRDT_v5.xsd	20240401	8.4.1	Production (FERC2222)	18.1	18.1	✔	✔
GeneratorRDT_v5.xsd	20240401	8.4.2	Production + SPTOM (no DAME/EDAM)	18.2	18.2	NA	2025
~~GeneratorRDT_v5.xsd~~	~~20231001~~	~~8.5~~	~~DAME~~	~~19.0~~	~~19.0~~	~~NA~~	~~NA~~
GeneratorRDT_v5.xsd / GeneratorRDT_v6.xsd	20231001 / 20240201	8.6 + 8.6.1	DAME + EDAM	19.1	19.1	✔ 04/07/25	2026
GeneratorRDT_v5.xsd / GeneratorRDT_v6.xsd	20231001 & 20240401 / 20240201	8.6.2	Production + SPTOM + DAME + EDAM	19.1 Revision	19.1 Revision	2025	2026

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System	Project	Revision	XSD	Service	Major	Minor	Spec Version	Spec Pub	MAP-Stage Available	MAP-Stage New Data	Rules	Rules Pub	MAP-Stage Activation Trade Date
SIBR	EDAM	Retire	~~ASRequirementData_v1.xsd~~	~~SubmitASRequirementData_SIBRv1~~ ~~SubmitASRequirementData_SIBRv1_DocAttach~~	1		19.1	05/16/25					
SIBR	EDAM	New	BARequirementData_v1.xsd	SubmitBARequirementData_SIBRv1 SubmitBARequirementData_SIBRv1_DocAttach	1	20240401	19 19.1	10/22/24 05/15/25	05/01/25	06/01/25	12.2.0 12.2.1 12.2.2		06/01/25
SIBR	EDAM	Data	ContractRightEntitlement_v1.xsd	SubmitContractRightEntitlement_SIBRv1 SubmitContractRightEntitlement_SIBRv1_DocAttach	1	20240401	19.1	05/16/25					
~~SIBR~~	~~EDAM~~	~~New~~	~~DynamicContractRightsDefinition_v1.xsd~~	~~SubmitDynamicContractRightsDefinition_SIBRv1~~ ~~SubmitDynamicContractRightsDefinition_SIBRv1_DocAttach~~	~~1~~	~~20240401~~	~~19~~ ~~19.1~~	~~10/22/24~~ ~~05/15/25~~	~~06/01/25~~	~~06/01/25~~	~~12.2.0~~ ~~12.2.1~~ ~~12.2.2~~		~~06/01/25~~
SIBR	EDAM	Data	TransferLocationCapacity_v1.xsd	SubmitTransferLocationCapacity_SIBRv1 SubmitTransferLocationCapacity_SIBRv1_DocAttach	1	20250401	19.1	05/16/25					
SIBR	DAME	Minor	RawBidSet_v5.xsd	SubmitRawBidSet_SIBRv5 SubmitRawBidSet_SIBRv5_DocAttach	5	20231001	18 18.1	11/28/23 03/18/24	05/01/25	06/01/25	12.0 12.1	2024	06/01/25
SIBR	EDAM	Minor	RawBidSet_v5.xsd	SubmitRawBidSet_SIBRv5 SubmitRawBidSet_SIBRv5_DocAttach	5	20250501	19 19.1	10/22/24 05/15/25	05/01/25	06/01/25	12.2.0 12.2.1 12.2.2		06/01/25
SIBR	EDAM	Data	ReleasedCapacityBid_v1.xsd	SubmitReleasedCapacityBid_SIBRv1 SubmitReleasedCapacityBid_SIBRv1_DocAttach	1	20250401	19.1	05/16/25					
SIBR	EDAM	Data	InterchangeScheduleData_v2.xsd	SubmitTotalTaggedImport_SIBRv2 SubmitTotalTaggedImport_SIBRv2_DocAttach	2	20250401	19	10/22/24	06/01/25	06/01/25	12.2.0 12.2.1 12.2.2		06/01/25
SIBR	EDAM	Data	InterchangeScheduleData_v2.xsd	SubmitTSTRTCapacityLimit_SIBRv1 SubmitTSTRTCapacityLimit_SIBRv1_DocAttach	1		19.1	05/16/25					
SIBR	EDAM	Retire	~~ASRequirementData_v1.xsd~~	~~RetrieveASRequirementData_SIBRv1~~ ~~RetrieveASRequirementData_SIBRv1_DocAttach~~	1		19.1	05/16/25					
SIBR	EDAM	New	BARequirementData_v1.xsd	RetrieveBARequirementData_SIBRv1 RetrieveBARequirementData_SIBRv1_DocAttach	1	20240401	19	10/22/24	05/01/25	06/01/25	12.2.0 12.2.1 12.2.2		06/01/25
SIBR	DAME	Minor	CleanBidSet_v5.xsd	RetrieveCleanBidSet_SIBRv5 RetrieveCleanBidSet_SIBRv5_DocAttach	5	20231001	18 18.1	11/28/23 03/18/24	05/01/25	06/01/25	12.0 12.1	2024	06/01/25
SIBR	EDAM	Minor	CleanBidSet_v5.xsd	RetrieveCleanBidSet_SIBRv5 RetrieveCleanBidSet_SIBRv5_DocAttach	5	20240401	19	10/22/24	05/01/25	06/01/25	12.2.0 12.2.1 12.2.2		06/01/25
SIBR	DAME	Minor	BidResults_v5.xsd	RetrieveCurrentBidResults_SIBRv5 RetrieveCurrentBidResults_SIBRv5_DocAttach	5	20231001	18 18.1	11/28/23 03/18/24	05/01/25	06/01/25	12.0 12.1	2024	06/01/25
SIBR	EDAM	Minor	BidResults_v5.xsd	RetrieveCurrentBidResults_SIBRv5 RetrieveCurrentBidResults_SIBRv5_DocAttach	5	20240401	19	10/22/24	05/01/25	06/01/25	12.2.0 12.2.1 12.2.2		06/01/25
SIBR	EDAM	Data	ContractRightEntitlement_v1.xsd	RetrieveContractRightEntitlement_SIBRv1 RetrieveContractRightEntitlement_SIBRv1_DocAttach	1	20240401	19.1	05/16/25					
~~SIBR~~	~~EDAM~~	~~New~~	~~DynamicContractRightsDefinition_v1.xsd~~	~~RetrieveDynamicContractRightsDefinition_SIBRv1~~ ~~RetrieveDynamicContractRightsDefinition_SIBRv1_DocAttach~~	~~1~~	~~20240401~~	~~19~~ ~~19.1~~	~~10/22/24~~ ~~05/15/25~~	~~06/01/25~~	~~06/01/25~~	~~12.2.0~~ ~~12.2.1~~ ~~12.2.2~~		~~06/01/25~~
SIBR	EDAM	Data	ReleasedCapacityBid_v1.xsd	RetrieveReleasedCapacityBid_SIBRv1 RetrieveReleasedCapacityBid_SIBRv1_DocAttach	1	20250401	19.1	05/16/25					
SIBR	EDAM	Data	TransferLocationCapacity_v1.xsd	RetrieveTransferLocationCapacity_SIBRv1 RetrieveTransferLocationCapacity_SIBRv1_DocAttach	1	20250401	19.1	05/16/25					
SIBR	EDAM		TSR Revisions					05/16/25			12.3		

SIBR References	
Access Roles	New for EDAM Entity BA: ➢ EDAM READ-ONLY EXTERNAL ➢ EDAM READ-WRITE EXTERNAL
User Guide	➢ SC User Guide for DAME
Release Notes	➢ Rules for DAME

Interface Change Overview – DAME/EDAM/EDAM ISO BAA PR
❖ ALFS, ETCC/PLC, BAAOP/RTM (RTSI)

