

# Business Requirements Specification

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## Maximum Import Capability Enhancements

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### Revision History

Date	Version	Description
04/01/2022	1.0	Creation of Document
8/21/2023	1.1	Updated the following BRQs: BRQ005  Added the following BRQs: BRQ035, BRQ036, BRQ037
9/5/2023	1.2	Removed "On Demand" from BRQ005

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# 1 Introduction

## 1.1 Purpose

The purpose of this document is to capture and record a description of what the Users and Business Stakeholders of the project wish to obtain, by providing high level business requirements. This document establishes the basis for the agreement between the initiators and implementers of the project. The information in this document serves as input to determine the scope of projects and all Business Process Modeling and System Requirements Specifications (SRS) efforts.

Business requirements are what must be delivered to provide value for the Users and Business Stakeholders. Systems, software, and processes are the ways (how) to deliver, satisfy, or meet the business requirements (what).

### Background:

The purpose of this initiative is to address stakeholder concerns and potential improvements to either the calculation of Maximum Import Capability or the process used to allocate and track it during Resource Adequacy validation process. This initiative will focus on the following scope items:

1. Additional transparency with making data publicly available
2. Inclusion of contractual data from non-CPUC jurisdictional LSEs into the main portfolio
3. Request for MIC expansion
4. Give “same day priority” to the step 13 unallocated Remaining Import Capability for LSEs with existing RA Contracts
5. Update Tariff and BPM language to be consistent with current approved practice

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## 2 Intellectual Property Ownership

Intellectual Property covers a broad array of information and materials, including written works, computer programs, software, business manuals, processes, symbols, logos, and other work products. Determining ownership of Intellectual Property is very important in preserving the rights of the California ISO, and helps to avoid Intellectual Property infringement issues. In considering the business requirements or service requirements to be performed, the business owner of the project must determine Intellectual Property Ownership.

### 2.1 Guidelines

Intellectual Property ownership must be considered by all applicable stakeholders before the services are performed. The level of analysis is two-fold:

1. One, the business owner must determine if the Intellectual Property necessary to perform the services is owned by the California ISO or whether it must be obtained from a third party. Once the California ISO has secured the proper Intellectual Property rights to perform the services (i.e., the Intellectual Property is owned by the California ISO or we have licensed it from a third party), the California ISO can undertake the next step.
2. The second step in the analysis is to consider whether new Intellectual Property will be created as a result of the business requirements or service requirements to be performed, and how that Intellectual Property will be owned and protected by the California ISO.

In order to assist the business owner in the analysis previously described, refer to the California Intellectual Property Policy available at: <http://www.caiso.com/rules/Pages/LegalPoliciesNotices/Default.aspx>, which provides a brief tutorial on what Intellectual Property is and how the California ISO can protect its Intellectual Property. Contact the Legal Department if you have any questions regarding Intellectual Property.

**There are no impacts to intellectual property based on the requirements stated in this document.**

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## 2.2 Acronyms and Definitions Table


<b>Acronym</b>	<b>Definition</b>
BG	Branch Group, intertie.
CPUC	California Public Utilities Commission
LSE	Load Serving Entity
MIC	Maximum Import Capability
RA	Resource Adequacy
SC	Scheduling Coordinator
UI	User Interface

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## 3 Details of Business Need/Problem

### 3.1 Description

<b>Business Opportunity/Problem Statement:</b>	
<b>What:</b>	Potential improvements to either the calculation of Maximum Import Capability or the process used to allocate and track it during Resource Adequacy validation process.
<b>When:</b>	Ongoing issue, implementation expected for Fall 2022.
<b>Why do we have this opportunity/problem:</b>	<b>Address stakeholder concerns and potential MIC improvements:</b> <ol style="list-style-type: none"> <li>1. Additional transparency with making data publicly available</li> <li>2. Inclusion of contractual data from non-CPUC jurisdictional LSEs into the main portfolio</li> <li>3. Request for MIC expansion</li> <li>4. Give “same day priority” to the step 13 unallocated Remaining Import Capability for LSEs with existing RA Contracts</li> <li>5. Update Tariff and BPM language to be consistent with current approved practice</li> </ol>
<b>Who does this opportunity/problem impact:</b>	Market Participants, Customer Service

