



March 2, 2012

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

**Re: California ISO Docket No. ER11-2256-____
Tariff Changes to Implement Offer of Settlement**

Dear Secretary Bose:

On December 23, 2011, the California Independent System Operator Corporation ("ISO") filed an Offer of Settlement to resolve all outstanding issues in this proceeding regarding the capacity procurement mechanism and the exceptional dispatch mitigation provisions of its tariff.

On February 16, 2012, the Commission issued an order accepting without modification the proposed Offer of Settlement to become effective as of the date of that order, as provided in the Offer of Settlement.¹ The February 16 Order directed the ISO to submit a compliance filing within 15 days, or by March 2, 2012, to modify its tariff to incorporate the revised tariff provisions included in the Offer of Settlement.

Accordingly, the ISO now submits the revised capacity procurement mechanism tariff provisions for Commission acceptance effective February 16, 2012, consistent with the Offer of Settlement and the February 16 Order.²

¹ *California Independent System Operator Corp.*, 138 FERC ¶ 61,112 (2011) ("February 16 Order").

² See Offer of Settlement, Section 2.1.

The Honorable Kimberly J. Bose
March 2, 2012
Page 2

The ISO has served this filing on all parties in Docket No. ER11-2256.
Please contact the undersigned with any questions.

Respectfully submitted,

/s/ Beth Ann Burns

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CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing documents upon all of the parties listed on the official service list for Docket No. ER11-2256, in accordance with the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2010).

Dated at Folsom, CA this 2nd day of March, 2012.

Is/ Anna M. Pascuzzo
Anna Pascuzzo

Attachment A - Clean Tariff

California Independent System Operator Corporation

Fifth Replacement FERC Electric Tariff

Capacity Procurement Mechanism - Offer of Settlement Compliance Filing

March 2, 2012

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30.5.2.7 RUC Availability Bids

Scheduling Coordinators may submit RUC Availability Bids for specific Generating Units capacity that is not Resource Adequacy Capacity or CPM Capacity in the DAM. Scheduling Coordinators for Resource Adequacy Capacity or CPM Capacity must participate in RUC to the extent that such capacity is not reflected in an IFM Schedule but need not submit RUC Availability Bids. Resource Adequacy Capacity participating in RUC will be optimized using a zero dollar (\$0/MW-hour) RUC Availability Bid. For Multi-Stage Generating Resources, the RUC Availability Bids shall be submitted at the MSG Configuration. Capacity that does not have Bids for Supply of Energy in the IFM will not be eligible to participate in the RUC process. The RUC Availability Bid component is MW-quantity of non-Resource Adequacy Capacity in \$/MW per hour.

* * *

31.5.1.2 RUC Availability Bids

Scheduling Coordinators may only submit RUC Availability Bids for capacity (above the Minimum Load) for which they are also submitting an Energy Bid (other than a Virtual Bid) to participate in the IFM. Any available Resource Adequacy Capacity and CPM Capacity will be optimized at \$0/MW in RUC. For Multi-Stage Generating Resources that fail to submit a \$0/MW per hour for the Resource Adequacy Capacity, the CAISO will insert the \$0/MW per hour for the resource's Resource Adequacy Capacity at the MSG Configuration level up to the minimum of the Resource Adequacy Capacity or the PMax of the MSG Configuration. Scheduling Coordinators may submit non-zero RUC Availability Bids for the portion of a resource's capacity that is not Resource Adequacy Capacity or CPM Capacity.

* * *

43.1.1 Capacity Procurement Mechanism Expiration

The CPM as well as changes made to other Sections to implement the CPM shall expire at midnight on the last day of the forty-eighth month following the effective date of this Section. CPM designations in existence on the expiration date shall continue in effect and remain subject to the CPM, including the provisions concerning compensation, cost allocation and Settlement, until such time as the CPM resources have been finally compensated for their services rendered under the CPM prior to the

termination of the CPM, and the CAISO has finally allocated and recovered the costs associated with such CPM compensation.

* * *

43.2.5 Exceptional Dispatch CPM

Except as provided in Section 43.2.5.1, the CAISO shall designate as CPM Capacity to provide service on a prospective basis the capacity of a resource that responds to an Exceptional Dispatch if the Exceptional Dispatch is issued pursuant to Section 34.9.1, subsections (6), (9) or (10) of Section 34.9.2, or Section 34.9.3, unless the Exceptional Dispatch directs the curtailment or shut down of the resource.

43.2.5.1 Limitation on Eligibility for Exceptional Dispatch CPM Designation

The following capacity is not eligible to receive an Exceptional Dispatch ICPM designation under this Section 43.2.5.1:

- (1) RA Capacity, RMR Capacity, and ICPM Capacity; and
- (2) Capacity of a resource that is eligible to receive supplemental revenues under Section 39.10.3 during any month for which the resource has notified the CAISO under Section 39.10.3 that it chooses to receive supplemental revenues in lieu of an Exceptional Dispatch ICPM designation.

* * *

43.2.5.2.1 Exceptional Dispatch Commitments of Non RA, Non RMR and Non CPM Resources

If a resource does not have any self-schedule, market-based commitment, or RA, RMR or CPM Capacity and receives an Exceptional Dispatch CPM designation under Section 43.2.5 following an Exceptional Dispatch eligible for a CPM designation, the CAISO shall designate as CPM Capacity the greater of the resource's PMin or the quantity of capacity needed from the resource to address the reliability issue as determined in an engineering assessment if available at that time. For designations made in the post-day ahead timeframe, the CAISO will make an initial determination of the quantity of Exceptional Dispatch CPM Capacity and will subsequently make a post-day ahead reliability assessment of the amount of capacity needed to address the reliability issue, as set forth in the Business Practice Manuals. If the post-day ahead reliability assessment shows that no additional Exceptional Dispatch CPM Capacity is needed

from the resource to address the reliability issue, the resource will be compensated based on the initial quantity of capacity designated. If the post-day ahead reliability assessment shows that additional Exceptional Dispatch CPM Capacity is needed from the resource to address the reliability issue, the CAISO will designate the incremental quantity of capacity, will treat the initial and incremental quantities of the Exceptional Dispatch CPM Capacity as a single designation effective as of the date of the initial designation, and will compensate the resource based on the sum of the initial and incremental quantities of the Exceptional Dispatch CPM Capacity for the term of the designation. Any incremental Exceptional Dispatch CPM Capacity designated under this section does not result in a new thirty (30) day term or sixty (60) -day term, as applicable.

43.2.5.2.2 Exceptional Dispatch of Partial RA, Partial CPM Unit, or Market Committed Resource

If a resource is a Partial Resource Adequacy Resource, has a CPM designation of less than its entire capacity, has a Self Schedule or has a market based commitment, or has already received an Exceptional Dispatch CPM designation under Section 43.2.5, the CAISO shall designate as CPM Capacity the amount by which the quantity of capacity needed from the resource to address the reliability issue exceeds the greater of –

- (1) the capacity that the resources must make available to the CAISO as the result of an RA Capacity or CPM Capacity obligation; if any; and
- (2) the sum of any Self-Schedule and any market-based commitment or dispatch of the resource.

