

Foundation Working Group

Proposed Recommendations on Address and Occupant Change Information in the MDM/R

In past Foundation Working Group (FWG) meetings the participants engaged in discussions to determine the minimum set of information needed to enable further use of energy consumption data in the MDM/R, without imposing too burdensome and costly an implementation on the LDCs and the Smart Metering Entity (SME). Please refer to the session meeting summaries for these discussions. For consideration, the following are the recommendations that would be put forward as those of the FWG for including Service Delivery Point (SDP) address and occupant change information in the MDM/R. Both the SME Steering Committee and the MDM/R Technical Panel should review these recommendations. Any subsequent implementation of these recommendations would be subject to compliance with existing privacy legislation.

GEO-LOCATION INFORMATION¹

SDP (or Premise) Address Structure

The FWG recommends that LDCs be required to provide accurate premise address information to the MDM/R using the existing Premise Address, City, Province and Postal Code fields. The Premise Address field would contain the components of street name, street number and unit number, where they exist, ordered in a pre-specified sequence. The Premise Address field is a single alphanumeric field of up to 100 characters, for which the following structural options would be available to LDCs:

- Send the address as a single field using a predefined delimiter to separate the distinct components
- Send the address as a single field that is “free form” i.e. does not necessarily use a delimiter to separate address components.

SDP Address Standard

The FWG recommends that Canada Post be used as the address standard as it is the most widely accepted standard in Ontario.

¹ In addition to address and occupant change information, many other geo-locational elements were identified by the FWG as being useful to enhance the value of the MDM/R data; however, based on the established criteria for consideration within the Foundation Project, they were found to be beyond its scope. All these elements have been communicated to the MDM/R Data Access Platform (MDAP) project for their consideration.

The FWG recommends that, if necessary, the SME use post processing to parse address data provided to the MDM/R into a standard format to facilitate mapping using address information.

GPS Coordinates

The FWG recommends to the extent LDCs have collected GPS coordinates, (e.g. latitude and longitude) of their SDP addresses, that this information should be provided to the MDM/R on an optional basis.

OCCUPANT CHANGE

The FWG recommends that LDCs provide occupant change information to the MDM/R using one of the following approaches:

- Send changes in the SDP to Account ID relationship that indicates an occupant change in the premise (existing MDM/R functionality already utilized by some LDCs).
- Create a new date effective premise occupant change field for LDCs to send (new MDM/R functionality).

It was also noted that for some LDCs, other information already in the MDM/R might be usable to determine an occupant change at a premise. The FWG further recommends that the SME and LDCs should explore this possibility further to potentially reduce the implementation cost of providing occupant change information to the MDM/R.