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## 4 Business Impacts


### 4.1 Business Practice Manuals (BPM)

BPM	Description of Impact(s)
<b>Reliability Requirements</b>	<b>Yes</b> <ul style="list-style-type: none"> <li>• <b>Scope One:</b> Update language to reflect providing aggregate usage by branch group level after validation of each month ahead and year ahead RA showing</li> <li>• <b>Scope Four:</b> Update language to reflect granting same day priority to the step 13 unallocated Remaining Import Capability for LSEs with existing RA Contracts</li> <li>• <b>Scope Five:</b> Update language to reflect current approved practices</li> <li>• </li> </ul>
<b>Transmission Planning Process</b>	<b>Yes</b> <ul style="list-style-type: none"> <li>• <b>Scope Two:</b> Update language to reflect Inclusion of contractual data from non-CPUC jurisdictional LSEs into the main portfolio</li> <li>• <b>Scope Three:</b> Update language to reflect request for MIC Expansion</li> </ul>
<b>Market Instruments</b>	<b>Yes</b> <ul style="list-style-type: none"> <li>• <b>Scope One:</b> BPM update required due to creation of new OASIS report</li> </ul>
<b>BPM Change Management</b>	Not Impacted
<b>Candidate CRR Holder Registration</b>	Not Impacted
<b>Compliance Monitoring</b>	Not Impacted
<b>Congestion Revenue Rights</b>	Not Impacted
<b>Credit Management and Market Clearing</b>	Not Impacted

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<b>BPM</b>	<b>Description of Impact(s)</b>
<b>Definitions and Acronyms</b>	Not Impacted
<b>Demand Response</b>	Not Impacted
<b>Direct Telemetry</b>	Not Impacted
<b>Distributed Generation for Deliverability</b>	Not Impacted
<b>Energy Imbalance Market (EIM)</b>	Not Impacted
<b>Generator Interconnection and Deliverability Allocation Procedures</b>	Not Impacted
<b>Generator Interconnection Procedure (GIP)</b>	Not Impacted
<b>Generator Management</b>	Not Impacted
<b>Managing Full Network Model</b>	Not Impacted
<b>Market Operations</b>	Not Impacted
<b>Metering</b>	Not Impacted
<b>Outage Management</b>	Not Impacted
<b>Reliability Coordinator Services</b>	Not Impacted
<b>Rules of Conduct Administration</b>	Not Impacted
<b>Scheduling Coordinator Certification and Termination</b>	Not Impacted
<b>Settlements and Billing</b>	Not Impacted




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## 4.2 Other

Impact	Description (optional)
<b>Market Simulation</b>	<b>Yes</b> <ul style="list-style-type: none"> <li>See section 5.3 for more information on Market Simulation.</li> </ul>
<b>Market Participant Impact</b>	<b>Yes</b> <ul style="list-style-type: none"> <li><b>Scope One:</b> Provide aggregate usage by branch group level after validation of each month ahead and year ahead RA showing.</li> <li><b>Scope Two:</b> Inclusion of contractual data from non-CPUC jurisdictional LSEs into the main portfolio. Discrepancy between macroeconomic and renewable information data will be utilized to estimate future contractual development vs. actual contracts signed by LSEs.</li> <li><b>Scope Three:</b> Market Participants with legitimate reasons will be allowed to make such requests for MIC expansion. Expansion.</li> <li><b>Scope Four:</b> ISO to grant give “same day priority” to the step 13 unallocated Remaining Import Capability for LSEs with existing RA contracts.</li> </ul>
<b>User Acceptance Testing (UAT)</b>	<b>Yes</b>
<b>Internal Training</b>	<b>Yes</b> <ul style="list-style-type: none"> <li><b>Scope Two:</b> Transmission Infrastructure Planning team to gather data and release to CPUC</li> <li><b>Scope Three:</b> Transmission Infrastructure Planning team to gather data, process, and study requests for potential MIC expansion</li> </ul>
<b>Customer Readiness Impact</b>	See below.
<b>External Communication Needed</b>	<b>Yes</b> External Training Communication for disclosure of each scope item.
<b>External Onboarding and Maintenance</b>	No

