OUTAGE COORDINATION PROTOCOL

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OUTAGE COORDINATION PROTOCOL

Table of Contents

OUTAGE COORDINATION PROTOCOL (OCP)

OCP 1 OBJECTIVES, DEFINITIONS, AND SCOPE

OCP 1.1 Objectives

The objective of the OCP is to enable the ISO to coordinate maintenance outages as far as possible in advance to allow the ISO to maintain System Reliability and to minimize the quantity and effect of Congestion on the ISO Controlled Grid and Interconnections.

OCP 1.1.1 The Role of the ISO

The ISO Tariff authorizes the ISO to coordinate outage schedules for maintenance, repair and construction of Generating Units, sections of the ISO Controlled Grid, and Interconnections. This Protocol is designed to enable the ISO to perform this role.

The Facility Owner shall remain solely and directly responsible for the performance of all maintenance work, whether on energized or deenergized facilities, including all activities related to providing a safe working environment.

OCP 1.1.2 ISO Outage Coordination Office

The ISO Outage Coordination Office will be operational Monday through Friday, except holidays, and will accept, schedule, and approve or deny Maintenance Outage requests as necessary for the reliable operation of the ISO Controlled Grid. The Outage Coordination Office is located in Folsom. Each office and the areas of responsibility of that office are detailed in the most recent version of the applicable ISO Operating Procedures, which are posted on the ISO Home Page.

OCP 1.2 Definitions

OCP 1.2.1 Master Definitions Supplement

Any word or expression defined in the Master Definitions Supplement to the ISO Tariff shall have the same meaning where used in this Protocol. A reference to a Section or an Appendix refers to a Section or an Appendix of the ISO Tariff unless otherwise indicated. References to OCP are to this Protocol or to the stated paragraph of this Protocol.

OCP 1.2.2 Special Definitions for this Protocol

In this Protocol, the following words and expressions shall have the meaning set opposite them:

"Final Approval" means a statement of consent by the ISO Control Center to initiate a scheduled Outage.

OCP 1.2.3 Rules of Interpretation

(a) Unless the context otherwise requires, if the provisions of this Protocol and the ISO Tariff conflict, the ISO Tariff will prevail to the extent of the inconsistency. The provisions of the ISO Tariff have been summarized or repeated in this Protocol only to aid understanding.

(b) Unless the context otherwise requires, if the provisions of this Protocol and that of an existing contract conflict, the existing contract will prevail to the extent of the inconsistency.

(c) A reference in this Protocol to a given agreement, ISO Protocol or instrument shall be a reference to that agreement or instrument as modified, amended, supplemented or restated through the date as of which such reference is made.

(d) The captions and headings in this Protocol are inserted solely to facilitate reference and shall have no bearing upon the interpretation of any of the terms and conditions of this Protocol.

(e) This Protocol shall be effective as of the ISO Operations Date.

(f) The Operating Procedures referenced in this Protocol, as may be amended from time to time, shall be posted on the ISO Home Page and such references in this Protocol shall be to the Operating Procedures then posted on the ISO Home Page.

OCP 1.3 Scope

OCP 1.3.1 Scope of Application to Parties

OCP applies to the ISO and to the following:

(a) Operators;

(b) Participating Generators;

(c) Connected Entities, to the extent the agreement between the Connected Entity and the ISO so provides; and

(d) Utility Distribution Companies (UDCs).

OCP 1.3.2 [Not Used]

OCP 1.3.3 Liability of the ISO

Any liability of the ISO arising out of or in relation to this Protocol shall be subject to Section 14 of the ISO Tariff as if references to the ISO Tariff were references to this Protocol.

OCP 1.3.4 California Department of Water Resources

The provisions of Section 2.3., and the provisions of the Outage Coordination Protocol, shall apply to the California Department of Water Resources("CDWR"). However, the ISO's authority to deny a requested change to an Approved Maintenance Outage, or cancel an Approved Maintenance Outage, relating to hydroelectric Generating Units owned and operated by the CDWR, shall be limited as set forth in Section 2.3.3.1.1 of the ISO Tariff.

