

SME License Order Working Group Update - Webinar #4

Call in number:

- Canada Local: +1-416-915-8942
- Canada Toll Free: +1-855-244-8680
- Event Number: 661 332 474
- Attendee ID: *check your WebEx session under Audio Connection*

Smart Metering Entity (SME) Licence Order Working Group

LDC Webinar #4

November 15th, 2016

Agenda

- New Data Elements Collection and Reporting Update
- Third Party Access Implementation Plan update
- Communications Calendar and Project Timelines Update
- Questions & Answers

New Data Elements Collection and Reporting Update

New Data Elements Collection Update

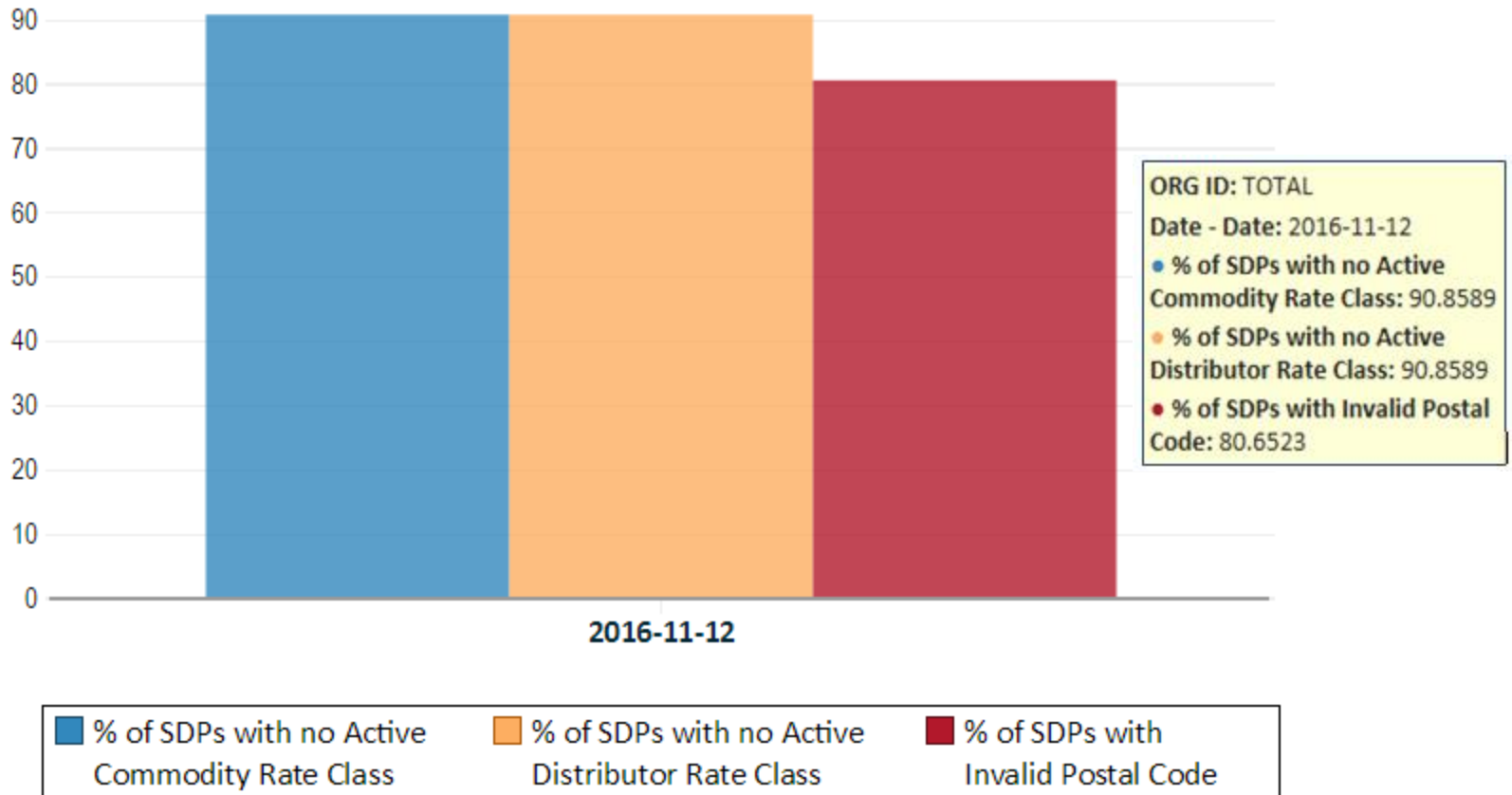
- Deployment of the new code to the MDM/R Production environment was completed on October 2nd, 2016
- MDM/R is ready to receive the new data elements as specified in the OEB Order and detailed in the updated MDM/R Technical Interface Specifications
 - Validation of the values for the Commodity Rate Class, the Distributor Rate Class, and the Occupancy Change values has been enabled
 - The 6 character Postal Code can be submitted however the validation of its conformity to the accepted values will be enabled effective January 1st

