

0.24



RESOLUTION NO. 025 116

BOARD LETTER APPROVAL

- POWER SYSTEM
- WATER SYSTEM
- COO
- CFO
- LEGAL

Release Date Jan 13, 2025


David Hanson (Nov 22, 2024 12:25 PST)

DAVID W. HANSON
Senior Assistant General Manager
Power System



JANISSE QUIÑONES
Chief Executive Officer and Chief Engineer

DATE: November 22, 2024

SUBJECT: California Independent System Operator Extended Day-Ahead Market Entity Implementation Agreement, DWP No. 024-122

SUMMARY

The Power System requests approval of the attached Resolution recommending the California Independent System Operator (CAISO) Extended Day-Ahead Market (EDAM) Entity Implementation Agreement with LADWP, DWP No. 024-122 (Agreement). This will allow on-boarding activities required by CAISO to commence, including the development of full network market models, configuration of software systems, market simulations, and parallel operation to prepare LADWP for participation with a target date of May 1, 2027, entry into EDAM, which may be extended up to five years from the effective date of the Agreement. The projected expiration date is April 30, 2032.

CAISO, with approval from the Federal Energy Regulatory Commission, has established EDAM through an extensive and inclusive stakeholder process. Numerous Western Energy Imbalance Market (WEIM) entities, including LADWP, participated in the process. EDAM builds on the success of WEIM, providing additional benefits to its participants while increasing regional coordination, supporting state policy goals, and meeting electricity demands more efficiently.

LADWP estimates a potential increase in net revenue of \$20 million to \$59 million per year for its ratepayers. The majority of the projected increased revenue is expected to result from savings in adjusted production costs and enhanced EDAM transmission-related congestion transfers.

Participation in EDAM is voluntary and is within LADWP's sole discretion.

City Council approval is not required.

RECOMMENDATION

It is requested that the Board of Water and Power Commissioners (Board) adopt the attached Resolution recommending approval of the Agreement.

ALTERNATIVES CONSIDERED

There are no alternatives if LADWP desires to participate as an EDAM entity.

FINANCIAL INFORMATION

The Agreement reflects payments to CAISO of approximately \$3,000,000; however, since the cost may exceed the estimate, a 10 percent contingency is added for a total of \$3,300,000. All payments to CAISO are subject to review and approval by LADWP. The table in Exhibit A shows the estimated payment schedule. The payments cover costs incurred by CAISO in working directly with LADWP in completing each milestone.

Payments outlined in Exhibit A will be disbursed based on incremental deposits to CAISO and any difference between the deposit made toward the implementation of LADWP into EDAM and associated administrative costs, and the actual cost of the implementation of LADWP shall be paid by or refunded to LADWP in accordance with the Agreement with the understanding that the amounts are subject to change.

BACKGROUND

In 2017, per Resolution No. 017 190, the Board and Los Angeles City Council approved the WEIM Implementation Agreement (LADWP No. BP 17-001) with CAISO. LADWP as a Balancing Authority (BA) later joined the WEIM in April 2021.

WEIM is a regional operating model by which BAs in the western states can voluntarily participate in CAISO's five-minute real-time wholesale energy market. WEIM's advanced market systems automatically find the lowest cost energy to serve real-time customer demand across a wide geographic area. LADWP, at all times, maintains control over its assets and remains responsible for balancing load with generation and all other BA requirements while sharing and optimizing resources with other WEIM participants.

Since its launch in 2014, WEIM has grown to 22 participating western BAs and has produced more than \$5.85 billion in benefits to its participants through July 2024.

EDAM builds upon the proven success of the WEIM by optimizing resource commitment and scheduling supply in the more extensive day-ahead timeframe. EDAM will help to further integrate renewable resources and address increasing operational challenges presented by a rapidly changing resource mix, emerging technologies, and the impacts of climate change efficiently and effectively.

In the course of performing its due diligence to best assess the effects and results of LADWP's participation in the EDAM, LADWP participated in an EDAM study which produced a footprint-wide benefit estimate for all participants collectively as well as an LADWP-specific estimate of benefits. Moreover, LADWP independently validated the results of a commissioned EDAM cost-benefit study.