43.2.5.2.3 Subsequent Exceptional Dispatch

If the CAISO, during the term of a resource's Exceptional Dispatch CPM designation, issues a subsequent Exceptional Dispatch to the resource that exceeds the sum of the resource's CPM Capacity and RA Capacity, the subsequent Exceptional Dispatch CPM Capacity shall equal the difference between the quantity of capacity needed from the resource to address the reliability issue, as determined in an engineering assessment conducted as set forth in the Business Practice Manuals, and the sum of the resource's CPM Capacity and RA Capacity, but not to exceed the resource's Eligible Capacity. The increase will be effective for the remainder of the initial Exceptional Dispatch CPM Term and retroactively

to the beginning of the initial Exceptional Dispatch CPM Term or the first day of the month in which the increase occurs, whichever is later. Any incremental Exceptional Dispatch issued within any Exceptional Dispatch CPM Term does not result in a new 30-day term or 60-day term, as applicable.

* * *

43.2.5.2.4 Change in RA, RMR, or CPM Status

If a resource has an RA, RMR or CPM Capacity obligation that pre-existed the resource's Exceptional Dispatch CPM designation and, during the term of the resource's Exceptional Dispatch CPM designation, the amount of the resource's RA, RMR or CPM Capacity is reduced, the CAISO will increase the CPM designation by the amount, if any, necessary to ensure that the sum of Exceptional Dispatch CPM designation quantity and any remaining RA Capacity is not less than PMin. If capacity that receives an Exceptional Dispatch CPM designation becomes RA Capacity or receives a monthly CPM designation or Significant Event designation or receives an RMR Contract as of a certain date, then the Exceptional Dispatch CPM designation shall be reduced by the amount of the new RA Capacity, CPM Significant Event designation, or RMR Contract from that date through the rest of the 30-day term.

* * *

43.3.6 Term - Exceptional Dispatch CPM

The CAISO shall make an explicit determination for each initial Exceptional Dispatch CPM designation as to whether it was necessary to address an Exceptional Dispatch CPM System Reliability Need or an Exceptional Dispatch CPM Non-System Reliability Need. Exceptional Dispatch CPM Capacity designated under Section 43.2.5 for an Exceptional Dispatch CPM System Reliability Need shall have an Exceptional Dispatch CPM Term of thirty (30) days. If the CAISO determines that the circumstances that led to the Exceptional Dispatch are likely to extend beyond the initial thirty (30) day period, the CAISO shall issue an Exceptional Dispatch CPM or other CPM designation for an additional thirty (30) days. Exceptional Dispatch CPM Capacity designated under Section 43.2.5 for an Exceptional Dispatch CPM Non-System Reliability Need shall have an Exceptional Dispatch CPM Term of sixty (60) days. If the CAISO determines that the circumstances that led to the Exceptional Dispatch are likely to extend beyond

the initial sixty (60) day period, the CAISO shall issue an Exceptional Dispatch CPM or other CPM designation for an additional sixty (60) days.

* * *

43.4 Selection Of Eligible Capacity Under The CPM

In accordance with Good Utility Practice, the CAISO shall make designations of Eligible Capacity as CPM Capacity under Section 43.1 by applying the following criteria in the order listed:

- (1) the effectiveness of the Eligible Capacity at meeting the designation criteria specified in Section 43.2;
- (2) the capacity costs associated with the Eligible Capacity;
- (3) the quantity of a resource's available Eligible Capacity, based on a resource's PMin, relative to the remaining amount of capacity needed;
- (4) the operating characteristics of the resource, such as dispatchability, Ramp Rate, and load-following capability;
- (5) whether the resource is subject to restrictions as a Use-Limited Resource; and
- (6) for designations under Section 43.2.3, the effectiveness of the Eligible Capacity in meeting local and/or zonal constraints or other CAISO system needs.

In applying these selection criteria, the goal of the CAISO is to designate lower cost resources that will be effective in meeting the reliability needs underlying the CPM designations. In making this determination, the CAISO will apply the first criterion to identify the effective Eligible Capacity by considering the effectiveness of the resources at meeting the designation criteria for the type of CPM to be issued and at resolving the underlying reliability need. The CAISO will apply the second criterion by considering the cost of the effective Eligible Capacity. The CAISO will endeavor to designate a resource at the CPM Capacity price determined in accordance with Section 43.6.1 before selecting a resource with a higher unit-specific CPM Capacity price specified under Section 43.6.2. The CAISO will endeavor to designate resources that have specified a capacity price before designating resources that have not specified a CPM Capacity price under Section 43.6.2.1. The CAISO will apply the third criterion by considering the quantity of a resource's Eligible Capacity. The CAISO will endeavor to select a resource that has a PMin at or below the capacity that is needed to meet the reliability need before selecting a resource that has a

PMin that would result in over-procurement. The CAISO will apply the fourth criterion by considering specific operating characteristics of a resource, such as dispatchability, ramp rate, and load-following capability to the extent that such characteristics are an important factor in resolving the reliability need. The CAISO will apply the fifth criterion by considering whether a resource is use-limited and whether that status may restrict its ability to be available to the CAISO in the Day-Ahead Market and Real-Time Market throughout the period for which it is being procured. To the extent that use-limited resources are capable of performing the required service for the duration of the CPM designation, the CAISO will not unduly discriminate in favor of non-Use Limited resources when applying the selection criteria. The ISO will apply the sixth criterion by considering the effectiveness of the Eligible Capacity to meet local and/or zonal constraints or other CAISO system needs for CPM designations under 43.2.3. If after applying these criteria, two or more resources that are eligible for designation equally satisfy these criteria, the CAISO shall utilize a random selection method to determine the designation between those resources. While the CAISO does not have to designate the full capability of a resource, the CAISO may designate under the CPM an amount of CPM Capacity from a resource that exceeds the amount of capacity identified to ensure compliance with the Reliability Criteria set forth in Section 40.3 due to the PMin or other operational requirements/limits of a resource that has available capacity to provide CPM service. The CAISO shall not designate the capacity of a resource for an amount of capacity that is less than the resource's PMin.

* * *

43.6.1 CPM Designation Market Notice

The CAISO shall issue a Market Notice within two (2) Business Days of an CPM designation under Sections 43.2.1 through 43.2.6. CPM designations as a result of Exceptional Dispatches shall be subject to the reporting requirement set forth in Section 34.9.4. The Market Notice shall include a preliminary description of what caused the CPM designation, the name of the resource(s) procured, the preliminary expected duration of the CPM designation, the initial designation period, and an indication that a designation report is being prepared in accordance with Section 43.6.2. For Exceptional Dispatch CPM designations, the market notice shall additionally indicate whether the designation was made to address an Exceptional Dispatch CPM System Reliability Need or an Exceptional Dispatch CPM Non-System

Reliability Need, specify the quantity of the Exceptional Dispatch CPM capacity that was procured and the Exceptional Dispatch CPM Term, and identify the engineering assessment the CAISO used to determine the quantity of capacity needed from the resource to address the reliability issue.