LDC Project Progress Reporting – Dashboard

- Starting October 17th, 2016, and updated **weekly**, LDCs will find their progress status for their synchronized Service Delivery Points (SDPs) published in the MDM/R LDC Metrics Dashboard.
- The SME published a “What’s New” communication to capture the above.
- The tab “**OEB Order Implementation**” in the Dashboard contains:
 - Summary bar graph with % of SDPs with no active Distributor Rate Class, Commodity Rate Class and invalid Postal Codes; and the associated table with the SDP counts.
 - Summary bar graph with total number of SDPs with a default Postal Code: W8W8W8 and SDPs with Occupant Changes in the current year.
 - Bar graph showing your specific LDC’s weekly progress

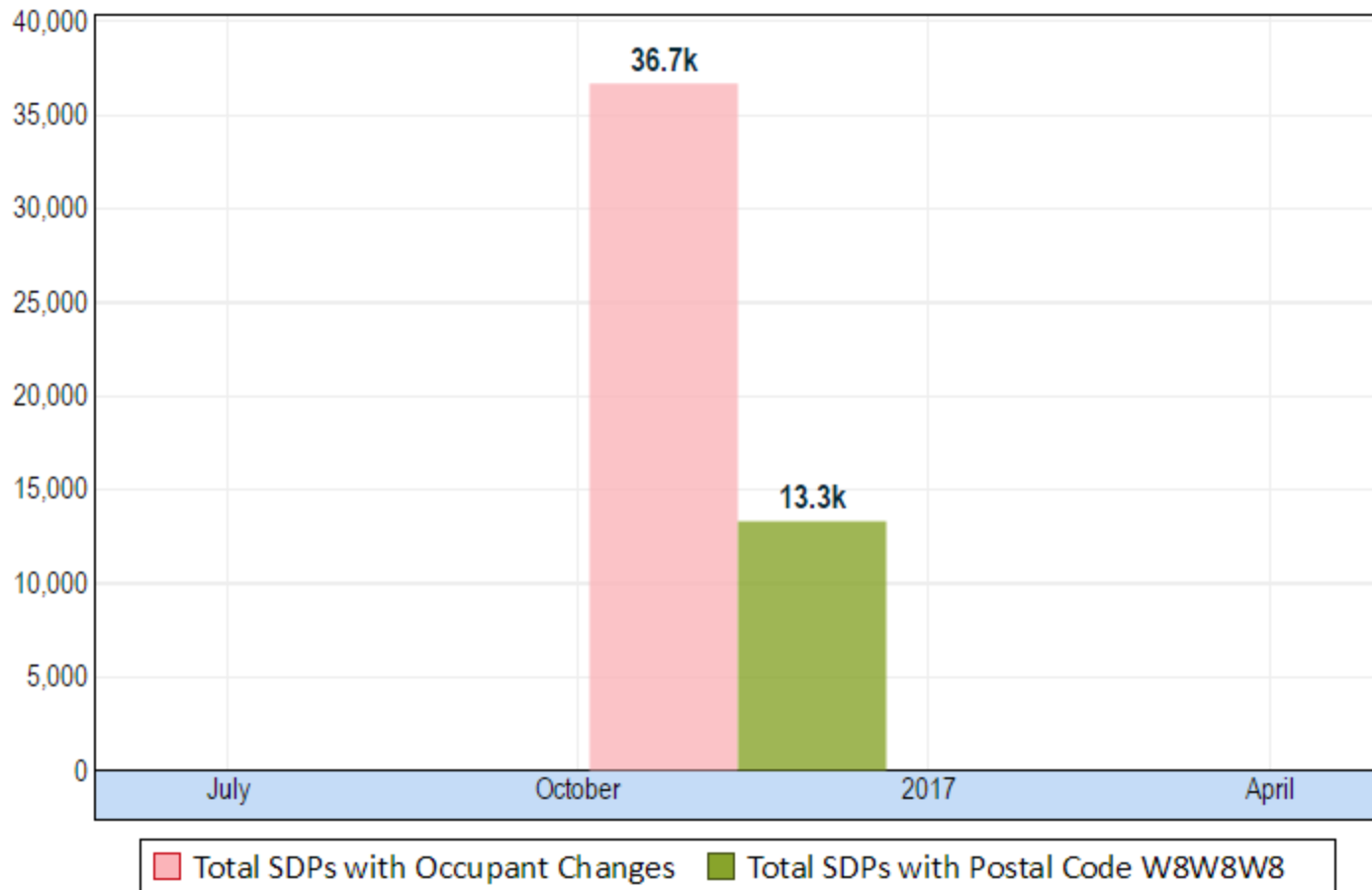
LDC Project Progress Reporting – Dashboard

