MP 2   **REVENUE METER DATA ACQUISITION AND PROCESSING SYSTEM (MDAS)**

MP 2.1   **Purpose of MDAS**

MDAS will be used:

(a)   by the ISO to obtain and receive the revenue quality meter data of ISO Metered Entities and SC Metered Entities for Settlement and billing purposes; and

(b)   by SCs to access Settlement Quality Meter Data held by the ISO in respect of the SC Metered Entities and ISO Metered Entities that they represent.

MP 2.2   **ISO Metered Entities**

MP 2.2.1   **Method of Providing Meter Data to ISO**

Subject to any exemption granted by the ISO under MP 13, each ISO Metered Entity must provide Meter Data to MDAS by direct interface between MDAS and its revenue quality meter or Compatible Meter Data Server.

MP 2.2.2   **Interface with MDAS**

ISO Metered Entities will, in accordance with the ISO Tariff and this Protocol, use WEnet to interface directly with MDAS:

(a)   in the case of Meter Data provided to MDAS from a revenue quality meter, via compatible metering communication equipment; or

(b)   via a Compatible Meter Data Server.

MP 2.2.3   **Frequency of Recording and Collecting Data**

Subject to any exemption granted by the ISO under MP 13, Meter Data must be recorded:

(a)   at 5-minute intervals by Loads and Generators providing Ancillary Services and/or Supplemental Energy; and

(b)   at 1-hour intervals by other ISO Metered Entities.

Meter Data will be collected regularly by MDAS in accordance with the frequency for collection determined by the ISO from time to time. The ISO may also collect Meter Data on demand. The ISO will issue such demands using voice communications. If the ISO issues a demand for Meter Data, the ISO Metered Entity from

(a)   5 minutes for Loads and Generators providing Ancillary Services and/or Supplemental Energy; and

(b)   1 hour for other SC Metered Entities.

Each SC shall submit Settlement Quality Meter Data for all of the SC Metered Entities that it schedules aggregated by:

(a)   Demand Zone, Load group or bus for Demand;

(b)   the relevant unit for Generation; or

(c)   the Scheduling Point for imports and exports.

The Settlement Quality Meter Data submitted by SCs may be in either kWh or MWh values.

MP 2.3.5   Netting

(a)   Permitted Netting

SCs may, when providing Settlement Quality Meter Data to the ISO pursuant to this MP 2.3, net values for Generating Unit output and auxiliary load equipment electrically connected to that Generating Unit at the same point.

(b)   Prohibited Netting

SCs may not net values for Generating Unit output and Load. SCs representing SC Metered Entities that serve third-party Load connected to the auxiliary system of a Generating Unit must ensure that those SC Metered Entities add the Energy consumed by such third-party Load to that Generating Unit's output so as to ensure proper Settlement of that Generating Unit's gross output.

MP 2.3.6   Format for Data Requests

SCs may obtain Settlement Quality Meter Data relating to the SC Metered Entities they represent by requesting extracts from MDAS using the Meter Data Request Format. The ISO will ensure that such data is made available in a timely manner.

MP 2.4   Data Retention by the ISO

The ISO will maintain a record of all:

(a)   Meter Data provided to it;

(b)   Settlement Quality Meter Data provided to it; and

(c)   Settlement Quality Meter Data produced by it,

for a period of 18 months on site at the ISO's facilities and for a period of 10 years in the ISO's archive storage facilities. The ISO