

Meter Enclosures

March 8, 2005

Richard Zaworski



❑ As per Wholesale Revenue Metering Standard

10.1.1 Meter Enclosure

All *meters*, test links, and fuses shall be contained within a *meter* enclosure. The communication equipment, such as an external modem or a telephone line switcher, may be located in a separate locked enclosure under strict control of the *metered market participant* provided that the equipment is supplied from an external power source; otherwise the communication equipment shall be contained in the *meter* enclosure.

10.1.2 Meter Enclosure Requirements

The *meter* enclosure shall comply with the following requirements:

- a. the *meter* enclosure shall be secured by the *metering service provider*, in a manner approved by the *IMO*;
- b. the *metering service provider* shall have access to the *meter* enclosure at all times;
- c. persons other than the *metering service provider* shall not be given access to the *meter* enclosure;
- d. the *meter* enclosure shall be sealed as far as practicable in a manner approved by the *IMO*;
- e. seals shall be placed to ensure the detection of unauthorized access to the *instrument transformer* connections, *meter*, test links, test-link cover and fuses;
- f. seals shall be individually numbered; and
- g. seals shall be traceable to the *metering service provider*.

- ❑ Enclosure not defined in Chapter 11 - Definitions
- ❑ IESO's understood definition of a Meter Enclosure
 - An approved cabinet for housing revenue metering equipment and devices associated with metering. Must be locked, sealed and accessible only by the MSP.*
- ❑ Two recent proposals did not meet definition
 - London Hydro's proposal of a secure Control Building and mounting metering equipment on the relay rack
 - Falconbridge's proposal of having only suitable protective covers and sealing devices

Definition of a Meter Enclosure

- ❑ What about a 'Metering Shed' or 'Metering Room'?



Definition of a Meter Enclosure

❑ Can the understood definition be expanded?

An approved cabinet or dedicated enclosure built to applicable codes to house revenue metering equipment and devices associated with metering. Must be locked, sealed and accessible only by the MSP.

❑ What are the Conditions of Acceptance?

- Cannot be used as a temporary storage facility
- Must be clearly identified
- Under strict control of the MSP