OCP 2 PLANNING OF GENERATING UNIT OUTAGES

OCP 2.1 Reporting for Regulatory Must-Take Generation

Information regarding planned outages for resources providing Regulatory Must-Take Generation shall be provided to the ISO Outage Coordination Office by the Participating TO or UDC having an existing contract with such resource or by a Participating Generator. Information provided will be that obtained by the Participating TO, UDC or a Participating Generator pursuant to the terms of the existing agreement with the Regulatory Must-Take Generation resource or as requested by the ISO.

OCP 2.2 Data to ISO

All information submitted in relation to planned Generating Unit Outages must be submitted in accordance with OCP 7.

OCP 2.2.1 Long-Range Planning Program

By October 15 of each year, each Generator will provide the ISO in writing with a proposed Outage schedule for each of its Generating Units (including its Reliability Must-Run Units) and System Units for the following calendar year. The following information is required for each Generating Unit:

(a) the Generating Unit name and Location Code;

(b) the MW capacity unavailable;

(c) the scheduled start and finish date for each Outage; and

(d) where there is a possibility of flexibility, the earliest start date and the latest finish date, along with the actual duration of the Outage once it commences.

OCP 2.2.1.1 Additional Maintenance Outages

If conditions require, a Participating Generator may, upon seventy-two (72) 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 2.2.2 Quarterly Updates to Planned Generator Outage Program

Each Participating Generator will provide the ISO with quarterly updates of its long-range Outage schedule referred to in OCP 2.2.1 for Generating Units and System Units by the close of business on the fifteenth (15^{th}) day of each January, April, and July. These updates must identify known changes to any previously planned Generating Unit Outages and any additional Outages anticipated over the next twelve months from the time of this report. In this report, each Participating Generator must include all known planned Outages for the following twelve months.

OCP 2.2.3 Changes to Generator Outage Program

In addition to changes made at quarterly Outage submittals, each Participating Generator shall notify the ISO in writing of any known changes to a Generating Unit or System Unit Outage scheduled to occur within the next 90 days.

Participating Generators must obtain the approval of the ISO Outage Coordination Office in accordance with OCP 4 and Section 2.3.3 of the ISO Tariff. Such approval may be withheld only for reasons of System Reliability or security.

OCP 2.2.4 Changes to Planned Maintenance Outages

A Participating Generator may submit changes to its planned Maintenance Outage schedule at any time. Changes must be approved by the ISO Outage Coordination Office. Such approval may be withheld only for reasons of System Reliability or security.

OCP 2.2.5 Additional Information Requests

The ISO may request additional information or seek clarification from Participating Generators of the information submitted in relation to a planned Generating Unit and System Unit Outage. This information may be used to assist the ISO in prioritizing conflicting requests for Outages.

OCP 2.3 ISO Analysis of Generating Unit Outage Plans

OCP 2.3.1 Calculation of Aggregate Generating Capacity

The ISO will use the long-range Generating Unit or System Unit Outage schedule referenced in OCP 2.2.1 and, as appropriate, additional approved Outage requests scheduled to start within 90 days, to calculate the aggregate Generation capacity projected to be available in the following time frames:

(a) on an annual and quarterly basis, the ISO will calculate the aggregate weekly peak Generation capacity projected to be available during each week of the following year and quarter, respectively; and

(b) on a monthly basis, the ISO will calculate the aggregate daily peak Generation capacity projected to be available during the month.