43.6.2 Designation Of A Resource Under The CPM

The CAISO shall post a designation report to the CAISO Website and provide a Market Notice of the availability of the report within the earlier of thirty (30) days of procuring a resource under Sections 43.2.1 through 43.2.6 or ten (10) days after the end of the month. The designation report shall include the following information:

- (1) A description of the reason for the designation (LSE procurement shortfall, Local Capacity Area Resource effectiveness deficiency, or CPM Significant Event), and an explanation of why it was necessary for the CAISO to utilize the CPM authority);
- (2) The following information would be reported for all backstop designations:
 - (a) the resource name;
 - (b) the amount of CPM Capacity designated (MW),
 - (c) an explanation of why that amount of CPM Capacity was designated,
 - (d) the date CPM Capacity was designated,
 - (e) the duration of the designation; and
 - (f) the price for the CPM procurement; and
- (3) If the reason for the designation is an CPM Significant Event, the CAISO will also include:
 - (a) a discussion of the event or events that have occurred, why the CAISO has procured CPM Capacity, and how much has been procured;
 - (b) an assessment of the expected duration of the CPM Significant Event;
 - (c) the duration of the initial designation (thirty (30) days); and

(d) a statement as to whether the initial designation has been extended (such that the backstop procurement is now for more than thirty (30) days), and, if it has been extended, the length of the extension.

(4) If the reason for the designation is Exceptional Dispatch CPM Capacity, the CAISO will also include additional information about the CAISO's determination of the quantity and term of the designation, which supplements the information included in the market notice issued pursuant to Section 43.6.1.

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43.7 Payments To Resources Designated Under The CPM

Scheduling Coordinators for Eligible Capacity may submit to the CAISO an intention to be paid a monthly CPM Capacity Payment under Section 43.7.1 or Section 43.7.2. Scheduling Coordinators for Eligible Capacity will be able to change their selections annually within thirty (30) days of a CAISO Market Notice seeking such payment preferences. To the extent a Scheduling Coordinator for Eligible Capacity does not submit a selection to be compensated in accordance with Section 43.7.1, the Scheduling Coordinator shall be deemed to have selected to be paid on a resource-specific basis pursuant to Section 43.7.2, for purposes of the CAISO's CPM designation determinations.

43.7.1 Monthly CPM Capacity Payment

On February 16, 2012, the fixed CPM Capacity price of \$67.50/kW-year shall become effective and shall remain in effect for two (2) years. On February 16, 2014, the fixed CPM Capacity price shall increase by five (5) percent and the effective price shall be \$70.88/kW-year, which shall remain in effect for two (2) years until February 16, 2016.

43.7.1.1 Calculation of Monthly CPM Capacity Payment

Scheduling Coordinators representing resources receiving payment under Section 43.7.1 shall receive a monthly CPM Capacity Payment for each month of CPM designation equal to the product of the amount of their CPM Capacity, the relevant CPM Availability Factor for Forced Outages, as determined in accordance with Appendix F, Schedule 6, a monthly shaping factor as set forth in Appendix F, Schedule 6, the effective fixed CPM Capacity price per kW-year and the CPM Availability Percentage for

Maintenance Outages, so that the formula for determining the monthly CPM Capacity Payment would be as follows:

$$\text{(CPM Capacity MW)} \times \text{(CPM Availability Factor for Forced Outages)} \times \text{(1/12 monthly shaping factor)} \times \text{(effective fixed CPM Capacity price per /kW-year)} \times \text{CPM Availability Percentage for Maintenance Outages.}$$

The CPM Availability Percentage for Maintenance Outages is equal to the ratio of: (1) the sum of the CPM Capacity MW for each hour of the month across all hours of the month, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Maintenance Outage or non-temperature-related ambient de-rates to (2) the product of CPM Capacity MW and the total hours in the month.

The foregoing formula shall apply to all CPM Capacity receiving monthly CPM Capacity Payments under this Section 43.7.1 except for CPM Capacity designated to respond to a CPM Significant Event or an Exceptional Dispatch CPM, in which case the monthly CPM Capacity Payment shall be based proportionately on the actual number of days the resource was designated as CPM Capacity during the month to the total number of days in the month.

For purposes of CPM designations, except for designations for CPM Significant Events and Exceptional Dispatch CPM, the CPM Availability Factor for Forced Outages shall be calculated as the ratio of: (1) the sum of the CPM Capacity MW for each hour of the month across all hours of the month, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Forced Outage or temperature-related ambient de-rate, to (2) the product of CPM Capacity MW and the total hours in the month.

For purposes of CPM designations for CPM Significant Events and Exceptional Dispatch CPM, the CPM Availability Factor for Forced Outages shall be calculated as the ratio of: (1) the sum of the CPM Capacity MW for each hour across all hours of the month or part of the month for which a unit is designated, whichever is applicable, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Forced Outage or temperature-related ambient de-rate, to (2) the product of CPM

Capacity MW and the total hours in the month or part of the month for which a unit is designated, whichever is applicable.

43.7.2 Resource-Specific CPM Capacity Payment

If a Scheduling Coordinator for Eligible Capacity believes that the fixed CPM Capacity price per KW-year in effect under Section 43.7.1 will not compensate a resource for its going forward costs, as calculated in accordance with the formula provided in Section 43.7.2.2, the Scheduling Coordinator may annually in accordance with Section 43.7, inform the CAISO of what proposed higher CPM Capacity price would compensate the resource for its going forward costs and which the Scheduling Coordinator is willing to have the CAISO use for purposes of the CPM designation process ("going forward cost offer price").

43.7.2.1 Failure to Submit Going Forward Cost Offer Price

A Scheduling Coordinator for a resource is not required to submit a specific going forward cost offer price for such resource under the process provided for in Section 43.7; however, except for an Exceptional Dispatch CPM designation, a Scheduling Coordinator that has not previously identified the going forward cost offer price for a resource must notify the CAISO of what that price is before any CAISO designation of that resource's capacity as CPM Capacity can become effective. In the case of an Exceptional Dispatch CPM designation on behalf of a resource that has not selected the supplemental revenues option, the CPM designation shall become effective notwithstanding the resource's failure to select compensation pursuant to Section 43.7.1 or to identify a going forward cost offer price pursuant to Section 43.7.2. In such a case, the CAISO shall use the compensation under Section 43.7.1 for both dispatch and compensation for the Exceptional Dispatch CPM Term. In the case of a Scheduling Coordinator that has not previously identified the going forward cost offer price for a resource, the cap on supplemental revenues under Section 39.10.4 will be calculated using the monthly capacity payment under Section 43.7.1.

43.7.2.1.1 Determination of Capacity Price

If the CAISO designates a resource that has proposed a CPM Capacity price above the fixed CPM Capacity price per kW-year in effect under Section 43.7.1, and the sales from the resource are under the jurisdiction of the FERC, the Scheduling Coordinator for the resource shall make a limited resource-specific filing before the FERC to determine the just and reasonable capacity price for the going forward

costs for the resource to be used in applying the CAISO's FERC jurisdictional monthly CPM Capacity Payment formula. If the sales from the resource are not under the jurisdiction of the FERC, the Scheduling Coordinator for the resource shall make a non-jurisdictional filing with the FERC to determine the just and reasonable capacity price for the going forward costs for the resource to be used in applying the CAISO's FERC-jurisdictional monthly CPM Capacity Payment formula.

43.7.2.1.2 Going Forward Cost

In making the cost justification filing with FERC for an CPM Capacity price above the fixed CPM Capacity price per kW-year under Section 43.7.1, the Scheduling Coordinator for the resource may not propose -- and shall not get paid -- an amount higher than the going forward cost offer price that it had previously proposed to the CAISO as its going forward cost offer price under Section 43.7 or this Section 43.7.2, either prior to or at the time of CPM designation.

