

### **2.3.3 Coordination of Outages and Maintenance.**

**2.3.3.1 ISO Outage Coordination Office.** The ISO Outage Coordination Office shall be established by the ISO and shall coordinate and approve Maintenance Outages of (i) all facilities that comprise the ISO Controlled Grid and (ii) Participating Generators. ~~The ISO shall coordinate Outages of other resources within the ISO Control Area or the State of California in accordance with applicable law.~~ The ISO shall additionally coordinate and approve Outages required for new construction and for work on de-energized and live transmission facilities (e.g., relay maintenance or insulator washing) and associated equipment.

\* \* \*

**2.3.3.3 Requests for Outages in Real Time Operation.** Requests for Outages of: (i) facilities that comprise the ISO Controlled Grid or (ii) Participating Generators in real time operation shall be made by the Operator to the ISO Control Center. The ISO will not approve any Outage request made within seventy-two (72)~~one hundred twenty (120)~~ hours of the requested Outage start time unless: (i) the requested Outage could not have been reasonably foreseen and scheduled through the Outage coordination process provided in Section 2.3.3; (ii) the requested Outage will not compromise ISO Controlled Grid reliability; and (iii) the requested Outage will not cause unduly significant market impacts.

\* \* \*

**2.3.3.5 Maintenance Outage Planning.** Each Operator shall, by not later than October 15 each year, provide the ISO with a proposed schedule of all Maintenance Outages it wishes to undertake in the next following year. The proposed schedule shall include all of the Operator's transmission facilities that comprise the ISO Controlled Grid and Participating Generators. In the case of a Participating TO's transmission facilities, that proposed schedule shall be developed in consultation with the UDCs interconnected with that Participating TO's system and shall take account of each UDC's planned maintenance requirements. The nature of the information to be provided and the detailed Maintenance Outage planning procedure shall be established by the ISO and set out in an ISO Protocol. Either the ISO, pursuant to Section 2.3.3.6, or an Operator,

subject to Section 2.3.3.5.4, may at any time request a change to an Approved Maintenance Outage. An Operator may, upon ~~seventy-two (72)~~one hundred-twenty (120) hours advance notice, schedule with the ISO Outage Coordination Office a Maintenance Outage on its system, subject to the conditions of Sections 2.3.3.5.1, 2.3.3.5.2, and 2.3.3.5.3.

\* \* \*

**2.3.3.6 Maintenance Outage Requests by the ISO.** The ISO Outage Coordination Office may at any time request a Maintenance Outage or a change to an Approved Maintenance Outage from an Operator if, in the opinion of the ISO Outage Coordination Office, the requested Maintenance Outage or change is required to secure the efficient use and reliable operation of the ISO Controlled Grid. In addition, the ISO Outage Coordination Office may, by providing notice no later than 5:00 a.m. of the day prior to the day upon which the outage is scheduled to commence, direct the Operator to cancel an Approved Maintenance Outage, when necessary to preserve or maintain System Reliability or with respect to Reliability Must-Run Units or facilities that form part of the ISO Controlled Grid, to avoid unduly significant market impacts that would arise if the Outage were to proceed as scheduled. The Operator, acting in accordance with Good Utility Practice, shall comply with the ISO's direction and the provisions of Sections 2.3.3.6.1 and 2.3.3.6.2 shall apply. The ISO shall give notice of any such direction to Market Participants prior to the deadline for submission of initial Preferred Day-Ahead Schedules for the day on which the outage was to have commenced. For purposes of this section and Section 2.3.3.3, an "unduly significant market impact" means an unplanned event or circumstance (e.g., unseasonable weather, a Forced Outage of a facility, or other occurrence) that adversely affects the competitive nature and efficient workings of the ISO markets, and is of such severity that a prudent Operator would not have scheduled a Maintenance Outage of its facility if the unplanned event or circumstance could have been anticipated.

