

**SETTLEMENT AND BILLING PROTOCOL (SABP)**

**SABP 1                    OBJECTIVES, DEFINITIONS AND SCOPE**

**SABP 1.1                Objectives**

The objective of this Protocol (and of Annex 1) is to inform Scheduling Coordinators, Participating TOs and Operators of Reliability Must-Run Units of the manner in which the charges referred to in Section 11.1.6 of the ISO Tariff shall be calculated and settled and of the procedures regarding the billing, invoicing and payment of these charges.

**SABP 1.2                Definitions**

**SABP 1.2.1             Master Definitions Supplement**

Any word or expression defined in the Master Definitions Supplement to the ISO Tariff shall have the same meaning where used in this Protocol. A reference to a Section is to a Section of the ISO Tariff. References to SABP are to this Protocol or to the stated paragraph of this Protocol. References to Annex 1 are to Annex 1 of this Protocol.

**SABP 1.2.2             Special Definitions for this Protocol**

In this Protocol, the following words and expressions shall have the meanings set opposite them:

**“Black Start Generator”** means a Participating Generator in its capacity as party to an Interim Black Start Agreement with the ISO for the provision of Black Start Services, but shall exclude Participating Generators in their capacity as providers of Black Start services under their Reliability Must-Run Contracts.

**“Day 0”** means the Trading Day to which the Settlement Statement or settlement calculation refers. For example “Day 41” shall mean the 41st day after that Trading Day and similar expressions shall be construed accordingly.

**“Fed-Wire”** means the Federal Reserve Transfer System for electronic funds transfer.

**SABP 1.2.4**

**Time**

All references to time are references to prevailing Pacific Time.

**SABP 1.2.5**

**Financial Transaction Conventions**

In this Protocol and its Appendices and Annex 1, the following conventions have been adopted in defining sums of money to be remitted to or received by the ISO:

- (a) where the ISO is to receive a sum of money under this Protocol, this is defined as a "Charge";
- (b) where the ISO is to required to pay a sum of money under this Protocol, this is defined as a "Payment".

**SABP 1.2.6**

**Currency**

All financial transactions are denominated in US dollars and cents.

**SABP 1.3**

**Scope**

**SABP 1.3.1**

**Scope of Application to Parties**

This Protocol (excluding Annex 1) applies to the ISO and to the following entities:

- (a) Scheduling Coordinators;
- (b) Participating TOs; and
- (c) Black Start Generators

The settlement, billing and payment process between the ISO, Scheduling Coordinators, Participating TOs and Black Start Generators shall be in accordance with Sections 11.3 to 11.24 inclusive of the ISO Tariff. References in those Sections to Scheduling Coordinators shall also apply to Participating TOs which receive Settlement Statements from the ISO in relation to the transactions referred to in those Settlement Statements but excluding the transactions referred to in Annex 1. Notwithstanding SABP 1.2.3(a), references in Sections 11.3 to 11.24 inclusive of the ISO Tariff to Scheduling Coordinators, ISO Debtors and ISO Creditors shall also apply to Black Start Generators which receive Settlement Statements from the ISO in relation to transactions under their Interim Black Start Agreements.

Annex 1 of this Protocol applies to the ISO, Owners of Reliability Must-Run Units and Participating TOs in relation to the billing and payment of amounts due under Reliability Must-Run Contracts and recovery of such amounts by the ISO from Participating Utilities. The provisions of this Protocol shall not apply to Annex 1 unless otherwise specified.

**SABP 1.3.2      Liability of the ISO**

Any liability of the ISO arising out of or in relation to this Protocol shall be subject to Section 14 of the ISO Tariff as if references to the ISO Tariff were references to this Protocol.

**SABP 2            OVERVIEW OF SETTLEMENT AND BILLING PROCESS**

**SABP 2.1        Settlement Software**

The ISO settlement software shall be audited by an independent firm of auditors competent to carry out audits of such software to determine its consistency with this Protocol and the ISO Tariff. In any dispute regarding Settlement calculations, a certificate of such firm of auditors that the ISO software is consistent with the ISO Tariff shall be prima facie proof that the charges shown in a Settlement Statement have been calculated in a method consistent with the ISO Tariff and this Protocol. Nothing in this section will be deemed to establish the burden of proof with respect to Settlement calculations in any proceeding.