ENVIRONMENTAL DETERMINATION

Determine item is exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15060(c)(3). In accordance with this section, an activity is not subject to CEQA if it does not meet the definition of a project. Section 15378(b)(5) states that organizational or administrative activities that will not result in direct or indirect physical changes in the environment do not meet that definition. As such, participation in the CAISO EDAM stakeholder process is not subject to CEQA.

CITY ATTORNEY

The Office of the City Attorney reviewed and approved the Resolution and Agreement as to form and legality.

ATTACHMENTS

- Resolution
- Agreement
- Exhibit A – Payment Schedule

WHEREAS, the Los Angeles Department of Water and Power (LADWP), a neighboring balancing authority area to the California Independent System Operator (CAISO), a California non-profit public benefit corporation, desires to participate and has been an active stakeholder in the development of CAISO's Extended Day-Ahead Market (EDAM); and

WHEREAS, the EDAM is a voluntary day-ahead electricity market designed to deliver significant economic, environmental, and reliability benefits to balancing authority areas and utilities throughout the Western Interconnection (West), which builds on the success and benefits of CAISO's Western Energy Imbalance Market (WEIM); and

WHEREAS, on March 21, 2017, per Resolution 017 190, the Board of Water and Power Commissioners (Board) approved LADWP taking first steps toward voluntary participation in the WEIM and LADWP has been a voluntary participant of WEIM since officially joining on April 1, 2021; and

WHEREAS, on February 13, 2024, per Resolution 024 122, the Board approved LADWP taking first steps toward voluntary participation in the EDAM; and

WHEREAS, WEIM now includes 22 entities making up nearly 80 percent of the demand for electricity in the West with over \$5.85 billion (through July 2024) in gross benefits and avoided costs, per CAISO, since market inception; and

WHEREAS, since its April 1, 2021, entry into WEIM, LADWP's estimated net benefits exceed \$123 million (through July 2024); and

WHEREAS, WEIM benefits have resulted in better integration of renewable energy, reduction of greenhouse gas emissions, and cost savings through more economical dispatches, which benefits are anticipated to increase in EDAM; and

WHEREAS, LADWP believes it is in its best interest to pursue participation in EDAM, building on the success of WEIM and preserving its benefits, in conjunction with additional, substantial anticipated EDAM benefits, providing more reliability, environmental benefits, and additional potential net revenues ranging from \$20 million to \$59 million per year; and

WHEREAS, CAISO submitted its EDAM tariff filing to the Federal Energy Regulatory Commission (FERC) on August 22, 2023, and FERC accepted CAISO's tariff changes on December 20, 2023, and subsequent tariff revisions on June 12, 2024, enabling CAISO to move forward with launching a fully operational EDAM by 2026; and

WHEREAS, to move forward in the process of becoming a voluntary participating EDAM entity, LADWP needs to enter into an EDAM Entity Implementation Agreement with CAISO, DWP No. 024-122 (Agreement); and

WHEREAS, the Agreement establishes the terms and conditions to integrate LADWP's electric system into the CAISO EDAM as a participating EDAM entity; and

WHEREAS having LADWP in the Day-Ahead Market as an EDAM entity requires the CAISO to incur costs to set up its business and software systems on behalf of LADWP; and

WHEREAS, the timeline for the implementation process is estimated to take a minimum of 30 months, with a target of May 1, 2027 entry into EDAM, which date may be extended up to five years from effective date of the Agreement; and

WHEREAS, this Agreement shall terminate upon the completion of the implementation process or at the request of either or both parties, unless either party seeks to terminate it earlier in accordance with the terms of the Agreement; and

WHEREAS, the initial estimated implementation cost to LADWP is approximately \$3.3 million including a ten percent contingency, that will be disbursed based on incremental deposits to CAISO pursuant to the Agreement and the CAISO tariff; and

WHEREAS, any difference between the deposits made toward the implementation of LADWP into EDAM and associated administrative costs, and the actual cost of the implementation of LADWP shall be paid by or refunded to LADWP in accordance with the Agreement.

NOW, THEREFORE, BE IT RESOLVED that the Agreement by and between LADWP and CAISO, now on file with the Secretary of the Board and approved as to form and legality by the City Attorney, be and the same is hereby approved.