\* \* \*

**2.3.3.9 Forced Outages.**

\* \* \*

**2.3.3.9.5** Within forty-eight (48) hours ~~seven (7) days~~ of the commencement of a Forced Outage, the Operator shall provide to the ISO an explanation of the Forced Outage, including a description of the equipment failure or other cause and a description of all remedial actions taken by the Operator. Upon request of the ISO, Operators, and where applicable, Eligible Customers, Scheduling Coordinators, UDCs and MSSs promptly shall provide information requested by the ISO to enable the ISO to review the explanation submitted by the Operator and to prepare reports on Forced Outages. If the ISO determines that any Forced Outage may have been the result of gaming or other questionable behavior by the Operator, the ISO shall submit a report describing the basis for its determination to the FERC. The ISO shall consider the following factors when evaluating the Forced Outage to determine if the Forced Outage was the result of gaming or other questionable behavior by the operator: 1) if the Forced Outage coincided with certain market conditions such that the Forced Outage may have influenced market prices or the cost of payments associated with out-of-sequence dispatches, out-of-market dispatches, or Real Time Market dispatches above the Marginal Proxy Clearing Price or Non-Emergency Clearing Price Limit, as applicable; 2) if the Forced Outage coincided with a change in the bids submitted for any units or resources controlled by the Operator or the Operator's Scheduling Coordinator; 3) if the ISO had recently rejected a request for an outage for, or to shut down, the Generating Unit experiencing the Forced Outage; 4) if the timing or content of the notice of the Forced Outage provided to the ISO was inconsistent with subsequent reports of or the actual cause of the outage; 5) if the Forced Outage or the duration of the Forced Outage was inconsistent with the history or past performance of that Generating Unit or similar Generating Units; 6) if the Forced Outage created or exacerbated congestion; 7) if the Forced Outage was extended with little or no notice; 8) if the Operator had other alternatives to resolve the problems leading to the Forced Outage; 9) if the Operator took reasonable action to minimize the duration of the Forced Outage; or 10) if the Operator failed to provide the ISO an explanation of the Forced Outage within forty-eight (48) hours or failed to provide any additional information or access to the generating facility requested by the ISO within a reasonable time.

\* \* \*

# OUTAGE COORDINATION PROTOCOL

## OCP 2.2.1.1 Additional Maintenance Outages

If conditions require, a Participating Generator may, upon seventy-two (72)~~one hundred twenty (120)~~ hours advance notice (or within the notice period in the Operating Procedures posted on the ISO Home Page), schedule with the ISO Outage Coordination Office a Maintenance Outage affecting any of its units. The Participating Generator shall supply to the ISO the data set out in OCP 2.2.1 and applicable ISO Operating Procedures as posted on the ISO Home Page.

\* \* \*

## OCP 3.1.1.1 Additional Maintenance Outages

If conditions require, a Participating TO may, upon seventy-two (72)~~one hundred twenty (120)~~ hours advance notice (or as specified in the Operating Procedures on the ISO Home Page), schedule with the ISO Outage Coordination Office a Maintenance Outage on its system. The Participating TO shall supply to the ISO the data set out in OCP 3.1.1.

\* \* \*

## OCP 3.2.3 Direction by the ISO

The ISO Outage Coordination Office may, by providing notice no later than 5:00 a.m. of the day prior to the day upon which the Outage is scheduled to commence, direct the Operator to cancel an Approved Maintenance Outage, when necessary to preserve or maintain System Reliability or, with respect to Reliability Must-Run Units or facilities that form part of the ISO Controlled Grid, to avoid unduly significant market impacts that would arise if the outage were to proceed as scheduled. The ISO will compensate the applicable Participating TO or Participating Generator, pursuant to the provisions of Section 2.3.3.6.3 of the ISO Tariff, for the direct and verifiable costs incurred by that Participating TO or Participating Generator as a result of the ISO's cancellation of an Approved Maintenance Outage. The Operator, acting in accordance with Good Utility Practice, shall comply with the ISO's direction. The ISO shall give notice of any such direction to Market Participants prior to the deadline for submission of initial Preferred Day-Ahead Schedules for the day on which the Outage was to have commenced. For purposes of this section, an "unduly significant market impact" means an unplanned event or circumstance (e.g., unseasonable weather, a forced outage of a facility, or other occurrence) that adversely affects the competitive nature and efficient workings of the ISO markets, and is of such severity that a prudent Operator would not have scheduled a Maintenance Outage if the unplanned event or circumstance could have been anticipated.

\* \* \*

## OCP 4.3.1 Data Required

The Operator of a Participating Generator shall submit to the ISO pursuant to OCP 7 its request to confirm the schedule of a planned Maintenance Outage or to change the schedule of a planned Maintenance Outage. Such request must be made to the ISO Outage Coordination Office by no later than 11:30 am three

~~(3) five (5)~~ working days prior to the starting date of the proposed Outage (or as specified on the ISO Home Page). Such schedule confirmation request shall specify the following:

- (a) the Generating Unit or System Unit name and Location Code;
- (b) the nature of the maintenance to be performed;
- (c) the date and time the Outage is to begin;
- (d) the date and time the Outage is to be completed;
- (e) the time required to terminate the Outage and restore the Generating Unit to normal capacity;
- (f) identification of primary and alternate telephone numbers for the Operator's single point of contact;
- (g) in the case of a request for a change to an Approved Maintenance Outage, the date and time of the original Approved Maintenance Outage.

\* \* \*

**OCP 5.3.1 Three (3) Five (5) Day Prior Notification**

Any request to confirm an Approved Maintenance Outage that may affect the transfer capability of any part of the ISO Controlled Grid must be submitted no later than 11:30 am at least ~~three (3) five (5)~~ working days prior to the starting date of the Approved Maintenance Outage (or as posted on the ISO Home Page). OCP 5.3.1 applies to facilities as described on the ISO Home Page. Failure to submit a request for an Outage by the proper time may mean a delay in approval from the ISO or may cause that Outage to be designated as a Forced Outage based on the nearness of the request to the requested Outage date.