Going forward costs for any resource-specific filing under this Section shall be calculated based on the following formula:

(fixed operation & maintenance costs, plus ad valorem taxes, plus administrative & general costs, plus ten (10) percent of the foregoing amounts),

provided such costs shall be converted to a fixed \$/kW-year amount.

43.7.2.2 Resource-Specific Monthly CPM Capacity Payment

Scheduling Coordinators representing resources receiving payment under Section 43.7.2 shall receive a monthly CPM Capacity Payment for each month of CPM designation equal to the product of the amount of their CPM Capacity, the relevant CPM Availability Factor for Forced Outages as determined in accordance with Appendix F, Schedule 6, a monthly shaping factor as set forth in Appendix F, Schedule 6, the resource-specific CPM Capacity price, as determined by FERC and the CPM Availability Percentage for Maintenance Outages, in accordance with the following formula:

(CPM Capacity MW) x (CPM Availability Factor for Forced Outages) x (1/12 monthly shaping factor) x (the resource-specific CPM Capacity price as determined by FERC) x CPM Availability Percentage for Maintenance Outages.

The CPM Availability Percentage for Maintenance Outages is equal to the ratio of: (1) the sum of the CPM Capacity MW for each hour of the month across all hours of the month, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Maintenance Outage or non-temperature-related ambient de-rate to (2) the product of CPM Capacity MW and the total hours in the month.

The foregoing formula shall apply to all CPM Capacity receiving monthly CPM Capacity Payments under Section 43.7.2 except for CPM Capacity designated to respond to an CPM Significant Event or Exceptional Dispatch CPM, in which case the monthly CPM Capacity Payment shall be based proportionately on the actual number of days the resource was designated as CPM Capacity during the month and available to the CAISO to the total number of days in the month.

Prior to the determination by FERC of the resource-specific going forward costs for CPM Capacity designated and paid pursuant to Section 43.7.2, the CAISO shall proceed as follows. For the period between the CAISO's designation and the FERC's determination, the CAISO shall utilize the fixed CPM Capacity price per kW-year in effect under Section 43.7.1 for purposes of the resource-specific monthly CPM Capacity Payment for financial Settlement. This amount shall be subject to surcharge based on the outcome of the FERC proceeding so that the resource will receive any higher actual resource-specific payment as determined by FERC for the full period of the CPM designation. Once approved by FERC, the CAISO shall apply the higher of the fixed CPM Capacity price per kW-year in effect under Section 43.7.1 or the resource-specific CPM Capacity price as determined by the FERC.

For purposes of CPM designations, except for designations for CPM Significant Events, the CPM Availability Factor for Forced Outages shall be calculated as the ratio of: (1) the sum of the CPM Capacity MW for each hour of the month across all hours of the month, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Forced Outage or temperature-related ambient de-rates, to (2) the product of CPM Capacity MW and the total hours in the month.

For purposes of CPM designations for CPM Significant Events, the CPM Availability Factor for Forced Outages shall be calculated as the ratio of: (1) the sum of the CPM Capacity MW for each hour across all hours of the month or part of the month for which a unit is designated, whichever is applicable, where the

actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available and is not on an authorized Outage, to (2) the product of CPM Capacity MW and the total hours in the month or part of the month for which a unit is designated, whichever is applicable.

For purposes of this Section 43.7.2, an authorized Outage shall be limited to a CAISO Approved Maintenance Outage.

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43.8 Allocation Of CPM Capacity Payment Costs

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43.8.4 LSE Shortage Of Demand Or Reserve Margin Requirement In Plan

If the CAISO makes CPM designations under Section 43.1.3, then the CAISO will allocate the total costs of the CPM Capacity Payments for such CPM designations (for the full term of those CPM designations) pro rata to each LSE based on the proportion of its deficiency to the aggregate deficiency.

* * *

43.8.6 Allocation Of Exceptional Dispatch CPMs

If the CAISO makes any Exceptional Dispatch CPM designations under Section 43.2.5, the CAISO shall allocate the costs of such designations to all Scheduling Coordinators for LSEs that serve Load in the TAC Area(s) in which the need for the Exceptional Dispatch CPM arose based on the percentage of actual Load of each LSE represented by the Scheduling Coordinator in the TAC Area(s) to total Load in the TAC Area(s) as recorded in the CAISO Settlement system for the actual days during any Settlement month period over which the designation has occurred.

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Appendix A Master Definitions Supplement

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- Capacity Procurement Mechanism (CPM)

The Capacity Procurement Mechanism, as set forth in Section 43.

* * *

- Eligible Capacity

Capacity of Generating Units, System Units, System Resources, or Participating Load that is not already under a contract to be a Resource Adequacy Resource, is not under an RMR Contract or is not currently designated as CPM Capacity that effectively resolves a procurement shortfall or reliability concern and thus is eligible to be designated under the ICPM in accordance with Section 43.1.

* * *

- Exceptional Dispatch CPM Non-System Reliability Need

The existence of a reliability issue where resolution depends on a resource in a specific geographic area within the CAISO Balancing Authority Area, which may include, but is not limited to, a local reliability area, zone, or region.

- Exceptional Dispatch CPM System Reliability Need

The existence of a reliability issue where resolution does not require a resource to be in a specific geographic area within the CAISO Balancing Authority Area, which may include, but is not limited to, a forced outage of a major transmission line or a forced outage at a large generating unit.

* * *

- Exceptional Dispatch Term

The term of each Exceptional Dispatch CPM designation, as determined pursuant to Section 43.3.6.

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Appendix F Rate Schedules

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**Schedule 6
CPM SCHEDULES**

Monthly CPM Capacity Payment

The monthly CPM Capacity Payment shall be calculated by multiplying the monthly shaping factor of 1/12 by the annual effective fixed CPM Capacity price per kW-year in accordance with Section 43.7.1, unless the Scheduling Coordinator for the CPM Capacity resource has agreed to another price that has been determined in accordance with Section 43.7.2.

Availability

The target availability for a resource designated under CPM is 95%. Incentives and penalties for availability above and below the target are as set forth in the table below, entitled "Availability Factor Table." The CAISO shall calculate availability on a monthly basis using actual availability data. The CPM Availability Factor for Forced Outages for each month shall be calculated using the following curve:

AVAILABILITY FACTOR TABLE

Availability

Availability	Capacity Payment Factor	CPM Availability Factor
100%	3.3%	1.139
99%	3.3%	1.106
98%	3.3%	1.073
97%	2.5%	1.040
96%	1.5%	1.015
95%	-	1.000
94%	-1.5%	.985
93%	-1.5%	.970
92%	-1.5%	.955
91%	-1.5%	.940
90%	-1.5%	.925
89-80%	-1.7%*	.908-.755
79-41%	-1.9%*	.736-.014
-40%	-	0.0

*The "Capacity Payment Factor" decreases by 1.7% and 1.9% respectively for every 1% decrease in availability.

The CPM Capacity Payment shall be adjusted upward from the 95% availability starting point by the positive percentages listed as the "Capacity Payment Factor" above, by multiplication by the amounts listed for each CPM Availability Factor above 95%, so that, for example, if a 97% availability is achieved for the month, then the CPM Capacity Payment for that month would be the monthly value for 95% plus an additional 4% (1.5% for the first percent availability above 95%, and 2.5% for the second percent availability above 95%), i.e., multiplication of the otherwise applicable CPM Capacity Payment by the CPM Availability Factor of 1.040. Reductions in the CPM Capacity Payment shall be made correspondingly according to the "Capacity Payment Factor" above for monthly availability levels falling short of the 95% availability starting point, by multiplication by the amounts listed for each CPM Availability Factor below 95%.