System	Project	Revision	XSD	Service	RESTAPI	Spec Version	Spec Pub	MAP-Stage Mock Service	MAP-Stage Available	MAP-Stage Data	MAP-Stage Effective TD
ALFS	EDAM	New	ExternalEntityLoadForecast_v2	~~SubmitDayAheadDemandResponseSchedules~~ > SubmitDemand ResponseSchedules	caiso_alfs_external_entity_load_forecast_api	1.0.0 1.0.1	04/14/25 05/02/25	NA	05/01/25	NA	NA
ALFS	EDAM	New	ExternalEntityLoadForecast_v2	~~SubmitRealTimeDemand ResponseSchedules~~ > SubmitDemand ResponseSchedules	caiso_alfs_external_entity_load_forecast_api	1.0.0 1.0.1	04/14/25 05/02/25	NA	05/01/25	NA	NA
ALFS	EDAM	New	ExternalEntityLoadForecast_v2	~~SubmitDayAheadDemandResponseSchedules~~ ~~SubmitRealTimeDemand ResponseSchedules~~ SubmitDemand ResponseSchedules	caiso_alfs_external_entity_load_forecast_api	1.0.1	05/02/25	NA	06/01/25	06/01/25	06/01/25
ALFS	NA	New		GetStatus		1.0.0	04/16/25	NA	05/01/25	05/01/25	05/01/25

System	Project	Revision	XSD	Service	RESTAPI	Spec Version	Spec Pub	MAP-Stage Mock Service	MAP-Stage Available	MAP-Stage Data	MAP-Stage Effective TD
ETCC/PLC	EDAM	New	PathLimits_v1	SubmitETCCPathLimits	caiso_etcc_transmission_corridors_path_limits	1.0.0 1.0.1 1.0.2	05/01/24 04/08/25 May 2025	https://mapstage-apimock.caiso.com/mocks?appname=etcc for 1.0.0 NA for 1.0.1 NA for 1.0.2	05/01/25 05/01/25 06/01/25	06/01/25 06/01/25 06/01/25	06/01/25 06/01/25 06/01/25

System	Project	Revision	XSD	Service	Major	Minor	Spec Version	Spec Pub	Spec Example XML	Spec Example XML Pub	MAP-Stage Available	MAP-Stage Data	MAP-Stage Effective TD
BAAOP/ RTM/ RTSI	EDAM	NA Documentation/Data	InterchangeScheduleData_v2.xsd	SubmitEIMRTInterchangeScheduleData_RTMv2 SubmitEIMRTInterchangeScheduleData_RTMv2_DocAttach	2	20201001	2	12/06/23	AFTER THE FACT BREAKDOWN BY CONTRACT	12/06/23	06/01/25	06/01/25	06/01/25

References		
ALFS	Access Roles	Existing ➢ EXTERNAL VER
ETCC/PLC	Access Roles	New for EDAM ➢ EXTERNAL EDAM READ-WRITE

California ISO

Interface Change Overview – DAME/EDAM/EDAM ISO BAA PR
❖ CMRI

System	Project	Revision	XSD	Service	Major	Minor	Spec Version	Spec Pub	MAP-Stage Available	MAP-Stage Data	MAP-Stage Effective TD
CMRI	DAME	Minor	MarketAwards_v4.xsd	RetrieveMarketAwards_CMRIv4 RetrieveMarketAwards_CMRIv4_DocAttach	4	20240201 20240401	6.6.0 6.7.2	12/05/23 03/24/25	05/01/25	05/01/25* *Mock Data for Select SCIDs Only, Not All SCIDs TDs 04/25/25 & 04/26/25 DA Gen Market Results & DA Import Export Schedules	06/01/25
CMRI	DAME	Minor	SchedulePrices_v4.xsd	RetrieveSchedulePrices_CMRIv4 RetrieveSchedulePrices_CMRIv4_DocAttach	1	20240201 20250401	6.6.0 6.7.2	12/05/23 03/24/25	05/01/25	05/01/25* *Mock Data for Select SCIDs Only, Not All SCIDs TDs 04/25/25 & 04/26/25 DA Gen Commodity Prices & DA Import Export Commodity Prices	06/01/25

California ISO

❖ CMRI

System	Project	Revision	XSD	Service	Major	Minor	Spec Version	Spec Pub	MAP-Stage Available	MAP-Stage Data	MAP-Stage Effective TD
CMRI	DAME	New	MPMResults_v3.xsd RequestMPMResults_v3.xsd	RetrieveDAMitigatedBidResults_CMRIv3 RetrieveDAMitigatedBidResults_CMRIv3_DocAttach	3	20240201	6.6.0	12/05/23	05/01/25	06/01/25	06/01/25
CMRI	DAME	New	RAOverlappingCapacity_v1.xsd RequestRAOverlappingCapacity_v1.xsd	RetrieveRAOverlappingCapacity_CMRIv1 RetrieveRAOverlappingCapacity_CMRIv1_DocAttach	1	20240201 20240401	6.6.0 6.7.2	12/05/23 03/24/25	05/01/25	06/01/25	06/01/25
CMRI	DAME	New	DefaultBidCurves_v2.xsd RequestDefaultBidCurves_v2.xsd	RetrieveDefaultAvailabilityCurve_CMRIv2 RetrieveDefaultAvailabilityCurve_CMRIv2_DocAttach	2	20240201 20240401	6.6.0 6.7.1 6.7.2	12/05/23 03/10/24 03/24/25	05/01/25	06/01/25	06/01/25
CMRI	DAME	New	VirtualBidMovement_v1.xsd RequestVirtualBidMovement_v1.xsd	RetrieveVirtualBidMovement_CMRIv1 (RetrieveResourceMovementPoint_CMRIv1) RetrieveVirtualBidMovement_CMRIv1_DocAttach (RetrieveResourceMovementPoint_CMRIv1_DocAttach)	1	20240201	6.6.1	07/30/24	05/01/25	06/01/25	06/01/25
CMRI	DAME	Data	ResourceMovement_v1.xsd RequestResourceMovement_v1.xsd	RetrieveResourceLevelMovement_CMRIv1 ResourceLevelMovement_CMRIv1_DocAttach	1	20161001	6.7.2	03/24/25	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	EIMInterchangeScheduleData_v1.xsd RequestEIMInterchangeScheduleData_v1.xsd	RetrieveEIMInterchangeScheduleCRNData_CMRIv1 RetrieveEIMInterchangeScheduleCRNData_CMRIv1_DocAttach	1	20240401	6.7.0 6.7.2	03/27/24 03/24/25	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	DefaultBidCurves_v2.xsd RequestDefaultBidCurves_v2.xsd	RetrieveEntityDefaultAvailabilityCurve_CMRIv2 RetrieveEntityDefaultAvailabilityCurve_CMRIv2_DocAttach	2	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketBaseSchedules_v2.xsd RequestMarketBaseSchedules_v2.xsd	RetrieveEntityGreenHouseGasReferenceSchedule_CMRIv2 RetrieveEntityGreenHouseGasReferenceSchedule_CMRIv2_DocAttach	2	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketAwards_v4.xsd RequestMarketAwards_v4.xsd	RetrieveEntityMarketAwards_CMRIv4 RetrieveEntityMarketAwards_CMRIv4_DocAttach	4	20240401 20250401	6.7.0 6.7.3	03/27/24 04/06/25	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketTransferLimits_v1.xsd RequestMarketTransferLimits_v1.xsd	RetrieveEntityMarketTransferLimits_CMRIv1 RetrieveEntityMarketTransferLimits_CMRIv1_DocAttach	1	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketTransferSystemResourceDetails_v1.xsd RequestMarketTransferSystemResourceDetails_v1.xsd	RetrieveEntityMarketTransferSystemResourceDetails_CMRIv1 RetrieveEntityMarketTransferSystemResourceDetails_CMRIv1_DocAttach	1	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	UnitCommitments_v1.xsd RequestUnitCommitments_v1.xsd	RetrieveEntityUnitCommitments_CMRIv1 RetrieveEntityUnitCommitments_CMRIv1_DocAttach	1	20240401 20250401	6.7.0 6.7.3	03/27/24 04/06/25	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	GreenHouseGasAttributions_v1. xsd RequestGreenHouseGasAttributions_v1. xsd	RetrieveGreenHouseGasAttribution_CMRIv1 RetrieveGreenHouseGasAttribution_CMRIv1_DocAttach	1	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketBaseSchedules_v2.xsd RequestMarketBaseSchedules_v2.xsd	RetrieveGreenHouseGasReferenceSchedule_CMRIv2 RetrieveGreenHouseGasReferenceSchedule_CMRIv2_DocAttach	2	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketTransferLimits_v1.xsd RequestMarketTransferLimits_v1.xsd	RetrieveMarketTransferLimits_CMRIv1 RetrieveMarketTransferLimits_CMRIv1_DocAttach	1	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketTransferSystemResourceDetails_v1.xsd RequestMarketTransferSystemResourceDetails_v1.xsd	RetrieveMarketTransferSystemResourceDetails_CMRIv1 RetrieveMarketTransferSystemResourceDetails_CMRIv1_DocAttach	1	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketSchedules_v3.xsd RequestMarketSchedules_v3.xsd	RetrieveResourceSufficiencyEvalutionResourceContributionSchedule_CMRIv3 RetrieveResourceSufficiencyEvalutionResourceContributionSchedule_CMRIv3_DocAttach	3	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	GreenHouseGasAttributions_v1.xsd RequestGreenHouseGasAttributions_v1.xsd	RetrieveEntityGreenHouseGasAttribution_CMRIv1 RetrieveEntityGreenHouseGasAttribution_CMRIv1_DocAttach	1	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	New	MarketSchedules_v3.xsd RequestMarketSchedules_v3.xsd	RetrieveEntityResourceSufficiencyEvalutionResourceContributionSchedule_CMRIv3 RetrieveEntityResourceSufficiencyEvalutionResourceContributionSchedule_CMRIv3_DocAttach	3	20240401	6.7.0	03/27/24	06/01/25	06/01/25	06/01/25
CMRI	EDAM	~~New~~	~~MPMResults_v3.xsd~~ ~~RequestMPMResults_v3.xsd~~	~~RetrieveEntityDAMitigatedBidResults_CMRIv3~~ ~~RetrieveEntityDAMitigatedBidResults_CMRIv3_DocAttach~~	~~3~~	~~20240401~~	6.7.0 6.7.2	03/27/24 03/24/25	NA	NA	NA
~~CMRI~~	~~DAME~~	~~Minor~~	~~ResourceMovement_v1.xsd~~	~~RetrieveResourceMovementPoint_CMRIv1 >~~ RetrieveVirtualBidMovement_CMRIv1 ~~RetrieveResourceMovementPoint_CMRIv1_DocAttach >~~ RetrieveVirtualBidMovement_CMRIv1_DocAttach	4	~~20240201~~	6.6.0 6.7.2	12/05/23 03/24/25	NA	NA	NA