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Impact	Description (optional)
<b>External Training</b>	<b>Yes</b> <ul style="list-style-type: none"> <li>• <b>Scope One:</b> Data publicly available for market participants</li> <li>• <b>Scope Two:</b> Provide contractual data to update CPUC policy portfolio</li> <li>• <b>Scope Three:</b> Market participants requesting MIC Expansion</li> <li>• <b>Scope Four:</b> Step 13 in CIRA</li> </ul>
<b>External Computer Based Training</b>	No
<b>Policy Initiative</b>	<b>Yes</b>  <a href="https://stakeholdercenter.caiso.com/StakeholderInitiatives/Maximum-import-capability-enhancements">https://stakeholdercenter.caiso.com/StakeholderInitiatives/Maximum-import-capability-enhancements</a>
<b>Development/Vendor</b>	<b>Yes</b>
<b>Architectural Framework and Roadmap</b>	Design will follow existing architectural framework and will align with the roadmap.

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## 5 Business Requirements

The sections below describe the business processes and the associated business requirements involved in the project. These may represent high-level functional, non-functional, reporting, and/or infrastructure requirements. These business requirements directly relate to the high-level scope items determined for the project.

Scope	Corresponding BRQs
1. Additional transparency with making data publicly available	BRQ021, BRQ022, BRQ023, BRQ024, BRQ025, BRQ026.
2. Inclusion of contractual data from non-CPUC jurisdictional LSEs into the main portfolio	See BRQs in relation to Import Capability Used in RA Plan Report.  BRQ012, BRQ014, BRQ015, BRQ016, BRQ017, BRQ018, BRQ019, BRQ020, BRQ023, BRQ024, BRQ025, BRQ026.
3. Request for MIC expansion	See BRQs in relation to Available Import Capability Report.  BRQ007, BRQ008, BRQ009, BRQ010, BRQ011, BRQ014, BRQ021, BRQ022, BRQ025, BRQ026.
4. Give “same day priority” to the step 13 unallocated Remaining Import Capability for LSEs with existing RA Contracts	BRQ003, BRQ004, BRQ005, BRQ006.
5. Update Tariff and Reliability Requirements BPM language to be consistent with current approved practice	<ul style="list-style-type: none"> <li>• BPM: Refer to section 4.5.</li> <li>• Tariff: Section 40 for Scope 1, and 4; Section 24 for Scope 2, and 3.</li> </ul>

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## 5.1 Business Process: Manage Resource Adequacy Requirements (MMR LII) - CIRA

### 5.1.1 Business Requirements


ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ003	<p><b>Submission of Request for allocation of Unassigned Import Capability</b></p> <p>System shall support the capability of SCs to submit a request for Unassigned Import Capability in the UI following these rules:</p> <ul style="list-style-type: none"> <li>• Request of unassigned import capability shall be submitted during the Request for Unassigned Import Capability submission window.</li> <li>• SC can submit up to two requests per calendar week. Each request is for one Intertie (BG).</li> </ul>	Core	CIRA

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ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ004	<b>View/Access Request data</b> System must have the capability for the following functionalities: <ul style="list-style-type: none"> <li>• UI that shows the list of request for the RA Period, Intertie, requested allocation, and any Contracted RA</li> <li>• Internal user shall have the capability to modify the submitted Contracted RA of a requestor</li> <li>• Include Validation Results for whether request for Unassigned Import Capability was accepted or rejected</li> </ul>	Core, Business Process	CIRA

