

## AUC Rule 021 (version 2.6): Proposed changes for 2016

[Stakeholder: 1772387 Alberta Limited Partnership (Encor), ATCO Electric, Cognera Corp. (Cognera), Direct Energy, ENMAX Energy Corporation (EEC), ENMAX Power Corporation (EPC), EPCOR Energy Alberta GP Inc. (EEA), FortisAlberta Inc. (FortisAlberta)]

Section	Subsection	Existing	Proposed changes	Stakeholder comment	AUC response
1 Definitions	1.2 Common abbreviations	GCM micro-generation cumulative meter consumption to retailers transaction	GCM micro-generation cumulative meter <del>consumption</del> <b>reading</b> to retailers transaction	<p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. No impact.</p>	
2 Responsibilities	2.13 Review of load settlement process	LSAs are required to conduct reviews/audits of their load settlement processes annually and sooner if significant changes to those processes have occurred that could impact the results of the processes. The Commission, at its discretion, may require an independent external review of an LSA's load settlement processes or load settlement engine. For both the annual review and independent external review, the auditor's findings and management responses must be made available to the Commission and to the ISO. Subject to the AUC Rule 001: Rules of Practice, as applicable, the auditor's findings and management responses will be considered by the Commission and by the ISO to be confidential information.	<p><del>LSAs are required to conduct reviews/audits of their load settlement processes annually and sooner if significant changes to those processes have occurred that could impact the results of the processes. The Commission, at its discretion, may require an independent external review of an LSA's load settlement processes or load settlement engine. For both the annual review and independent external review, the auditor's findings and management responses must be made available to the Commission and to the ISO. Subject to the AUC Rule 001: Rules of Practice, as applicable, the auditor's findings and management responses will be considered by the Commission and by the ISO to be confidential information.</del></p> <p><b>Each LSA is required to conduct an internal review of its load</b></p>	<p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p>	

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			<p>settlement processes within 30 calendar days of making a material change to those processes. This internal review is required to assess the impact of the change(s) made and to verify the adequacy of such processes after such change(s). The LSA must document this assessment and findings, and retain such record. A copy of this record must be provided to the Commission and to the ISO upon request.</p> <p>In its sole discretion, the Commission may order an audit to be conducted to verify the adequacy and accuracy of any LSA's load settlement processes and calculations. The auditor's costs and expenses are to be payable by the LSA. The LSA shall give the auditor access to any documents and provide such information as the auditor may request to conduct the audit.</p>	<p><b>FortisAlberta:</b> In favour. Update to internal process required to ensure internal reviews are scheduled for material changes to load settlement processes and results retained.</p>	
	<p>2.18 Transition of LSA/MDM/ WSP</p>	<p>None</p>	<p><b>2.18 Transition of LSA/MDM/WSP</b></p> <p>Any market participant who proposes to cause a change to the party performing the role and responsibilities of an LSA/MDM/WSP must provide written notice to each market participant that may be affected by the change. The written notice must be provided at least 90 calendar days prior to the date that the change is to take place. In addition to the written notice, both the current LSA/MDM/WSP and the new LSA/MDM/WSP designate must jointly submit a transition plan to both the AUC and to the ISO at least 60 calendar days prior to the effective date of the change. The transition plan must include the steps and processes to be carried out by the current and designated party to ensure that the transition of role and responsibilities will be done in a reasonable manner and will not disrupt the load settlement processes and other market participants' business processes or disrupt service to customers.</p>	<p><b>ATCO Electric:</b> ATCO Electric supports these proposed changes.</p> <p><b>Cognera:</b> Agreed. As per group discussions, Cognera anticipates feedback from market consultation will be included in submitted transition plans. Additionally, Cognera anticipates participants engaging in large scale initiatives will adjust notice dates accordingly vs. utilizing market minimum notice periods.</p> <p><b>EEA:</b> EEA has experienced a transition of LSA/MDM/WSP and can confirm that the proposed 90 day</p>	<p>Agreed.</p> <p>While the Commission acknowledges the concerns identified by EEA and Encor,</p>

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				<p>timeline is insufficient for the impacted parties to design and execute a plan.</p> <p>Based on our experience with this transition, EEA recommends the timeline for providing the written notice and submission of a transition plan be changed from 90 to 150 and from 60 to 120 respectively. This will provide sufficient timelines for the impacted market participants to update and align their processes for the transition.</p> <p>Per Rule 004, distributors are required to provide a minimum of 90 calendar days' notice prior to effective billing cycle adjustments. As these transitions may result in changes to billing cycles, the transition plans may also include changes to the billing cycle. As such, a longer timeline is required to allow impacted parties sufficient time to provide the notification per Rule 004.</p>	<p>as discussed in the AUC Rule 021 and Rule 028 Industry Consultation meetings, the intent of this section is to ensure that if a change in LSA/MDM/WSP is to occur, sufficient notice must be given to those market participants affected by the change. In addition, those market participants will have the opportunity to engage in a coordinated effort to come up with a transition plan that will prevent disruption in the market, and most importantly, service to customers.</p>

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				<p><b>Encor:</b> Encor recommends the timeline for providing the written notice and submission of a transition plan be changed from 90 to 150 and from 60 to 120 respectively. This will provide sufficient timelines for the impacted market participants to update and align their processes for the transition.</p> <p>Per Rule 004, distributors are required to provide a minimum of 90 calendar days' notice prior to effective billing cycle adjustments. As these transitions may result in changes to billing cycles, the transition plans may also include changes to the billing cycle. As such, a longer timeline is required to allow impacted parties sufficient time to provide the notification per Rule 004.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. Update to</p>	

