

# Foundation Working Group Call for Nominations

Ontario has made a significant investment in smart meters and in the central repository for high quality, consistent residential and small commercial electricity consumption data. To build on this investment, the IESO is investigating how to enhance the value of the data set within Ontario's Meter Data Management and Repository (MDM/R).

The IESO is seeking nominations for membership on an expert working group to make recommendations on ways to enhance the value of residential and small commercial electricity consumption data by:

- Defining the information required to be associated with electricity consumption information (such as geo-location) to enable analysis of this information;
- The development of rules and protocols for data access by Third Parties that maintains the security and privacy of the information.

The IESO will work with the Working Group and the broader stakeholder community to achieve these objectives in the context of the '**Foundation Project.**'

## **Background**

This repository is currently being used by Local Distribution Companies (LDCs) in the processing and management of smart meter data to support billing of electricity customers on time-of-use rates. LDCs also use the MDM/R to retrieve interval energy consumption data to present to their customers.

This data set however could be utilized to support a number of other purposes besides billing including:

- designing conservation and demand response programs;
- provincial and regional system planning;
- policy development;
- academic research; and
- to support innovation in Ontario.

The Foundation Project is so-called as it lays the foundation for the purposes described above.

## **Foundation Working Group**

The project objectives are to be delivered primarily through a collaborative process with

stakeholders, involving both a Foundation Working Group and broader stakeholdering forums. The Foundation Working Group (FWG) will be comprised of a diverse group of stakeholders that may include data-related experts, data providers, innovators, LDCs, academia, researchers, municipalities and privacy experts. The collaborative process will be coordinated and facilitated by a senior project manager and facilitator, supported by resources from the IESO and the IESO's Smart Metering Entity team.

The topics to be discussed by the Working Group include:

- What data should be added to the consumption data to make it useful for broader analyses, e.g. geo-location information and information about the customer?
- What rules should be established to govern third party access?
  - Who can use what data and for what purpose?
  - What privacy and security framework needs to be in place?
- What conditions need to govern use of the data, including use agreements and non-disclosure agreements?

### **Roles and Responsibilities**

- Attend all meetings;
- Consider all inputs with regard to their own organization;
- Work collaboratively and constructively;
- Be committed to the successful development of the objectives of this project by being fully prepared for all meetings (e.g. reading materials provided by the IESO Project Team, completing assigned actionable items);
- Attend and support broader stakeholdering forums to communicate and receive feedback on the progress of the project; and,
- Members are expected to have the authority to commit time and resources to the Foundation Working Group.

A draft of the proposed Terms of Reference for the FWG has been posted on the Foundation Stakeholder Engagement [Webpage](#).

### **Time Commitments**

We are expecting 3 – 5 working group meetings of 1 - 1 ½ days in Toronto between April and September 2015 [exact details to be determined]. The goal is to have each session result in specific recommendations to the IESO on the issues discussed. The IESO team will be responsible for preparing materials for each meeting and post meeting follow up.

The IESO will cover reasonable travel and accommodation costs incurred to attend the meetings. It will not provide remuneration for time spent on FWG activities.

Members will be selected by the IESO based on selection criteria that will include:

- Expertise in the subject matter to be addressed by the FWG, including:
  - Law and policy relevant to data access and privacy;
  - Technical requirements regarding the MDM/R implementation;
  - LDC AMI and CIS systems and business processes;
  - GIS and data mapping;
  - Data analysis and manipulation; and,
  - Information security and privacy.
- LDC representatives knowledgeable about the major AMI and/or CIS systems as applicable, in order to ensure that required functions and interfaces are properly addressed;
- Representation of the views of electricity consumers;
- Representation from potential users of the data; and,
- Representation from potential providers of complementary data.

#### **Foundation Project –Scope and Context**

The Foundation Project is part of a broader suite of complementary initiatives looking at realizing the value of energy data. These initiatives include:

- The Ontario Green Button Initiative (GBI)
- The MDM/R Data Mart and Web Services Facility
- The MDM/R Data Access Platform (MDAP) business case

The IESO will be holding a conference call on Thursday March 26<sup>th</sup> to go over the role of the Working Group, the Terms of Reference and to answer any questions about the Call for Nominations. Stakeholders can register to participate by contacting [stakeholder.engagement@ieso.ca](mailto:stakeholder.engagement@ieso.ca)

The Working Group will be integrated into the IESO's stakeholder engagement process with the aim of ensuring an effective two-way flow of information to ensure:

- Stakeholders are able to effectively participate in all aspects of this project
- Final recommendations reflect the views and feedback from the broader stakeholder community.

The Foundation Project [Stakeholder Engagement Plan](#) provides further information on the relationship between the Working Group and broader stakeholders.

Nominations are due by **April 2, 2015; please send your nomination request to [stakeholder.engagement@ieso.ca](mailto:stakeholder.engagement@ieso.ca).**

Nominations should note the specific experience of the nominee that will contribute to achieving the objectives of the Foundation Working Group. Comments and suggestions regarding the draft FWG Terms of Reference are also welcome.