Attachment B - Marked Tariff

California Independent System Operator Corporation

Fifth Replacement FERC Electric Tariff

Capacity Procurement Mechanism - Offer of Settlement Compliance Filing

March 2, 2012

* * *

30.5.2.7 RUC Availability Bids

Scheduling Coordinators may submit RUC Availability Bids for specific Generating Units capacity that is not Resource Adequacy Capacity or CPM Capacity in the DAM. Scheduling Coordinators for Resource Adequacy Capacity or ~~CPM~~ Capacity must participate in RUC to the extent that such capacity is not reflected in an IFM Schedule but need not submit RUC Availability Bids. Resource Adequacy Capacity participating in RUC will be optimized using a zero dollar (\$0/MW-hour) RUC Availability Bid. For Multi-Stage Generating Resources, the RUC Availability Bids shall be submitted at the MSG Configuration. Capacity that does not have Bids for Supply of Energy in the IFM will not be eligible to participate in the RUC process. The RUC Availability Bid component is MW-quantity of non-Resource Adequacy Capacity in \$/MW per hour.

* * *

31.5.1.2 RUC Availability Bids

Scheduling Coordinators may only submit RUC Availability Bids for capacity (above the Minimum Load) for which they are also submitting an Energy Bid (other than a Virtual Bid) to participate in the IFM. Any available Resource Adequacy Capacity and ~~CPM~~ Capacity will be optimized at \$0/MW in RUC. For Multi-Stage Generating Resources that fail to submit a \$0/MW per hour for the Resource Adequacy Capacity, the CAISO will insert the \$0/MW per hour for the resource's Resource Adequacy Capacity at the MSG Configuration level up to the minimum of the Resource Adequacy Capacity or the PMax of the MSG Configuration. Scheduling Coordinators may submit non-zero RUC Availability Bids for the portion of a resource's capacity that is not Resource Adequacy Capacity or ~~CPM~~ Capacity.

* * *

43.1.1 Capacity Procurement Mechanism Expiration

The CPM as well as changes made to other Sections to implement the CPM shall expire at midnight on the last day of the forty-eighth month following the effective date of this Section. CPM designations in existence on the expiration date shall continue in effect and remain subject to the CPM, including the provisions concerning compensation, cost allocation and Settlement, until such time as the CPM resources have been finally compensated for their services rendered under the CPM prior to the

termination of the CPM, and the CAISO has finally allocated and recovered the costs associated with such CPM compensation.

* * *

43.2.5 Exceptional Dispatch ~~ICPM~~

Except as provided in Section 43.~~24~~.5.1, the CAISO shall designate as CPM Capacity to provide service on a prospective basis the capacity of a resource that responds to an Exceptional Dispatch if the Exceptional Dispatch is issued pursuant to Section 34.9.1, subsections (6), (9) or (10) of Section 34.9.2, or Section 34.9.3, unless the Exceptional Dispatch directs the curtailment or shut down of the resource.

43.2.5.1 Limitation on Eligibility for Exceptional Dispatch CPM Designation

The following capacity is not eligible to receive an Exceptional Dispatch ICPM designation under this Section 43.~~24~~.5.1:

- (1) RA Capacity, RMR Capacity, and ICPM Capacity; and
- (2) Capacity of a resource that is eligible to receive supplemental revenues under Section 39.10.3 during any month for which the resource has notified the CAISO under Section 39.10.3 that it chooses to receive supplemental revenues in lieu of an Exceptional Dispatch ICPM designation.

* * *

43.2.5.2.1 Exceptional Dispatch Commitments of Non RA, Non RMR and Non CPM Resources

If a resource does not have any self-schedule, market-based commitment, or RA, RMR or CPM Capacity and receives an Exceptional Dispatch ~~CPM~~ICPM designation under Section 43.2.5 following an Exceptional Dispatch eligible for a CPM~~an ICPM~~ designation, the CAISO shall designate as ~~CPM~~ICPM Capacity the greater of the resource's PMin or the quantity~~amount~~ of capacity needed from~~specified by~~ the resource to address the reliability issue as determined in an engineering assessment if available at that time. For designations made in the post-day ahead timeframe, the CAISO will make an initial determination of the quantity of Exceptional Dispatch CPM Capacity and will subsequently make a post-day ahead reliability assessment of the amount of capacity needed to address the reliability issue, as set forth in the Business Practice Manuals. If the post-day ahead reliability assessment shows that no

additional Exceptional Dispatch CPM Capacity is needed from the resource to address the reliability issue, the resource will be compensated based on the initial quantity of capacity designated. If the post-day ahead reliability assessment shows that additional Exceptional Dispatch CPM Capacity is needed from the resource to address the reliability issue, the CAISO will designate the incremental quantity of capacity, will treat the initial and incremental quantities of the Exceptional Dispatch CPM Capacity as a single designation effective as of the date of the initial designation, and will compensate the resource based on the sum of the initial and incremental quantities of the Exceptional Dispatch CPM Capacity for the term of the designation. Any incremental Exceptional Dispatch CPM Capacity designated under this section does not result in a new thirty (30) day term or sixty (60) -day term, as applicable.

43.2.5.2.2 Exceptional Dispatch of Partial RA, Partial CPM Unit, or Market Committed Resource

If a resource is a Partial Resource Adequacy Resource, has a ~~an~~ CPM designation of less than its entire capacity, has a Self Schedule or has a market based commitment, or has already received an Exceptional Dispatch ~~CPM~~ designation under Section 43.2.5, the CAISO shall designate as ~~CPM~~ Capacity the amount by which the quantity of capacity needed from the resource to address the reliability issue exceeds~~Exceptional Dispatch exceeded~~ the greater of –

- (1) the capacity that the resources must make available to the CAISO as the result of an RA Capacity or CPM Capacity obligation; if any; and
- (2) the sum of any Self-Schedule and any market-based commitment or dispatch of the resource.

43.2.5.2.3 Subsequent Exceptional Dispatch

If the CAISO, during the term of a resource's Exceptional Dispatch CPM designation, issues a subsequent~~an~~ Exceptional Dispatch to the resource that ~~exceeds~~requires Energy in excess of the sum of the resource's ~~CPM~~ Capacity and RA Capacity, the subsequent ~~CAISO will increase the capacity designated as~~ Exceptional Dispatch ~~CPM~~ Capacity shall by the amount equal ~~to~~ the difference between the quantity of capacity needed from the resource to address the reliability issue, as determined in an engineering assessment conducted as set forth in the Business Practice Manuals, Exceptional Dispatch and the sum of the resource's ~~CPM~~ Capacity and RA Capacity, but not to exceed the

resource's Eligible Capacity. The increase will be effective for the remainder of the initial term of the Exceptional Dispatch CPM Term~~CPM Designation~~ and retroactively to the beginning of the initial Exceptional Dispatch CPM Term~~30-day term~~ or the first day of the month in which the increase occurs, whichever is later. Any incremental Exceptional Dispatch issued within any Exceptional Dispatch CPM Term ~~30-day CPM term~~ does not result in a new 30-day term or 60-day term, as applicable.