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				internal process required to ensure transition plan and communication takes place.	
3 Load profiling methods	3.5 Micro-generation customers with interval meters	(2) If the wire owner installs a bi-directional interval meter on a small micro-generation site for some reason other than the customer's request, it is deemed to be small micro generation and the generation is excluded from load settlement calculations. The MDM is responsible for the micro-generation cumulative meter consumption to retailers transaction (GCM) provision. In addition, notwithstanding Section 3.4(2), the customer's load is settled according to the class profile, not according to its own interval data. The MDM will provide cumulative site consumption using daily cumulative meter consumption to retailers and LSA transactions (DCMs) instead of interval data using daily interval meter readings to retailers and LSA transactions (DIMs).	(2) If the wire owner installs a bi-directional interval meter on a small micro-generation site for some reason other than the customer's request, it is deemed to be small micro generation and the generation is excluded from load settlement calculations. The MDM is responsible for the micro-generation cumulative meter <b>consumption reading</b> to retailers transaction (GCM) provision. In addition, notwithstanding Section 3.4(2), the customer's load is settled according to the class profile, not according to its own interval data. The MDM will provide cumulative site consumption using daily cumulative meter consumption to retailers and LSA transactions (DCMs) instead of interval data using daily interval meter readings to retailers and LSA transactions (DIMs).	<p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlbera:</b> In favour. No impact.</p>	
5 Settlement Error Correction	5.3.3 Materiality threshold and process	<p>(1) For site-level errors identified by the LSA</p> <p>(a) Each LSA shall monitor its settlement system for changes to the data affecting periods already final settled. When such changes are identified, the LSA will identify the net difference between the consumption final settled and the consumption that would have been settled had the updated information been provided to the LSA prior to final settlement.</p> <p>(b) Where the net difference in consumption identified as per Section 5.3.3(1)(a) above is plus or minus 100 kWh or greater, the LSA shall allocate the net difference to hourly intervals and prepare a retailer specific adjustment (RSA) transaction set as per Section 5.3.5(3)(a). The LSA has the option of preparing and submitting the RSA transaction sets at the same time the changes to the data are identified</p>	<p>(1) For site-level errors identified by the LSA</p> <p>(a) Each LSA shall monitor its settlement system for changes to the data affecting periods already final settled. When such changes are identified, the LSA will identify the net difference between the consumption final settled and the consumption that would have been settled had the updated information been provided to the LSA prior to final settlement.</p> <p>(b) Where the net difference in consumption identified as per Section 5.3.3(1)(a) above is plus or minus 100 kWh or greater, the LSA shall allocate the net difference to hourly intervals and prepare a retailer specific adjustment (RSA) transaction set as per Section 5.3.5(3)(a). The LSA has the option of preparing and submitting the RSA transaction sets at the same time the changes to the data are identified</p>	<p><b>ATCO Electric:</b> ATCO Electric supports these proposed changes.</p> <p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC is fine with the minor change made.</p>	EPC's comments can be further