Progress Tracking to OEB Order Implementation Weekly View



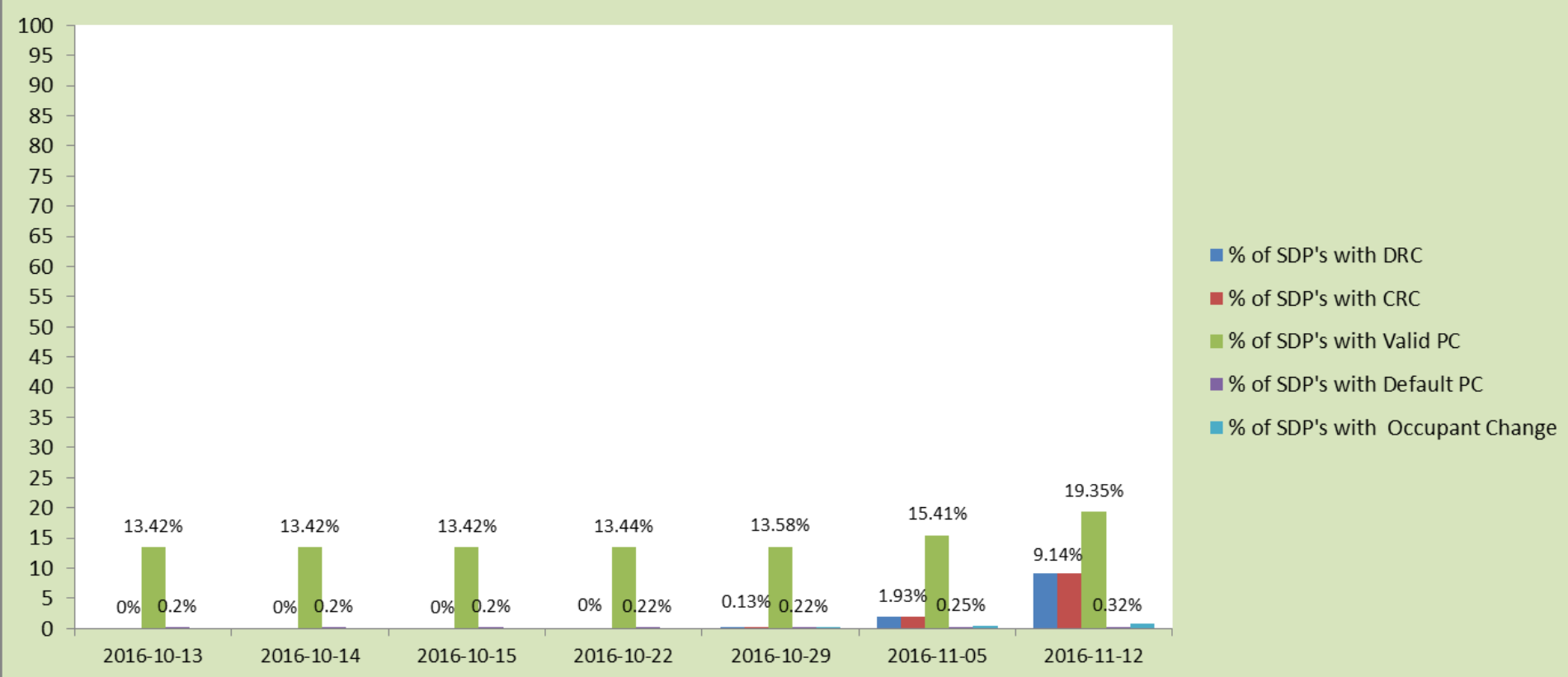
LDC Project Progress Reporting – Dashboard

