

# Revenue Metering Standing Committee

## Minutes of Meeting

Date: Dec 12, 2017	Time held: 9:00 AM	Location held: Crowne Plaza, Toronto Airport	
No	Name	Company	Attendance Status (A)ttended; (R)egrets; (S)ubstitute
1	JoAnn Turner	Brookfield Renewable	A
2	Steve DelGuidice	EarthCorp Foundation	A
3	Mark Pearce	EnWin Utilities	R
4	Paul Rempel	EnWin Utilities	R
5	Hans Paris	Guelph Hydro	A
6	Rob Henschel	Alectra Utilities	R
7	Vito Genovese	Alectra Utilities	A
8	Afsaneh Goudarzi	Hydro One	A
9	Charles Qi (Zhanyue)	Hydro One	A
10	Jaspreet Nijjar	Hydro One	A
11	Mohnish Bilimoria	Hydro One	A
12	Paul Szymanski	Hydro One	A
13	Kris McPherson	Hydro Ottawa	R
14	Laurie Heuff	Hydro Ottawa	R
15	Muhammad Ali	OPG	A
16	Roger Ersil	OPUC	R
17	Dave Sharpe	PUI	A
18	Allan Yang	Rodan Energy Solutions	A
19	Bohdan Lunycz	Rodan Energy Solutions	A
20	Nishant Gehani	Rodan Energy Solutions	A
21	Jermaine Stern	Toronto Hydro	A
22	Michael Marchant	Toronto Hydro	R

23	Robert Cappadocia	Toronto Hydro	A
24	Miroslav Karlicic	Utilismart Corporation	A
25	Kevin Myers	Veridian	R
26	Mike Kuntz	Waterloo North Hydro	A
27	Robert Gudzak	Waterloo North Hydro	A
28	Ken Parkes	Alectra Utilities	A
29	Ted Villemaire	Alectra Utilities	A
30	Steven Lannon	OPG	A
31	Zahir Gohgari	IESO	A
32	Richard Zaworski	IESO	A
33	Robert Stancu	IESO	A
34	Christopher Reali	IESO	A
35	Neil Arcot	IESO	A

All meeting material is available on the IESO web site at: [IESO Revenue Metering Standing Committee](#).

RMSC Agenda Items/Minutes:

**1. Meter Installation Status Update (IESO – Richard Zaworski)**

- 1.1. There are approximately 3400 meters (82% of the population) which are communicating via TCP/IP
- 1.2. There are 24 meter installations on the IT permission list with seals expiring on December 31, 2017.

**2. 2017 Audit Program Recap – (IESO – Christopher Reali)**

- 2.1. An overall summary of the 2017 audit findings was provided. Specifically, 2 areas of concern were discussed; documentation and seal logs.
- 2.2. There has been an improvement to audit processing timelines as per feedback from the previous committee– reports have been issued in 10 business days for the large part.
- 2.3. A new audit list for 2018 will be provided in February or March. Please ensure that seal logs are up to date and all documentation is submitted.

**3. MR-00435-Q00 ; Station Service Obligation – (IESO – Christopher Reali)**

- 3.1. There will be an upcoming market rule amendment related to identifying and estimating station service
- 3.2. Hydro One raised comments regarding the desire for facility owners to provide the calculations. Others supported these comments, indicating the need for one estimate and clarifying the obligated person. Hydro One also raised comments regarding the need for clarifications regarding the obligations of the signing engineer and the submitting party.
- 3.3. The IESO committed to obtain further feedback and incorporate comments prior to the next redline version.

**4. MSP Performance Measures Reporting – (IESO – Zahir Gohgari)**

- 4.1. An overview of MSP performance was presented which provided aggregate results as per the performance measurement metrics.
- 4.2. Multiple members of the committee voiced concerns about the 2 business day turnaround on MTR's in the event that load has transferred elsewhere. This can be especially challenging if multiple feeders have been transferred to multiple locations.
- 4.3. The IESO committed to review these concerns once the VEE standard review commences in 2018.