Interface Change Overview – DAME/EDAM/EDAM ISO BAA PR
❖ OASIS

System	Project	Revision	XSD	Service	Major	Minor	Spec Version	Spec Pub	UI	MAP-Stage Available	MAP-Stage Data	MAP-Stage Effective TD
OASIS	DAME	New	ImbalanceReserveDemandCurves_v1.xsd	IMB_RSV_DC: Imbalance Reserve Demand Curves	1	NA	7.6.0 7.6.4	02/27/24 01/27/25	Energy > Imbalance Reserve > Imbalance Reserve Demand Curves	05/01/25	05/01/25* TDs 04/30/25 & 05/01/25	06/01/25
OASIS	DAME	New	ImbalanceReserveRequirementsInputPolynomials_v1.xsd	IMB_RSV_REQ_INP_POLY: Imbalance Reserve Requirement Input Polynomials	1	NA	7.6.0 7.6.4	02/27/24 01/27/25	Energy > Imbalance Reserve > Imbalance Reserve Requirements Input Polynomials	05/01/25	05/01/25* TDs 04/30/25 & 05/01/25	06/01/25
OASIS	DAME	New	ImbalanceReserveRequirementThresholds_v1.xsd	IMB_RSV_REQ_THRSH: Imbalance Reserve Requirement Thresholds	1	NA	7.6.0 7.6.4	02/27/24 01/27/25	Energy > Imbalance Reserve > Imbalance Reserve Requirement Thresholds	05/01/25	05/01/25* TDs 04/30/25 & 05/01/25	06/01/25
OASIS	DAME	New	ImbalanceReserveRequirementsUncertaintyHistograms_v1.xsd	IMB_RSV_REQ_UNC_HSG: Imbalance Reserve Requirement Uncertainty Histograms (IMB_RSV_REQ_UNC_HSG: Imbalance Reserve Requirement Input Uncertainty Histograms)	1	NA	7.6.0 7.6.4	02/27/24 01/27/25	Energy > Imbalance Reserve > Imbalance Reserve Requirements Uncertainty Histograms	05/01/25	05/01/25* TDs 04/30/25 & 05/01/25	06/01/25
OASIS	DAME	New	SchedulingPointTieCombinationCapacityPrices_v1.xsd	SPTIE_CMB_CAP_PRC: Scheduling Point/Tie Combination Capacity Prices	1	NA	7.6.0 7.6.4 7.6.5	02/27/24 01/27/25 05/05/25	Prices > Energy Prices > Scheduling Point/Tie Combination Capacity Prices	05/01/25	05/01/25* TD 04/30/25	06/01/25
OASIS	DAME	New	CapacityPrices_v1.xsd	CAP_PRC: Capacity Prices	1	NA	7.6.0 7.6.4 7.6.5	02/27/24 01/27/25 05/05/25	Prices > Energy Prices > Capacity Prices	05/01/25	05/01/25* TD 04/30/25	06/01/25
OASIS	DAME	New	MarketPowerMitigationDACapacityPrices_v1.xsd	MPM_DA_CAP_PRC: MPM DA Capacity Prices	1	NA	7.6.0 7.6.4 7.6.5	02/27/24 01/27/25 05/05/25	Prices > Market Power Mitigation > MPM DA Capacity Prices	05/01/25	05/01/25* TD 04/30/25	06/01/25
OASIS	DAME	New	MarketPowerMitigationIntertieCapacityPrices_v1.xsd	MPM_ITIE_CAP_PRC: MPM Capacity Prices	1	NA	7.6.5	05/05/25	Prices > Market Power Mitigation > MPM Intertie Capacity Prices	05/01/25	05/01/25* TD 04/30/25	06/01/25
OASIS	DAME	Major	MarketPowerMitigationNomogramBranchShadowPrices_v13.xsd	PRC_MPM_NOMOGRAM: MPM Nomogram/Branch Shadow Prices	13	NA	7.6.0 7.6.2 7.6.5	02/27/24 09/20/24 05/05/25	Prices > Market Power Mitigation > MPM DA Capacity Prices	05/01/25	05/01/25* TDs 04/30/25 & 05/01/25 (Product=EN only)	06/01/25
OASIS	DAME	Major	MarketPowerMitigationNomogramBranchComptetitivePaths_v13.xsd	PRC_MPM_NOMOGRAM_CMP : MPM Nomogram/Branch Competitive Paths	13	NA	7.6.2 7.6.5	09/20/24 05/05/25	Prices > Market Power Mitigation > MPM Nomogram/Branch Competitive Paths	05/01/25	05/01/25* TDs 04/30/25 & 05/01/25 (Product=EN only)	06/01/25
OASIS	DAME	Major	NomogramBranchShadowPrices_v13.xsd	PRC_NOMOGRAM: Nomogram/Branch Shadow Prices	13	NA	7.6.0 7.6.2 7.6.5	02/27/24 09/20/24 05/05/25	Prices > Shadow Prices > Nomogram/Branch Shadow Prices	05/01/25	05/01/25* TDs 04/30/25 & 05/01/25 (Product=EN only)	06/01/25