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		<p>or of preparing and submitting them monthly in time for the ISO final statement as per Section 5.3.7(1).</p> <p>(c) In order to ensure that the LSA has had sufficient time to process the RSA transaction set, parties other than the LSA should withhold submitting a PFAM application form after identifying an error until the LSA is able to process the RSA transaction set as per the LSA's processes and timelines as identified on the AUC website.</p>	<p>or of preparing and submitting them monthly in time for the ISO final statement as per Section 5.3.7(1).</p> <p>(c) In order to ensure that the LSA has had sufficient time to process the RSA transaction set, parties other than the LSA should withhold submitting a PFAM application form after identifying an error until the LSA is able to process the RSA transaction set as per the LSA's processes and timelines, as identified on the AUC website.</p>	<p>However; for consistency in the market we would like to see a definitive time frame set (such as 65 days after final settlement) before retailers (or other parties) could submit a PFAM to the LSA.</p> <p><b>FortisAlbera:</b> In favour. No impact.</p>	<p>discussed with stakeholders during the regular AUC Rule 021 and Rule 028 Industry Consultation meetings.</p>																																												
7 Information exchange	7.1 Business transactions  Table 4. Business process flows and transaction sets required for load settlement	<p>Table 4. Business process flows and transaction sets required for load settlement</p> <table border="1" data-bbox="526 784 1198 1528"> <thead> <tr> <th>Transaction set</th> <th>Transaction</th> <th>Standard content required?</th> <th>Electronic transmittal required?</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>Micro-generation transaction set</b></td> </tr> <tr> <td></td> <td>A. Micro-generation interval meter readings to retailers (GIM)</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>B. Micro-generation cumulative meter consumption to retailers (GCM)</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>C. Micro-generation retailer notification (GRN)</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>D. Micro-generation retailer</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>	Transaction set	Transaction	Standard content required?	Electronic transmittal required?	<b>Micro-generation transaction set</b>					A. Micro-generation interval meter readings to retailers (GIM)	✓	✓		B. Micro-generation cumulative meter consumption to retailers (GCM)	✓	✓		C. Micro-generation retailer notification (GRN)	✓	✓		D. Micro-generation retailer	✓	✓	<p>Table 4. Business process flows and transaction sets required for load settlement</p> <table border="1" data-bbox="1284 784 1956 1528"> <thead> <tr> <th>Transaction set</th> <th>Transaction</th> <th>Standard content required?</th> <th>Electronic transmittal required?</th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>Micro-generation transaction set</b></td> </tr> <tr> <td></td> <td>A. Micro-generation interval meter readings to retailers (GIM)</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>B. Micro-generation cumulative meter consumption reading to retailers (GCM)</td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>C. Micro-generation retailer notification (GRN)</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>	Transaction set	Transaction	Standard content required?	Electronic transmittal required?	<b>Micro-generation transaction set</b>					A. Micro-generation interval meter readings to retailers (GIM)	✓	✓		B. Micro-generation cumulative meter consumption reading to retailers (GCM)	✓	✓		C. Micro-generation retailer notification (GRN)	✓	✓	<p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlbera:</b> In favour. No impact.</p>	
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		<p style="text-align: center;">summary (GRS)</p>	<p style="text-align: center;">D. Micro-generation retailer summary (GRS)</p>																						
9 Information exchange standards	9.4.2 File naming convention	<p>(1) All transactions of the same type for a period (usually one day) are to be placed in a single CSV format file. The standard file naming convention is:</p> <p style="text-align: center;">TRX_From_To_YYYYMMDDHHMISS.CSV or TRX_From_To_YYYYMMDDHHMISS.csv</p> <p>where,</p> <table border="0" style="margin-left: 40px;"> <tr> <td style="padding-right: 20px;">TRX</td> <td>Three-letter abbreviation for the transaction name (e.g. "SRR"). The three letters must be in upper case format.</td> </tr> <tr> <td>From</td> <td>ID of the sender (e.g. WSP ID, retailer ID, LSA ID, MDM ID)</td> </tr> <tr> <td>To</td> <td>ID of the receiver (e.g. WSP ID, retailer ID, LSA ID, MDM ID, ISO ID)</td> </tr> <tr> <td>YYYYMMDD</td> <td>Date the file was created</td> </tr> <tr> <td>HHMISS</td> <td>Time the file was created on a 24-hour clock.</td> </tr> </table> <p>(2) In the case where the file has no single recipient such as in SSI and SPI transactions, the "To_" may be omitted from the file name. The file name would be as follows:</p> <p style="text-align: center;">TRX_From_YYYYMMDDHHMISS.CSV or TRX_From_YYYYMMDDHHMISS.csv</p> <p>(3) For transactions with the Transaction Status Code field populated, a response file (a mirrored-back transaction file) may be delivered to the sender. Its purpose is to notify the sender of any errors in individual transactions. The file naming convention for the response files would</p>	TRX	Three-letter abbreviation for the transaction name (e.g. "SRR"). The three letters must be in upper case format.	From	ID of the sender (e.g. WSP ID, retailer ID, LSA ID, MDM ID)	To	ID of the receiver (e.g. WSP ID, retailer ID, LSA ID, MDM ID, ISO ID)	YYYYMMDD	Date the file was created	HHMISS	Time the file was created on a 24-hour clock.	<p>(1) All transactions of the same type for a period (usually one day) are to be placed in a single CSV format file. The standard file naming convention is:</p> <p style="text-align: center;">TRX_From_To_YYYYMMDDHHMISS.CSV or TRX_From_To_YYYYMMDDHHMISS.csv</p> <p>where,</p> <table border="0" style="margin-left: 40px;"> <tr> <td style="padding-right: 20px;">TRX</td> <td>Three-letter abbreviation for the transaction name (e.g. "SRR"). The three letters must be in upper case format.</td> </tr> <tr> <td>From</td> <td>ID of the sender (e.g. WSP ID, retailer ID, LSA ID, MDM ID)</td> </tr> <tr> <td>To</td> <td>ID of the receiver (e.g. WSP ID, retailer ID, LSA ID, MDM ID, ISO ID)</td> </tr> <tr> <td>YYYYMMDD</td> <td>Date the file was created</td> </tr> <tr> <td>HHMISS</td> <td>Time the file was created on a 24-hour clock.</td> </tr> </table> <p>(2) In the case where the file has no single recipient such as in SSI and SPI transactions, the "To_" may be omitted from the file name. The file name would be as follows:</p> <p style="text-align: center;">TRX_From_YYYYMMDDHHMISS.CSV or TRX_From_YYYYMMDDHHMISS.csv</p> <p>(3) For transactions with the Transaction Status Code field populated, a response rejected file (a mirrored-back transaction file) may be delivered returned to the original sender. Its purpose is to notify the sender of any errors</p>	TRX	Three-letter abbreviation for the transaction name (e.g. "SRR"). The three letters must be in upper case format.	From	ID of the sender (e.g. WSP ID, retailer ID, LSA ID, MDM ID)	To	ID of the receiver (e.g. WSP ID, retailer ID, LSA ID, MDM ID, ISO ID)	YYYYMMDD	Date the file was created	HHMISS	Time the file was created on a 24-hour clock.	<p><b>ATCO Electric:</b> ATCO Electric supports these proposed changes.</p> <p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> Not in favor, suggest additional wording.</p> <p>But since in (3) the example file name is removed, clarification necessary where R is placed at the end.</p> <p>Suggest: "The rejected file would be returned using the file name under which it was received with an "R" appended at the end of the file name."</p>	<p>The AUC will change Section 9.4.2(3) to read: "For transactions with the Transaction Status Code field populated, a rejected file may be returned to the original sender to notify the sender of any errors in individual transactions. The rejected file would be returned using the file name under</p>
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		be as follows:  TRX_From_To_YYYYMMDDHHMISSR.CSV or TRX_From_To_YYYYMMDDHHMISSR.csv	in individual transactions. The rejected file would be returned using the file name under which it was received with an “R” appended at the end. The file naming convention for the response files would be as follows:  <del>TRX_From_To_YYYYMMDDHHMISSR.CSV or            TRX_From_To_YYYYMMDDHHMISSR.csv</del>	System changes necessary to return file using the file name which it was received with. We currently change to From and To of the file name.	which it was received, with an “R” appended at the end of the file name before the .CSV or .csv.  The Commission would expect FortisAlberta to make the necessary changes when it is undergoing a major system change and to advise the Commission and market participants of the timing of the change.																								
	9.4.6.14 Site ID catalogue transaction (SID) – process rules and content  Table 5. Site ID catalogue transaction (SID)	Table 5. Site ID catalogue transaction (SID) <table border="1" data-bbox="508 906 1150 1513"> <thead> <tr> <th>Sequence</th> <th>Field</th> <th>Data type/size</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>30</td> <td>Area Name</td> <td>Varchar (20)</td> <td><b>Optional field</b> – Populated at sender’s discretion. Oilfield name, subdivision name, etc.</td> </tr> <tr> <td>31</td> <td>Cluster Correlation Key</td> <td>Number (6)</td> <td><b>Optional field</b> – Populated at sender’s discretion. Identifies a grouping of sites which are normally handled jointly with regards to enrolment.</td> </tr> </tbody> </table>	Sequence	Field	Data type/size	Description	30	Area Name	Varchar (20)	<b>Optional field</b> – Populated at sender’s discretion. Oilfield name, subdivision name, etc.	31	Cluster Correlation Key	Number (6)	<b>Optional field</b> – Populated at sender’s discretion. Identifies a grouping of sites which are normally handled jointly with regards to enrolment.	Table 5. Site ID catalogue transaction (SID) <table border="1" data-bbox="1266 906 1881 1513"> <thead> <tr> <th>Sequence</th> <th>Field</th> <th>Data type/size</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>30</td> <td>Area Name</td> <td>Varchar (2030)</td> <td><b>Optional field</b> – Populated at sender’s discretion. Oilfield name, subdivision name, etc.</td> </tr> <tr> <td>31</td> <td>Cluster Correlation Key</td> <td>Number (613)</td> <td><b>Optional field</b> – Populated at sender’s discretion. Identifies a grouping of sites which are normally handled jointly with regards to enrolment.</td> </tr> </tbody> </table>	Sequence	Field	Data type/size	Description	30	Area Name	Varchar (2030)	<b>Optional field</b> – Populated at sender’s discretion. Oilfield name, subdivision name, etc.	31	Cluster Correlation Key	Number (613)	<b>Optional field</b> – Populated at sender’s discretion. Identifies a grouping of sites which are normally handled jointly with regards to enrolment.	<b>ATCO Electric:</b> ATCO Electric supports this change.  <b>Cognera:</b> No comment.  <b>EEA:</b> EEA has no concerns.  <b>Encor:</b> Encor has no concerns.  <b>EPC:</b> EPC agrees with the change.  <b>FortisAlberta:</b> In favour. System changes	
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				necessary to allow increase field sizes.	
	9.6.1.4 Micro-generation cumulative meter consumption to retailers transaction (GCM) – process rules and content	9.6.1.4 Micro-generation cumulative meter consumption to retailers transaction (GCM) – process rules and content	9.6.1.4 Micro-generation cumulative meter <b>consumption reading</b> to retailers transaction (GCM) – process rules and content	<p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. No impact.</p>	
		Table 9. Microgeneration cumulative meter consumption to retailers transaction (GCM)	Table 9. Microgeneration cumulative meter <b>consumption reading</b> to retailers transaction (GCM)	<p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. No impact.</p>	

