# 6. Communications

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**Note – Moving this stuff to a general section for data provided pursuant to an NDA below in new Section 6.5.10.**

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### 6.5.6 Market Bid Information

**6.5.6.1 Public Market Information**

**6.5.6.1.1** **Day-Ahead and Real-Time Market Bids**

The following information shall be published on OASIS ninety (90) days following the applicable Trading Day, with the exclusion of the information that is specific to Scheduling Coordinators:

(a) AS market Bids;

(b) Energy market Bids, including Virtual Bids separately identified as such; and

(c) RUC market Bids.

**6.5.6.1.2** **Start-Up and Minimum Load Costs**

Within seven (7) days after the Trading Day, the CAISO will publish via OASIS all Start-Up Costs and Minimum Load Costs for CAISO committed resources.

**6.5.6.1.3 CRR Auction Bids**

The CAISO will publish Monthly CRR Auction bids ninety (90) days after the close of the applicable monthly CRR Auctions, with the exclusion of the information that is specific to CRR Holders or Candidate CRR Holders. The CAISO will publish Seasonal CRR Auction bids, in quarterly increments after the expiration of each set of Seasonal CRRs, with the exclusion of the information that is specific to CRR Holders or Candidate CRR Holders.

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**6.5.10 Protected Communications with Market Participants**

**6.5.10.1 Protected Data**

The CAISO will provide to parties that have signed a Non-Disclosure Agreement in accordance with Section 6.5.10, the following Protected Data:

**6.5.10.1.1 Transmission Constraints Enforcement List**

After the results of the Day-Ahead Market are posted, the CAISO will provide the daily post-Day-Ahead Market Transmission Constraints Enforcement List, which consists of the list of Transmission Constraints, including Contingencies and Nomograms that are enforced and not enforced in that day’s Day-Ahead Market. Subsequently and prior to the next Day-Ahead Market, the CAISO will provide to parties the pre-Day-Ahead Market Transmission Constraints Enforcement List, which consists of the daily list of information for the Transmission Constraints, including Contingencies and Nomograms, the CAISO plans to enforce or not enforce for the next day’s Day-Ahead Market. To the extent that the CAISO does not make either of these two reports available on any given Operating Day, the CAISO will instead provide within the next thirty (30) days only the list of Transmission Constraints, including Contingencies and Nomograms, that were enforced or not enforced for the applicable Day-Ahead Market, after which the information will not be provided.

**6.5.10.1.2 Load Distribution Factors**

Three (3) days after the applicable Trading Day, the CAISO will provide the actual Load Distribution Factors used in the Integrated Forward Market for the applicable Trading Day. The CAISO will provide the Load Distribution Factors for each of the Default LAPs’ underlying Pricing Nodes for all Pricing Nodes that are identified by the responsible Utility Distribution Company as Pricing Nodes that are not single customer nodes. For Pricing Nodes that the responsible Utility Distribution Company has not identified as Pricing Nodes that are not single customer pricing nodes, the ISO will publish the respective Load Distribution Factors in a single aggregated location capturing all such nodes. To the extent that the CAISO fails to provide this report on any given Operating Day, the CAISO will endeavor to provide this report within the next thirty (30) days for the applicable Integrated Forward Market, after which the information will not be provided.

**6.5.10.1.3 Power Transfer Distribution Factors**

Three (3) days after the applicable Trading Day, the CAISO will provide the Integrated Forward Market, HASP and Real-Time Dispatch Power Transfer Distribution Factors for each binding Transmission Constraint in the respective markets. To the extent that the CAISO fails to provide this report on any given Operating Day, the CAISO will endeavor to provide this report for any given successful Integrated Forward Market, HASP and Real-Time Dispatch run within the next thirty (30) days, after which the information will not be provided.

**6.5.10.1.4 Transmission Constraint Limits**

Three (3) days after the applicable trading day, the CAISO will provide a report on the limits associated with all Transmission Constraints, including Nomograms, branch groups, and individual transmission facilities, under both base case and contingencies, that are approaching the default limits and are enforced in the Integrated Forward Market, HASP, and Real-Time Dispatch. To the extent that the CAISO fails to provide this report on any given Operating Day, the CAISO will endeavor to provide this report within the next thirty (30) days for any given successful Integrated Forward Market, HASP and Real-Time Dispatch run, after which the information will not be provided.

**6.5.10.2 Requirements to Obtain the Protected Data**

The CAISO shall provide the Protected Data only to those Market Participants and non-Market Participants that satisfy the following requirements.

(a) To obtain access to the Protected Data, a Market Participant that is a member of the WECC that requests the Transmission Constraints Enforcement Lists must: (i) execute and submit to the CAISO the Non-Disclosure Agreement for Protected Data that is posted on the CAISO Website; and (ii) provide to the CAISO a non-disclosure statement, the form of which is attached as an exhibit to the Non-Disclosure Agreement executed by the Market Participant, executed by each employee and consultant of the Market Participant who will have access to the Protected Data.

