

MDM/R DATA ACCESS FOUNDATION (FOUNDATION)

Overview for IESO Stakeholder Advisory
Committees

March 5, 2015

Foundation Project: Objectives

Enhance the value of Ontario's investment in smart meters and in the central repository (the MDM/R)

- MDMR provides high quality, consistent residential and small commercial consumption data.
- currently used primarily for billing of electricity customers on time-of-use rates.

MDM/R data also offers significant potential value for CDM program design, system planning, policy development, academic research and innovation in Ontario.

Capturing that potential value will involve two requirements:

- Ensure that the consumption data sent to the MDM/R includes consistent data necessary to capture the analysis value of the full data set.
- Develop an agreed or mandated framework or protocol that governs third party access to meter data from the MDM/R and the MDM/R Data Mart, and builds in the necessary measures to ensure the security and privacy of the data.

Initiatives Enhancing the Value of Data

- **MDM/R**
 - In Operation
- **MDM/R Data Mart and Web Services Facility**
 - In Testing; Target 2015
- **MDM/R Data Access Foundation Project (Foundation)**
 - Initiated; Target Q3 2015
- **MDM/R Data Access Platform (MDAP)**
 - Ministry sponsored initiative in progress. Target 2015 for business case.
- **Green Button Initiative**
 - Ministry will be initiating consultations in Spring / Summer 2015

Objectives to be Achieved through a Stakeholder Driven process

- Working Group (WG) of approximately 12-15 people expert in the area of data and representing various interests to develop recommendations
- WG members to be selected from nominees based on expertise to seek and diversity of perspective, e.g.:
 - End use customers
 - Researchers and policy analysts
 - Municipalities
 - Data providers
 - LDCs
- Broad-based consultation
 - IESO and SME websites
 - Teleconferences/Webinars
 - All hands plenary session(s)

Project Timelines

- **March 2015 – project set-up**
 - Background research
 - Establish working group
 - Develop broad based communications mechanisms
- **April – September 2015 – recommendation development**
 - Working group meetings
 - Other stakeholdering
- **September 2015 Recommendations published for broader stakeholder feedback.**
- **October 2015 – Foundation project completion**

For Discussion

1. Do SAC members have initial thoughts or considerations about the initiative?
2. As we reach out to stakeholders, who specifically should we be speaking with?
3. Do the consultation topics listed above address the appropriate discussion areas?
4. How does SAC want to be updated about progress?