OCP 2.3.2 System Adequacy Reports

The ISO will publish the following reports comparing the projected aggregate Generation capacity to the peak forecast Demands, as calculated in accordance with the Demand Forecast Protocol (DFP):

(a) on an annual basis and within eight weeks after receiving the annual or updated long-range planned Outage schedules from all Participating Generators, the ISO shall publish on the ISO Home Page a report comparing the aggregated weekly peak Generation capacity to the weekly peak forecast Demand for the next 52 weeks;

(b) on a quarterly basis, the ISO shall publish on the ISO Home Page a report comparing the aggregated weekly peak Generation capacity to the weekly peak forecast Demand for the next 3 months; and

(c) on a monthly basis, the ISO shall publish on the ISO Home Page a report comparing the aggregated weekly peak Generation capacity to the weekly peak forecast Demand for the next month.

OCP 2.3.3 Approval of Generation Outages

The information relating to each Maintenance Outage submitted by a Participating Generator in accordance with OCP 2.2 constitutes a request for a long-range Maintenance Outage and is not considered an Approved Maintenance Outage until the ISO has notified that Participating Generator of such approval pursuant to OCP 4.3.

OCP 3 PLANNING OF ISO CONTROLLED GRID MAINTENANCE

OCP 3.1 Data to ISO

All information submitted in relation to planned Outages of ISO Controlled Grid facilities must be submitted in accordance with OCP 7.

OCP 3.1.1 Long-Range Program

By October 15 of each year, each Participating TO will provide the ISO in writing with its list of proposed Maintenance Outages for the next calendar year. This list shall include the following data:

(a) the identification of the facility and location;

(b) the nature of the proposed Maintenance Outage;

(c) the preferred start and finish date for each Maintenance Outage; and

(d) where there is a possibility of flexibility, the earliest start date and the latest finish date, along with the actual duration of the Outage once it commences.

OCP 3.1.1.1 Additional Maintenance Outages

If conditions require, a Participating TO may, upon seventy-two (72) 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 3.1.2 Quarterly Update

Each Participating TO will provide the ISO with quarterly updates of the data provided under OCP 3.1.1 by close of business on the fifteenth (15^{th}) day of each January, April, and July. These updates must identify known changes to any previously planned ISO Controlled Grid facility Maintenance Outages and any additional Outages anticipated over the next twelve months from the time of the report. As part of this update, each Participating TO must include all known planned Outages for the following twelve months.

OCP 3.1.3 Changes to Planned Maintenance Outages

A Participating TO may submit changes to its planned Maintenance Outage information at any time, provided, however, that if the Participating TO cancels an Approved Maintenance Outage after 5:00 a.m. of the day prior to the day upon which the Outage is scheduled to commence and the ISO determines that the change was not required to preserve System Reliability, the ISO may disregard the availability of the affected facilities in determining the availability of transmission capacity in the Day-Ahead Market. The ISO will, however, notify Market Participants and reflect the availability of transmission capacity in the Hour-Ahead Market as promptly as practicable.

OCP 3.1.4 Nature of Maintenance Outage Information

The information relating to each Maintenance Outage submitted by a Participating TO in accordance with OCP 3.1 constitutes a request for a long-range Maintenance Outage and is not considered an Approved Maintenance Outage until the ISO has notified the Participating TO of such approval pursuant to OCP 5.4.

OCP 3.1.5 Additional Information

The ISO may request additional information or seek clarification from Participating TOs of the information submitted in relation to a planned Maintenance Outage. This information may be used to assist the ISO in prioritizing conflicting requests for Outages.

OCP 3.1.6 Adjacent Control Areas

The ISO will coordinate the exchange of proposed ISO Controlled Grid Maintenance Outages, as appropriate, with the operators of adjacent Control Areas.

OCP 3.2 ISO Analysis of ISO Controlled Grid Outage Plans

OCP 3.2.1 Review of Planned Maintenance Outages

The ISO Outage Coordination Office will review the Maintenance Outages submitted under OCP 2.2 and OCP 3.1 to determine if any one or a combination of Maintenance Outage requests relating to ISO Controlled Grid facilities, Generating Units or System Units may cause the ISO to violate the Applicable Reliability Criteria. This review will take consideration of factors including, but not limited to, the following:

(a) forecast peak Demand conditions;

(b) other Maintenance Outages, previously Approved Maintenance Outages, and anticipated Generating Unit Outages;

(c) potential to cause Congestion;

(d) impacts on the transfer capability of Interconnections; and

(e) impacts on the market.