* * *

43.2.5.2.4 Change in RA, RMR, or CPM Status

If a resource has an RA, RMR or CPM Capacity obligation that pre-existed the resource's Exceptional Dispatch CPM designation and, during the term of the resource's Exceptional Dispatch CPM designation, the amount of the resource's RA, RMR or CPM Capacity is reduced, the CAISO will increase the CPM designation by the amount, if any, necessary to ensure that the sum of Exceptional Dispatch CPM designation quantity and any remaining RA Capacity is not less than PMin. If capacity that receives an Exceptional Dispatch CPM~~CPM~~ designation becomes RA Capacity or receives a monthly CPM designation or Significant Event designation or receives an RMR Contract as of a certain date, then the Exceptional Dispatch CPM designation shall be reduced by the amount of the new RA Capacity, CPM Significant Event designation, or RMR Contract from that date through the rest of the 30-day term.

* * *

43.3.6 Term - Exceptional Dispatch CPM

The CAISO shall make an explicit determination for each initial Exceptional Dispatch CPM designation as to whether it was necessary to address an Exceptional Dispatch CPM System Reliability Need or an Exceptional Dispatch CPM Non-System Reliability Need. Exceptional Dispatch CPM Capacity designated under Section 43.2.5 for an Exceptional Dispatch CPM System Reliability Need shall have an Exceptional Dispatch CPM Term~~a term~~ of thirty (30) days. If the CAISO determines that the circumstances that led to the Exceptional Dispatch are likely to extend beyond the initial thirty (30) day period, the CAISO shall issue an Exceptional Dispatch CPM or other CPM designation for an additional thirty (30) days.

Exceptional Dispatch CPM Capacity designated under Section 43.2.5 for an Exceptional Dispatch CPM Non-System Reliability Need shall have an Exceptional Dispatch CPM Term of sixty (60) days. If the CAISO determines that the circumstances that led to the Exceptional Dispatch are likely to extend beyond the initial sixty (60) day period, the CAISO shall issue an Exceptional Dispatch CPM or other CPM designation for an additional sixty (60) days.

* * *

43.4 Selection Of Eligible Capacity Under The CPM

In accordance with Good Utility Practice, the CAISO shall make designations of Eligible Capacity as CPM Capacity under Section 43.1 by applying the following criteria in the order listed:

- (1) the effectiveness of the Eligible Capacity at meeting the designation criteria specified in Section 43.2;
- (2) the capacity costs associated with the Eligible Capacity;
- (3) the quantity of a resource's available Eligible Capacity, based on a resource's PMin, relative to the remaining amount of capacity needed;
- (4) the operating characteristics of the resource, such as dispatchability, Ramp Rate, and load-following capability;
- (5) whether the resource is subject to restrictions as a Use-Limited Resource; and
- (6) for designations under Section 43.2.3, the effectiveness of the Eligible Capacity in meeting local and/or zonal constraints or other CAISO system needs.

In applying these selection criteria, the goal of the CAISO is to designate lower cost resources that will be effective in meeting the reliability needs underlying the CPM designations. In making this determination, the CAISO will apply the first criterion to identify the effective Eligible Capacity by considering the effectiveness of the resources at meeting the designation criteria for the type of CPM to be issued and at resolving the underlying reliability need.⁵ The CAISO will apply the second criterion by considering the cost of the effective Eligible Capacity. The CAISO will endeavor to designate a resource at the CPM Capacity price determined in accordance with Section 43.6.1 before selecting a resource with a higher unit-specific CPM Capacity price specified under Section 43.6.2. The CAISO will endeavor to designate resources that have specified a capacity price before designating resources that have not specified a

CPM Capacity price under Section 43.6.2.1. The CAISO will apply the third criterion by considering the quantity of a resource's Eligible Capacity. The CAISO will endeavor to select a resource that has a PMin at or below the capacity that is needed to meet the reliability need before selecting a resource that has a PMin that would result in over-procurement. The CAISO will apply the fourth criterion by considering specific operating characteristics of a resource, such as dispatchability, ramp rate, and load-following capability to the extent that such characteristics are an important factor in resolving the reliability need. The CAISO will apply the fifth criterion by considering whether a resource is use-limited and whether that status may restrict its ability to be available to the CAISO in the Day-Ahead Market and Real-Time Market throughout the period for which it is being procured. To the extent that use-limited resources are capable of performing the required service for the duration of the CPM designation, the CAISO will not unduly discriminate in favor of non-Use Limited resources when applying the selection criteria. The ISO will apply the sixth criterion by considering the effectiveness of the Eligible Capacity to meet local and/or zonal constraints or other CAISO system needs for CPM designations under 43.2.3. If after applying these criteria, two or more resources that are eligible for designation equally satisfy these criteria, the CAISO shall utilize a random selection method to determine the designation between those resources. While the CAISO does not have to designate the full capability of a resource, the CAISO may designate under the CPM an amount of CPM Capacity from a resource that exceeds the amount of capacity identified to ensure compliance with the Reliability Criteria set forth in Section 40.3 due to the PMin or other operational requirements/limits of a resource that has available capacity to provide CPM service. The CAISO shall not designate the capacity of a resource for an amount of capacity that is less than the resource's PMin.

* * *

43.6.1 **!CPM Designation Market Notice**

The CAISO shall issue a Market Notice within two (2) Business Days of an CPM designation under Sections 43.2.1 through 43.2.6. CPM designations as a result of Exceptional Dispatches shall be subject to the reporting requirement set forth in Section 34.9.4. The Market Notice shall include a preliminary description of what caused the CPM designation, the name of the resource(s) procured, the preliminary expected duration of the CPM designation, the initial designation period, and an indication that a

designation report is being prepared in accordance with Section 43.6.2. For Exceptional Dispatch CPM designations, the market notice shall additionally indicate whether the designation was made to address an Exceptional Dispatch CPM System Reliability Need or an Exceptional Dispatch CPM Non-System Reliability Need, specify the quantity of the Exceptional Dispatch CPM capacity that was procured and the Exceptional Dispatch CPM Term, and identify the engineering assessment the CAISO used to determine the quantity of capacity needed from the resource to address the reliability issue.

43.6.2 Designation Of A Resource Under The ICPM

The CAISO shall post a designation report to the CAISO Website and provide a Market Notice of the availability of the report within the earlier of thirty (30) days of procuring a resource under Sections 43.2.1 through 43.2.6 or ten (10) days after the end of the month. The designation report shall include the following information:

- (1) A description of the reason for the designation (LSE procurement shortfall, Local Capacity Area Resource effectiveness deficiency, or CPM Significant Event), and an explanation of why it was necessary for the CAISO to utilize the CPM authority);
- (2) The following information would be reported for all backstop designations:
 - (a) the resource name;
 - (b) the amount of CPM Capacity designated (MW),
 - (c) an explanation of why that amount of CPM Capacity was designated,
 - (d) the date CPM Capacity was designated,
 - (e) the duration of the designation; and
 - (f) the price for the CPM procurement; and
- (3) If the reason for the designation is an CPM Significant Event, the CAISO will also include:
 - (a) a discussion of the event or events that have occurred, why the CAISO has procured CPM Capacity, and how much has been procured;
 - (b) an assessment of the expected duration of the CPM Significant Event;

- (c) the duration of the initial designation (thirty (30) days); and
- (d) a statement as to whether the initial designation has been extended (such that the backstop procurement is now for more than thirty (30) days), and, if it has been extended, the length of the extension.