(b) To obtain access to the Protected Data, a Market Participant that is not a member of the WECC that requests the Protected Data must: (i) execute and submit to the CAISO the Non-Disclosure Agreement for Protected Data that is posted on the CAISO Website, (ii) provide to the CAISO a fully executed WECC Non-Member Confidentiality Agreement for WECC Data, and (iii) provide to the CAISO a non-disclosure statement, the form of which is attached as an exhibit to the Non-Disclosure Agreement executed by the non-WECC Market Participant, executed by each employee and consultant of the non-WECC Market Participant who will have access to the Protected Data.

(c) To obtain access to the Protected Data a non-Market Participant that is a member of the WECC that requests the Protected Data must: (i) reasonably demonstrate a legitimate business or governmental interest in the CAISO Markets, (ii) execute the Non-Disclosure Agreement for Protected Data posted on the CAISO Website, and (iii) provide to the CAISO a non-disclosure statement, the form of which is attached as an exhibit to the Non-Disclosure Agreement executed by the non-Market Participant, executed by each employee and consultant of the non-Market Participant who will have access to the Protected Data.

(d) To obtain access to the Protected Data , a non-Market Participant that is not a member of the WECC that requests the Protected Data must: (i) reasonably demonstrate a legitimate business or governmental interest in the CAISO Markets, (ii) execute the Non-Disclosure Agreement for Protected Data that is posted on the CAISO Website, (iii) provide to the CAISO a fully executed WECC Non-Member Confidentiality Agreement for WECC Data, and (iv) provide to the CAISO a non-disclosure statement, the form of which is attached as an exhibit to the Non-Disclosure Agreement executed by the non-Market Participant, executed by each employee and consultant of the non-Market Participant who will have access to the Protected Data.

**6.5.10.3 Obligation to Report Violations of Section 6.5.10**

Each Market Participant, non-Market Participant, employee of a Market Participant, employee of a non-Market Participant, consultant, and employee of a consultant to whom the CAISO distributes the Protected Data shall be obligated to immediately report to the CAISO any violation of the requirements of Section 6.5.10.

**6.5.11 Aggregate Generation Outage Data**

Each day prior to the applicable Integrated Forward Market, the CAISO will publish Generation outage data for each Existing Zone Trading Hub aggregated by fuel category, for example thermal, hydro or renewable, for the current Trading Day and for twenty-nine (29) days following that date, to the extent such disclosure is consistent with the confidentiality requirements in Section 20. To the extent that the CAISO fails to provide this report on any given Operating Day, the CAISO will endeavor to provide this report within the next thirty (30) days for any given successful Integrated Forward Market run, after which the information will not be provided.**6.5.12 Wind and Solar Forecast and Output**

On the day prior to the applicable Day-Ahead Market, the CAISO will post an aggregated Day-Ahead forecast of the expected hourly output of Eligible Intermittent Resources. Approximately 90 minutes before the applicable Trading Hour, the CAISO will post an hourly aggregate forecast of the expected output of Eligible Intermittent Resources. Each day, the CAISO will post for the prior Trading Day by the Trading Hour the actual aggregated hourly output of the Eligible Intermittent Resources. The forecast and actual output will be provided at an hourly aggregated level by the Existing Zone Trading Hubs. To the extent that the CAISO fails to provide this report on any given Operating Day, the CAISO will endeavor to provide this report for any given Trading Day within the next thirty (30) days, after which the information will not be provided.

**6.5.13 Suspension of Publication**

The CAISO may delay or suspend any data releases specified in Section 6.5 if the ISO has determined that the publication of such data results in anti-competitive or detrimental impacts to market efficiency.

**New Definitions for Appendix A;**

**Protected Information:** Information provided to parties that have executed a Non-Disclosure Agreement as further defined in Section 6.5.10.

**Transmission Constraints Enforcement Lists**

The post-Day-Ahead Market Transmission Constraints list and the pre-Day-Ahead Market Transmission

Constraints list made available by the CAISO pursuant to Section 6.5.10. The post-Day-Ahead Market

Transmission Constraints list consists of the Transmission Constraints enforced or not enforced in the

Day-Ahead Market conducted on any given day. The pre-Day-Ahead Market Transmission Constraints

list consists of the Transmission Constraints the CAISO plans to enforce or not enforce in the next day’s

Day-Ahead Market. These lists will identify and include definitions for all Transmission Constraints, including contingencies and nomograms. The definition of the Constraint includes the individual elements that constitute the Transmission Constraint. Both lists will each contain the same data elements and will provide: the flowgate constraints; transmission corridor constraints; the Nomogram constraints; and the list of Transmission Contingencies.