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	<p>9.6.2.4.1 Daily system measurement transaction (DSM) – process rules and content</p> <p>Table 13. Daily system measurement transaction (DSM)</p>	<p>Table 13. Daily system measurement transaction (DSM)</p> <table border="1" data-bbox="513 305 1153 537"> <thead> <tr> <th>Sequence</th> <th>Field</th> <th>Data type/size</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>MWh</td> <td>Number (12,7)</td> <td><b>Mandatory field</b> – Net active energy transferred in the interval (signed values only).</td> </tr> </tbody> </table>	Sequence	Field	Data type/size	Description	7	MWh	Number (12,7)	<b>Mandatory field</b> – Net active energy transferred in the interval (signed values only).	<p>Table 13. Daily system measurement transaction (DSM)</p> <table border="1" data-bbox="1271 305 1970 565"> <thead> <tr> <th>Sequence</th> <th>Field</th> <th>Data type/size</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>MWh</td> <td>Number (12,7)</td> <td><b>Mandatory field</b> – Net active energy transferred in the interval (<b>signed positive and zero</b> values only).</td> </tr> </tbody> </table>	Sequence	Field	Data type/size	Description	7	MWh	Number (12,7)	<b>Mandatory field</b> – Net active energy transferred in the interval ( <b>signed positive and zero</b> values only).	<p><b>ATCO Electric:</b> ATCO Electric supports these proposed changes.</p> <p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. System changes may be necessary to check allowable values.</p>	
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Sequence	Field	Data type/size	Description																		
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	<p>9.6.3.1(4) Select retailer request transaction (SRR) – process rules and content</p>	<p>(1) The retailer shall send an update customer information transaction (UCI), as detailed in Section 9.6.4, with an SRR for the site to be enrolled. The UCI must be populated as per Section 9.6.4.</p> <p>(2) The LSA may reject an enrolment if a UCI is not received. An enrolment may not be rejected on the basis of a failed UCI. The LSA’s validation process for enrolment may only include that a populated UCI was received.</p> <p>(3) If the UCI in question is rejected by the WSP, the retailer must send a corrected UCI within one business day of the effective date of the enrolment. For example, if a site becomes effective at 00:00 on March 27, and the UCI is rejected due to transaction errors, the retailer must send a corrected UCI by 00:00 on March 28.</p> <p>(4) The WSP shall track by retailer the number of UCIs</p>	<p>(1) The retailer shall send an update customer information transaction (UCI), as detailed in Section 9.6.4, with an SRR for the site to be enrolled. The UCI must be populated as per Section 9.6.4.</p> <p>(2) The LSA may reject an enrolment if a UCI is not received. An enrolment may not be rejected on the basis of a failed UCI. The LSA’s validation process for enrolment may only include that a populated UCI was received.</p> <p>(3) If the UCI in question is rejected by the WSP, the retailer must send a corrected UCI within one business day of the effective date of the enrolment. For example, if a site becomes effective at 00:00 on March 27, and the UCI is rejected due to transaction errors, the retailer must send a corrected UCI by 00:00 on March 28.</p> <p><del>(4) The WSP shall track by retailer the number of UCIs</del></p>	<p><b>ATCO Electric:</b> ATCO Electric supports this change.</p> <p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with</p>																	

