

September 8, 2009

**VIA ELECTRONIC FILING**

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

**Re: California Independent System Operator Corporation,  
Docket No. ER06-615-\_\_\_\_  
Informational Filing of Negotiated Default Energy Bids  
Request for Privileged Treatment Under 18 C.F.R Section 388.112**

Dear Secretary Bose:

Pursuant to Paragraph 1057 of the Federal Energy Regulatory Commission's ("FERC" or "Commission") September 21, 2006 order in Docket Nos. ER06-615-000, *et al.*<sup>1</sup> and Section 39.7.1.3.2 of its FERC Electric Tariff, the California Independent System Operator Corporation ("ISO") respectfully submits for filing an informational filing containing the formulas used to calculate Default Energy Bids ("DEB") under the Negotiated Rate Option for certain suppliers participating in the ISO's markets for the month of August, 2009 and going forward. As explained in greater detail below, the ISO is seeking privileged treatment of the attached formulas pursuant to 18 C.F.R. Section 388.112 because the ISO is obligated to keep bid data confidential under its tariff.

**I. BACKGROUND**

Under its market power mitigation procedures, the ISO calculates Default Energy Bids for all Generating Units and Participating Loads pursuant to one of three methodologies, at the election of the Scheduling Coordinators representing such resources: (1) the Variable Cost Option, under which the DEB is determined by adding the incremental fuel costs and variable operation and maintenance ("O&M") costs, along with a 10% Bid Adder; (2) the LMP Option, under which the DEB is set at the weighted average of the lowest quartile of locational marginal prices ("LMPs") at the Generating Unit PNode in periods when the unit was dispatched during the preceding 90 days; and (3) the Negotiated Rate Option, under which the DEB is derived through consultation between the Scheduling Coordinator and the ISO or an independent entity selected by the ISO. If a Scheduling Coordinator does not elect to use any of these three options or the ISO can not obtain sufficient data to calculate a DEB using one of these three options, then the ISO may establish a temporary DEB based on certain types of data as provided in tariff Section 39.7.1.5.

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<sup>1</sup> 116 FERC ¶ 61,274 (2006) ("September 2006 Order").

In the September 2006 Order, the Commission approved the ISO's proposal to provide the Negotiated Rate Option for calculating DEBs, finding that it provided market participants with greater flexibility to recover their variable operating costs when their market bids were subject to local market power mitigation. The Commission also directed the ISO to include in its tariff language a requirement to file these DEBs in an informational filing with the Commission. The ISO complied with this directive by adding to its tariff Section 39.7.1.3.2, which states that the ISO shall make an informational filing with FERC of any DEBs calculated pursuant to the Negotiated Rate Option, or any temporary DEBs, no later than seven (7) days after the end of the month in which the DEBs were established.

## II. INFORMATIONAL FILING

In accordance with Section 39.7.1.3.2, this filing contains the formulas for the DEB for a unit that elected the Negotiated Rate Option that were developed by Potomac Economics, the independent entity selected by the ISO to consult with Scheduling Coordinators in calculating this DEB, for use during the month of August 2009 and going forward.<sup>2</sup>

The approach taken by Potomac Economics in developing this Negotiated Rate DEB was to calculate the DEB using formulas that varied based on resource type: (1) gas-fired, (2) pumped storage, (3) geothermal, (4) use-limited hydroelectric and (5) other use-limited resources. Depending on the resource type, different inputs for the formulas were utilized:

- Gas-Fired: For gas-fired generation, Potomac implemented a methodology similar to the one for calculating DEBs under the Variable Cost Option, with slight modifications that allow input values to vary from tariff defaults for such things as O&M values and locational fuel codes. This methodology also enables the modeling of multiple unit configurations (including dual-fueled resources) and emissions-limited opportunity cost calculations.
- Geothermal: For geothermal units, Potomac calculated the negotiated DEBs by determining variable operating expenses including fuel and O&M costs (e.g. steam replacement costs and royalty payments per unit of output to land owners).
- Pumped Storage: For economic pumped storage resources,<sup>3</sup> Potomac calculated negotiated DEBs based on a peaking proxy price from the daily natural gas index and pumped storage efficiency factors.
- Use-Limited Hydroelectric: Potomac calculated negotiated DEBs for use-limited hydroelectric resources based upon projected physical availability and generation over the water year, month, or hydro season.