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richard.zaworski@ieso.ca

## **5. Conformance Monitoring (IESO – Richard Zaworski)**

- 5.1. Attendees were presented with an overview of the IESO's conformance monitoring process as related to MSP obligations under Chapter 6 of the Market Rules and Appendices. Inputs into the process include MSP Performance Reports, Meter Installation Audit Reports and MSP Records and Procedures Audits.
- 5.2. MSP Performance concerns are addressed via compliance plans.
- 5.3. IESO to provide updates of the conformance monitoring program to MACD.

## **6. 2018 Initiatives – (IESO – Christopher Reali, Neil Arcot, Robert Stancu and Zahir Gohgari)**

- 6.1. Hardware Standard Initiative: Comments were noted to ensure that all past clarifications and presentations are built into the new hardware standard.
- 6.2. Form Automation: The IESO is developing a tool to allow Online IESO upload of forms 1299, 1300 and 1304. Several comments were noted to ensure the market manuals are updated, training is provided, and the ability to manage signing permissions seamlessly.
- 6.3. No Load Losses: The IESO identified a scenario where no-load losses are being incurred, but the supply to the transformer has been disconnected. In order to provide the ability to avoid such no-load losses the details of a new methodology will be provided at the next meeting.
- 6.4. MIRT Tool – There are upcoming front end application changes to the MIRT Tool to offer more registration functionality for different types of meters.

## **7. Measurement Canada/CEA Updates (IESO – Richard Zaworski)**

- 7.1. Measurement Canada (MC) and the Canadian Electricity Authority (CEA), in partnership with various stakeholders including the IESO, are reviewing the specification for the installation and use of approved meters used to establish legal units of measure under process S-E-YY.
- 7.2. MC will be publishing new requirements on the management of legal units of measure that meter vendors will need to meet. The rules will apply to any MC approved meter where a legal unit of measure is established outside the meter.
- 7.3. Once finalized, the IESO will ensure that any gaps in the Ontario wholesale meter population where this standard is not met will be brought forth to the RMSC.

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## **MSP Users Group Meeting**

### **8. Engineering Unit Reports (EUR) – (IESO – Zahir Gohgari)**

- 8.1. A new IESO process which will allow injected current to occur in the meter prior to installation in the field is expected to be introduced to alleviate the requirement to bring injected current equipment on site.
- 8.2. Several concerns were raised regarding the overall EUR process, the Registration Approval Notification (RAN) process, the magnitude of the required injected current (commissioning [0.25A] vs. EUR [0.1A]) and the continued need to perform an End to End test when replacing equipment 'like for like'
- 8.3. The IESO committed to clarifying these processes and the magnitude of injected current.

### **9. Unauthorized Time Resets – (IESO – Zahir Gohgari)**

- 9.1. A clarification was provided on a market rule that ensures that no Metered Market Participant shall in any manner modify a meter within a metering installation including the clock, unless authorized by the IESO.

### **10. Outage Meter Trouble Reports (IESO – Zahir Gohgari)**

- 10.1. The IESO communicated that MSPs should consider utilization of Outage MTR's for long term outages instead of the Communication MTR's.

### **11. IESO Records Update (IESO - Robert Stancu)**

- 11.1. The IESO conducted an exercise to move documents from Citadel to Online IESO resulting in approximately 76% of records completed in Online IESO

### **12. Walk in items**

- 12.1. The IESO is looking for feedback on the reasons for low performance on Measure 10 in the performance measures (Approval of Commissioning Reports). Any recommended improvements to this process will be evaluated by the IESO.

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Action Item Summary				
#	Date	Action	Status	Comments
1	May 16	IESO to investigate one button to link multiple single line diagrams (SLD) into one SLD.	In Progress	
2	Dec 12	IESO to obtain feedback from Hydro One on new Market Rule amendment prior to red line version	New	
3	Dec 12	IESO to review if MTR's are issued automatically in the event of load transfers – this should be a manual process	New	
4	Dec 12	IESO to ensure that all MSP requirements are considered in the roll out of automated form tools, training is provided and market rules are updated	New	
5	Dec 12	IESO to review injected load magnitude, RAN approval process and end to end test requirements for meter replacements	New	

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