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		rejected as per Section 9.6.3.1(3) above and report monthly to the ISO.	rejected as per Section 9.6.3.1(3) above and report monthly to the ISO.	the change.  <b>FortisAlberta:</b> In favour. No impact.																	
	9.6.4.1 Update customer information transaction (UCI) – process rules and content  Table 22. Update customer information transaction (UCI)	<p>Table 22. Update customer information transaction (UCI)</p> <table border="1" data-bbox="513 467 1104 1227"> <thead> <tr> <th>Sequence</th> <th>Field</th> <th>Data type/size</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>52</td> <td>Critical To Have Power Flag</td> <td>Char(1)</td> <td> <p><b>Optional field –</b> Populated at sender’s discretion (with appropriate medical supporting documentation on record).</p> <p>“Y” if it is critical for this customer to have power due to medical needs.</p> <p>“N” or [null] if not. (In order for the distributor to de-energize this site, this field must have a value of “N” or [null]).</p> </td> </tr> </tbody> </table>	Sequence	Field	Data type/size	Description	52	Critical To Have Power Flag	Char(1)	<p><b>Optional field –</b> Populated at sender’s discretion (with appropriate medical supporting documentation on record).</p> <p>“Y” if it is critical for this customer to have power due to medical needs.</p> <p>“N” or [null] if not. (In order for the distributor to de-energize this site, this field must have a value of “N” or [null]).</p>	<p>Table 22. Update customer information transaction (UCI)</p> <table border="1" data-bbox="1271 467 1849 1255"> <thead> <tr> <th>Sequence</th> <th>Field</th> <th>Data type/size</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>52</td> <td>Critical To Have Power Flag</td> <td>Char(1)</td> <td> <p><b>Optional field –</b> Populated at sender’s discretion (with appropriate medical supporting documentation on record).</p> <p>“Y” if it is critical for this customer to have power due to <b>human</b> medical needs.</p> <p>“N” or [null] if not. (In order for the distributor to de-energize this site, this field must have a value of “N” or [null]).</p> </td> </tr> </tbody> </table>	Sequence	Field	Data type/size	Description	52	Critical To Have Power Flag	Char(1)	<p><b>Optional field –</b> Populated at sender’s discretion (with appropriate medical supporting documentation on record).</p> <p>“Y” if it is critical for this customer to have power due to <b>human</b> medical needs.</p> <p>“N” or [null] if not. (In order for the distributor to de-energize this site, this field must have a value of “N” or [null]).</p>	<p><b>ATCO Electric:</b> ATCO Electric supports this change.</p> <p><b>Cognera:</b> As per discussions, Cognera understands that C&amp;I sites with human medical need can be flagged as Y at the Retailer’s discretion if human medical need is determined (i.e. hospital, hospice, water lift station, etc.).</p> <p>Clarification: What is deemed appropriate medical documentation for C&amp;I sites with human medical need?</p>	<p>Agreed.</p> <p>During the 2013 AUC Rule 021 and Rule 028 Industry Consultation meetings, it was determined that the Critical To Have Power Flag was to contain a “Y” only in the case of protecting human life. Retailers and Regulated Rate Providers (RRPs) were to determine their own medical documentation requirements. Retailers and RRP are responsible for</p>
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										<p>managing the flag. Similarly, distributors are expected to keep track of critical to have power sites.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. No impact.</p>																			
	9.6.5.2 Update site address transaction (USA) – process rules and content Table 25. Update site address transaction (USA)	Table 25. Update site address transaction (USA)				Table 25. Update site address transaction (USA)				<p><b>ATCO Electric:</b> ATCO Electric supports this change.</p> <p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In</p>																			
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		enrolment.	enrolment.	favour. System changes necessary to allow increase field sizes.	
	9.6.7 Energize/de-energize site	<p>(1) The energize request transaction (ENR) and the de-energize request transaction (DER) are initiated by either the customer or the retailer to request energization or de-energization of a site. Whether initiated by the customer or the retailer, the retailer sends the transactions to the WSP to request the work to be completed. If the retailer is requesting energization of a site, the retailer sends an energize request transaction (ENR) to the WSP. If the retailer is requesting de-energization of a site, the retailer sends a de-energize request transaction (DER) to the WSP.</p> <p>(2) In response to the transactions, the WSP either completes the work and sends a completion transaction, or fails back the transaction with a failure transaction. If a retailer switch as described in Section 7.4 occurs in between the requesting transaction (i.e. ENR or DER) and the completion of the work, the WSP shall do the following:</p> <p>(a) If the requesting transaction is an ENR, the WSP shall continue to proceed with completion of the energization and send an energize completion transaction to the requesting retailer.</p> <p>(b) If the requesting transaction is a DER, the WSP shall cancel the request, fail the order by sending a de-energize failure transaction (DEF) to the requesting retailer and populate the De-energize Failure Reason Code field with “0008” (invalid retailer ID for site).</p> <p>(3) The WSP shall send the completion notification transactions (ENCs, ENFs, DECs and DEFs) resulting from energize and de-energize request transactions a minimum of once per hour between 6 a.m. and 7 p.m. and at least once between 7 p.m. and 6 a.m. each day.</p> <p>(a) An exception to the performance standard stated in Section 9.6.7(3) above shall be permitted for scheduled maintenance or for other reasons that are specifically approved by the AUC, not to exceed two</p>	<p>(1) The energize request transaction (ENR) and the de-energize request transaction (DER) are initiated by either the customer or the retailer to request energization or de-energization of a site. Whether initiated by the customer or the retailer, the retailer sends the transactions to the WSP to request the work to be completed. If the retailer is requesting energization of a site, the retailer sends an energize request transaction (ENR) to the WSP. If the retailer is requesting de-energization of a site, the retailer sends a de-energize request transaction (DER) to the WSP.</p> <p>(2) In response to the transactions, the WSP either completes the work and sends a completion transaction, or fails back the transaction with a failure transaction. If a retailer switch as described in Section 7.4 occurs in between the requesting transaction (i.e. ENR or DER) and the completion of the work, the WSP shall do the following:</p> <p>(a) If the requesting transaction is an ENR, the WSP shall continue to proceed with completion of the energization and send an energize completion transaction to the requesting retailer.</p> <p>(b) If the requesting transaction is a DER, the WSP shall cancel the request, fail the order by sending a de-energize failure transaction (DEF) to the requesting retailer and populate the De-energize Failure Reason Code field with “0008” (invalid retailer ID for site).</p> <p>(3) The WSP shall send the completion notification transactions (ENCs, ENFs, DECs and DEFs) resulting from energize and de-energize request transactions a minimum of once per hour between 6 a.m. and 7 p.m. and at least once between 7 p.m. and 6 a.m. each day.</p> <p>(a) An exception to the performance standard stated in Section 9.6.7(3) above shall be permitted for scheduled maintenance or for other reasons that are</p>	<p><b>ATCO Electric:</b> ATCO Electric supports this change.</p> <p><b>Cognera:</b> No comment</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. No Impact, possible internal KPI reporting changes.</p>	