BE IT FURTHER RESOLVED that the Chief Accounting Employee of LADWP upon proper certification is authorized and directed to draw demands on the Power Revenue Fund, over the term of the Agreement, in payment of the obligations incurred by the Agreement.

BE IT FURTHER RESOLVED that the President or Vice President, the General Manager, or such person as the General Manager shall designate in writing, and the Secretary, Assistant Secretary, or the Acting Secretary of the Board are hereby authorized and directed to execute the Agreement for and on behalf of LADWP.

I HEREBY CERTIFY that the foregoing is a full, true, and correct copy of the resolution adopted by the Board of Water and Power Commissioners of the City of Los Angeles at its meeting held Dec 10, 2024

APPROVED AS TO FORM AND LEGALITY
HYDEE FELDSTEIN SOTO, CITY ATTORNEY

OCT 23 2024
BY _____
VAUGHN MINASSIAN
DEPUTY CITY ATTORNEY

Shantia Mitchell

Secretary

**CALIFORNIA INDEPENDENT SYSTEM
OPERATOR CORPORATION**

AND

**THE CITY OF LOS ANGELES,
ACTING BY AND THROUGH THE
DEPARTMENT OF WATER AND POWER**

EDAM ENTITY IMPLEMENTATION

**AGREEMENT
DWP No. 024-122**

THIS EXTENDED DAY-AHEAD MARKET ENTITY IMPLEMENTATION AGREEMENT

("Agreement") is established this ____ day of _____, _____, and is accepted by and between:

- (1) **The City of Los Angeles, acting by and through the Department of Water and Power** ("EDAM Entity") having its registered and principal executive office at 111 North Hope Street, Los Angeles, CA, 90012,

and

- (2) California Independent System Operator Corporation, a California nonprofit public benefit corporation having a principal executive office located at such place in the State of California as the CAISO Governing Board may from time to time designate, ("CAISO").

The EDAM Entity and the CAISO each are hereinafter referred to as the "Parties."

Whereas:

- A. The CAISO operates the Day-Ahead Market pursuant to the CAISO Tariff, and will extend the Day-Ahead Market to an EIM Entity that executes and performs in accordance with an EDAM Entity Implementation Agreement.
- B. LADWP is an EIM Entity, and an exempt entity as described in section 201(f) of the Federal Power Act, 16, U.S.C. 824(f) and this Agreement does not extend the Federal Energy Regulatory Commission's jurisdiction over the EIM Entity, or is in a concurrent implementation process to become an EIM Entity, and has requested to participate in the CAISO's Day-Ahead Market as an EDAM Entity.
- C. The Parties acknowledge that the rules and procedures governing participation in the CAISO's Day-Ahead Market as an EDAM Entity are set forth in the provisions of the CAISO Tariff as filed with the Federal Energy Regulatory Commission ("FERC") and that implementation as an EDAM Entity requires corresponding revisions to LADWP's Open Access Transmission Tariff/retail distribution tariff and the execution of associated service agreements;
- D. Implementation of participation by LADWP in the CAISO's Day-Ahead Market as an EDAM Entity requires the CAISO to incur costs to set up its business and software systems on behalf of LADWP.
- E. LADWP has requested the CAISO to conduct or cause to be performed work to implement City of Los Angeles, Department of Water and Power as an EDAM Entity into the CAISO systems, and LADWP will reimburse the CAISO for the actual costs incurred.

- F. The Parties are entering into this Agreement to set forth the terms upon which the CAISO will timely configure its systems to incorporate LADWP as an EDAM Entity on or before **May 1, 2027** and no later than 5 years from the effective date of this Agreement. ("EDAM Entity Implementation Date").

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the Parties agree as follows:

ARTICLE I DEFINITIONS AND INTERPRETATION

- 1.1 Master Definitions Supplement.** All terms and expressions used in this Agreement shall have the same meaning as those contained in the Master Definitions Supplement to the CAISO Tariff.
- 1.2 Rules of Interpretation.** The following rules of interpretation and conventions shall apply to this Agreement:
- (a) if there is any inconsistency between this Agreement and the CAISO Tariff, the CAISO Tariff will prevail to the extent of the inconsistency;
 - (b) the singular shall include the plural and vice versa;
 - (c) the masculine shall include the feminine and neutral and vice versa;
 - (d) "includes" or "including" shall mean "including without limitation";
 - (e) references to a Section, Article or Schedule shall mean a Section, Article or a Schedule of this Agreement, as the case may be, unless the context otherwise requires;
 - (f) a reference to a given agreement 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;
 - (g) unless the context otherwise requires, references to any law shall be deemed references to such law as it may be amended, replaced or restated from time to time;
 - (h) unless the context otherwise requires, any reference to a "person" includes any individual, partnership, firm, company, corporation, joint venture, trust, association, organization or other entity, in each case

whether or not having separate legal personality;

