

**BLACKLINED AMENDMENT NO. 1 TO THE  
METER SERVICE AGREEMENT  
FOR SCHEDULING COORDINATORS**

**THIS AMENDMENT** is dated this \_\_\_\_ day of \_\_\_\_\_, 1998 and is entered into, by and between:

- (1) **Arizona Public Service Company** having its registered and principal place of business located at **400 North Fifth Street, Phoenix, AZ 85004** (“APSC”);

and

- (2) **California Independent System Operator Corporation**, a California non-profit public benefit Corporation having a principal executive office located at such place in the State of California as the ISO Governing Board may from time to time designate, initially 151 Blue Ravine Road, Folsom, California 95630 (the “ISO”).

APSC and the ISO are hereinafter referred to as the “Amending Parties.”

**Whereas:**

- A.** The Amending Parties entered into the Meter Service Agreement for Scheduling Coordinators dated November 19, 1997 (the “Principal Agreement”).
- B.** By orders issued on December 17, 1997 and March 30, 1998, the Federal Energy Regulatory Commission required that the Principal Agreement be amended.

NOW THEREFORE, **THE AMENDING PARTIES AGREE** as follows:

- 1) Effective Date.** This Amendment shall be effective as of the effective date of the Principal Agreement and shall remain in full force and effect until the termination of the Principal Agreement.
- 2) Amendment to the Principal Agreement.** The Principal Agreement shall be amended as set out below:
- a)** Recital C is amended as follows:

- C. The Parties are entering into this Agreement in order to establish the terms and conditions upon which the ISO and the SC shall discharge their respective duties and responsibilities pursuant to this Agreement, and the ISO Tariff and the ISO Metering Protocol.
- b) Recital D is amended as follows:
- D. All obligations and responsibilities included in this Agreement shall be set forth in further detail in the ~~ISO Metering Protocol~~ of the ISO Tariff.
- c) Section 1.1 is amended as follows:
- 1.1 Master Definitions Supplement.** ~~Unless the context otherwise requires, a~~All terms and expressions used in this Agreement shall have the same meaning as those contained in the Master Definitions Supplement to the ISO Tariff.
- d) Section 1.2 is amended as follows:
- 1.2 Special Definitions for this Agreement.** In this Agreement, the following words and expressions shall have the meanings set forth below:
- “ISO Authorized Inspector”** has the meaning as defined in the ~~ISO~~ Metering Protocol of the ISO Tariff.
- “ISO Metered Entity”** means:
- (a) any one of the following entities that is directly connected to the ISO Controlled Grid:
- i. a Generator other than a Generator that sells all of its Energy (excluding any Energy consumed by auxiliary load equipment electrically connected to that Generator at the same point) and Ancillary Services to the UDC in whose Service Area it is located;
  - ii. an Eligible Customer; or
  - iii. an End-User other than an End-User that purchases all of its Energy from the UDC in whose Service Area it is located;
- and
- (b) any one of the following entities:
- i. a Participating Generator; or
  - ii. a Participating TO in relation to its Tie Point Meters with other TOs or Control Areas.

“**ISO Metering Protocol**” means the ISO Metering Protocol of the ISO Tariff on the subject of revenue quality metering which sets forth the requirements and procedures that SCs, amongst others, shall meet and follow in order to comply with their obligations under Section 10 of the ISO Tariff.

“**MDAS**” means the ISO’s revenue metering data acquisition and processing system.

“**Metering Facilities**” means revenue quality meters, instrument transformers, secondary circuitry, secondary devices, meter data servers, related communication facilities and other related local equipment.

“**SC**” means Scheduling Coordinator.

“**Scheduling Coordinator Metered Entity**” or “**SC Metered Entity**” means a Generator, Eligible Customer or End-User that is not an ISO Metered Entity.

e) Section 1.3(a) is amended as follows:

(a) ~~unless the context otherwise requires,~~ if there is any inconsistency between this Agreement and the ISO Tariff ~~or any applicable ISO Protocol,~~ the ISO Tariff ~~and/or the applicable ISO Protocol~~ will prevail to the extent of the inconsistency;

f) Section 2.2.1 is amended as follows:

**2.2.1 Termination by ISO.** Subject to Section 4.2, the ISO may terminate this Agreement by giving written notice of termination in the event that the SC commits any default under this Agreement, and/or the ISO Tariff ~~and/or the ISO Protocols~~ which, if capable of being remedied, is not remedied within thirty (30) days after the ISO has given it written notice of the default, unless excused by reason of Uncontrollable Force in accordance with Section 15 of the ISO Tariff. With respect to ~~a~~Any notice of termination given pursuant to this Section, the ISO must file a timely notice of termination with FERC. This Agreement shall terminate upon acceptance by FERC of such notice of termination. must also be filed at the FERC. Pending acceptance by the FERC of such termination the operation of the terms of this Agreement and of the ISO Tariff shall be suspended.