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	9.7 Transaction sets with standard content	9.7 Transaction sets with standard content The following transaction sets do not require electronic transmittal or standard format.	9.7 Transaction <b>sets</b> with standard content The following transaction <b>sets</b> <b>does</b> not require electronic transmittal <b>or standard format</b> .	<p><b>Cognera:</b> No comment</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. No impact.</p>																																																									
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		0070	Red Deer	Jan 01, 2001	Jan 01, 2009	0070	Red Deer	Jan 01, 2001	<del>Jan 01, 2009</del>	FortisAlberta: In favour. No impact.	
		0080	Ponoka	Jan 01, 2001	Jan 01, 2009	0080	Ponoka	Jan 01, 2001	<del>Jan 01, 2009</del>		
		0090	Fort Macleod	Jan 01, 2001	Jan 01, 2009	0090	Fort Macleod	Jan 01, 2001	<del>Jan 01, 2009</del>		
		0100	Cardston	Jan 01, 2001	Jan 01, 2009	0100	Cardston	Jan 01, 2001	<del>Jan 01, 2009</del>		
		0110	SouthAlta REA	Jan 01, 2001	Jan 01, 2009	0110	SouthAlta REA	Jan 01, 2001	<del>Jan 01, 2009</del> Jan 01, 2013		
		0120	Rocky REA	Jan 01, 2001	Jan 01, 2009	0120	Rocky REA	Jan 01, 2001	<del>Jan 01, 2009</del>		
		0121	Horseguard REA	Jan 01, 2001	Jan 01, 2009	0121	Horseguard REA	Jan 01, 2001	<del>Jan 01, 2009</del> Sept 08, 2005		
		0130	Central REA	Jan 01, 2001	Jan 01, 2009	0130	Central REA	Jan 01, 2001	<del>Dec 31, 2012</del> Jan 01, 2013		
		0140	Battle River REA	Jan 01, 2001	Jan 01, 2009	0130	Central REA	Jan 01, 2001	<del>Dec 31, 2012</del> Jan 01, 2013		
		0150	Barrhead REA	Jan 01, 2001	Jan 01, 2009						
		0151	Duffield REA	Jan 01, 2001	Jan 01, 2009	0130	EQUUS REA	Jan 01, 2013			
		0153	Wild Rose REA	Jan 01, 2001	Jan 01, 2009	0140	Battle River REA	Jan 01, 2001	<del>Jan 01, 2009</del> Aug 11, 2015		
		0154	Yellowhead REA	Jan 01, 2001	Jan 01, 2009	0140	Battle River Power Coop	Aug 11, 2015			
		0155	N Parkland REA	Jan 01, 2001	Jan 01, 2009	0150	Barrhead REA	Jan 01, 2001	<del>Jan 01, 2009</del> Mar 08, 2002		
		0156	Sion REA	Jan 01, 2001	Jan 01, 2009	0151	Duffield REA	Jan 01, 2001	<del>Jan 01, 2009</del>		
		0160	Manning REA	Jan 01, 2001	Jan 01, 2009	0153	Wild Rose	Jan 01,	<del>Jan 01,</del>		
		0165	Lakeland REA	Jan 01, 2001	Jan 01, 2009						