Occupant Change and Default Postal Code Weekly View



LDC Project Progress Reporting – Provincial View

Progress to OEB Order EB-2015-0297 Implementation



LDC Project Progress Reporting – Status by LDC

LDC NAME	ACTIVE SDP COUNT	% of SDP's with Distributor Rate Class	% of SDP's with Commodity Rate Class	% of SDP's with Valid Postal Code
Powerstream	341,597	0.00%	0.00%	92.92%
EnWin Utilities Ltd.	88,221	97.99%	97.99%	99.97%
Atikokan Hydro Inc.	1,654	0.00%	0.00%	100.00%
Wellington North Power Inc.	3,716	100.00%	100.00%	100.00%
Niagara Peninsula Energy Inc.	53,083	0.00%	0.00%	81.74%
Chapleau Public Utilities Corp.	1,255	0.08%	0.08%	100.00%
Thunder Bay Hydro	50,453	0.00%	0.00%	92.80%
Hearst Power Distribution Company Ltd.	2,669	0.00%	0.00%	89.13%
Wasaga Distribution Inc.	13,279	99.98%	99.98%	99.97%
Hydro One Brampton	154,863	99.93%	99.93%	99.96%
Cambridge North Dumfries Hydro Inc.	63,880	98.56%	98.56%	99.99%
Kingston Electricity Distribution Ltd.	27,499	99.88%	99.88%	99.88%
Midland Power Utility Corp.	7,118	99.96%	99.96%	99.96%

Data as of November 12th, 2016

	Data Elements < 70%
	Data Elements >= 70% and < 95 %
	Data Elements >= 95%

LDC Project Progress Reporting – Monthly Report

- Starting in January 2017, on a monthly basis, a ticket will be generated on the first business day of the month that will include a report with:
 - The actual list of SDPs missing any of the three fields (Distribution Rate Class, Commodity Rate Class or a valid Postal Code)
- Those tickets will only be generated for LDCs who have missing elements.
- If the LDC does not resolve the ticket in 30 days, the ticket will be automatically closed and a new one will be generated for the following month.
- The SME will be prepared to provide the non-compliant USDP report to LDCs who submit all their data but the Dashboard indicates less than 100% compliance earlier than January.

LDC Project Progress Reporting – Monthly Report

- The Report will be provided in the standard MDM/R report format:

```
Run Date|ORGID|LDCNAME|USDP|No DRC|No CRC|Invalid PC
2016-10-09|ORG99999|ACME Hydro Inc.|11111111|Y|Y|L9L 1B8
2016-10-09|ORG99999|ACME Hydro Inc.|11111112| |Y|
2016-10-09|ORG99999|ACME Hydro Inc.|11111113|Y| |
2016-10-09|ORG99999|ACME Hydro Inc.|11111114| | |L9L 1B9
```

- The Dashboard will continue to be available for a summary of the completeness of the data.