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<sup>2</sup> The DEBs included in this filing were created in February 2009 but were not established until August.

<sup>3</sup> Less than 50 percent efficient pumped storage resources were modeled as use-limited hydroelectric resources according to their specific downstream water requirements.

- Other Use-Limited: For other use-limited resources, negotiated DEBs were based on opportunity costs which were determined by maximizing the potential value of generation over the term of the energy limitation. In the event that an energy-limited resource also has variable operating expenses, the higher of the variable operating expenses and opportunity cost sources was used to establish the negotiated DEB.

After calculating the DEB, Potomac Economics provided the formula documents to the Scheduling Coordinator for that unit and discussed with the Scheduling Coordinator whether that DEBs was appropriate. The Scheduling Coordinator agreed that the enclosed formulas are appropriate.

The enclosed documents set forth the methodology used to calculate the specific negotiated DEB for the applicable unit for the month of August 2009, and will be used to calculate future month DEBs for that unit, with the understanding that modifications can be made if the ISO, Potomac Economics, and the individual Scheduling Coordinator agree that revisions are necessary. Moreover, additional formulas will be developed if other units opt to use the Negotiated Rate Option for determining their DEBs. The ISO will file any revisions and new formulas with the Commission on the timeline provided in Section 39.7.1.3.2.<sup>4</sup> However, the ISO does not believe it necessary to re-file every month those formulas that have not changed, and therefore does not plan to do so. Also, the ISO submits that providing the Commission with these formulas satisfies the Section 39.7.1.3.2 filing requirement, and that it is not necessary to file the individual numerical bids. Moreover, as with the Variable Cost Option and LMP-based option, the negotiated DEBs have dynamic components that result in dynamic DEBs that can vary on a daily basis. Therefore, it is not possible to file the actual DEBs.

In addition, the methodologies summarized above, contain an appropriate level of detail to provide a reasonable level of transparency to Market Participants and provide a level of detail reasonably comparable to the methodologies set forth in the tariff for calculating DEBs under the other options. Finally, not only is there no requirement that the ISO file the individual DEBs calculated under the other options, as discussed below, Bids are deemed confidential under the ISO Tariff. It therefore follows that the ISO should not be required to file the individual negotiated DEBs.

### **III. REQUEST FOR CONFIDENTIAL TREATMENT**

Section 20.2 of the ISO Tariff requires that the ISO treat individual bids from Scheduling Coordinators as confidential. Pursuant to this Section, the ISO has labeled the Negotiated DEB formula documents included with this filing as confidential because, although they do not contain specific numeric bids, the methodologies set forth in these documents can be used to determine the bids that the ISO will use for these units when

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<sup>4</sup> Also, to the extent that a negotiated DEB is terminated prior to the end of an agreed-upon term, the ISO will notify the Commission of such in accordance with the timeline in Section 39.7.1.3.2.



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## **VII. CONCLUSION**

For the reasons set forth above, the ISO respectfully requests that the Commission accept this information filing and accord the attachment to this filing confidential treatment under Section 388.112.

*/s/ Michael Kunselman* \_\_\_\_\_

Sidney M. Davies  
Assistant General Counsel  
California Independent System  
Operator Corporation  
151 Blue Ravine Road  
Folsom, CA 95630  
Tel: (916) 351-4400

Michael Kunselman  
Alston & Bird LLP  
The Atlantic Building  
950 F Street NW  
Washington, DC 20004  
Tel: (202) 756-3300

## **CERTIFICATE OF SERVICE**

I hereby certify that I have served the foregoing document upon the parties listed on the official service list in the above-referenced proceeding, 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 Washington, D.C. this 8<sup>th</sup> day of September, 2009.

/s/ Daniel Klein  
Daniel Klein