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		2080	Simmarix	Jan 01, 2001	Sep 30, 2009	Y	Y									FortisAlberta: In favour.		
		2090	Fort MacLeod	Jan 01, 2001		2020	2020											
		2100	Cardston	Jan 01, 2001		2020	2020											
		2110	SouthAlta REA	Jan 01, 2001														
		2120	Rocky REA	Jan 01, 2001		Y												
		2121	Horseguard REA	Jan 01, 2001														
		2130	Central REA	Jan 01, 2001		Y		Y										
		2140	Battle River REA	Jan 01, 2001		Y												
		2150	Barrhead REA	Jan 01, 2001														
		2151	Duffield REA	Jan 01, 2001														
		2153	Wild Rose REA	Jan 01, 2001														
		2154	Yellowhead REA	Jan 01, 2001														
		2155	North Parkland Power REA	Jan 01, 2001														
		2156	Sion REA	Jan 01, 2001														
		2160	Manning REA	Jan 01, 2001														
		2165	Lakeland REA	Jan 01, 2001														
		2170	MIDAS	Jan 01, 2001				Y	Y									
		2080	Simmarix							Jan 01, 2001 Oct 01, 2009	Sep 30, 2009	2020 ¥	2020 ¥					
		2090	Fort MacLeod	Jan 01, 2001						Jan 01, 2001		2020	2020					
		2100	Cardston	Jan 01, 2001						Jan 01, 2001		2020	2020					
		2110	SouthAlta REA	Jan 01, 2001						Jan 01, 2001	Jan 01, 2013							
		2120	Rocky REA	Jan 01, 2001						Jan 01, 2001		Y						
		2121	Horseguard REA	Jan 01, 2001						Jan 01, 2001	Sept 08, 2005							
		2130	Central REA	Jan 01, 2001						Jan 01, 2001	Jan 01, 2013	Y			Y			
		2130	<b>EQUUS REA</b>	Jan 01, 2001						Jan 01, 2013		Y			Y			
		2140	Battle River REA	Jan 01, 2001						Jan 01, 2001	Aug 11, 2015	Y						
		<b>2140</b>	<b>Battle River Power Coop</b>	Jan 01, 2001						Aug 11, 2015		Y						
		2150	Barrhead REA	Jan 01, 2001						Jan 01, 2001	Mar 08, 2002							
		2151	Duffield REA	Jan 01, 2001						Jan 01, 2001								
		2153	Wild Rose REA	Jan 01, 2001						Jan 01, 2001								
		2154	Yellowhead REA	Jan 01, 2001						Jan 01, 2001	Jun 30, 2004							
		2155	North Parkland Power REA	Jan 01, 2001						Jan 01, 2001								
		2156	Sion REA	Jan 01, 2001						Jan 01, 2001	May 20,							

Section	Subsection	Existing						Proposed changes						Stakeholder comment	AUC response		
		2175	City of Medicine Hat	Jan 01, 2001							Y						
		2176	PowerEx	Jan 01, 2001							Y						
		2180	TransAlta	Jan 01, 2001													
		2190	Trackflow	Jan 01, 2001													Y
		2195	AltaLink	Jan 01, 2001													Y
		2200	UtilityNet	Jan 01, 2001				Y									
										2001	2005						
		2160	Manning REA	Jan 01, 2001						Jan 01, 2001	Aug 31, 2011						
		2165	Lakeland REA	Jan 01, 2001						Jan 01, 2001							
		2170	MIDAS	Jan 01, 2001						Jan 01, 2001				Y		Y	
		2175	City of Medicine Hat	Jan 01, 2001						Jan 01, 2001							Y
		2176	PowerEx	Jan 01, 2001						Jan 01, 2001							Y
		2180	TransAlta	Jan 01, 2001						Jan 01, 2001							
		2190	Trackflow	Jan 01, 2001						Jan 01, 2001							Y
		2195	AltaLink	Jan 01, 2001						Jan 01, 2001							Y
		2200	UtilityNet	Jan 01, 2001						Jan 01, 2001		Y					
Appendix A	Table A-9 Transaction status codes  Universal transaction status codes table	Universal transaction status codes						Universal transaction status codes						<b>Cognera:</b> No comment.  <b>EEA:</b> EEA has no concerns.  <b>Encor:</b> Encor has no concerns.  <b>EPC:</b> EPC agrees with the change.  <b>FortisAlberta:</b> In			
		<b>Status code</b>	<b>Description</b>	<b>Transaction</b>	<b>Sender</b>	<b>Recipient</b>	<b>Status code</b>	<b>Description</b>	<b>Transaction</b>	<b>Sender</b>	<b>Recipient</b>						
		0000	Transaction successful	All	WSP, LSA, MDM	Retailer	0000	Transaction successful	All	WSP, LSA, MDM	Retailer						
		0001	Invalid transaction abbreviation	All	WSP, LSA, MDM	Retailer	0001	Invalid transaction abbreviation	All	WSP, LSA, MDM	Retailer						
		0002	Invalid date time format	All	WSP, LSA, MDM	Retailer	0002	Invalid date time format	All	WSP, LSA, MDM	Retailer						