- (i) unless the context otherwise requires, any reference to a Party includes a reference to its permitted successors and assigns;
- (j) any reference to a day, week, month or year is to a calendar day, week, month or year;
- (k) unless the context requires otherwise, “or” is used in the conjunctive sense; and
- (l) the captions and headings in this Agreement are inserted solely to facilitate reference and shall have no bearing upon the interpretation of any of the terms and conditions of this Agreement.

ARTICLE II

RESPONSIBILITIES OF EDAM ENTITY AND CAISO

- 2.1 Scope of Responsibilities.** The CAISO shall conduct or cause to be performed changes to the CAISO business and software systems, in accordance with the CAISO Tariff, to allow City of Los Angeles, Department of Water and Power to participate in the CAISO’s Day-Ahead Market as an EDAM Entity. The scope of the implementation will include planning and project management; full network modeling of resources; system integration and testing; metering and settlements; and operations readiness and training. The CAISO shall also provide City of Los Angeles, Department of Water and Power a project plan of implementation activities, including a schedule by which information and data will be required to be sent to the CAISO; testing to be performed by City of Los Angeles, Department of Water and Power; and training to meet the EDAM Entity Implementation Date.
- 2.2 Implementation Deposit and Cost Allocation.** Consistent with Section 33.11.5 of the CAISO tariff, City of Los Angeles, Department of Water and Power will provide a deposit and pay the actual costs of the implementation, including any actual amounts in excess of the initial deposit. The CAISO will provide invoices and refunds on a timely basis. Any difference between the deposit(s) made toward the implementation of City of Los Angeles, Department of Water and Power and associated administrative costs, and the actual cost of the implementation of City of Los Angeles, Department of Water and Power shall be paid by or refunded to City of Los Angeles, Department of Water and Power, in accordance with Article V of this Agreement.
- 2.3 Technical Data.** City of Los Angeles, Department of Water and Power will provide the CAISO technical data to facilitate the implementation in the Day-Ahead Market as an EDAM Entity and assumptions used for the data, such as

system conditions, existing and planned generation, and unit modeling. The CAISO shall not be responsible for any additional costs, including, without limitation, costs of new or additional facilities, system upgrades, or schedule changes, that may be incurred by City of Los Angeles, Department of Water and Power as a result of implementation in the Day-Ahead Market as an EDAM Entity.

- 2.4 Compliance with CAISO Tariff Requirements for an EDAM Entity.** Prior to the EDAM Entity Implementation Date, City of Los Angeles, Department of Water and Power will satisfy all requirements of the CAISO Tariff applicable to an EDAM Entity, including: (1) demonstrating that City of Los Angeles, Department of Water and Power satisfies all qualifications for participation as an EDAM Entity; (2) showing that City of Los Angeles, Department of Water and Power is authorized to make transmission available in its Balancing Authority Area consistent with the CAISO Tariff and the applicable transmission service tariffs, contracts, rules, procedures or other arrangements; (3) entering into an addendum to its EIM Entity Agreement with the CAISO governing City of Los Angeles, Department of Water and Power's participation in the Extended Day-Ahead Market; and (4) securing representation by an EDAM Entity Scheduling Coordinator.

ARTICLE III

TERM AND TERMINATION

- 3.1 Effective Date.** This Agreement shall be effective as of the later of the date it is executed by the Parties or the date it is accepted for filing and made effective by FERC (if applicable) and shall remain in full force and effect until terminated pursuant to Section 3.2 of this Agreement.