(4) If the reason for the designation is Exceptional Dispatch CPM Capacity, the CAISO will also include additional information about the CAISO's determination of the quantity and term of the designation, which supplements the information included in the market notice issued pursuant to Section 43.6.1.

* * *

43.7 Payments To Resources Designated Under The ICPM

Scheduling Coordinators for Eligible Capacity may submit to the CAISO an intention to be paid a monthly CPM Capacity Payment under Section 43.7.1 or Section 43.7.2. Scheduling Coordinators for Eligible Capacity will be able to change their selections annually within thirty (30) days of a CAISO Market Notice seeking such payment preferences. To the extent a Scheduling Coordinator for Eligible Capacity does not submit a selection to be compensated in accordance with Section 43.7.1, the Scheduling Coordinator shall be deemed to have selected to be paid on a resource-specific basis pursuant to Section 43.7.2, for purposes of the CAISO's ICPM designation determinations.

43.7.1 Monthly CPM Capacity Payment

On February 16, 2012, the fixed CPM Capacity price of \$67.50/kW-year shall become effective and shall remain in effect for two (2) years. On February 16, 2014, the fixed CPM Capacity price shall increase by five (5) percent and the effective price shall be \$70.88/kW-year, which shall remain in effect for two (2) years until February 16, 2016.

43.7.1.1 Calculation of Monthly CPM Capacity Payment

Scheduling Coordinators representing resources receiving payment under ~~this~~ Section 43.67.1 shall receive a monthly CPM Capacity Payment for each month of CPM designation equal to the product of the amount of their CPM Capacity, the relevant CPM Availability Factor for Forced Outages, as determined in accordance with Appendix F, Schedule 6, a monthly shaping factor as set forth in Appendix F, Schedule 6, ~~the effective~~ fixed CPM Capacity price ~~per of \$55/~~ kW-year and the CPM Availability Percentage for

Maintenance Outages, so that the formula for determining the monthly CPM Capacity Payment would be as follows:

$$\text{(CPM Capacity MW)} \times \text{(CPM Availability Factor for Forced Outages)} \times \text{(1/12 monthly shaping factor)} \times \text{effective fixed CPM Capacity price per } (\$55/\text{kW-year}) \times \text{CPM Availability Percentage for Maintenance Outages.}$$

The CPM Availability Percentage for Maintenance Outages is equal to the ratio of: (1) the sum of the CPM Capacity MW for each hour of the month across all hours of the month, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Maintenance Outage or non-temperature-related ambient de-rates to (2) the product of CPM Capacity MW and the total hours in the month.

The foregoing formula shall apply to all CPM Capacity receiving monthly CPM Capacity Payments under this Section 43.7.1 except for CPM Capacity designated to respond to a CPM Significant Event or an Exceptional Dispatch CPM, in which case the monthly CPM Capacity Payment shall be based proportionately on the actual number of days the resource was designated as CPM Capacity during the month to the total number of days in the month.

For purposes of CPM designations, except for designations for CPM Significant Events and Exceptional Dispatch CPM, the CPM Availability Factor for Forced Outages shall be calculated as the ratio of: (1) the sum of the CPM Capacity MW for each hour of the month across all hours of the month, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Forced Outage or temperature-related ambient de-rate, to (2) the product of CPM Capacity MW and the total hours in the month.

For purposes of CPM designations for CPM Significant Events and Exceptional Dispatch CPM, the CPM Availability Factor for Forced Outages shall be calculated as the ratio of: (1) the sum of the CPM Capacity MW for each hour across all hours of the month or part of the month for which a unit is designated, whichever is applicable, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Forced Outage or temperature-related ambient de-rate, to (2) the product of CPM

Capacity MW and the total hours in the month or part of the month for which a unit is designated, whichever is applicable.

43.7.2 Resource-Specific CPM Capacity Payment

If a Scheduling Coordinator for Eligible Capacity believes that the ~~fixed \$55/kW-year~~ CPM Capacity price ~~per KW-year in effect~~ under Section 43.7.1 will not compensate a resource for its going forward costs, as calculated in accordance with the formula provided in Section 43.7.2.2, the Scheduling Coordinator may annually in accordance with Section 43.7, inform the CAISO of what proposed higher CPM Capacity price would compensate the resource for its going forward costs and which the Scheduling Coordinator is willing to have the CAISO use for purposes of the CPM designation process ("going forward cost offer price").

43.7.2.1 Failure to Submit Going Forward Cost Offer Price

A Scheduling Coordinator for a resource is not required to submit a specific going forward cost offer price for such resource under the process provided for in Section 43.7; however, except for an Exceptional Dispatch CPM designation, a Scheduling Coordinator that has not previously identified the going forward cost offer price for a resource must notify the CAISO of what that price is before any CAISO designation of that resource's capacity as CPM Capacity can become effective. In the case of an Exceptional Dispatch CPM designation on behalf of a resource that has not selected the supplemental revenues option, the CPM designation shall become effective notwithstanding the resource's failure to select compensation pursuant to Section 43.7.1 or to identify a going forward cost offer price pursuant to Section 43.7.2. In such a case, the CAISO shall use the compensation under Section 43.7.1 for both dispatch and compensation for the ~~Exceptional Dispatch CPM Term, 30-day term~~. In the case of a Scheduling Coordinator that has not previously identified the going forward cost offer price for a resource, the cap on supplemental revenues under Section 39.10.4 will be calculated using the monthly capacity payment under Section 43.7.1.

43.7.2.1.1 Determination of Capacity Price

If the CAISO designates a resource that has proposed ~~an~~ CPM Capacity price above the fixed CPM Capacity price per \$55/kW-year in effect under Section 43.7.1, and the sales from the resource are under the jurisdiction of the FERC, the Scheduling Coordinator for the resource shall make a limited resource-

specific filing before the FERC to determine the just and reasonable capacity price for the going forward costs for the resource to be used in applying the CAISO's FERC jurisdictional monthly CPM Capacity Payment formula. If the sales from the resource are not under the jurisdiction of the FERC, the Scheduling Coordinator for the resource shall make a non-jurisdictional filing with the FERC to determine the just and reasonable capacity price for the going forward costs for the resource to be used in applying the CAISO's FERC-jurisdictional monthly CPM Capacity Payment formula.

43.7.2.1.2 Going Forward Cost

In making the cost justification filing with FERC for an CPM Capacity price above the fixed CPM Capacity price per kW-year under Section 43.7.1~~\$55/kW-year~~, the Scheduling Coordinator for the resource may not propose -- and shall not get paid -- an amount higher than the going forward cost offer price that it had previously proposed to the CAISO as its going forward cost offer price under Section 43.7 or this Section 43.7.2, either prior to or at the time of CPM designation.

Going forward costs for any resource-specific filing under this Section shall be calculated based on the following formula:

(fixed operation & maintenance costs, plus ad valorem taxes, plus administrative & general costs, plus ten (10) percent ~~(10%)~~ of the foregoing amounts),

provided such costs shall be converted to a fixed \$/kW-year amount.