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Section	Subsection	Existing			Proposed changes			Stakeholder comment	AUC response
		0001	RESSECN	Residential Secondary	0001	RESSECN	Residential Secondary	<p><b>Cognera:</b> No comment.</p> <p><b>EEA:</b> EEA has no concerns.</p> <p><b>Encor:</b> Encor has no concerns.</p> <p><b>EPC:</b> EPC agrees with the change.</p> <p><b>FortisAlberta:</b> In favour. No impact.</p>	
		[...]			[...]				
		0501	L100	Residential	0501	L100	Residential		
		0501	L200	Small Commercial	0501	L200	Small Commercial		
		0501	L300	Medium Commercial	0501	L300	Medium Commercial		
		0501	L310	Interval Secondary	0501	L310	Interval Secondary		
		0501	L410	Interval Primary	0501	L410	Interval Primary		
		0501	L500	Streetlight	0501	L500	Streetlight		
		[...]			<b>0501</b>	<b>L600</b>	<b>Distributed Generation</b>		
		1001	Other	EDM_OTHER	1001	Other	EDM_OTHER		
		1001	911xx	DAS-CS20	1001	<del>911xx</del> CS20	<del>DAS-CS20</del> >5,000 kVA – Primary (CS20)		
		1001	9016xx	DAS-CS21	1001	<del>9016xx</del> CS21	<del>DAS-CS21</del> >5,000 kVA – Primary (CS21)		
		1001	Xxxxx	DAS-CS22	1001	<del>Xxxxx</del> CS22	<del>DAS-CS22</del> >5,000 kVA – Primary (CS22)		
		1001	881xx	DAS-CS23	1001	<del>881xx</del> CS23	<del>DAS-CS23</del> >5,000 kVA – Primary (CS23)		
		1001	8834xx	DAS-CS24	1001	<del>8834xx</del> CS24	<del>DAS-CS24</del> >5,000 kVA – Primary (CS24)		
		1001	950xx	DAS-CS25	1001	<del>950xx</del> CS25	<del>DAS-CS25</del> >5,000 kVA – Primary (CS25)		
		1001	942xx	DAS-CS26	1001	<del>942xx</del> CS26	<del>DAS-CS26</del> >5,000 kVA – Primary (CS26)		
		1001	8838xx	DASCS27	1001	<del>8838xx</del> CS27	<del>DASCS27</del> >5,000 kVA – Primary (CS27)		
		1001	955xx	DAS-CS28	1001	<del>955xx</del> CS28	<del>DAS-CS28</del> >5,000 kVA – Primary (CS28)		
		1001	9019xx	DAS-CS29	1001	<del>9019xx</del> CS29	<del>DAS-CS29</del> >5,000 kVA – Primary (CS29)		
		1001	887xx	DAS-CS30					
		1001	8832xx	DAS-CS31					
		1001	880xx	DAS-CS32					
		1001	141xx	DAS-CS33					
		1001	900xx	DAS-CS34					
		1001	896xx	DAS-CS35					

Section	Subsection	Existing			Proposed changes			Stakeholder comment	AUC response
		1001	477xx	DAS-CS37	1001	<del>887xx</del> CS30	<del>DAS-CS30</del> >5,000 kVA – Primary (CS30)		
		1001	2005xx	DAS-CS38					
		1002	DCC	DCC	1001	<del>8832xx</del> CS31	<del>DAS-CS31</del> >5,000 kVA – Primary (CS31)		
		[...]			1001	<del>880xx</del> CS32	<del>DAS-CS32</del> >5,000 kVA – Primary (CS32)		
					1001	<del>141xx</del> CS33	<del>DAS-CS33</del> >5,000 kVA – Primary (CS33)		
					1001	<del>900xx</del> CS34	<del>DAS-CS34</del> >5,000 kVA – Primary (CS34)		
					1001	<del>896xx</del> CS35	<del>DAS-CS35</del> >5,000 kVA – Primary (CS35)		
					1001	<del>477xx</del> CS37	<del>DAS-CS37</del> >5,000 kVA – Primary (CS37)		
					1001	<del>2005xx</del> CS38	<del>DAS-CS38</del> >5,000 kVA – Primary (CS38)		
					1001	CS39	>5,000 kVA – Primary (CS39)		
					1001	CS40	>5,000 kVA – Primary (CS40)		
					1002	DCC	Direct Connects		
					[...]				
General comments:	<b>EEC:</b> EEC staff has reviewed the summary tables of proposed changes for AUC Rule 021 and Rule 028 and have no objections or additional comments.								
	<b>Direct Energy:</b> Direct Energy is okay with the proposed changes.								