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Ontario Energy Board
P.O. Box 2319
2300 Yonge Street
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Toronto, Ontario
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RE : OEB Draft meter implementation plan RP-2004-0196

To – Smart Meter Implementation Team

Itron has reviewed the draft meter implementation plan and would like to commend the OEB on a well conceived and articulated plan. We have only one point of clarification regarding demand calculations in the Group 2 meters. Below we have described our concern regarding the use of the term “**time stamp**”. In practice, Measurement Canada approved demand meters do not use a clock to determine end of interval for demand calculations. The term “**time stamp**” as used in the draft plan may be inappropriate and inconsistent with the appendix as described below.

Itron response

Comments and items requiring clarification

1. Demand calculation for Group 2 customers requires “**time stamp**” (?) in the meter.(page 41, section 4.1, table E)
 - a. This requirement is not necessary to ensure accurate demand calculation as identified in the appendix D2, page 88. We believe that the technical group was requesting that the demand calculation be done in the meter, not in the communication network to avoid Measurement Canada issues.
 - b. Hence, the requirement for “time stamp” should be removed.
 - c. Background :

Page 88 of Appendix D2 states that “duration of demand interval timing is critical to demand calc. But sync to real time is not critical.” We believe this to be correct. This is normally accomplished in a meter with an accurate timing reference, either line synch or quartz crystal without reference to real time.



Electric / Gas / Water
Information collection, analysis and application

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Again Itron would like to congratulate the OEB on a well developed draft implementation plan.

Regards,

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