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MIC – BRQ005	<p><b>Allocate Unassigned Available Import Capability to Requestors</b></p> <p><del>On-demand</del>, System shall have the capability to allocate on an intertie unassigned import capability to requestors using the following rules chronologically:</p> <ul style="list-style-type: none"> <li>• Unassigned import capability exists.</li> <li>• Requests for intertie allocation exists.</li> <li>• Allocate requests with Contracted RA           <ul style="list-style-type: none"> <li>○ If the sum of requests is less than remaining unassigned Import Capability, allocate capability based on earliest request received date/time.</li> <li>○ If the requested allocation exceeds the unassigned import capability, cap the allocation to the remaining unassigned import capability.</li> <li>○ If the requests of two or more Load Serving Entities exceeds the remaining unassigned Import Capability, allocate the remaining capability based on each LSE’s proportion of total requested Import Capability</li> </ul> </li> <li>• Allocate requests without Contracted RA           <ul style="list-style-type: none"> <li>○ Allocate capability based on earliest request received date/time.</li> <li>○ If the requested allocation exceeds the unassigned import capability, cap the allocation to the remaining unassigned import capability.</li> </ul> </li> </ul> <p>Note: Participants cannot submit Contracted RA greater than the Unassigned Import Capability.</p>	Core, Business Process	CIRA
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ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ006	<p><b>View/Read Request and Results of Requested Unassigned Available Import Capability</b></p> <p>System must display the original requested amount for Unassigned Available Import Capability for each requester and the awarded results:</p> <ul style="list-style-type: none"> <li>• Internal user has the capability to view all requested amounts and results</li> <li>• External user has the capability to view individual requested amount and results</li> </ul>	Core, Business Process	CIRA

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<b>MIC – BRQ007</b>	<p><b>Access/Viewing of Available Import Capability</b></p> <p>System shall support the capability of Scheduling Coordinators to view and access the “Available Import Capability” data for a specified RA planning month.</p> <p>For each SC with Import Allocation on an Intertie, the system shall display the following data elements:</p> <ul style="list-style-type: none"> <li>• Contact Information</li> <li>• RA Period Start Date</li> <li>• RA Year</li> <li>• RA Month</li> <li>• Intertie(BG)</li> <li>• SC ID</li> <li>• LSE Name</li> <li>• LSE ID</li> <li>• Total Import Capability</li> <li>• Reserved Capability</li> <li>• Tradable Capability</li> </ul> <p>Available Import Capability data shall be available to users after the system consumes the Base MIC allocation data set from the Annual Import Allocation process.</p> <p>Note: Total Import Capability shall be a calculated value and is the sum of Base MIC and Bi-Lateral Trades.</p>	<b>Core</b>	<b>CIRA</b>
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ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ008	<p><b>Submission of Reserved Capability by SC</b></p> <p>System shall support the capability of authorized SCs with Total Import Capability or ISO internal user to submit Reserved Capability following these rules:</p> <ul style="list-style-type: none"> <li>• Reserved Capability can be submitted any time prior to the start of the RA Month.</li> <li>• Users may submit values up to the Total Import Capability.</li> <li>• If a bi-lateral trade reduces the Total Import Capability to be less than the Reserved Capability value, system shall reduce the Reserved Capability to be equal to the Total Import Capability.</li> <li>• After the RA showing is loaded, the system will update the Reserved Capability quantity to the greater of; its current value, or the Import capability used by RA.</li> </ul>	Core	CIRA
MIC – BRQ009	<p><b>Calculate Tradable Capability</b></p> <p>System shall have the capability to automatically calculate Tradable Capability as Total Import Capability minus Reserved Capability.</p> <p>System shall execute this calculation for the following conditions:</p> <ul style="list-style-type: none"> <li>• Data Set Creation</li> <li>• Reserved Capability value changes</li> <li>• Total Import Capability value changes</li> </ul>	Core	CIRA

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MIC – BRQ010	<p><b>Broadcast Available Import Capability Data</b></p> <p>System shall have the capability to automatically and on demand broadcast the Available Import Capability data set to downstream systems:</p> <ul style="list-style-type: none"> <li>• Contact Information (phone and/or email)</li> <li>• RA Period Start Date</li> <li>• RA Year</li> <li>• RA Month               <ul style="list-style-type: none"> <li>○ Intertie(BG)                   <ul style="list-style-type: none"> <li>▪ SC ID</li> <li>▪ LSE Name</li> <li>▪ LSE ID</li> <li>▪ Total Import Capability</li> <li>▪ Reserved Capability</li> <li>▪ Tradable Capability</li> </ul> </li> </ul> </li> </ul> <p>Note: Daily, system shall broadcast the Available Import Capability data set for one or more RA periods where the data was changed.</p>	Core	CIRA

