



**Micro-Generation Regulation – Proposed Changes of Rule 021**

**Meeting Notes**

June 19, 2008 (9:30 a.m. – 2:00 p.m.)  
AUC Boardroom– Calgary

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**Meeting Chair:**

**AUC:** Rob Thomas, Raymond Lee

**Participants:**

**AESO:** Nancy Cameron, Kristy McDougall

**ATCO Electric:** Bruce Ramsay

**AUC:** Maxine Cunningham

**CAREA:** Christine Jasper, Ralph Steendam

**Cognera:** Keith Taylor

**Deyl Group Limited/DOE** Bob Deyl

**Direct Energy:** Anne Glass

**Enmax Encompass:** Robert Mackin

**Enmax Power Corporation:** Carlo Perri, Paul Lindsay

**EPCOR D & T:** Shun Fung

**Fortis Alberta:** Angela Corsi, Dan Devereaux

**Midas Metering:** Randy Clarke

**Valeo Power:** John Hutchison

**UCA:** Ron Henderson, Rick Cowburn

**Utilitynet:** Darel Davies

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Discussion Point	Outcome
1. Introduction	<ul style="list-style-type: none"> <li>• The meeting is a discussion session on the proposed changes due to the implementation of the Micro-Generation Regulation.</li> <li>• Timelines for Implementation of Rule 021 will also be discussed.</li> <li>• AUC indicated that meeting minutes and MG related business will be posted on the AUC's website.</li> </ul>
2. Meeting Objective	<ul style="list-style-type: none"> <li>• Key Objectives of this meeting:               <ul style="list-style-type: none"> <li>○ Review proposed changes</li> <li>○ Add further changes related to MG only, if needed</li> <li>○ Inform stakeholders of imminent Rule changes</li> </ul> </li> </ul>

<p><b>3. Discussion on proposed changes:</b></p> <p><b>Definitions, Load Profiling Methods, Load Settlement Calculations, Dispute Resolution Process, Performance Standards for MDM</b></p>	<ul style="list-style-type: none"> <li>• <b>Proposed changes brought for the with regards to the following:</b> <ol style="list-style-type: none"> <li>1. <b><u>Definition Section</u></b> <ul style="list-style-type: none"> <li>○ AESO commented on whether it was necessary to include, “this regulation expires on December 31, 2013” in Section 1 of the definitions. <i>It was collectively agreed that this item was unnecessary.</i></li> <li>○ The group suggested that there was no need for a mini micro generator definition in Section 1. <i>It was agreed to be removed from this section.</i></li> </ul> </li> <li>2. <b><u>Load Profiling Methods</u></b> <ul style="list-style-type: none"> <li>○ Fortis Alberta asked if section 3.5, Micro generation Customers with Interval Meters should be included in Section 4.</li> <li>○ Further discussion revolved around the intent of Section 3.5 and profiling the load.</li> <li>○ If the wire owner complies with the request of a micro-generation customer to install a bi-directional interval meter, the customer’s micro-generation is deemed to be large micro-generation.</li> <li>○ If the wire owner installs a bi-directional interval meter for some reason other than a customers request on a small micro-generation it is excluded from load settlement calculations.</li> <li>○ The MDM is responsible for GCM data provision. In addition the site consumption will be settled using cumulative consumption instead of interval data. The MDM will provide cumulative site consumption using DCM transaction instead of interval data using DIM transactions.</li> <li>○ AESO brought forth a discussion that was held to the end regarding Distributed Generation in section 4.6.1. Their concern was that there are a number of small pool participants with cumulative bi-directional meters. Their</li> </ul> </li> </ol> </li> </ul>
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pool generation currently is placed in the last hour of the month. Given the new Micro-Gen Regulation should those customers be encouraged or forced to Micro- Gen Regulation if applicable and if not should they be required to have an interval meter like all other distributed generation.

- *Stakeholders to provide comments to the AUC about how this issue should be dealt with and a conclusion shall be met.*
- **AESO: Concern on Section 4.6.4 1.a.i.**  
The comment was that this section doesn't have the asset ID, while both the site id and asset id becomes a unique ID as some might not recognize the Site ID. *It was noted by the group that Section 4.6.4.1.b has the Site Id and that the Asset ID does not necessarily belong in section a.*
- **FortisAlberta: Concern with Section 4.6.4.1.ii.** ; It seems that people may interpret this incorrectly and deem that when a micro generation is set up for an existing site, when the generator is ready for commissioning, the site must enroll again. *Appropriate changes were made.*
- Much discussion revolved around Section 4.6.4.1.iv.v , regarding the definition of commissioned and decommissioned and energized and de-energized. *Section 4.6.4.1.iv was agreed to be removed and added to the definition section.*
- *The group agreed to delete Section 4.6.4.1.a. vi, ix, x, as they were included in the Process Rules.*
- *The group agreed to alter Section 4.6.4.1.b.i.ii.iii, by excluding the "15 minutes" from the interval data, as well as excluding that the "transactions are subject to the same SSC rules as all other system level data in iii.*
- *It was also agreed upon to remove Section 4.6.4.1.b. iv, Section 4.6.4.1.c.iv.vi and instead include it in Table 6. Furthermore, the LSA was agreed to be the single point of contact for everyone.*