3.2 Termination

- 3.2.1 Termination by CAISO.** The CAISO may terminate this Agreement by giving written notice of termination pursuant to Section 33.1 of the CAISO Tariff or in the event that City of Los Angeles, Department of Water and Power commits any material default under this Agreement or Section 33 of the CAISO Tariff that, if capable of being remedied, is not remedied within thirty (30) days after the CAISO has given City of Los Angeles, Department of Water and Power written notice of the default, unless the default is excused by reason of Uncontrollable Forces in accordance with Article IX of this Agreement. With respect to any notice of termination given pursuant to this Section, the CAISO must file a timely notice of termination with FERC or must otherwise comply with the requirements of FERC Order No. 2001 and related FERC orders. The filing of the notice of termination by the CAISO with FERC will be considered timely if (1) the filing of the notice of termination is made after the preconditions for termination have

been met, and the CAISO files the notice of termination within sixty (60) days after issuance of the notice of default; or (2) the CAISO files the notice of termination in accordance with the requirements of FERC Order No. 2001. This Agreement shall terminate upon acceptance by FERC of such a notice of termination or thirty (30) days after the date of the CAISO's notice of default, if terminated in accordance with the requirements of FERC Order No. 2001 and related FERC orders.

3.2.2 Termination by EDAM Entity. In the event that City of Los Angeles, Department of Water and Power no longer wishes to participate in the CAISO's Extended Day-Ahead Market as an EDAM Entity pursuant to the CAISO Tariff, it may terminate this Agreement on giving the CAISO not less than thirty (30) days written notice. With respect to any notice of termination given pursuant to this Section, the CAISO must file a timely notice of termination with FERC or must otherwise comply with the requirements of FERC Order No. 2001 and related FERC orders. The filing of the notice of termination by the CAISO with FERC will be considered timely if (1) the request to file a notice of termination is made after the preconditions for termination have been met, and the CAISO files the notice of termination within thirty (30) days of receipt of such request; or (2) the CAISO files the notice of termination in accordance with the requirements of FERC Order No. 2001. This Agreement shall terminate upon acceptance by FERC of such a notice of termination or upon the next production date of the Full-Network Model release following the thirty (30) days after the CAISO's receipt of City of Los Angeles, Department of Water and Power's notice of termination, if terminated in accordance with the requirements of FERC Order No. 2001 and related FERC orders.

3.3 No Termination Charge. With the exception of the implementation costs, the CAISO shall not levy an exit fee or other charge associated with CAISO systems, procedures, or other changes required by the termination of City of Los Angeles, Department of Water and Power's participation in the Extended Day-Ahead Market as of the effective date of such notice, provided that City of Los Angeles, Department of Water and Power obligations incurred under this Agreement shall survive termination until satisfied.

ARTICLE IV CAISO TARIFF

4.1 Agreement Subject to CAISO Tariff. This Agreement shall be subject to Section 33 of the CAISO Tariff and all other provisions of the CAISO Tariff applicable to an EDAM Entity.

ARTICLE V

COSTS AND ACCOUNTING

- 5.1 Costs.** The CAISO shall maintain records and accounts of all costs incurred in performing the implementation of the EDAM Entity in sufficient detail to allow verification of all costs incurred, including associated overheads.
- 5.2 Settlement of Deposit(s).** The deposit provided in accordance with Section 2.2 of this Agreement shall be applied to the prudent costs of the CAISO in implementing City of Los Angeles, Department of Water and Power as an EDAM Entity in the Day-Ahead Market. If the actual costs of the implementation of City of Los Angeles, Department of Water and Power are greater than the initial deposit provided by City of Los Angeles, Department of Water and Power, the CAISO will invoice City of Los Angeles, Department of Water and Power for an additional deposit amount to cover expenses. Payment of invoices shall be due no later than thirty (30) days after the date of receipt. Any invoice payment past due will accrue interest, per annum, calculated in accordance with 5 C.F.R. 1315.10.

At the end of the implementation, the CAISO will provide a report that details deposit(s) received, actual costs incurred, and applicable interest earnings (on deposit balance) for each implementation project. Interest will be calculated at the end of the implementation project, from the time the deposit(s) was received until the implementation is completed. The calculation will be based on the average earning of the bank account, in which the deposit is held, on the remaining amount of the deposit. Any unused deposit remaining after the implementation is completed plus interest on the remaining deposit will be returned to City of Los Angeles, Department of Water and Power within ninety (90) calendar days after the implementation is completed; the CAISO and City of Los Angeles, Department of Water and Power approve the completion; and all required documents for the refund are received by the CAISO. All refunds will be processed following the CAISO's generally accepted accounting practices. Any deadline for CAISO action will be tolled to the extent City of Los Angeles, Department of Water and Power has not provided the CAISO with the appropriate documents to facilitate an eligible refund.