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MIC – BRQ011	<p><b>Customers to Submit their contact information to CIRA</b></p> <p>System shall support the capability of SCs or ISO internal user to submit a Name, e-mail and phone number in order to populate the Contact Information column of the Available Import Capability screen.</p> <p>Note: customers are to input their specific name, phone, and email for each of their LSEs and SCs. Note: This is new functionality, not currently in CIRA. This is part of transitional architecture. This capability will eventually be part of CCS in phase two.</p>	Core	CIRA
MIC – BRQ012	<p><b>Set Date of Publish for Import Capability Used in RA Plan Data set</b></p> <p>Under Admin tab, system shall support the capability for ISO internal user to set the date to generate the Monthly and Annual “Import Capability Used in RA Plan” data.</p>	Core	CIRA
MIC – BRQ014	<p><b>Retention of Report Data</b></p> <p>System shall store the following report data for three years:</p> <ul style="list-style-type: none"> <li>• Available Import Capability</li> <li>• Import Capability Used in RA Plan</li> </ul>	Core	CIRA

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ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ015	<p><b>Access/Viewing of Import Capability Used in RA Plan</b></p> <p>System shall support the capability for Internal and External users to view and access the “Import Capability Used in RA Plan” data for a specified RA Month.</p> <p>System shall have the capability to display the Total Import Capability and RA Showing values at the following levels:</p> <ul style="list-style-type: none"> <li>• Intertie</li> <li>• Jurisdiction</li> <li>• LSE</li> </ul> <p>System shall provide external users the ability to view Import Capability Used in RA Plan data at the Intertie and Jurisdiction level.</p> <p>System shall provide internal users the ability to view data at any level.</p>	Core	CIRA

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MIC – BRQ016	<p><b>Calculate and Aggregate Data Under Three Jurisdictions</b></p> <p>System must have the capability to calculate and aggregate the “Total Import Allocation” and “RA Showing MW” under all three jurisdictions.</p> <p>Note: Jurisdiction refers to CPUC, Non-CPUC, or Non Associated.</p>	Core	CIRA
MIC – BRQ017	<p><b>Broadcast Import Capability Used in RA Plan Data</b></p> <p>System shall have the capability to automatically and in demand broadcast the Import Capability Used in RA Plan data set to downstream systems.</p> <ul style="list-style-type: none"> <li>• RA Period Start Date</li> <li>• Submittal Type</li> <li>• RA Year</li> <li>• RA Month               <ul style="list-style-type: none"> <li>○ Intertie (BG)                   <ul style="list-style-type: none"> <li>▪ Jurisdiction</li> <li>▪ Total Import Capability</li> <li>▪ RA Showing</li> </ul> </li> </ul> </li> </ul>	Core	CIRA

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MIC – BRQ018	<p><b>Validation of the Submitted LSE Total Import Capability</b></p> <p>On upload of the supplier’s submitted supply plan, system shall automatically validate the submitted total import RA capacity following these rules and shall reject submitted data and notify the submitter if any violation occurs.</p> <ul style="list-style-type: none"> <li>• For each Intertie (Branch Group) the sum of import RA capacity for an LSE does not exceed the LSE’s Total Import Capability</li> </ul> <p>Note: Prerequisite: before any check is performed the allocation on the LSE must exist. Note that this is the first validation for submitted import capability.</p>	Core	CIRA

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ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ019	<p><b>Rejection Message for Errors after Validation</b></p> <p>System shall provide rejection message for any errors identified after validations.</p> <ul style="list-style-type: none"> <li>• Validation for whether supplier’s submitted supply plan exceeds the sum of import RA capacity for an LSE on the Intertie (branch group).</li> <li>• Validation during Cross Validation to ensure matching of supplier record to LSE record.</li> </ul>	Core	CIRA

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ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ020	<p><b>Validation of the Submitted Import Capability</b></p> <p>During Cross Validation, system must perform a validation to check if all the suppliers' records shown to a specific LSE on a specific Intertie (Branch Group) exceeds the LSE Total Import Capability on that Intertie, if so then the system must cap the RA uploaded by a supplier for a specific LSE to the LSE's Shown RA Amount.</p> <p>Note: this is the second validation for submitted import allocation.</p>	Core	CIRA
MIC – BRQ032	<p><b>CIRA to store and Maintain Customer Contact Information</b></p> <p>System must have the capability to store, display, and maintain customer contact information.</p>	Core	CIRA



