

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to Integrate and Refine Procurement Policies and Consider Long-Term Procurement Plans

Rulemaking 13-12-010
Filed December 19, 2013

**MOTION OF THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR
CORPORATION FOR ENTRY OF ITS PHASE 1A TESTIMONY**

Pursuant to the Administrative Law Judge's (ALJ's) March 25, 2015 Ruling Discontinuing Phase 1A and Setting Forth Issues for Phase 1B and Rules 11.1 and 13.4 of the Rules of Practice and Procedure of the California Public Utilities Commission, the California Independent System Operator Corporation (CAISO) respectfully moves for entry of the following exhibits:

- CAISO Exhibit 1, *Phase I.A. Direct Testimony of Dr. Karl Meeusen on Behalf of the California Independent System Operator Corporation* (served August 13, 2014);
- CAISO Exhibit 2, *Phase I.A. Direct Testimony of Dr. Shucheng Liu on Behalf of the California Independent System Operator Corporation* (served August 13, 2014);
- CAISO Exhibit 3, *Phase I.A. Reply Testimony of Dr. Karl Meeusen on Behalf of the California Independent System Operator Corporation* (served on October 22, 2014);
- CAISO Exhibit 4, *Phase I.A. Reply Testimony of Dr. Shucheng Liu on Behalf of the California Independent System Operator Corporation* (served on October 22, 2014);
- CAISO Exhibit 5, *Phase I.A. Stochastic Study Testimony of Dr. Karl Meeusen on Behalf of the California Independent System Operator Corporation* (served on November 20, 2014); and
- CAISO Exhibit 6, *Phase I.A. Stochastic Study Testimony of Dr. Shucheng Liu on Behalf of the California Independent System Operator Corporation* (including

Appendix A, *The CAISO Stochastic Production Simulation Model & Results* and Appendix B, *Probability Fundamentals & Models in Generation & Bulk System Reliability Evaluation*; Roy Billinton, Power System Research Group served on November 20, 2014).

The California Independent System Operator moves for entry of these exhibits into the record.

Respectfully submitted,

By: /s/ Jordan Pinjuv

Roger E. Collanton

General Counsel

Anthony Ivancovich

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Dated: April 3, 2015

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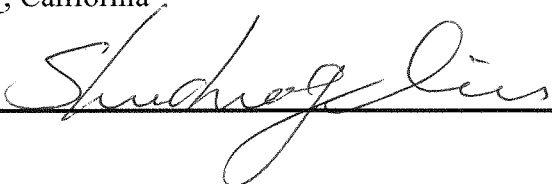
DECLARATION OF SHUCHENG LIU IN SUPPORT OF MOTION OF THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR FOR ENTRY OF ITS PHASE 1A TESTIMONY

I, Dr. Shucheng Liu, declare:

1. I am a Principal, Market Development, at the California Independent System Operator Corporation (CAISO);
2. CAISO Exhibit 2, the *Phase I.A. Direct Testimony of Dr. Shucheng Liu on Behalf of the California Independent System Operator Corporation* served August 13, 2014, was prepared by me or under my supervision.
3. CAISO Exhibit 4, the *Phase I.A. Rebuttal Testimony of Dr. Shucheng Liu on Behalf of the California Independent System Operator Corporation* served October 22, 2014, was prepared by me or under my supervision.
4. CAISO Exhibit 6, the *Phase I.A. Stochastic Study Testimony of Dr. Shucheng Liu on Behalf of the California Independent System Operator Corporation* served November 20, 2014, was prepared by me or under my supervision.
5. The information contained in CAISO Exhibits 2, 4 and 6 is true and correct to the best of my knowledge.
6. To the extent the information in CAISO Exhibits 2, 4 and 6 represents my professional judgment, it represents my best professional judgment;
7. I have no additions to CAISO Exhibits 2, 4 or 6.
8. If I were asked the same questions regarding this information today, I would provide the same information.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on April 3, 2015 in Folsom, California.



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**DECLARATION OF KARL MEEUSEN IN SUPPORT OF MOTION OF THE
CALIFORNIA INDEPENDENT SYSTEM OPERATOR FOR ENTRY OF ITS PHASE 1A
TESTIMONY**

I, Dr. Karl Meeusen, declare:

1. I am the Market Design and Regulatory Policy Lead at the California Independent System Operator Corporation (CAISO);
2. CAISO Exhibit 1, the *Phase I.A. Direct Testimony of Dr. Karl Meeusen on Behalf of the California Independent System Operator Corporation* served August 13, 2014, was prepared by me or under my supervision.
3. CAISO Exhibit 3, the *Phase I.A. Rebuttal Testimony of Dr. Karl Meeusen on Behalf of the California Independent System Operator Corporation* served October 22, 2014, was prepared by me or under my supervision.
4. CAISO Exhibit 5, the *Phase I.A. Stochastic Study Testimony of Dr. Karl Meeusen on Behalf of the California Independent System Operator Corporation* served November 20, 2014, was prepared by me or under my supervision.
5. The information contained in CAISO Exhibits 1, 3 and 5 is true and correct to the best of my knowledge.
6. To the extent the information in CAISO Exhibits 1, 3 and 5 represents my professional judgment, it represents my best professional judgment;
7. I have no additions to CAISO Exhibits 1, 3 and 5.
8. If I were asked the same questions regarding this information today, I would provide the same information.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on April 3, 2015 in Folsom, California



Karl Meeusen