Interface Change Overview – DAME/EDAM/EDAM ISO BAA PR
❖ OASIS

System	Project	Revision	XSD	Service	Major	Minor	Spec Version	Spec Pub	MAP-Stage Available	MAP-Stage Data	MAP-Stage Effective TD
OASIS	DAME	New	ImbalanceReserveSurplus_v1.xsd	IMB_RSV_SURPLUS: Imbalance Reserve Surplus	1	NA	7.6.2	09/20/24	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	ImbalanceReserveSurplus_v1.xsd	DA2_IMB_RSV_SURPLUS: Imbalance Reserve Surplus	1	NA	7.6.2	09/20/24	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	ImbalanceReserveSurplus_v1.xsd	DA3_IMB_RSV_SURPLUS: Imbalance Reserve Surplus	1	NA	7.6.2	09/20/24	06/01/25	06/01/25	06/01/25
OASIS	DAME	Major	IntertieConstraintsShadowPrices_v13.xsd	PRC_CNSTR: Intertie Constraints Shadow Prices	13	NA	7.6.0 7.6.2 7.6.5	02/27/24 09/20/24 05/05/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	Major	MarketPowerMitigationIntertieConstraintsShadowPrices_v13.xsd	PRC_MPM_CNSTR: MPM Intertie Constraints Shadow Prices	13	NA	7.6.0 7.6.5	02/27/24 05/05/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	Major	MarketPowerMitigationIntertieConstraintCompetitivePaths_v13.xsd	PRC_MPM_CNSTR_CMP: MPM Intertie Constraint Competitive Paths	13	NA	7.6.2 7.6.5	09/20/24 05/05/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	Major	MarketPowerMitigationRealTimeIntertieConstraintShadowPrices_v13.xsd	PRC_MPM_RTM_NOMOGRAM: MPM Nomogram Branch RT Intertie Shadow Prices	13	NA	7.6.2 7.6.5	09/20/24 05/05/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	Major	MarketPowerMitigationRealTimeNomogramBranchCompetitivePaths_v13.xsd	PRC_MPM_RTM_NOMOGRAM_CMP: MPM RT Nomogram Branch Competitive Paths	13	NA	7.6.2 7.6.5	09/20/24 05/05/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	CapacityConstraintsShadowPrices_v1.xsd	CAP_CNSTR_SHDW_PRC: Capacity Constraint Shadow Prices	1	NA	7.6.0 7.6.2 7.6.4	02/27/24 09/20/24 01/27/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	ImbalanceReserveForecasts_v1.xsd	IMB_RSV_FCST: Imbalance Reserve Forecasts	1	NA	7.6.0 7.6.4	02/27/24 01/27/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	ImbalanceReserveSchedulingConstraintShadowPrices_v1.xsd	IMB_RSV_SCH_CONSTR_SHDW_PRC : Imbalance Reserve Scheduling Constraint Shadow Prices	1	NA	7.6.2 7.6.4	09/20/24 01/27/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	CapacityRequirementsAndAwards_v1.xsd	CAP_REQ_AWRD: Capacity Requirement & Awards	1	NA	7.6.5	05/05/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	CapacityRequirementsAndAwardsv1.xsd *(was ImbalanceReserveRequirementsAndAwards_v1.xsd)*	DAM_CAP_REQ_AWRD: Capacity Requirements & Awards *(was DAM_IMB_RSV_REQ_AWRD: Imbalance Reserve Requirements & Awards)*	1	NA	7.6.5	05/05/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	CapacityRequirementsAndAwardsv1.xsd *(was ImbalanceReserveRequirementsAndAwards_v1.xsd)*	DA2_CAP_REQ_AWRD: Capacity Requirements & Awards *(was DA2_IMB_RSV_REQ_AWRD: Imbalance Reserve Requirements & Awards)*	1	NA	7.6.5	05/05/25	06/01/25	06/01/25	06/01/25
OASIS	DAME	New	CapacityRequirementsAndAwardsv1.xsd *(was ImbalanceReserveRequirementsAndAwards_v1.xsd)*	DA3_CAP_REQ_AWRD: Capacity Requirements & Awards *(was DA3_IMB_RSV_REQ_AWRD: Imbalance Reserve Requirements & Awards)*	1	NA	7.6.5	05/05/25	06/01/25	06/01/25	06/01/25

Interface Change Overview – DAME/EDAM/EDAM ISO BAA PR
❖ OASIS

Syste m	Projec t	Revisio n	XSD	Service	Major	Minor	Spec Version	Spec Pub	MAP- Stage Available	MAP- Stage Data	MAP- Stage Effective TD
OASIS	DAME	New	CapacityAggregateAwards_v1.xsd	CAP_AGGR_AWRD: Capacity Aggregate Awards	1	NA	7.6.2 7.6.5	09/20/24 05/05/25	-	-	-
OASIS	DAME	New	ImbalanceReserveRequirementsAndAwards_v1.xsd > CapacityRequirementsAndAwardsv1.xsd	IMB_RSV_REQ_AWRD: Imbalance Reserve Requirements & Awards > CAP_REQ_AWRD: Capacity Requirements & Awards	1	NA	7.6.2 7.6.5	09/20/24 05/05/25	-	-	-
OASIS	DAME	New	ImbalanceReserveRequirementsAndAwards_v1.xsd > CapacityRequirementsAndAwardsv1.xsd	DAM_IMB_RSV_REQ_AWRD: Imbalance Reserve Requirements & Awards > DAM_CAP_REQ_AWRD: Capacity Requirements & Awards	1	NA	7.6.2 7.6.5	09/20/24 05/05/25	-	-	-
OASIS	DAME	New	ImbalanceReserveRequirementsAndAwards_v1.xsd > CapacityRequirementsAndAwardsv1.xsd	DA2_IMB_RSV_REQ_AWRD: Imbalance Reserve Requirements & Awards > DA2_CAP_REQ_AWRD: Capacity Requirements & Awards	1	NA	7.6.2 7.6.5	09/20/24 05/05/25	-	-	-
OASIS	DAME	New	ImbalanceReserveRequirementsAndAwards_v1.xsd > CapacityRequirementsAndAwardsv1.xsd	DA3_IMB_RSV_REQ_AWRD: Imbalance Reserve Requirements & Awards > DA3_CAP_REQ_AWRD: Capacity Requirements & Awards	1	NA	7.6.2 7.6.5	09/20/24 05/05/25	-	-	-
OASIS	DAME	New	ImbalanceReserveConstraintResults_v1.xsd	IMB_RSV_CNSTR_RSLT : Imbalance Reserve Constraint Results	1	NA	7.6.2 7.6.4 7.6.5	09/20/24 01/27/25 05/05/25	-	-	-
OASIS	DAME	New	ImbalanceReserveRequirementsUncertaintyHistograms_v1.xsd	IMB_RSV_REQ_UNC_HSG: Imbalance Reserve Requirement Input Uncertainty Histograms > IMB_RSV_REQ_UNC_HSG: Imbalance Reserve Requirement Uncertainty Histograms	-	-	7.6.0 7.6.4	02/27/24 01/27/25	-	-	-
OASIS	DAME	New	IFMForecastMovement_v1.xsd	FCST_MVNT_DATA: IFM Forecast Movement	-	-	7.6.0 7.6.2 7.6.4	02/27/24 09/20/24 01/27/25	-	-	-
OASIS	DAME	New	ImbalanceReserveRequirements_v1.xsd	IMB_RSV_REQ: Imbalance Reserve Requirements	-	-	7.6.0 7.6.4	02/27/24 01/27/25	-	-	-