g) Section 2.2.2 is amended as follows:

- 2.2.2 Termination by SC.** In the event that the SC wishes to terminate this Agreement, the SC shall give the ISO ninety (90) days written notice. With respect to aAny notice of termination given pursuant to this Section, the ISO must file a timely notice of termination with FERC. This Agreement shall terminate upon acceptance by FERC of such notice of termination. must also be filed at the FERC. ~~Pending acceptance by the FERC of such termination the operation of the terms of this Agreement and of the ISO Tariff shall be suspended.~~
- h) Section 3.1 is amended as follows:
- 3.1 Agreement Subject to ISO Tariff ~~and ISO Metering Protocol.~~** This Agreement shall be subject to the provisions of the ISO Tariff ~~and ISO Metering Protocol~~ which shall be deemed to be incorporated herein, as the same may be changed or superseded from time to time. The Parties agree that they will comply with the provisions of Section 10 of the ISO Tariff and the ~~ISO Metering Protocol~~ of the ISO Tariff.
- i) Section 3.2 is amended as follows:
- 3.2 Requirements and Standards for Metering Facilities.** The SC shall ensure that the SC Metered Entities it represents shall adhere to the requirements and standards for Metering Facilities of its Local Regulatory Authority. If that SC Metered Entity's Local Regulatory Authority has not set any requirements or standards in relation to any of its Metering Facilities, the SC representing that SC Metered Entity must comply with the requirements and standards for those Metering Facilities as set forth in this Agreement, and the ISO Tariff ~~and the ISO Metering Protocol.~~
- j) Section 3.3.3 is amended as follows:
- 3.3.3 Profiled and Cumulative Meter Data.** The SC shall provide the ISO with any applicable load profile for each SC Metered Entity that it represents that is load profiled in accordance with the ISO Tariff ~~and the ISO Metering Protocol.~~ The SC shall provide a copy of the load profile applicable to each SC Metered Entity (if any) that it represents which shall be set forth in Schedule 2 to this Agreement. The SC must immediately notify the ISO of any changes to the load profiles referred to in Schedule 2 to this Agreement and provide the ISO with a copy of the new or amended load profile.
- k) Section 3.3.4 is amended as follows:

**3.3.4 Security and Validation Procedures.** The SC shall apply to the Meter Data of the SC Metered Entities that it represents, the security and validation procedures prescribed by the relevant Local Regulatory Authority. If the relevant Local Regulatory Authority has not prescribed any such procedures, the SC shall apply the procedures set forth in the ~~ISO~~ Metering Protocol of the ISO Tariff. Meter Data submitted by an SC for SC Metered Entities shall conform to these standards unless the ISO has, at its discretion, exempted the SC from these standards.

l) Section 3.4.1 is amended as follows:

**3.4.1 Exemptions Granted by ISO.** The ISO shall consider requests for and shall have the authority to grant the SC exemptions from certain provisions of the ISO Tariff. Any exemptions granted by the ISO shall be granted in accordance with the procedure and guidelines set forth in the ~~ISO~~ Metering Protocol of the ISO Tariff and such exemptions shall be set forth in Schedule 3 to this Agreement.

m) Section 3.4.2 is amended as follows:

**3.4.2 ISO as Third-Party Beneficiary.** The ISO shall be a third-party beneficiary to the agreements between the SC and SC Metered Entities that the SC represents. Such agreements shall grant the ISO access to any relevant information, records and facilities of the SC Metered Entity as needed for the ISO to fulfill its obligations under, this Agreement, and the ISO Tariff ~~and the ISO Metering Protocol~~.

n) Section 4.2 is amended as follows:

**4.2 Corrective Measures.** If the SC or any SC Metered Entity that it represents fails to meet or maintain the standards for Metering Facilities or comply with the audit or test procedures as set forth in the ISO Tariff ~~and the ISO Metering Protocol~~, the ISO shall be permitted to take corrective measures. Details of the corrective measures and rights the ISO may exercise upon any failure by any entity to meet those standards for Metering Facilities or to comply with the audit or test procedures shall be set forth in Schedule 4 Part B.

o) Section 8.2 is amended as follows:

**8.2** The SC represents and warrants that all of the entities which it identifies on Schedule 1 as SC Metered Entities that it represents have granted it all necessary authority to enable it to carry out its obligations under this Agreement, and the ISO Tariff ~~and the ISO~~

~~Metering Protocol~~, and, subject to the execution and delivery by the ISO, this Agreement will be enforceable against the SC in accordance with its terms.

**IN WITNESS WHEREOF**, the Parties hereto have caused this Amendment No. 1 to be duly executed by and through their respective authorized representatives as of the date hereinabove written.

**California Independent System Operator Corporation**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**Arizona Public Service Company**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_