- *The group agreed to alter Section 4.6.4.1.c.i to read “The MDM will provide cumulative data to retailers using GCM transactions.”*
- *Fortis Alberta: Questioned whether AUC should be included in Section 4.6.4.2.b.i as they are responsible for passing the applications. “Approved” was removed from the section so the AUC did not have to be included.*
- *Section 4.6.4.2.b.iii was removed.*

### **3. Load Settlement Calculation**

- *Small micro-generation is excluded from load settlement calculations.*
- *A new section (4.6.4 Micro-Generation) is added to deal with Micro-generation.*
- *The section provides an overview of MG and process documents.*

### **4. Dispute Resolution Process**

- *Fortis Alberta proposed that PFAM should be replaced with the word dispute. It was agreed and the necessary changes took place throughout this section.*
- *With regard to Section 5.3.2, communications the LSA was chosen as the body that would act as the conduit for handling all small micro gen dispute claims. Furthermore the last sentence in that section regarding the path of communications was removed.*
- *A question on materiality Limit for PFAM Claims (either \$15 or \$250 should be used). AESO commented that Materiality is eligible for settlement only. The section was collectively agreed upon that it should be deleted.*

### **5. Performance Standards for Meter Data**

- *It was agreed that Section 11.3.2.4 Estimation of data should be added back into the Rule.*
- *It was agreed that Section 11.4.2.1 Validation Tests should be included*

	<p><b><i>“While small or mini micro generation is not part of the data set for load settlement ready, the following validations will also be considered for required validation tests.”</i></b></p> <ul style="list-style-type: none"> <li>○ <b><i>Further changes were agreed upon in Section 11.4.2.2 Editing of Data (Data Replacement) to delete “consistent historical generation is available” and replace with “other relevant information” as well as to delete “DCM” in the Estimated meter reading data requirement.</i></b></li> <li>○ <b><i>Section 11.4.2.3 Investigation and Notification was collectively agreed upon to move it to Table 6 as it is already covered in the transactions.</i></b></li> <li>○ <b><i>AESO did not agree with the strike out of section 11.4.4 Data Provision. This section was included in the Process Rules so it was unadjusted.</i></b></li> <li>○ <b><i>It was suggested to alter section 11.4.4 Data Performance Metrics to be consistent with the above changes. The section was removed and it was decided that alterations to Table 60 and 61 were needed.</i></b></li> </ul> <ul style="list-style-type: none"> <li>● <b>Proposed changes brought for the in regards to the <u>Proposed Transactions</u></b> <ul style="list-style-type: none"> <li>○ <b><i>Section 9.6.11.a Micro-Gen Interval Meter Reading to Retailers was adjusted to include “6) generation volumes in GIM and DSM must be equivalent for the same Asset ID and same period.</i></b></li> <li>○ <b><i>Table 15.A GIM Transaction Layout Section 9.8 must be updated with if sequence 16 (status code) of the transaction is used.</i></b></li> </ul> </li> </ul>
<p><b>4. Timelines</b></p>	<ul style="list-style-type: none"> <li>● <b>Timelines for the proposed changes on AUC Rule 021:</b> <ul style="list-style-type: none"> <li>○ <b>June 27, 2008- Posting proposed changes on AUC’s web for stakeholder comment</b></li> <li>○ <b>July 11, 2008 – Deadline for receiving stakeholders input</b></li> <li>○ <b>July 18, 2008 – Posting AUC response</b></li> </ul> </li> <li>● <b>August 1, 2008 – Posting final changes, Rule</b></li> </ul>

	takes effect on Jan 1, 2009.
<b>5. Action Items</b>	<ul style="list-style-type: none"> <li>• Stakeholders are required to send comments regarding AESO's question; "should all distributed generators be required to have interval meters. This would require a future change to Rule 021 and currently stated as parking lot issue.</li> <li>• AUC will send out a revised draft to stakeholders</li> <li>• AUC will post the proposed changes on June 27 and once again ask for Stakeholder comments which should be completed by July 11, 2008.</li> <li>• A redline document will be sent out separately to stakeholders.</li> <li>• July 18, 2008 AUC will post their response</li> <li>• August 1, 2008 the final changes will be posted.</li> </ul>
<b>Next Steps</b>	<ul style="list-style-type: none"> <li>• No meeting is scheduled in regards to changes of AUC Rule 021.</li> <li>• Stakeholders are expected to provide comments once the proposed changes of AUC Rule 021 is posted on the AUC's web.</li> </ul>