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ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ035	<p style="color: red;">If two or more Load Serving Entities request an allocation that exceeds the amount of Available Import Capability remaining on any given branch group, System (CIRA) must split the assignment between the Load Serving Entities with a valid request based on the following formula:</p> <p style="color: red;">(Total unassigned Available Import Capability at the branch group divided by the sum of eligible portions of applicable Resource Adequacy contracts with priority) multiplied by each Load Serving Entity’s eligible Resource Adequacy contract amount</p>	Core	CIRA
MIC – BRQ036	<p style="color: red;">If the contracted RA field has a value, System (CIRA) shall require the SC to submit the same MW in the request field as the one they put in the contracted RA field.</p>	Core	CIRA

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ID#	Business Feature	Req. Type	Potential Application(s) Impacted
MIC – BRQ037	<p style="color: red;">System (CIRA) must have the capability to allocate the import capability on the remaining interties as follows:</p> <p style="color: red;">For each day:</p> <ul style="list-style-type: none"> <li>• First priority given to step 13 requests with RA contracts               <ul style="list-style-type: none"> <li>○ If we receive more than one request on the same intertie, then we will prorate them</li> </ul> </li> <li>• After processing all request with RA contracts for a given day, we need to process the step 13 requests for that same day on first come first serve bases</li> <li>• The process above shall be repeated each day until all import capability on the remaining interties is allocated</li> </ul>	Core	CIRA

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## 5.2 Business Process: Manage Resource Adequacy Requirements (MMR LII) - OASIS

### 5.2.1 Business Requirements


ID#	Business Feature	Requirement Type	Potential Application(s) Impacted
MIC – BRQ021	<p><b>Receive and Publish Available Import Capability Data</b></p> <p>System shall have the capability to automatically receive and publish the Available Import Capability data:</p> <ul style="list-style-type: none"> <li>• Contact Information (phone and/or email)</li> <li>• RA Period Start Date</li> <li>• RA Year</li> <li>• RA Month               <ul style="list-style-type: none"> <li>○ Intertie (BG)                   <ul style="list-style-type: none"> <li>▪ SC ID</li> <li>▪ LSE Name</li> <li>▪ LSE ID</li> <li>▪ Total Import Capability (MW)</li> <li>▪ Reserved Capability (MW)</li> <li>▪ Tradable Capability (MW)</li> </ul> </li> </ul> </li> </ul> <p>Note: OASIS needs to show last time was report updated.</p>	Core	OASIS



ID#	Business Feature	Requirement Type	Potential Application(s) Impacted
MIC – BRQ022	<p><b>View Available Import Capability Data</b></p> <p>System shall provide a new report under the Resource Adequacy menu labeled “Available Import Capability”.</p> <p>Users shall have the ability to filter on the following attributes:</p> <ul style="list-style-type: none"> <li>• RA Period Start Date</li> <li>• Intertie</li> </ul>	Core	OASIS
MIC – BRQ023	<p><b>Receive and Publish Import Capability Used in RA Data Plan</b></p> <p>System shall have the capability to automatically consume the Import Capability Used in RA Data:</p> <ul style="list-style-type: none"> <li>• RA Period Start Date</li> <li>• Submittal Type</li> <li>• RA Year</li> <li>• RA Month <ul style="list-style-type: none"> <li>○ Intertie (BG) <ul style="list-style-type: none"> <li>▪ Jurisdiction</li> <li>▪ Total Import Capability (MW)</li> <li>▪ RA Showing (MW)</li> </ul> </li> </ul> </li> </ul> <p>Note: Report needs to show last time was updated.</p>	Core	OASIS

 <b>California ISO</b>	<b>Technology</b>	<b>Template Version:</b>	<b>6.1</b>
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ID#	Business Feature	Requirement Type	Potential Application(s) Impacted
MIC – BRQ024	<b>View Import Capability Used in RA Data</b> System shall provide a new report under the Resource Adequacy menu labeled “Import Capability Used in RA Plan Data”  Users shall have the ability to filter on the following attributes: <ul style="list-style-type: none"> <li>• Submittal Type (Monthly/Annual)</li> <li>• RA Period Start Date</li> <li>• Intertie (BG)</li> </ul>	Core	OASIS
MIC – BRQ025	<b>Display on UI Download of Reports Only</b>  System shall display on UI download of the “Available Import Capability” report and “Import Capability Used in RA Plan” report.	Core	OASIS
MIC – BRQ026	<b>Retention of Report Data</b> System shall store the following report data for three years: <ul style="list-style-type: none"> <li>• Available Import Capability</li> <li>• Import Capability Used in RA Plan</li> </ul>	Core	OASIS