**SABP 2.2        ISO Accounts**

**SABP 2.2.1      Costs Associated with the ISO Trust Accounts**

The ISO is authorized to establish and maintain bank accounts held on trust for Market Participants and obtain lines of credit and other banking facilities (not exceeding an aggregate amount set by the ISO Governing Board) necessary for the operation of its Settlement and billing procedures. Unless otherwise specified in this Protocol the ISO will recover all costs incurred in connection with ISO banking facilities through the Grid Management Charge.

**SABP 2.2.2      Location of the ISO Accounts**

The ISO will maintain its bank accounts held on trust at a bank in California approved by the ISO Governing Board.

**SABP 2.2.3 ISO Trust Accounts**

The ISO will open and operate the following accounts which it will hold on trust for Market Participants:

- (a) the ISO Clearing Account to and from which payments are made pursuant to Section 11.8.2.1 of the ISO Tariff and SABP 6.3.1;
- (b) the ISO Reserve Account from which any debit balances on the ISO Clearing Account at the close of banking business are settled pursuant to Section 11.8.2.2 of the ISO Tariff and SABP 6.4; and
- (c) the ISO Surplus Account consistent with Section 11.8.2.3 of the ISO Tariff and SABP 6.5.

The ISO may establish additional trust accounts as necessary to implement the Settlement and billing procedures outlined in this Protocol. It shall notify the Market Participants of the establishment of such accounts through the WENet.

**SABP 2.2.4 The ISO Clearing Account**

Subject to SABP 6.1.2, ISO Debtors shall make all payments of ISO invoices by Fed-Wire to the ISO Clearing Account by 10:00 am on the due date according to the ISO Payments Calendar.

**SABP 2.2.5 The ISO Reserve Account**

The ISO shall operate the ISO Reserve Account as a trust account as follows:

- (a) the proceeds of drawings under any line of credit or other credit facility of the ISO Reserve Account shall be held on trust for ISO Creditors;
- (b) if the Reserve Account is replenished as provided for in SABP 6.9, any credits shall be held on trust for all ISO Creditors.

**SABP 2.2.6 Accounts of the SCs and Participating TOs**

Each Scheduling Coordinator and each Participating TO shall establish and maintain a Settlement Account at a commercial bank located in the United States and reasonably acceptable to the ISO which can effect money transfers via Fed-Wire where payments to and from the ISO Clearing Account shall be made in accordance with this Protocol. Scheduling Coordinators may, but will not be required to, maintain separate accounts for receipts and payments. Each Scheduling Coordinator shall notify the ISO of its account details and of any changes to

**SABP 3.1.1**

**Additional Charges and Payments**

The ISO shall be authorized to levy additional charges or payments as special adjustments in regard to:

- (a) amounts required to round up any invoice amount expressed in dollars and cents to the nearest whole dollar amount in order to clear the ISO Clearing Account. These charges will be allocated amongst Scheduling Coordinators over an interval determined by the ISO and pro rata based on metered Demand (including exports) during that interval;
- (b) amounts in respect of penalties which may be levied by the ISO in accordance with the ISO Tariff. These charges will be levied on the Market Participants liable for payment of the penalty; and
- (c) amounts required to reach an accounting trial balance of zero in the course of the Settlement process in the event that the charges calculated as due from ISO Debtors are lower than payments calculated as due to the ISO Creditors for the same Trading Day. These charges will be allocated amongst the Scheduling Coordinators who traded on that Trading Day pro rata to their metered Demand (including exports) in MWh of Energy for that Trading Day. In the event that the charges due from ISO Debtors are higher than the payments due to ISO Creditors, the ISO shall allocate a payment to the Scheduling Coordinators who traded on that Trading Day pro rata to their metered Demand (including exports) in MWh of Energy for that Trading Day.
- (d) amounts required with respect to payment adjustments for regulating Energy as calculated in accordance with Section 2.5.27.1 of the ISO Tariff. These charges will be allocated amongst the Scheduling Coordinators who traded on that Trading Day pro rata to their metered Demand (including exports) in MWh for that Trading Day.

**SABP 3.2                      Method of Settlement of Charges**

**SABP 3.2.1                    Settlement of Payments to/from Scheduling Coordinators and Participating TOs**

The ISO will calculate for each charge the amounts payable by the relevant Scheduling Coordinator, Black Start Generator or Participating TO for each Settlement Period of the Trading Day, and the amounts payable to that Scheduling Coordinator, Black Start Generator or Participating TO for each charge for each Settlement Period of that Trading Day and shall arrive at a net amount payable for each charge by or to that Scheduling Coordinator, Black Start Generator or Participating TO for each

