

CAISO Data Release Implementation Process

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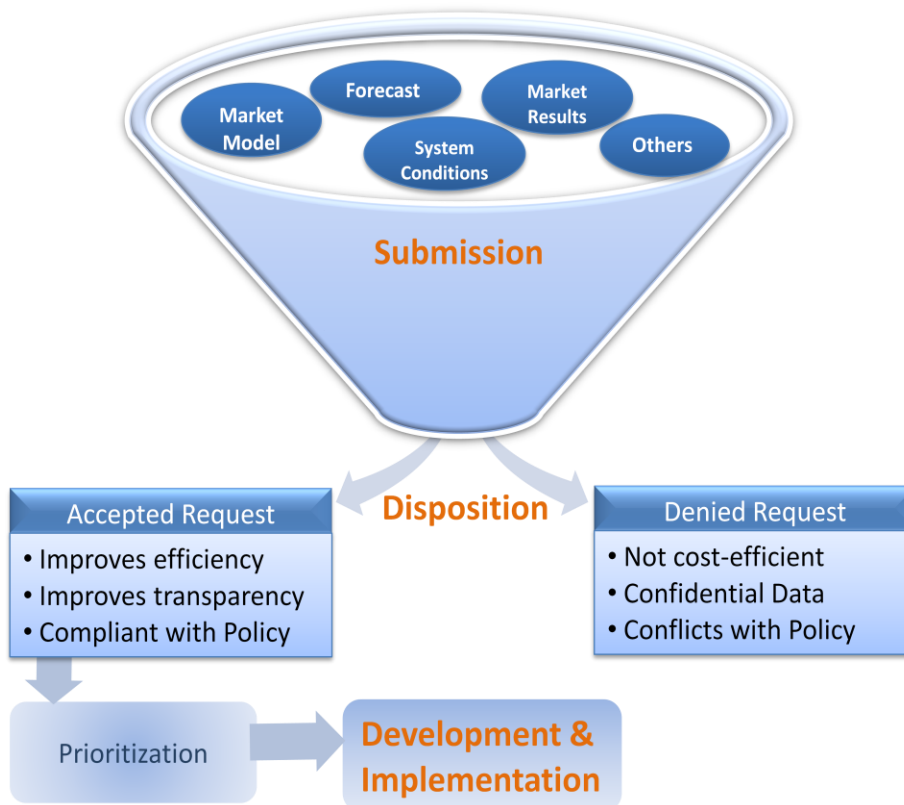


Figure 1: CAISO Data Release Implementation High-Level Process

Purpose

The CAISO Data Release Implementation Process has been established to recognize the evolving information needs of the market participants, to equip them with the data they need to better understand market results and participate more effectively in the ISO markets.

Process Overview

Part 1: Submission

The process begins when the market participant initiates and submits a Data Request to the CAISO. Enlisted below are the various input channels in which requests flow into the CAISO:

Origin	Description
CAISO Website	Non-market participant sends a request and submits to the www.caiso .com webmaster mailbox
CIDI System	Market participant logs an enhancement request via the CIDI system
Customer Touchpoint Mapping	Market participant submits a request to their CAISO Customer Service Account Manager

The recipient of the request initially verifies that the content is completely defined and sufficient enough for a request Disposition, in terms of the aspects listed below:

Item	Description
Description	High-level definition of the type of data being requested inclusive of the entities and attributes
Data Availability Timeframe	Timeline on when the required data must be made available. Real-time, post market daily, pre-market, 90 days after market, etc.
Data Update Frequency	How often is the data updated? 5 minutes, hourly, daily, monthly, seasonally, annually.
Data Confidentiality & Security	Nature of the data in terms of confidentiality and access. Is the data available to the public, private, NDA holder?
Benchmark	Other organization used as a comparable basis of the request. Is the data provided by other ISOs? Include links to examples.
Merit	Business benefits that market participants can attain. How is the data used by the market participant?

If the request is not fully defined, the requestor will be contacted to supply the missing information and re-submit request to the CAISO.

Part 2: Disposition

Requests that are deemed complete will be evaluated by the CAISO Internal Review Team for viability. The table below cites a sample set of deciding factors leading to the disposition. This team is composed of a representative from: Policy, Legal, Market Monitoring, business and information technology application owners.

Disposition Criteria Examples:

Characteristic	Good Candidate	Poor Candidate
Resources required to implement	Low effort required	High effort required
Documented importance of data to requestor	Strong business case	Weak business case
Breadth and depth of potential use by market participants	Wide potential use	Narrow potential use
Accessibility of source data	Source data accessible	Source data difficult to access
Existence of data	Well-defined source	Source undefined
Impact on other systems	Low impact	High impact, affects several systems
Policy compliant	No conflict	Has conflicts

Disposition Outcomes:

If the request is-	Then CAISO will notify the market participant of its outcome and -
Approved	Define the prioritization and urgency of the request with the requesting party
Denied	The business justification for the request being rejected, where the requesting party can choose to resubmit an amended request if opted to do so.

Part 3: Development and Implementation

For approved requests that have an -		CAISO will-
Internal Impact	External Impact	
Low level	Low level or None	<ul style="list-style-type: none"> • Add the request enhancement onto the impacted system(s) or product roadmap • Present the enhancement to the wider market participant audience for visibility • Inform the market participants its planned implementation schedule, that is if it appropriately falls under a near-term monthly release cycle
High level *	High level	<ul style="list-style-type: none"> • Add the request enhancement onto the impacted system(s) or product roadmap • Define the solution design to meet the requirement and vet with market participants for viability • Inform the market participants its overall timeline from solution development to implementation • Conduct external testing with market participants to verify the requirement, this could be in the form of a market simulation exercise as necessary

** High level of effort to provide the data externally to meet the requirements , where a complete solution to provide the data is still needed to be designed, also market participants need to design and develop their systems for this enhancement*

Communication Plan with Market Participants

The CAISO will communicate the status/disposition results of the requests, proposed prioritization, and the implementation schedule of approved items directly with the requesting party and via public forums:

- Systems Interface User Group (SIUG); or the
- Market Performance and Planning (MP&P)