FERC 844
Implementation Plan

Contents

Revisions

Date	Version	Description	Author
01/24/2019	1.0	Initial for FERC 844	Trang Deluca

Introduction

Executive Summary

The California ISO will implement multiple system changes for the FERC 844 project. The intent of this document is to provide market participants with a description of the timeline and activities for FERC 844.

Project Description

Order No. 844 (regarding uplift cost allocation and transparency in RTO/ISO markets) directs each RTO/ISO to post three monthly reports:

(1)   A zonal uplift report of all uplift payments categorized by transmission zone, day, and uplift category that must be posted within 20 calendar days of the end of each month;

(2)   A resource-specific report of the total amount of uplift paid to each resource, aggregated across the month, that must be posted within 90 calendar days of the end of each month; and

(3)   An operator-initiated commitment report listing the commitment size, transmission zone, commitment reason, and commitment start time of each operator-initiated commitment that must be posted within 30 calendar days of the end of each month.

In addition, each RTO and ISO must include in its tariff the transmission constraint penalty factors used in its market software, as well as any circumstances under which those penalty factors can set locational marginal prices, and any process by which an RTO/ISO can temporarily change the penalty factors.

More information can be found under Independent 2019 on the Release Planning page at http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx.

Other Modifications

In addition to the FERC 844 modifications, this implementation includes the following:

- For the OASIS UI, updated graphical user-interface look and feel: text, buttons, icons, drop-down
- For the OASIS API, a new application programming interface (API) for the Day-Ahead Scheduling Constraint Shadow Prices report

This release does not impact any of the existing report data nor any of the existing APIs.

Implementation Strategy

Implementation Schedule Overview

The system changes will be implemented in a phased manner. The system changes will be Implemented/activated according to the following drops and dates.

Description	Implementation
Settlements	February 14, 2019
OASIS	February 19, 2019
Publish January 2019 Data for Zonal Uplift Payment Report	February 20, 2019
Publish January 2019 Data for Operator-Initiated Commitment Report	March 04, 2019
Publish January 2019 Data for Resource-Specific Uplift	May 02, 2019

The strategy of spreading the implementation over time is in the interest of minimizing impact on resources and is consistent with implementation strategies for previous major implementations. Some of these implementations will require brief outages. See *Implementation Times, Outages, and Market Participant Actions* section of this document for times and durations for each application.

The technical details for these system changes can be found on the FERC 844 site located at: http://www.caiso.com/informed/Pages/ReleasePlanning/Default.aspx.

Web Services

Refer to the System Access Information document and System Interface Change Summary document for details about specific URLs:

- http://www.caiso.com/Documents/SystemAccessInformation_MarketParticipants.pdf
- http://www.caiso.com/Documents/SystemInterfaceChangeSummary.pdf

OASIS APIs

OASIS Interface Specification: http://www.caiso.com/Documents/OASIS-InterfaceSpecification_v5_1_7Clean_Independent2019Release.pdf

OASIS Artifacts: http://www.caiso.com/Documents/OASIS-InterfaceSpecification_v5_1_7Redline_Independent2019Release.pdf

Service	Project	Availability as of this Deployment
ENE_RES_UPL	FERC844	New
ENE_ZNL_UPL	FERC844	New
ENE_OIC	FERC844	New
PRC_DAM_SCH_CNSTR	CRR1B	New

Implementation and Activation Timeline

FERC 844 is scheduled for implementation across multiple dates. Each Implementation may incur outages of varying lengths to specific systems. The table below highlights the systems that will be impacted by each implementation and provides relevant details for market participants.

Implementation Timeline

Date	Implementation Information	Status
February 14, 2019	Settlements	On-Track
February 19, 2019	OASIS	On-Track
February 20, 2019	Publish January 2019 Data for Zonal Uplift Payment Report	On-Track
March 04, 2019	Publish January 2019 Data for Operator-Initiated Commitment Report	On-Track
May 02, 2019	Publish January 2019 Data for Resource-Specific Uplift	On-Track

Implementation Times, Outages, and Market Participant Actions

Settlements – February 14, 2019

System	Implementation Time	Outage	MP Action
Settlements	10:00 AM to 11:00 AM	No outage anticipated	N/A

All times are Pacific

OASIS – February 19, 2019

System	Implementation Time	Outage	MP Action
OASIS	3:00 PM to 4:00 PM	Brief interruption for OASIS UI/API	N/A

All times are Pacific

Communication and Support

Below is the FERC 844 communication schedule:

Description	Method	Frequency	Responsible
FERC 844 Implementation Market Notice	E-mail www.caiso.com	As Needed	ISO
Release Users Group (RUG)	http://www.caiso.com/informed/Pages/MeetingsEvents/UserGroups RecurringMeetings/Default.aspx#RUG	Every Other Week	ISO

Market Notices

- http://www.caiso.com/Documents/OASISUser-InterfaceApplicationVersion700-DeploymentScheduled-021919.html

Routine Issues and Support

All normal support processes should be followed for support functions. The ISO Help Desk can be reached at (916) 351-2309.