In the event this agreement is terminated by either party or both parties after City of Los Angeles, Department of Water and Power's implementation has begun, then the CAISO will make every attempt to halt work and related costs on the implementation as soon as practical and begin the refund process for any payments provided by City of Los Angeles, Department of Water and Power in excess of costs incurred by the CAISO, if applicable.

- 5.3 Audit.** City of Los Angeles, Department of Water and Power shall have the right, upon reasonable notice, within a reasonable time at the CAISO's offices and at

its own expense, to audit the CAISO's records as necessary and as appropriate in order to verify costs incurred by the CAISO. Any audit requested by City of Los Angeles, Department of Water and Power shall be completed, and written notice of any audit dispute provided to the CAISO representative, within one hundred eighty (180) calendar days following receipt by City of Los Angeles, Department of Water and Power of the CAISO's notification of the final costs of the implementation of City of Los Angeles, Department of Water and Power.

ARTICLE VI DISPUTE RESOLUTION

- 6.1 Dispute Resolution.** The Parties shall make reasonable efforts to settle all disputes arising out of or in connection with this Agreement. In the event any dispute is not settled, the Parties shall adhere to the CAISO ADR Procedures set forth in Section 13 of the CAISO Tariff, which is incorporated by reference, except that any reference in Section 13 of the CAISO Tariff to Market Participants shall be read as a reference to City of Los Angeles, Department of Water and Power and references to the CAISO Tariff shall be read as references to this Agreement.

ARTICLE VII REPRESENTATIONS AND WARRANTIES

- 7.1 Representation and Warranties.** Each Party represents and warrants that the execution, delivery and performance of this Agreement has been duly authorized by all necessary corporate and/or governmental actions, to the extent authorized by law.
- 7.2 Necessary Approvals.** City of Los Angeles, Department of Water and Power represents that all necessary rights, leases, approvals, permits, licenses, easements, access to operate in compliance with this Agreement have been or will be obtained by City of Los Angeles, Department of Water and Power prior to the effective date of this Agreement, including any arrangement with any third party Balancing Authorities.

ARTICLE VIII LIABILITY

- 8.1 Liability.** The provisions of Section 14 of the CAISO Tariff will apply to liability arising under this Agreement, except that all references in Section 14 of the

CAISO Tariff to Market Participants shall be read as references to City of Los Angeles, Department of Water and Power and references to the CAISO Tariff shall be read as references to this Agreement.

ARTICLE IX UNCONTROLLABLE FORCES

- 9.1 Uncontrollable Forces Tariff Provisions.** Section 14.1 of the CAISO Tariff shall be incorporated by reference into this Agreement except that all references in Section 14.1 of the CAISO Tariff to Market Participants shall be read as a reference to City of Los Angeles, Department of Water and Power and references to the CAISO Tariff shall be read as references to this Agreement.

ARTICLE X MISCELLANEOUS

- 10.1 Assignments.** Either Party may assign or transfer any or all of its rights or obligations under this Agreement with the other Party's prior written consent in accordance with Section 22.2 of the CAISO Tariff and no Party may assign or transfer any or all of its rights or obligations under this Agreement without such consent. Such consent shall not be unreasonably withheld. Any such transfer or assignment shall be conditioned upon the successor in interest accepting the rights or obligations under this Agreement as if said successor in interest were an original Party to this Agreement.
- 10.2 Notices.** Any notice, demand or request which may be given to or made upon either Party regarding this Agreement shall be made in accordance with Section 22.4 of the CAISO Tariff, provided that all references in Section 22.4 of the CAISO Tariff to Market Participants shall be read as a reference to City of Los Angeles, Department of Water and Power and references to the CAISO Tariff shall be read as references to this Agreement, and unless otherwise stated or agreed shall be made to the representative of the other Party indicated in Schedule 1. A Party must update the information in Schedule 1 of this Agreement as information changes. Such changes shall not constitute an amendment to this Agreement.
- 10.3 Waivers.** Any waiver at any time by either Party of its rights with respect to any default under this Agreement, or with respect to any other matter arising in connection with this Agreement, shall not constitute or be deemed a waiver with respect to any subsequent default or other matter arising in connection with this Agreement. Any delay, short of the statutory period of limitations, in asserting or enforcing any right under this Agreement shall not constitute or be deemed a waiver of such right.