 <b>California ISO</b>	<b>Technology</b>	<b>Template Version:</b>	<b>6.1</b>
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### 5.3 Business Process: Market/Business Simulation

This section shall provide a basis for the development of the Market/Business Simulation Scenarios. These requirements will provide guidance on the market participant impacts, inputs into the Scenarios, endpoints to the Scenarios and reasons for potential Scenarios. The guidance on market participant impacts shall be gathered from the requirements that impact rules, interfaces, applications/reports, new system processes, new/modified data models, and new user roles. The source and sink systems shall be determined through the development of the system context diagram and the web service requirements. The *Reason for the Potential Scenario* column will be to offer guidance regarding what potential scenarios, and their context, may be needed for this project. This section applies to all policy development projects, market enhancements, technology enhancements, operation enhancements, Energy Imbalance Market (EIM) implementations, and Reliability Coordination (RC) service implementations.

In the Reason for Potential Scenario column, select one or more of the following reasons:

1. **Rule Impacts:** Generalized changes in market rules, bidding rules, settlements rules, market design changes, or other business rules.
2. **Interface changes:** Changes that impact templates (e.g., the Resource Adequacy (RA) supply plan), user interface (UI), and application programming interface (API) (e.g., retrievals of new shadow settlement data).
3. **New application/report:** Changes that cause addition/modification of market software or reports, especially when market data input is required by the market participant.
4. **New system process:** Modification of data flow in systems, especially if the new process requires the market participant to demonstrate proficiency prior to production.
5. **New/Modified model data:** Addition or substantial modification of model data as a market solution or export provided by the ISO.
6. **New user role:** The addition or modification of access permissions for a user role applied to specific business units within an EIM entity or market participant organization (e.g., Load Serving Entity (LSE) as a Local Regulatory Authority (LRA) role). Scenarios are beneficial for market participants taking on a new function or process within their organization.

#### 5.3.1 Business Requirements

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ID#	Guidance on Market Participant Impacts	Source System	Sink System	Reason for Potential Scenario
MKT – 001	<p><b>Structured Market Simulation: Step 13, Submit and View Unassigned Import Capability</b></p> <p>Participants should view and submit their requests for Unassigned Import Capability before submittal and verify their Unassigned Import Capability assigned.</p> <p>Note: Participants should verify Unassigned Important Capability assigned based on the request submittal priority and/or RA contract.</p>	CIRA	N/A	New Functionality
MKT – 002	<p><b>Structured Market Simulation: Verify Daily Available Import Capability</b></p> <p>Participants should verify the Import Availability Capability posted daily.</p> <p>Note: Participants are responsible for uploading their trades.</p>	CIRA	OASIS	New Functionality, New Report
MKT – 003	<p><b>Structured Market Simulation: Verify Annual Available Import Capability</b></p> <p>Participants should verify the Import Availability Capability after the annual publication on October 1<sup>st</sup>.</p>	CIRA	OASIS	New Functionality, New Report

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ID#	Guidance on Market Participant Impacts	Source System	Sink System	Reason for Potential Scenario
MKT – 004	<p><b>Structured Market Simulation: Verify Monthly Import Capability in RA Plan</b></p> <p>Participants should verify the Import Capability in RA Plan after the monthly publication (T-29).</p> <p>Note: Participants are responsible for uploading their RA Showing.</p>	CIRA	OASIS	New Functionality, New Report
MKT – 005	<p><b>Structured Market Simulation: Verify Annual Import Capability in RA Plan</b></p> <p>Participants should verify the Import Capability in RA Plan after the annual publication on Nov. 1<sup>st</sup>.</p> <p>Note: Participants are responsible for uploading their RA Showing.</p>	CIRA	OASIS	New Functionality, New Report