Third Party Access Implementation Plan Update

Collection of data – Recent development

- On September 23rd, 2016, the IESO received a letter from Aird & Berlis LLP, representing the following LDCs:
 - Enersource Hydro Mississauga Inc.
 - Horizon Utilities Corporation
 - Hydro Ottawa Limited
 - Powerstream Inc.
 - Toronto Hydro-Electric Systems Limited
 - Veridian Connections Inc.
 - Hydro One Brampton Networks Inc.

Identified Concerns

1. “Certain of our Clients have residential service points in remote and urban areas which may include areas in which a resident is the sole resident in such area. This situation would result in a real risk of identifying individuals through reasonably available information, and as such, would be contrary to the terms of the Order. “
2. “We also have concerns surrounding the scope and determination of the disclosures permitted to Third-Party Recipients.”

SME Actions

- A meeting/conference call was held on October 4th with the IPC, the LDCs and their legal counsel.
- The SME described to the participants the overall privacy approach that was adopted for this project, as well as the privacy analysis methodology and results that concluded with the data collection specifications that were communicated and published to the LDCs in early June.
- Following the meeting, the IPC provided the SME with some clarifying questions, which the SME reviewed with Privacy Analytics, and has since provided the responses back to the IPC.

SME Actions – Concern 1

- The discussions with Privacy Analytics and the IPC concluded that, while the risk determination thresholds remain unchanged, the masking of the postal code for the unique situations whereby a single residential premise exists in a 6 character postal code would be adopted.
- LDCs who have a single residential premise in a six character postal code should use “W8W8W8” as the postal code for this premise for as long as this unique condition exists.
- The masking of the real postal code in these unique instances would be solely the responsibility of the LDCs, and is not within the control of the IESO.

SME Actions – Concern 1

- On October 31st, the SME sent a communication to all LDCs explaining this new change.
- On November 4th, the SME updated and re-published the Synchronization Technical Interface Specifications (TIS) as part of **RFC0020693**, and on November 8th, the SME sent a communication to all LDCs informing them of the updated TIS.
- The contract for Phase 2 of the privacy analysis has been signed. Using at least 6 months of real data collected, the scope of this phase will include the validation of the analysis done in Phase 1.

SME Actions – Concern 2

- The SME explained that the Third Party Access Implementation Plan, that was submitted to the OEB, provides a high level overview of the processes and requirements to initiate such a project, including the need to launch Phase 2 of the privacy analysis.
- Third Parties will not have access to any data until the detailed Third Party data sharing determination framework has been finalized (following Phase 2 of the privacy analysis), the necessary tools and resources are put in place for proper governance and operations, and all the required communications have been delivered.

Communications Calendar and Project Timeline Update

Communications Calendar Update

Communications Channel	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Working Group Meetings	✓	✓	✓	✓	✓	cancelled	✓	✓	Nov 29	Dec 15	Jan 19
IESO Stakeholder Engagement Website		✓	✓	✓	✓		✓	✓			
IESO Stakeholder Advisory Committee			✓			✓		✓			
IESO Webinars			✓	✓	✓				Nov 15		
IESO LDC Event							✓				
EDA Website / eBlast		✓	✓	✓	✓	✓	✓	✓			
EDA LDC Surveys		✓				✓					
SSC Meetings and LDC Open Calls	✓			✓			✓		Nov 22		
MDM/R Technical Panel Meetings					✓				Nov 4		
GO LIVE Communication											

Project Timeline – Status Update

Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17
Early meetings with various groups	Working Group Formed and Kick off Meeting	Ongoing Working Group Meetings									
Privacy vendor selection and contract negotiations		Conceptual Re-Identification Risk Determination Analysis Report received June 2016		Development of 3 rd Party Access Framework				SME License Application & TPA Plan	LDC Support		Go Live
Technical Scoping & Requirements			Development and SME internal testing of the new MDM/R code			New MDM/R code deployed to MDM/R Sandbox environment LDCs' testing	New MDM/R code deployed to MDM/R Production environment with Validation for new SDP Parameters excluding Postal Code				

Thank You!