If in the ISO's determination, any of the proposed Maintenance Outages would cause the ISO to violate the Applicable Reliability Criteria, the ISO will notify the relevant Operator. The Operator then will revise the proposed Maintenance Outage and inform the ISO of the changes pursuant to OCP 2.2 and 3.1.

OCP 3.2.2 Suggested Amendments by the ISO

The ISO Outage Coordination Office may provide each Operator in writing with any suggested amendments to those Maintenance Outage requests rejected by the ISO Outage Coordination Office. Any such suggested amendments will be considered as an ISO maintenance request and will be approved in accordance with the process set forth in Section 2.3.3.6 of the ISO Tariff.

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.

OCP 4 SCHEDULING AND APPROVAL OF GENERATOR MAINTENANCE OUTAGES

OCP 4.1 Regulatory Must-Take Generation

Scheduling and approvals of Maintenance Outages for resources providing Regulatory Must-Take Generation shall continue to be coordinated as detailed in the applicable contract with the Participating TO or UDC, provided the Regulatory Must-Take Generator has not executed a Participating Generator Agreement. The Participating TO or UDC will advise the ISO Outage Coordination Office of scheduled and approved Maintenance Outages on resources providing Regulatory Must-Take Generation pursuant to existing contracts. If the Regulatory Must-Take Generator has executed a Participating Generator Agreement, it shall comply with OCP 2 and other provisions applicable to Participating Generators.

OCP 4.2 Schedule Confirmation and Final Approval of Scheduled Outages Required Under the ISO Tariff

Each Participating Generator which has scheduled a planned Maintenance Outage pursuant to OCP 2 must schedule and receive approval of the Outage from the ISO Outage Coordination Office in accordance with OCP 4 prior to initiating the Approved Maintenance Outage.

Under no circumstance shall an Operator start any Approved Maintenance Outage without receiving Final Approval from the ISO Control Center being requested and given in accordance with OCP 4.3.8.

OCP 4.3 Generator Outage Scheduling and Approval

OCP 4.3.1 Data Required

The Operator of a Participating Generator owned or controlled by 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) 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; and

(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 4.3.2 Delay

The ISO Outage Coordination Office may delay its approval of a scheduled Maintenance Outage for a Participating Generator if sufficient or complete information is not received by the ISO Outage Coordination Office within the time frames set forth in OCP 4.3.1.

OCP 4.3.3 Acceptance or Rejection of Outage Schedule

The ISO Outage Coordination Office shall acknowledge receipt of each request to confirm or approve a Maintenance Outage for a Generating Unit, System Unit or Aggregated Unit and approve or reject such request in accordance with the Operating Procedures posted on the ISO Home Page.

OCP 4.3.4 Withdrawal or Modification of Request

The Operator of a Participating Generator may withdraw a request at any time prior to actual commencement of the Outage. The Operator of a Participating Generator may modify a request at any time prior to receipt of any acceptance or rejection notice from the ISO Outage Coordination Office or pursuant to OCP 4.3.1, but the ISO Outage Coordination Office shall have the right to reject such modified request for reasons of System Reliability, system security or market impact, because of the complexity of the modifications proposed, or due to insufficient time to assess the impact of such modifications.

OCP 4.3.5 Rejection Notice

The ISO Outage Coordination Office shall, in a rejection notice, identify the ISO's reliability, security and market concerns which prompt the rejection and suggest possible remedies or schedule revisions which might mitigate any such concerns.

OCP 4.3.6 Approval Mandatory

The Operator of a Participating Generator shall not initiate a Generating Unit Outage without receiving Final Approval as prescribed in OCP 4.3.8.

