

Other Documentary Requirements for WESM MSPs

(1.) General Requirements

- (a.) SEC Certificate of Registration;
- (b.) Articles of Incorporation;
- (c.) Current/Latest General Information Sheet SEC Form;

(2.) Technical Qualification

- a) Existence of the following facilities and equipment:
 - i. At least two (2) sets fo Revenue Meter Calibration and Testing Equipment to include the following:
 - 1. Single or three-phase voltage & current source (Phantom Load), with adjustable voltage and current output and phase displacement;
 - 2. Reference meter standard of +/- 0.05% accuracy class or better for AC power and energy(accuracy must be traceable to IEC, IEEE or its equivalent)
 - ii. At least two (2) sets of instrument transformer ratio and phase measuring equipment, complete with its own standard transformers and phase shifting devices.
 - iii. A Calibration Laboratory to house the reference standards and various calibration, measuring and testing equipments
 - iv. Meter Data Retrieval System, Equipment and other infrastructure necessary for the delivery of settlement-ready meter data to the WESM at the prescribed delivery schedules;
 - v. Equipment and resources necessary for performing maintenance and repairs on metering facilities and equipment.
- b) Measurement Assurance Program and Procedures;
 - i. Calibration Program Plan;
 - ii. Official Calibration Traceability Chart indicating the following information:
 - 1. Source of Calibration Traceability
 - 2. Standards Used for Transferring Reference Quantities;
 - and

3. Electrical Quantities Uncertainties (voltage, current, power, energy, phase, time etc.)

iii. Set of Procedures to include the following:

1. Metering Facilities Commissioning to Service and Registration thereof with the Market Operator;
2. Calibration/Accuracy Testing of measuring and testing instruments and revenue meters of the specified accuracy class;
3. Ratio Accuracy and phase deviation testing of instrument transformers used with revenue meters;
4. Determining the uncertainty of measurements and values of quantities displayed by the Reference Meter Standards; Procedures must be correct applications of mathematical principles and techniques such as those presented in the ISO Guide to the Expression of Uncertainty of Measurement;
5. Dealing with cases where errors of revenue meters and instrument transformers are found to be outside the permissible limits;
6. Dealing with cases where calibrations/tests are found to be erroneously performed or the results were erroneously documented, or if the meter reference standard used in the calibration of revenue meters are found to be in a state of non-compliance with its specifications;
7. Organization, control, storage, and maintenance of official technical documents and quality records;
8. Meter reading and collection, validation, storage, and delivery of data from the memory of revenue meters, representing the power and energy that flowed through the metering point over a prescribed period of time.

iii. Other Procedures that may be deemed necessary in the provision of metering services.

(c.) PGDC Requirements

(3.) Financial Capability

5-year Business Plan

(4.) Ownership/Control

(a.) Articles of Incorporation/Partnership (for Corporation / Partnership) with Certificate of Registration;

- (b.) Business Name Registration Certificate (for Single Proprietorship);
 - (c.) Charters for Government Agencies/Government Owned and Controlled Corporations;
 - (d) Updated listing of shareholders and corresponding equity shares, as evidenced by the most recent General Information Sheet filed with the Securities and Exchange Commission, if applicable;
- (5) Such other information or documents that may be required by the ERC.