System	Project	Revision	XSD	Service	Major	Minor	Spec Version	Spec Pub	MAP-Stage Available	MAP-Stage Data	MAP-Stage Effective TD
OASIS	EDAM	New	AggregatedBAALevelFinalBinding_v1.xsd	AGG_BAA_LVL_FINAL_BIND: Aggregated/BAA Level Final/Binding	1	NA	7.6.1	04/12/24	06/01/25	06/01/25	06/01/25
OASIS	EDAM	New	AggregatedRSEAdvisoryRunResults_v1.xsd	AGG_RSE_ADV_RUN_RSLTS: Aggregated RSE Advisory Run Results	1	NA	7.6.1	04/12/24	06/01/25	06/01/25	06/01/25
OASIS	EDAM	New	EDAMDemandForecasts_v1.xsd	EDEMAND_FORECASTS: EDAM Demand Forecasts	1	NA	7.6.1	04/12/24	06/01/25	06/01/25	06/01/25
OASIS	EDAM	New	EDAMNetExportTransferConstraintInputParameters_v1.xsd	ENET_EXP_TRNS_CNSTR_INP_PRM: EDAM Net Export Transfer Constraint Input Parameters	1	NA	7.6.1	04/12/24	06/01/25	06/01/25	06/01/25
OASIS	EDAM	New	EDAMWindAndSolarForecast_v1.xsd	EWND_SLR_FORECAST: EDAM Wind & Solar Forecasts	1	NA	7.6.1	04/12/24	06/01/25	06/01/25	06/01/25
OASIS	EDAM	New	NetTransfer_v1.xsd	NET_TRANSFER: Day Ahead Net Transfer	1	NA	7.6.1	04/12/24	06/01/25	06/01/25	06/01/25
OASIS	EDAM	New	TaggedTransmissionAndEnergyStatus_v1.xsd	TAG_TRANS_ENE_STATUS: Tagged Transmission & Energy Status	1	NA	7.6.1	04/12/24	06/01/25	06/01/25	06/01/25
OASIS	EDAM	New	TotalNetGHGImportTransfer_v1.xsd	TOTAL_NET_GHG_IMP_TRNSFR: Total Net GHG Import Transfer	1	NA	7.6.1	04/12/24	06/01/25	06/01/25	06/01/25

Integration Testing Success Criteria

Certificate	Success Criteria
YES	• Successful upon completion of connectivity testing • Successful submission and retrieval via UI • Successful submission and retrieval via API
YES	• Not successful if: • Receiving submission or retrieval error messages. Submit CIDI and email marketsim@caiso.com for support.

Note: Refer to From/To Day In the Life (DITL) checklist for purposes of Integration Testing readiness.

California ISO

Integration + Settlements Overview – July 1, 2025

- Upon completion of successful Integration Testing participants can continue Integration Testing with live data and Settlement results beginning on 7/1/25 Participants are to test submission and retrieval of data

- For the purposes of Integration Testing ISO shall ensure the following:

  – Live data for testing of submissions and retrievals

  – Publishing of Settlements Statements once a week on Tuesday TDs

Note: Participants must review Settlement Statements to ensure understanding of proper format required for submission.

Settlements Calendar is published: https://www.caiso.com/documents/draft-market-simulation-plan-spring-2026-release.pdf

Note: The presence of data at this point is for the purposes of Integration Testing for submission and retrieval and is not certified as quality data at this time

California ISO

Integration Testing Success Criteria – Live Data

Certificate	Success Criteria
YES	• Successful completion of connectivity testing and Integration Testing of view/retrieves with applicable mock data • Successful submission and retrieval via UI of live data • Successful submission and retrieval via API of live data
YES	• Not successful if: • Receiving submission or retrieval error messages. Submit CIDI and email marketsim@caiso.com for support.

Note: ISO to provide Settlement Statements weekly for Tuesday TDs.

Refer to Settlements Calendar provided in Market Simulation Plan for more information.

California ISO

Integration Testing Common Questions

- **What is the purpose of Integration Testing?**
  - ✓ With access to the ISO network participates test their provisioned access for each application to ensure access to application User Interface and API. Refer to Certificates Role Types on Slide 11.
- **Can I begin Integration Testing ahead of the disclosed schedule?**
  - ✓ Yes, you can begin Integration Testing ahead of the timeline to ensure proper access to Applications' User Interfaces. Note that submissions and receives for purposes of Integration Testing will only be available after ISO confirmation for availability. Similarly, will need to ensure access to applications once new role types created and provisioned for SIBR, PLC, and webOMS.
- **The UI and API fully aligned for the purposes of Integration Testing?**
  - – Participants are encouraged to test submit/retrieve on application UIs separately from submit/retrieve on APIs. Functionality between UI and API is expected to be aligned closer to the time of Market Simulation after ISO completes internal end-to-end testing.

Market Simulation Overview - Sept. 1, 2025

- Covers activities in the MAP Stage environment

- MAP Stage is an integrated Production-like environment that is available to customers with provisioned access

- Allows customers to experience ISO release/project implementations prior to Production implementation

- Market Simulation will allow customers and the CAISO to conduct specific market scenarios in a test environment prior to the Production activation to ensure that all system interfaces are functioning as expected and to produce simulated market results

- Customers may also use MAPSTAGE to validate the interaction of customer-driven changes with the ISO systems

Reasons for Market Simulation

- **Rule impacts**: Generalized changes in market rules, bidding rules, settlements rules, market design changes, or other business rules.

- **Interface changes**: Changes that impact templates (RA Supply Plan, Master File RDT, etc.), User Interfaces (UI), Application Programming Interface (API) / Web Service.

- **New/modified application/report**: Changes that cause addition/modification of ISO systems or reports, especially when data input is required by the customer

- **New/modified system process**: Modification of data flow in systems, especially if the new/modified process requires the customer to demonstrate proficiency prior to Production

- **New/modified model data**: Addition or substantial modification of model data as a market solution or export provided by the ISO

- **New/modified user role**: The addition or modification of access permissions for a user role

California ISO

Market Simulation Overview – Helpful Links

- ## From To and Day In The Life document
  - Participants to complete Connectivity Testing, and Integration testing related to the systems participants need access to as well as complete this document checklist for services participants are planning on utilizing for purposes of implementation.

- ## DAME Structured Market Simulation [Scenarios](#)
  - Refer to posted DAME Structured Market Simulation Scenarios as are current. Document recently updated for align timelines provided in this document.

- ## EDAM Implementation Structured Market Simulation [Scenarios](#)
  - EDAM CAISO BAA PR participants shall complete the same Structured Scenarios as disclosed in the EDAM Implementation Structured Market Simulation Scenario document.

Market Simulation Success Criteria – Sept. 1, 2025

Certificate	Success Criteria
YES	• Successful completion of Market Simulation Scenarios
YES	• Not successful if: • Receiving submission or retrieval error messages. Submit CIDI and email marketsim@caiso.com for support.

Note: ISO to provide Market Simulation Scenario document.

California ISO

Market Simulation Common Questions

- **Which entities can participate in the MAPSTAGE Market Simulation starting on 9/1/2025.**
  - ✓ All registered and provisioned participants can participate in the Market Simulation. Entities shall complete Market Simulation with the same provisioning they shall have in Production on Activation of 5/1/2026. E.g., if entities are not yet an EDAM but are still a Western EIM on 5/1/2026 then they shall complete Market Simulation starting on 9/1/2026 as a Western EIM.

- **What are the expectations for Unstructured Market Simulation?**
  - ✓ Participants may utilize the additional Unstructured Market Simulation timeline to go back and test Structured Scenarios upon request to ISO. Send your requests ahead of and throughout Market Simulation ahead of Unstructured Market Simulation to ensure ample time for ISO to accommodate requests.
  - ✓ Additionally Participants may test additional functionality tangential to DAME, EDAM, EDAM CAISO BAA PR Implementation as desired, if additional ISO accommodates are required participants should reach out to ISO ahead of time.