- 10.4 Governing Law and Forum.** This Agreement shall be deemed to be a contract made under, and for all purposes shall be governed by and construed in accordance with, the laws of the State of California, except its conflict of law provisions. The Parties irrevocably consent that any legal action or proceeding arising under or relating to this Agreement to which the CAISO ADR Procedures do not apply shall be brought in any of the following forums, as appropriate: any court of the State of California, any federal court of the United States of America located in the State of California, or, where subject to its jurisdiction, before the Federal Energy Regulatory Commission.
- 10.5 Consistency with Federal Laws and Regulations.** This Agreement shall incorporate by reference Section 22.9 of the CAISO Tariff as if the references to the CAISO Tariff were referring to this Agreement.
- 10.6 Merger.** This Agreement constitutes the complete and final agreement of the Parties with respect to the subject matter hereof and supersedes all prior agreements, whether written or oral, with respect to such subject matter.
- 10.7 Severability.** If any term, covenant, or condition of this Agreement or the application or effect of any such term, covenant, or condition is held invalid as to any person, entity, or circumstance, or is determined to be unjust, unreasonable, unlawful, imprudent, or otherwise not in the public interest by any court or government agency of competent jurisdiction, then such term, covenant, or condition shall remain in force and effect to the maximum extent permitted by law, and all other terms, covenants, and conditions of this Agreement and their application shall not be affected thereby, but shall remain in force and effect and the Parties shall be relieved of their obligations only to the extent necessary to eliminate such regulatory or other determination unless a court or governmental agency of competent jurisdiction holds that such provisions are not separable from all other provisions of this Agreement.
- 10.8 Amendments.** This Agreement and the Schedules attached hereto may be amended from time to time by the mutual agreement of the Parties in writing. Amendments that require FERC approval shall not take effect until FERC has accepted such amendments for filing and made them effective. Nothing contained herein shall be construed as affecting in any way the right of the CAISO to unilaterally make application to FERC for a change in the rates, terms and conditions of this Agreement under Section 205 of the Federal Power Act (“FPA”) and pursuant to FERC’s rules and regulations promulgated thereunder, and City of Los Angeles, Department of Water and Power shall have the right to make a unilateral filing with FERC to modify this Agreement pursuant to Section 206 or any other applicable provision of the FPA and FERC’s rules and regulations thereunder; provided that each Party shall have the right to protest any such filing by the other Party and to participate fully in any proceeding before FERC in which such modifications may be considered. Nothing in this

Agreement shall limit the rights of the Parties or of FERC under Sections 205 or 206 of the FPA and FERC's rules and regulations thereunder, except to the extent that the Parties otherwise mutually agree as provided herein.

10.9 Electronic Signatures. The Parties agree that this Agreement may be executed by either handwritten signature or digitally signed using Adobe Sign, Adobe E-Sign, or DocuSign. A digital signature is the same as a handwritten signature and shall be considered valid and acceptable.

10.10 Counterparts. This Agreement may be executed in one or more counterparts at different times, each of which shall be regarded as an original and all of which, taken together, shall constitute one and the same Agreement.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be duly executed on behalf of each by and through their authorized representatives as of the date hereinabove written.

California Independent System Operator Corporation

By: [DocuSigned by: Mark Rothleder]
Name: Mark Rothleder
Title: Sr VP / COO
Date: 10/9/2024

DEPARTMENT OF WATER AND POWER OF THE CITY OF LOS ANGELES BY BOARD OF WATER AND POWER COMMISSIONERS

By signing below, the signatories attest that they have no personal, financial, beneficial, or familial interest in this contract.