OCP 4.3.7 Priority of Participating Generator Outage Requests

Outage requests which are listed in the long-range maintenance schedules submitted to and approved by the ISO will be given a priority in the scheduling and approval of Outage requests over those which have not been listed.

OCP 4.3.8 Final ISO Approval

On the day when an Approved Maintenance Outage is scheduled to commence the relevant Operator shall contact the ISO Control Center for Final Approval of the requested Outage including the starting time and return time. No such Outage shall commence without such Final Approval being obtained from the ISO Control Center, whose decision shall be final.

OCP 4.3.9 Withholding of Final Approval and Rescheduling of Outage

The ISO Control Center shall have the authority to withhold a Final Approval for an Approved Maintenance Outage for reasons of System Reliability. The ISO Control Center shall immediately notify the relevant Operator of its intention to withhold the Final Approval. The Generator Maintenance Outage will then be rescheduled pursuant to the Outage Coordination Protocol and Dispatch Protocol.

OCP 4.4 [Not Used]

OCP 4.4.1 [Not Used]

OCP 4.4.2 [Not Used]

OCP 4.4.3 [Not Used]

OCP 4.4.4 [Not Used]

OCP 4.4.5 [Not Used]

OCP 4.4.6 **[Not Used]**

OCP 4.4.7 **[Not Used]**

OCP 4.4.8 **[Not Used]**

OCP 4.4.9 **[Not Used]**

OCP 4.4.10 **[Not Used]**

OCP 5 **ISO Controlled Grid Maintenance Scheduling and Approval**

OCP 5.1 **Schedule Confirmation and Final Approval of Scheduled Outages Required Under the ISO Tariff**

Each Participating TO which has scheduled a Maintenance Outage pursuant to OCP 3 must schedule and receive approval of the Outage from the ISO Outage Coordination Office in accordance with OCP 5.4 prior to initiating the Approved Maintenance Outage.

Under no circumstance shall an Operator start any Approved Maintenance Outage without Final Approval from the ISO Control Center. Such Final Approval shall be requested and given in accordance with OCP 5.7.

OCP 5.2 Adjacent Control Areas

The ISO will coordinate the scheduling of ISO Controlled Grid facilities and approvals, as necessary, with the operators of adjacent Control Areas.

OCP 5.3 Data Required

All Participating TOs shall submit a formal request to confirm or change an Approved Maintenance Outage with respect to any ISO Controlled Grid facility to the ISO Outage Coordination Office in accordance with OCP 5.3.1 and OCP 5.3.2.

A request to confirm a planned Maintenance Outage or to change an Approved Maintenance Outage shall specify:

(a) the identification of the transmission system element(s) to be maintained including location;

(b) the nature of the maintenance to be performed;

(c) the date and time the Maintenance Outage is to begin;

(d) the date and time the Maintenance Outage is to be completed;

(e) the time required to terminate the maintenance and restore the transmission system to normal operation;

(f) identification of primary and alternate telephone numbers for the Operator's single point of contact; and

(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) 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) 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.

OCP 5.3.2 One (1) Day Prior Notification

Any request to confirm or change the Schedule for an Approved Maintenance Outage requiring only one day notice (as detailed on the ISO Home Page) must be submitted no later than 11:30 am at least one (1) day prior to the starting date of the Outage (or as specified 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.

OCP 5.3.3 Priority of Transmission Facility Outage Requests

Outage requests which are listed in the long-range planned maintenance schedule submitted to the ISO will be given a priority in scheduling and approval of Outage requests over those which have not been listed.

OCP 5.3.4 Delay

The ISO Outage Coordination Office may delay its approval of an Approved Maintenance Outage schedule if sufficient or complete information is not received by the ISO Outage Coordination Office within the time frames provided in OCP 5.3.1 and 5.3.2.

OCP 5.4 Acceptance or Rejection of Outage Schedule

The ISO Outage Coordination Office shall acknowledge receipt of each request to confirm or approve a Maintenance Outage for ISO Controlled Grid facilities and approve or reject such request in accordance with the Operating Procedures posted on the ISO Home Page.