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Scenario Number	Structured Scenario	
	Description	Demonstrate proper submission of IRU/IRD and RCU/RCD bids
	ISO Actions	Run DAM and settlements
	WEIM Market Participant Actions	N/A
	ISO Market Participant Actions	SC's would submit IRU/IRD and RCU/RCD bids for resources
DAME – MSS-001	Expected Outcome	Verify in OASIS : • IR/RC Bid-Related Data • IFM IR and RUC RC Nodal Prices • IFM IR and RUC Binding Constraints Shadow Prices • IFM IR and RUC RC Nomogram/Branch and Interties Shadow Prices • IFM IR and RUC RC MPM Intertie Constraint Competitive Path • IFM IR and RUC RC Aggregate Awards • IRU/IRD Requirements • IRU/IRD Requirement Thresholds • IRU/IRD Requirements Input Polynomials • IRU/IRD Requirements Uncertainty Histograms • IRU/IRD Forecasts • IRU/IRD Demand Curves • IFM Forecast Movement • Payment and No-Payments of IR/RC-Charge Code Settlements Amounts Data CMRI: • IR and RC DAB Curves • IFM IRU and RUC RCU Mitigated Bids • IFM IR and RUC RC Resource Awards • IFM IR and RUC RC Resource Prices • IFM IR and RUC RC LSE Resource Awards • IRU/IRD LOC for Overlapping RA Capacity • DA/Base Schedule Forecasted Movement Data

Anticipated Settlement Outcome	Applied Settlements
Expected Settlement Outcome	Verify settlements charge codes for: Main CCs: 8071, 8081, 8800, 8810, 6630, 6620, 66200, 7070, 8080, 8088 Possible CCs: 1) IR: 8071, 8076, 8077, 8081, 8086, 8087 2) RC: 8800, 8806, 8807, 8810, 8816, 8817, 3) TSR for IR and RC: 8011, 8811 4) BCR: 6630, 6636, 6637, 6620, 66200, 6678, 66780 5) FRP: 7070, 7071, 7076, 7077, 7078, 7081, 7087, 7088 6) RSE: 8080, 8088 7) EDAM Access Charge: 8326, 8322 8) DA offsets: 8404; 8704 9) Congestion: 6700, 6790, 6701, 6706, 6791 10) GHG: 8310, 8315 11) GMC: 4560, 4561, 4563, 4564, 4566, 4567

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Question: MSS-001, What is CAISO's plan for the RA resources for IR and RC? Will CAISO seed the RA and Supply Plan for the Trade month? Or would CAISIO like Market Participants to submit RA and Supply Plan?

Answer: TBD – ISO following up offline for clarification.

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Question: Do we assume that if a MSG resource is certified for any of the products that each configuration is also certified for providing the products? Do we submit mw IRU, IRD, RCU, RCD based on the mw range of the configuration level? It is my understanding that for MSG resources, bids are submitted into SIBR at the configuration level, not the resource level.

Answer: Certified Capacity is at the resource level. A bid for a configuration can be submitted for IRU/IRD/RCU/RCD where the bid range of the Energy Bid Curve will limit what Capacity can be used for that configuration. Note that the price must be consistent for each configuration (similar to AS bidding).

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Question: Should we expect bid insertion for DAME-MSS-001?

Answer: Only for RCU. Note: If no VER at close of the Market then will receive RCU and utilize instead.

Question: Can you explain the difference between Primary and Potential Charge Codes?

Answer: Primary Charge Codes are expected to be utilized for the purposes of the Structured Scenario. It is also possible for the potential Charge Codes to be utilized as well. For purposes of Market Simulation validate the Primary and Potential Charge Codes.

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
	Description	Demonstrate change of activated transmission constraints for IRU/IRD deployment.
	ISO Actions	• Change set of activated transmission constraints, monitored for IRU/IRD deployment. • Run DAM and settlements
	WEIM Market Participant Actions	N/A
	ISO Market Participant Actions	SC's would submit IRU/IRD and RCU/RCD bids for resources in Day Ahead Market
DAME – MSS-002	Expected Outcome	Verify for changed set of activated transmission constraints in OASIS : • IR/RC Bid-Related Data • IFM IR and RUC RC Nodal Prices • IFM IR and RUC Binding Constraints Shadow Prices • IFM IR and RUC RC Nomogram/Branch and Interties Shadow Prices • IFM IR and RUC RC MPM Intertie Constraint Competitive Path • IFM IR and RUC RC Aggregate Awards • IRU/IRD Requirements • IRU/IRD Requirement Thresholds • IRU/IRD Requirements Input Polynomials • IRU/IRD Requirements Uncertainty Histograms • IRU/IRD Forecasts • IRU/IRD Demand Curves • IFM Forecast Movement • Payment and No-Payments of IR/RC-Charge Code Settlements Amounts Data CMRI: • IR and RC DAB Curves • IFM IRU and RUC RCU Mitigated Bids • IFM IR and RUC RC Resource Awards • IFM IR and RUC RC Resource Prices • IFM IR and RUC RC LSE Resource Awards • IRU/IRD LOC for Overlapping RA Capacity DA/Base Schedule Forecasted Movement Data

Anticipated Settlement Outcome	N/A
Expected Settlement Outcome	Verify settlements charge codes for: Main CCs: 8071, 8081 Possible CCs: 1) IR: 8071, 8076, 8077, 8081, 8086, 8087 2) RC: 8800, 8806, 8807, 8810, 8816, 8817, 3) TSR for IR and RC: 8011, 8811 4) BCR: 6630, 6636, 6637, 6620, 66200, 6678, 66780 5) FRP: 7070, 7071, 7076, 7077, 7078, 7081, 7087, 7088 6) RSE: 8080, 8088 7) EDAM Access Charge: 8326, 8322 8) DA offsets: 8404; 8704 9) Congestion: 6700, 6790, 6701, 6706, 6791 10) GHG: 8310, 8315 11) GMC: 4560, 4561, 4563, 4564, 4566, 4567

California ISO

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Question: For MSS-002, Will be able to see the IR and RC energy prices as well as the Nodal prices and Binding constraints Shadow prices. Also will we be able to see the congestion charge codes being triggered?

Answer: Nodal Prices shall continue to be posted to CMRI for visibility. For DAME-MSS-002 and EDAM-MSS-003 the expectations are for participants to identify resources they would like tested for congestion. If none identified ISO team shall select specific resources on participants' behalf to run for the purposes of this scenario. ISO requests participants to reach out ahead of time via CIDI to disclose the resources they would like tested for the purposes of these Scenarios. ISO expects CRR to be functioning as expected for purposes of Market Sim, in the event of data issues ISO to seed the data as needed for Market Simulation purposes.

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
	Description	Demonstrate settlements charge codes for IRU/IRD bids in case of bid cost recovery
	ISO Actions	Run DAM and Settlements Trigger bid cost recovery for few resources.
	WEIM Market Participant Actions	N/A
DAME – MSS-003	ISO Market Participant Actions	SCs to submit competitive DA bids
	Expected Outcome	Review Settlements for BCR charge codes
	Anticipated Settlement Outcome	Settlements report to publish resources with BCR charge codes
	Expected Settlement Outcome	CC 6630, 6636, 6637

California ISO

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
DAME – MSS-004	Description	Demonstrate settlements charge codes for RCU/RCD bids in case of bid cost recovery
	ISO Actions	Run RT market and Settlements Trigger bid cost recovery for few resources.
	WEIM Market Participant Actions	N/A
	ISO Market Participant Actions	SCs to submit competitive RT bids
	Expected Outcome	Review Settlements for BCR charge codes
	Anticipated Settlement Outcome	Settlements report to publish resources with BCR charge codes
	Expected Settlement Outcome	CC 6620, 66200, 6678, 66780, 8806, 8807

California ISO

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Question: For MSS-004, in the CAISO Action, will CAISO run the DAM as well as RTM?

Answer: Yes, the expectation is that both will be run simultaneously.

Question: What additional Market Participant action is required upstream of this Scenario?