By: [Signature] David Hanson (Jan 21, 2025 13:37 PST)
JANISSE QUIÑONES
Chief Executive Officer and Chief Engineer

Date: Jan 21, 2025

And: [Signature] CHANTE L. MITCHELL
Board Secretary

APPROVED AS TO FORM AND LEGALITY
HYDEE FELDSTEIN SOTO, CITY ATTORNEY

OCT 10 2024
BY [Signature] VAUGHN MINASSIAN
DEPUTY CITY ATTORNEY

SCHEDULE 1**NOTICES****EDAM Entity**

Name of Primary Representative: Anurag Sahni
Title: Joint Transmission Asset & Coordination Management
Company: City of Los Angeles, Department of Water and Power
Address: 111 North Hope St.
City/State/Zip Code: Los Angeles, CA, 90012
Email Address: Anurag.Sahni@ladwp.com
Phone: 213-367-2128

Name of Primary Representative: Mark Padilla
Title: EDAM Implementation Manager
Company: City of Los Angeles, Department of Water and Power
Address: 111 North Hope St.
City/State/Zip Code: Los Angeles, CA, 90012
Email Address: mark.padilla@ladwp.com
Phone: 213 367-4849

CAISO

Name of Primary Representative: Regulatory Contracts
Title: N/A
Address: 250 Outcropping Way
City/State/Zip Code: Folsom, CA 95630
Email address: RegulatoryContracts@caiso.com
Phone: (916) 351-4400
Fax: (916) 608-5063

Name of Alternative Representative: Christopher J. Sibley
Title: Senior Manager, Regulatory Contracts
Address: 250 Outcropping Way
City/State/Zip Code: Folsom, CA 95630
Email address: csibley@caiso.com
Phone: (916) 608-7030
Fax: (916) 608-5063

EXHIBIT A

Payment Schedule

	Projected Onboarding Costs	EDAM Deposits	Burn Down	Anticipated Yearly Total	Activity Covered by Payment
November 2024		\$300,000.00	\$300,000.00		CAISO Integration
November-2024	\$111,018.00		\$188,982.00		
December-2024	\$51,814.00		\$137,168.00	\$162,833.00	
January-2025	\$54,748.00		\$82,420.00		
February-2025	\$54,748.00	\$300,000.00	\$327,672.00		CAISO Integration
March-2025	\$54,548.00		\$273,125.00		
April-2025	\$59,262.00		\$213,863.00		
May-2025	\$66,185.00		\$147,678.00		
June-2025	\$69,805.00		\$77,873.00		CAISO Testing Configuration
July-2025	\$80,637.00	\$300,000.00	\$297,236.00		
August-2025	\$80,637.00		\$216,599.00		
September-2025	\$104,526.00		\$112,073.00		
October-2025	\$104,526.00		\$7,548.00		
November-2025	\$109,326.00	\$300,000.00	\$198,222.00		CAISO Testing Configuration
December-2025	\$109,326.00		\$88,896.00	\$948,271.00	
January-2026	\$104,693.00	\$300,000.00	\$284,203.00		CAISO Testing Configuration
February-2026	\$104,693.00		\$179,511.00		
March-2026	\$93,533.00		\$85,978.00		
April-2026	\$87,399.00	\$300,000.00	\$298,579.00		Parallel Operations
May-2026	\$115,000.00		\$183,579.00		
June-2026	\$115,000.00		\$68,579.00		
July-2026	\$115,000.00	\$300,000.00	\$253,579.00		Parallel Operations
August-2026	\$115,000.00		\$138,579.00		
September-2026	\$115,000.00	\$300,000.00	\$323,579.00		Parallel Operations
October-2026	\$115,000.00		\$208,579.00		
November-2026	\$115,000.00		\$93,579.00		
December-2026	\$115,000.00	\$300,000.00	\$278,579.00	\$1,310,317.00	Parallel Operations
January-2027	\$115,000.00		\$163,579.00		
February-2027	\$115,000.00	\$300,000.00	\$348,579.00		Parallel Operations
March-2027	\$115,000.00		\$233,579.00		
April-2027	\$115,000.00		\$118,579.00		
May-2027	\$52,400.00		\$66,179.00	\$512,400.00	Refund
Total	\$2,933,824.00	\$3,000,000.00	\$66,179(refund)	\$2,933,821.00	

***Projected Fee Schedule provided by CAISO.**