OCP 5.5 Withdrawal or Modification of Request

A Participating TO's Operator may withdraw a request at any time prior to actual initiation of the Outage. A Participating TO's Operator may modify a request at any time prior to receipt of any acceptance or rejection notice from the ISO Outage Coordination Office or pursuant to OCP 5.3.1 and 5.3.2, but the ISO Outage Coordination Office shall have the right to reject such modified request because of the complexity of the modifications proposed or insufficient time to assess the impact of such modifications.

OCP 5.6 Rejection Notice

The ISO Outage Coordination Office shall, in a rejection notice, identify the ISO's reliability, security and market concerns which prompt the rejection and suggest possible remedies or schedule revisions which might mitigate any such concerns.

OCP 5.6.1 Failure to Meet Requirements

Any request to consider maintenance that does not meet the notification requirements contained in OCP 5.3.1 and 5.3.2 will be rejected without further consideration, unless OCP 6 applies.

OCP 5.7 Final Approval Mandatory

Under no circumstance shall any Outage be initiated for which an approval is required, under this Protocol without the relevant Operator receiving Final Approval of that Outage in accordance with OCP 5.8.

OCP 5.8 Final ISO Approval

On the day when an Approved Maintenance Outage is scheduled to commence the relevant Operator shall contact the ISO Control Center for Final Approval of the requested Outage including the starting time and return time. No such Outage shall commence without such Final Approval being obtained from the ISO Control Center, whose decision shall be final.

OCP 5.9 Withholding of Final Approval and Rescheduling of Outage

The ISO Control Center shall have the authority to withhold a Final Approval for reasons of System Reliability, security or system status of the ISO Controlled Grid or market impact. The ISO Control Center shall immediately notify the relevant Operator of its intention to withhold the Final Approval. The ISO Controlled Grid facility Maintenance Outage will then be rescheduled in accordance with this Protocol.

OCP 6 MANAGEMENT OF FORCED OUTAGES OR IMMEDIATE NATURE MAINTENANCE

OCP 6.1 Immediate Forced Outage

Any Operator, upon identification of a situation likely to result in a Forced Outage within the next twenty-four (24) hours unless immediate corrective action is taken, where such action requires the removing from service or restricting an operating Generating Unit or removing a transmission facility from service, shall communicate directly with the ISO Control Center as set forth in the emergency procedures of the Dispatch Protocol.

OCP 6.2 Imminent Forced Outage

Any Operator, upon identification of a situation likely to result in a Forced Outage but of a nature not requiring a removal from service until some time more than twenty-four (24) hours in the future will be subject to the provisions of OCP 4 and OCP 5 with respect to any necessary Outage except the requirements imposing time limits for notification will be waived and the request will be expedited by the ISO provided notice is given as soon as possible.

OCP 7 Communication of Scheduled Maintenance Requests

OCP 7.1 Single Point of Contact

All communications concerning a Maintenance Outage request or a request to confirm or change an Approved Maintenance Outage shall be between the ISO and the designated single point of contact for each Operator. The Operator shall provide in its initial request the identification of the single point of contact along with primary and alternate means of communication. This identification will be confirmed in all communications with the ISO in relation to Outage requests, including any request to the ISO for confirmation, change or Final Approval of an Outage.

OCP 7.2 Method of Communications

The primary method of communication from an Operator to the ISO will be as described in the Operating Procedure on the ISO Home Page. Emergency capabilities, to be used only as a back-up if the primary communication method is unavailable, will include:

(a) voice;

(b) fax; and

(c) electronic (E-mail, FTP file, etc.).

OCP 7.3 Confirmation

When fax or electronic communication is utilized, confirmation from the ISO must be received by the Operator to validate the receipt of the request pursuant to OCP 7.2.

OCP 7.4 Communication of Approval or Rejection

The ISO shall use the same methods in communicating the approval or rejection of an Outage request or approval of a request to change an Approved Maintenance Outage to the relevant Operator.