Answer: Participants are to identify resources they would like tested for Bid Cost Recovery and submit a CIDI to ISO ahead of Market Simulation. If no resources are selected, ISO to select resources on participants' behalf.

California ISO

Day Ahead Market Enhancements (DAME) – Structured Market Simulation Scenarios

Question: For purposes of Resource Dispatch Transfer (RDT) when should we expect MasterFile to be ready for registration of resources for purposes of Market Simulation?

Answer: MF has been setup, feel free to go through the MF request process which takes 10 days.

Question: For DAME-MSS-003, and DAME-MSS-004, how do we know if our resources will trigger Bid Cost Recovery (BCR)?

Answer: If you have known resources that have had BCR or expect to have BCR send a CIDI request so that ISO can do setup and validate BCR for those specific resources for purposes of these two Scenarios.

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-001	Description	DA-resource sufficiency test upward direction:
	EDAM Market Participant Actions	Identify the impact of binding DA-RSE upward direction test failure and demonstrate no impact in the subsequent passes due to DA RSE failure (GHG, IFM, RUC).
	ISO Actions	• In the event a BAA fails the DA RSE in the upward direction and the failure binds, CAISO to enforce Net Transfer Constraints (NTCs) which limit the ability of deficient BAA to export energy. • The BAA can import but cannot draw more than its share of capacity plus what it can contribute. This helps to protect the rest of EDAM by protecting BAAs from reliability exposure. ISO utilizes optimization passes for GHG, IFM, and RUC as the binding failure may lead to modified intertie schedules. This allows for the broader EDAM market to solve efficiently without dependence on the failing BAA.
	Market Participant Actions	• BAA with failing DA RSE upward direction test still able to import but cannot draw more than its share of capacity plus what can contribute.
	Expected Outcome	• Market Solution to optimize passes for GHG, IFM, RTM due to the impact of DA TSE upward direction failure.
	Anticipated Settlement Outcome	• Deficient BAA assessed a Deficiency Charge to reflect its shortfall. • Surcharge revenue is distributed to compliance BAAs, compensating them for maintaining reliability.
	Expected Settlement Outcome	Charge Code: 8080, 8088

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-002	Description	DA-resource sufficiency test downward direction
	EDAM Market Participant Actions	Identify the impact of binding DA-RSE downward direction test failure and demonstrate no impact in the subsequent passes due to DA RSE failure (GHG, IFM, RUC)
	ISO Actions	• ISO enforces Downward Net Transfer Constraints where the deficient BAA is prevented from importing additional energy in DA optimization as cannot absorb more power. • ISO enforces NTCs to limit schedules that would worsen BAA's over generation risk. • Market Solution to run GHG, IFM, RUC passes for rest of the footprint, and deficient BAA's infeasibility is recognized and excluded as needed.
	Market Participant Actions	N/A
	Expected Outcome	• Market Solution to absorb over generation without relaxing constraints. • Limit schedules that would worsen BAA's over generation risk, and protect other BAAs from having to curtail extra for the deficient BAA. • Exclude deficient BAA from absorbing excess capacity as needed.
	Anticipated Settlement Outcome	• Deficient BAA is charged Downward Deficiency Surcharge based on megawatt quantity and duration of insufficiency. • Compliant BAAs may receive a share of this charge as compensation for reliability support.
	Expected Settlement Outcome	Charge Code: 8080, 8088

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-003	Description	DA Congestion Management within EDAM Entity BAAs
	EDAM Market Participant Actions	Identify the impact of flowgate congestion caused by outage/ de-rate within EDAM BAAs. • Activate/deactivate constraint status for Flowgates/ Nomogram constraints/ Contingencies. • Net transfer out constraint activation. • Market Participant to specify which constraint(s) they would like to see binding (if any).
	ISO Actions	• ISO to identify constraints that likely lead to congestion. • ISO to adjust the constraints as needed based on which constraints Market Participants would like to see binding (if any).
	Market Participant Actions	N/A
	Expected Outcome	• Optimization of generation and transmission schedules. • Prevent and Mitigate transmission constraints being violated. • Ensure deliverability of energy and ancillary services through feasible reliable paths.
	Anticipated Settlement Outcome	Updated Settlements based on adjusted Market Participant binding constraints.
	Expected Settlement Outcome	Charge Code: 6700, 6790, 8704

California ISO

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Question: For EDAM-MSS-003, what additional Market Participant actions are required upstream of the Scenario?

Answer: Market participants to identify resources they would like tested and disclose list of resources to ISO via CIDI. If none identified ISO team shall select specific resources on participants' behalf to run for the purposes of this scenario. Similarly, during the Scenario, Market Participants can decide which flowgates/nomograms to switch on/off. If none selected by Market Participant, ISO to decide which ones should be switched on/off.

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
	Description	DA mitigation within EDAM Entity BAAs
	EDAM Market Participant Actions	Identify mitigation on resources deemed as having non-competitive pricing and market power over constrained areas.
	ISO Actions	ISO to apply automated mitigation mechanisms to ensure bids reflect competitive market conditions and not economic withholding.
EDAM-MSS-004	Market Participant Actions	N/A
	Expected Outcome	DA price formation is consistent across the entire EDAM footprint, preventing isolated areas of unmitigated market power.
	Anticipated Settlement Outcome	Updated Locational Marginal Prices (LMPs) due to DA resource mitigation.
	Expected Settlement Outcome	Charge Code: N/A

ISO PUBLIC

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-005	Description	DA Green House Gas allocation and Attribution constraint
	EDAM Market Participant Actions	Identify the capability of EDAM entity to receive GHG allocation, export to GHG regulation area, and enforce gross GHG attribution constraints.
	ISO Actions	• ISO to validate bid submissions received in Market and ensure market is functioning as expected. • Run market and publish EDAM awards and locational prices. • Run settlements and publish.
	Market Participant Actions	N/A
	Expected Outcome	• GHG resource reference and GHG awards. • Verify all submissions within CMRI/SIBR UIs
	Anticipated Settlement Outcome	RTM deviation Settlements for GHG
	Expected Settlement Outcome	Charge Code: 8310, 8315

California ISO

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-006	Description	DA Net Energy Transfer limitation with power balance shortfall/surplus
	EDAM Market Participant Actions	Identify the impact of net energy transfer in DAM (IFM, RUC) when there is violation of power balance constraint.
	ISO Actions	• Ensure each BAA remains balanced and operationally viable. • ISO to enforce Net Energy Transfer Limitations to prevent deficient BAA from relying on neighboring BAAs to cover shortfall. • Relax power balance constraints in event cannot resolve within NETL limits
	Market Participant Actions	N/A
	Expected Outcome	BAAs remain balanced, no impacts to market optimization.
	Anticipated Settlement Outcome	Market Participants financially exposed to imbalances caused by infeasibility.
	Expected Settlement Outcome	Charge Code: 8011, 8411, 8470, 8811

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-007	Description	EDAM Entity BAA isolation
	EDAM Market Participant Actions	Identify the impact of TSR locks with other EDAM participants and demonstrate that each participant has its own MEC.
	ISO Actions	N/A
	ISO Market Participant Actions	N/A
	Expected Outcome	Assess impact to market-Available Transfer Capability on transmission paths between EDAM BAAs and its effect on increased congestion, higher LMP separation, and reduced ability to economically export or import energy.
	Anticipated Settlement Outcome	Assess impact to Settlements on economic outcomes.
	Expected Settlement Outcome	Charge Code: N/A

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-008	Description	DA Neutrality
	EDAM Market Participant Actions	Demonstrate that any EDAM BAA can import / export energy and capacity to ISO via MF registered TSR.
	ISO Actions	N/A
	ISO Market Participant Actions	N/A
	Expected Outcome	EDAM BAA import/export functions as expected.
	Anticipated Settlement Outcome	Validate Settlements outcome is as expected based on import/export energy and capacity.
	Expected Settlement Outcome	Charge Code: 8011, 8411, 8470, 8811