43.7.2.2 Resource-Specific Monthly CPM Capacity Payment

Scheduling Coordinators representing resources receiving payment under Section 43.7.2 shall receive a monthly CPM Capacity Payment for each month of CPM designation equal to the product of the amount of their CPM Capacity, the relevant CPM Availability Factor for Forced Outages as determined in accordance with Appendix F, Schedule 6, a monthly shaping factor as set forth in Appendix F, Schedule 6, the resource-specific CPM Capacity price, as determined by FERC and the CPM Availability Percentage for Maintenance Outages, in accordance with the following formula:

(CPM Capacity MW) x (CPM Availability Factor for Forced Outages) x (1/12 monthly shaping factor) x (the resource-specific CPM Capacity price as determined by FERC) x CPM Availability Percentage for Maintenance Outages.

The CPM Availability Percentage for Maintenance Outages is equal to the ratio of: (1) the sum of the CPM Capacity MW for each hour of the month across all hours of the month, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Maintenance Outage or non-temperature-related ambient de-rate to (2) the product of CPM Capacity MW and the total hours in the month.

The foregoing formula shall apply to all CPM Capacity receiving monthly CPM Capacity Payments under Section 43.7.2 except for CPM Capacity designated to respond to an CPM Significant Event or Exceptional Dispatch CPM, in which case the monthly CPM Capacity Payment shall be based proportionately on the actual number of days the resource was designated as CPM Capacity during the month and available to the CAISO to the total number of days in the month.

Prior to the determination by FERC of the resource-specific going forward costs for CPM Capacity designated and paid pursuant to Section 43.7.2, the CAISO shall proceed as follows. For the period between the CAISO's designation and the FERC's determination, the CAISO shall utilize the fixed CPM Capacity price per \$55/kW-year in effect under Section 43.7.1 ~~rate~~ for purposes of the resource-specific monthly CPM Capacity Payment for financial Settlement. This amount shall be subject to surcharge based on the outcome of the FERC proceeding so that the resource will receive any higher actual resource-specific payment as determined by FERC for the full period of the CPM designation. Once approved by FERC, the CAISO shall apply the higher of the fixed CPM Capacity price per kW-year in effect under Section 43.7.1 ~~\$55/kW-year~~ or the resource-specific CPM Capacity price as determined by the FERC.

For purposes of CPM designations, except for designations for CPM Significant Events, the CPM Availability Factor for Forced Outages shall be calculated as the ratio of: (1) the sum of the CPM Capacity MW for each hour of the month across all hours of the month, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available due to a Forced Outage or temperature-related ambient de-rates, to (2) the product of CPM Capacity MW and the total hours in the month.

For purposes of CPM designations for CPM Significant Events, the CPM Availability Factor for Forced Outages shall be calculated as the ratio of: (1) the sum of the CPM Capacity MW for each hour across all

hours of the month or part of the month for which a unit is designated, whichever is applicable, where the actual capacity MW available to the CAISO, if less than the CPM Capacity MW, shall be substituted for CPM Capacity MW for each hour the resource is not available and is not on an authorized Outage, to (2) the product of CPM Capacity MW and the total hours in the month or part of the month for which a unit is designated, whichever is applicable.

For purposes of this Section 43.7.2, an authorized Outage shall be limited to a CAISO Approved Maintenance Outage.

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43.8 Allocation Of ~~!~~CPM Capacity Payment Costs

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43.8.4 LSE Shortage Of Demand Or Reserve Margin Requirement In Plan

If the CAISO makes CPM designations under Section 43.1.3, then the CAISO will allocate the total costs of the CPM Capacity Payments for such ~~!~~CPM designations (for the full term of those CPM designations) pro rata to each LSE based on the proportion of its deficiency to the aggregate deficiency.

* * *

43.8.6 Allocation Of Exceptional Dispatch CPMs

If the CAISO makes any Exceptional Dispatch ~~CPM~~~~CPM~~ designations under Section 43.2.5, the CAISO shall allocate the costs of such designations to all Scheduling Coordinators for LSEs that serve Load in the TAC Area(s) in which the need for the Exceptional Dispatch CPM arose based on the percentage of actual Load of each LSE represented by the Scheduling Coordinator in the TAC Area(s) to total Load in the TAC Area(s) as recorded in the CAISO Settlement system for the actual days during any Settlement month period over which the designation has occurred.

* * *

Appendix A Master Definitions Supplement

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- Capacity Procurement Mechanism (~~!~~CPM)

The Capacity Procurement Mechanism, as set forth in Section 43.

* * *

- Eligible Capacity

Capacity of Generating Units, System Units, System Resources, or Participating Load that is not already under a contract to be a Resource Adequacy Resource, is not under an RMR Contract or is not currently designated as ICPM Capacity that effectively resolves a procurement shortfall or reliability concern and thus is eligible to be designated under the ICPM in accordance with Section 43.1.

* * *

- Exceptional Dispatch CPM Non-System Reliability Need

The existence of a reliability issue where resolution depends on a resource in a specific geographic area within the CAISO Balancing Authority Area, which may include, but is not limited to, a local reliability area, zone, or region.

- Exceptional Dispatch CPM System Reliability Need

The existence of a reliability issue where resolution does not require a resource to be in a specific geographic area within the CAISO Balancing Authority Area, which may include, but is not limited to, a forced outage of a major transmission line or a forced outage at a large generating unit.

* * *

- Exceptional Dispatch Term

The term of each Exceptional Dispatch CPM designation, as determined pursuant to Section 43.3.6.

* * *

Appendix F Rate Schedules

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Schedule 6 CPM SCHEDULES

Monthly CPM Capacity Payment

The monthly CPM Capacity Payment shall be calculated by multiplying the monthly shaping factor of 1/12 by the annual effective fixed CPM Capacity price per of \$55/kW-year in accordance with Section 43.7.1, unless the Scheduling Coordinator for the CPM Capacity resource has agreed to another price that has been determined in accordance with Section 43.7.2.

Availability

The target availability for a resource designated under CPM is 95%. Incentives and penalties for availability above and below the target are as set forth in the table below, entitled "Availability Factor Table." The CAISO shall calculate availability on a monthly basis using actual availability data. The CPM Availability Factor for Forced Outages for each month shall be calculated using the following curve:

AVAILABILITY FACTOR TABLE

Availability

Availability	Capacity Payment Factor	CPM Availability Factor
100%	3.3%	1.139
99%	3.3%	1.106
98%	3.3%	1.073
97%	2.5%	1.040
96%	1.5%	1.015
95%	-	1.000
94%	-1.5%	.985
93%	-1.5%	.970
92%	-1.5%	.955
91%	-1.5%	.940
90%	-1.5%	.925
89-80%	-1.7%*	.908-.755
79-41%	-1.9%*	.736-.014
-40%	-	0.0

*The "Capacity Payment Factor" decreases by 1.7% and 1.9% respectively for every 1% decrease in availability.

The CPM Capacity Payment shall be adjusted upward from the 95% availability starting point by the positive percentages listed as the "Capacity Payment Factor" above, by multiplication by the amounts listed for each CPM Availability Factor above 95%, so that, for example, if a 97% availability is achieved for the month, then the CPM Capacity Payment for that month would be the monthly value for 95% plus an additional 4% (1.5% for the first percent availability above 95%, and 2.5% for the second percent availability above 95%), i.e., multiplication of the otherwise applicable CPM Capacity Payment by the CPM Availability Factor of 1.040. Reductions in the CPM Capacity Payment shall be made correspondingly according to the "Capacity Payment Factor" above for monthly availability levels falling short of the 95% availability starting point, by multiplication by the amounts listed for each CPM Availability Factor below 95%.