OCP 8 OUTAGE COORDINATION FOR NEW FACILITIES

OCP 8.1 Coordination by ISO

The procedure to energize and place in service any new or relocated piece of equipment, connected to the ISO Controlled Grid, must be set out by the Operator or Connected Entity in a written procedure and coordinated by the ISO Outage Coordination Office.

OCP 8.2 Types of Work Requiring Coordination

The types of work which the ISO will coordinate under OCP 8 includes any new addition, replacement or modification to the ISO Controlled Grid, including:

(a) transmission lines forming part of the ISO Controlled Grid;

(b) equipment including circuit breakers, transformers, disconnects, reactive devices, wave traps, forming part of the ISO Controlled Grid;

(c) Generating Unit interconnections; and

(d) protection and control schemes, including RAS, SCADA, EMS, or AGC.

OCP 8.3 Uncomplicated Work

When line rearrangements and/or station equipment work is uncomplicated and easily understood, the ISO Outage Coordination Office may determine that the work can be accomplished using Outages approved in accordance with OCP 5. The ISO Outage Coordination Office will make this determination in coordination with the respective requesting Operator or Connected Entity.

OCP 8.4 Special Procedures for More Complex Work

OCP 8.4.1 Responsibility for Preparation

In cases to which OCP 8.3 does not apply, it is the responsibility of the requesting Operator or Connected Entity to prepare a written procedure to enable the ISO to approve Outages in a manner that enables the necessary work to proceed. The ISO Outage Coordination Office must approve the procedure.

OCP 8.4.2 Information to be Provided to the ISO

The written procedure must be received by the ISO Outage Coordination Office a minimum of four (4) weeks prior to the start of procedure. Adequate drawings will be attached to the procedure to help clarify the work being performed and the Outages that will be required to complete the work must be specified. The procedure shall include all of the information referred to on the ISO Home Page.

OCP 8.4.3 Approval of the Procedure

Upon receipt of the procedure and drawings referred to in OCP 8.4.2, the ISO Outage Coordination Office will review the procedure and notify the Operator or Connected Entity of any required modifications. The ISO Outage Coordination Office may, at its discretion, require changes to and more detail to be inserted in the procedure. The requesting Operator or Connected Entity will consult with other entities likely to be affected and will revise the procedure, following any necessary or appropriate discussions with the ISO to reflect the requirements of the ISO. Following the ISO approval, an approved copy of the procedure will then be transmitted to the Operator or Connected Entity and the other entities likely to be affected.

OCP 8.4.4 Changes to Procedure

Once the procedure is approved by the ISO Outage Coordination Office any modifications to the procedure will require the requesting Operator or Connected Entity to notify the ISO Outage Coordination Office with as much lead time as possible

of the recommended changes. The modified procedure will then have to be approved by the ISO Outage Coordination Office in accordance with OCP 8.4.2 and 8.4.3.

OCP 8.4.5 Approval of Work Requiring Coordination

No work can begin pursuant to any approved procedure unless approved by the ISO Outage Coordination Office and only in accordance with OCP 4 and OCP 5.

OCP 9 RECORDS AND REPORTS

OCP 9.1 Records of Approved Maintenance Outages

The ISO Outage Coordination Office will maintain a record of each Approved Maintenance Outage as it is implemented. Such records are available for inspection by Operators and Connected Entities at the ISO Outage Coordination Office. Only those records pertaining to the equipment or facilities owned by the relevant Operator or Connected Entity will be made available for inspection at the ISO Outage Coordination Office, and such records will only be made available provided notice is given in writing to the ISO fifteen (15) days in advance of the requested inspection date.

OCP 10 AMENDMENTS TO THE PROTOCOL

If the ISO determines a need for an amendment to this Protocol, the ISO will follow the requirements as set forth in Section 16 of the ISO Tariff.

OUTAGE COORDINATION PROTOCOL

APPENDIX A

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