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-009	Description	RUC Net Short
	EDAM Market Participant Actions	Identify the impact of the RUC Net Short functionality adjusting MW target for the RUC pass when needed.
	ISO Actions	ISO performs market optimization to mitigate RUC Net Short Conditions.
	ISO Market Participant Actions	N/A
	Expected Outcome	BAA ends up with enough physical capacity to operate reliably.
	Anticipated Settlement Outcome	Settlement RUC Awards settled based on market clearing price for RUC capacity (if offered).
	Expected Settlement Outcome	Charge Code: 8800, 8806, 8807, 8811, 8816, 8817

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-010	Description	DAM results impact on RTM flex ramp up test and procurement
	EDAM Market Participant Actions	Identify the impact of DAM with or without under-generation infeasibility results, SIBR re-supply test and AET flag for RTM flex ramp up deployment.
	ISO Actions	Ensure market solution functioning as expected for RTM flex, re-supply test, and AET.
	ISO Market Participant Actions	N/A
	Expected Outcome	Flex Ramp Up market solution functions as expected where continues to meet rising net load.
	Anticipated Settlement Outcome	Validate Flex Ramp Procurement Awards received as expected.
	Expected Settlement Outcome	Charge Code: 7070, 7071, 7076, 7077, 7078, 7081, 7087, 7088

California ISO

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-011	Description	DAM results impact on RTM flex ramp down test and procurement
	EDAM Market Participant Actions	Identify the impact of DAM without overgen infeasibility results for RTM flex ramp down deployment.
	ISO Actions	Ensure market solution functioning as expected for RTM flex, re-supply test, and AET.
	ISO Market Participant Actions	N/A
	Expected Outcome	Flex Ramp Down market solution functions as expected where continues to meet decreasing net load.
	Anticipated Settlement Outcome	Validate Flex Ramp Procurement Awards received as expected.
	Expected Settlement Outcome	Charge Code: 7070, 7071, 7076, 7077, 7078, 7081, 7087, 7088

California ISO

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-012	Description	WA/CA GHG allocation in RTM
	EDAM Market Participant Actions	Demonstrate the capability of EDAM entity receive WA/CA GHG allocation, export to GHG regulation area, and enforce gross GHG attribution constraints.
	ISO Actions	N/A
	ISO Market Participant Actions	N/A
	Expected Outcome	EDAM entity receive WA/CA GHG allocation, export to GHG regulation area, and enforce gross GHG attribution constraints as expected.
	Anticipated Settlement Outcome	RTM Settlements for GHG
	Expected Settlement Outcome	Charge Code: 491, 495

California ISO

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-013	Description	Transient TSRs support (for TYPE 1 and TYPE 2)
	EDAM Market Participant Actions	Entity submitting CRN capacity and customer exercise/release capacity under CRN, demonstrate auto matching transfer capability and their utilization in DAM.
	ISO Actions	ISO to ensure Transient TSR are honored during transition period into EDAM where pre-existing transmission rights are not disrupted.
	ISO Market Participant Actions	N/A
	Expected Outcome	• Preservation of transmission capacity for entities with valid but non-market based transmission rights. • Ensures these entities can still schedule their energy across transmission facilities without having to offer full EDAM transmission service. Note: Applies to transition period until either the TSRs expire or participant converts to EDAM transmission offering. Note: Type 1 applies to non-EDAM BAAs scheduling energy into EDAM BAAs using pre-existing transmission rights, and Type 2 applies to EDAM BAAs scheduling energy between each other across shared interfaces using legacy transmission rights that are not made fully available to EDAM.
	Anticipated Settlement Outcome	Settlement of Transfer Revenue with appropriate SC
	Expected Settlement Outcome	Charge Code: 8011, 8411, 8470, 8811

California ISO

Extended Day Ahead Market Enhancements (EDAM) – Structured Market Simulation Scenarios

Scenario Number	Structured scenario	
EDAM-MSS-014	Description	EDAM Access Charge for Revenue Recovery
	EDAM Market Participant Actions	EDAM entity must submit all of the following: • Annually Recovery in $ • Component 1, 2, and 3 • Transmission Access Cost (TAC) • True-up value ($), Bounded Cap ($), Transmission rates ($/MWh), Ratio (%), and calculation (via new template) Note: No attestation needed for purposes of Market Simulation. For purposes of Parallel Operations, Participants must complete authorized affidavit from each EDAM Transmission Service Provider attesting accuracy of data provided by EDAM entity and reasonable effort to avoid double recovery costs through EDAM Access Charge.
	ISO Actions	• Utilize EDAM submission to calculate Access Charge Assessment for Annual True-up for Revenue Recovery • Publish Revenue Recovery Public Values to CAISO.com
	ISO Market Participant Actions	N/A
	Expected Outcome	EDAM entities recover revenue based on Access Charges
	Anticipated Settlement Outcome	Annual True-up for Revenue Recovery successfully assessed for EDAM entities as expected
	Expected Settlement Outcome	Charge Code: 8322, 8326

California ISO

Parallel Operations Overview – Jan. 26, 2026

- Covers activities in the STAGE environment

- STAGE is an integrated Production-like environment that is available to customers with provisioned access

- Allows customers to experience ISO release/project implementations prior to Production implementation

- Parallel Operations testing will allow customers and the CAISO to conduct specific market scenarios in a test environment prior to the Production activation to ensure that all system interfaces are functioning as expected and to produce simulated market results

- Customers may also use STAGE to validate the interaction of customer-driven changes with the ISO systems

- ISO to provide updated criteria and quality of data after MAPSTAGE ahead of Parallel Operations Testing

California ISO

Parallel Operations Success Criteria – Jan. 26, 2026

Certificate	Success Criteria
YES	• Successful completion of Parallel Operations Scenarios
YES	• Not successful if: • Receiving submission or retrieval error messages. Submit CIDI and email marketsim@caiso.com for support.

Note: ISO to update criteria and ensure highest data quality ahead of Parallel Operations. ISO to provide Parallel Operations documents for participant use throughout Parallel Operations testing.

Activation – May 1, 2026

- Complete successful Connectivity, Integration, Market Simulation, and Parallel Operations ahead of Activation on 5/1/26

- Participants to confirm to Market Simulation and Customer Readiness team their readiness for activation

- ISO to support participants throughout testing and thereafter for participant readiness

California ISO

Next Steps

- Work with your UAA to provision your organization's access to MAP Stage for access to the systems to execute Market Simulation

- Review BRS Market Simulation requirements, Market Simulation Plans, Market Simulation Scenarios and provide any feedback

- Register for participation in Market Simulation

- Attend the Release User Group Forums, every other week, for implementation updates, including active and upcoming Market Simulation activities

- During active Market Simulations, attend the weekly Market Simulation Forums

California ISO

Market Simulation Registration

- **Please register for your participation in Market Simulation activities for each Market Simulation initiative as appropriate**
  - If you have intent to actively engage in MAP Stage testing of access, systems, functionality, processes, and/or review of results/data
- **This informs CAISO Market Simulation to provide more specific support for your efforts**, including
  - Data setup for your testing
  - More immediate communication and coordination impacting your testing/review
  - More detailed information for the applicable initiatives
- **How to register**
  - Submit CIDI with 'Functional Environment' = "Market Simulation"
    - Identify the Market Simulation initiative(s) you will participate in
    - Identify any specific resources as applicable
    - List the contacts and e-mail addresses that you would like to include
  - CIDI is preferred and if you don't have CIDI, you can e-mail marketsim@caiso.com with the same information

Market Simulation Support

- Email general questions to marketsim@caiso.com

- Submit market simulation specific issues and questions in CIDI with subject: "Project Name: System Name – Issue Title" with Functional Environment set to Market Simulation.
  - If not related to a Project submit subject as "NA: System Name – Issue Title"

- Service Desk: (916) 351-2309

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