

27 August 2020.

Notice to all Registered Participants under the National Gas Rules (NGR)

This Notice is to advise Participants on AEMO's decision to approve amendments to the:

- Participant Build Pack 1 - Table of Transactions, Table of Elements, List of Job Enquiry Codes, Address Elements and MIRN and Meter states.
- Participant Build Pack 1 – Process Flow Diagrams
- Participant Build Pack 3 - Interface Definitions
- Gas Interface Protocol - VIC
- Gas Interface Protocol – QLD
- NSW/ACT specific Participant Build Pack 5
- NSW/ACT Wagga Wagga and Tamworth specific Participant Build Pack 6
- Gas Interface Protocol – NSW/ACT
- AEMO Specification Pack – FRC B2B System Interface Definitions
- AEMO Specification Pack- Specification Pack Usage Guidelines

This Notice advises Gas Market Registered Participants that consultation under the ordinary Procedure Change Consultative Process prescribed under Rule 135EE of the National Gas Rules (NGR) concluded on 31 July 2020 for:

- IN011/20 (CDN and CDR changes)

As required under Rule 135EE of the NGR, Gas Market Registered Participants and other interested parties were invited to submit comments to AEMO on the Impact and Implementation Report (IIR) for this proposal.

Attachment B of this Notice sets out the consolidated feedback relating to the proposed amendments that AEMO received during this consultation phase. This attachment includes stakeholder comments, AEMO responses and, based on those responses, an indication where respondent feedback resulted in further amendments to the technical protocols mentioned above.

Having considered the feedback provided by each respondent, AEMO has approved the proposed amendments (Attachment A) of this Notice. The date on which these changes will take effect will be published in a separate notice (Notice of Effective Date). AEMO proposes to issue that notice by the end of March 2021. The target effective date for these changes is Q4 (Oct-Dec) 2021.

Updated versions of the documents mentioned in Attachment A will be published on the AEMO website prior to the effective date.

Should you require any further information please contact Arjun Pathy on (03) 9609 8983.

ATTACHMENT A – DOCUMENTATION CHANGES

Draft versions of the technical protocols showing tracked changes between the current and amended versions are attached separately to this document.

ATTACHMENT B – FEEDBACK TO THE IIR

Section 1 - General Comments on the Impact and Implementation Report (IIR).

Topic	Item#	Who	Response Received	AEMO response
<p>Sections 1 to 8 of the IIR sets out AEMO's critical examination of the proposal.</p> <p>Does your organisation support AEMO's examination of the proposal?</p> <p>If no, please specify areas in which your organisation disputes AEMO examination proposal and include information that supports your organisation rational why you do not support AEMO examination.</p>	1	Australian Gas Networks	<p>AGN agrees with AEMO's examination and supports the proposal. On preliminary examination our estimate is that implementation costs will be moderate.</p> <p>However, it should be noted that whilst AGN's PPC response was sent to AEMO on June 12th, it has not appeared in the participant feedback in the IIR.</p> <p>In the PPC response we raised some issues with the proposed technical documents, a number of which were not raised by other participants or addressed by AEMO in its response to the PPC industry feedback. These issues have been repeated in section 2 below.</p>	<p>AEMO acknowledges AGN's support for the proposal and its preliminary assessment that the implementation costs will be moderate.</p> <p>AEMO further notes that AGN did send a PPC response, to which AEMO did not provide a response in the IIR. AEMO has provided a response to AGN's feedback as part of this Notice of AEMO Decision.</p>
	2	EnergyAustralia	<p>EnergyAustralia believes that AEMO has appropriately examined the impacts of adopting the CDN & CDR aseXML transactions and supports their implementation.</p> <p>EnergyAustralia also supports AEMO's assessment that the gas life</p>	<p>AEMO acknowledges EnergyAustralia's support for the proposal.</p>

			support and CDN/CDR change implementation are combined.	
	3	Multinet Gas Networks	Yes MGN supports the proposal	AEMO acknowledges Multinet Gas Networks' support for the proposal.
	4	Origin Energy	Origin agrees with AEMO's assessment in section 8 that implementing IN011/20 in isolation of the schema upgrade planned for the Life Support implementation, will be material. We therefore recommend this change is included with (IN003/20).	AEMO acknowledges Origin Energy's assessment that IN011/20 should be bundled with IN003/20.
	5	Red and Lumo Energy	Red Energy and Lumo Energy (Red and Lumo) support the examination of the proposal put forward by AEMO. Red and Lumo continue to believe that this proposal provides benefits to market participants and that the benefits outweigh the potential costs. Red and Lumo support the proposal as part of a package of work done alongside IN003/20 adoption of LSN and LSR transactions.	AEMO acknowledges Red and Lumo Energy's support for the proposal.
	6	Simply Energy	Simply Energy supports the proposal, further comments are provided in Section 3.	AEMO acknowledges Simply Energy's support for the proposal.

<p>Section 9 of the IIR set out AEMO’s recommendation.</p> <p>Does your organisation support AEMO’s position to recommend the procedures changes?</p>	7	Australian Gas Networks	<p>AGN’s expectations following Life Support and Customer Details industry workshops would be for further updates to gas technical documentation e.g. All references should be only to gas technical documentation rather than in any electricity technical documentation, final updates to documentation with approval from GRCF participants.</p>	<p>AEMO acknowledges AGN’s comments and notes that it will have a “residual” consultation (IN018/20) that will allow for final GRCF approval on documentation following the completion of all the individual initiatives under consultation.</p>
	8	EnergyAustralia	<p>EnergyAustralia supports the recommended procedures changes and timeframes outlined in Section 9 and 10 of the IIR on the provision these changes will be implemented in conjunction with the gas life support changes outlined in IN003/20.</p> <p>EnergyAustralia wishes to reiterate our preference for the CDN/CDR and gas life support change implementation to be combined. If these changes were to be introduced separately, EnergyAustralia would likely incur extra costs to implement and greater effort to assess the impacts of these changes; and may require a later implementation date because of this.</p> <p>EnergyAustralia also wishes to advise that the east coast gas</p>	<p>AEMO notes EnergyAustralia’s support for the initiative and notes EnergyAustralia’s support for these changes to be bundled with IN003/20 (Gas Life Support).</p> <p>AEMO notes EnergyAustralia’s preference for an implementation date later than Q4 2021; however, AEMO notes that moving this date would not only affect IN011/20 nor only the other east coast initiatives but also the WA initiatives proposed for joint implementation with east-coast changes.</p> <p>It is also worth noting that from the outset all participants in all jurisdictions have provided their costs and benefits for a Q4 2021 implementation. Having considered the costs and benefits that were provided, AEMO has deemed that that benefits outweigh the cost. It</p>

			jurisdictions are currently on different schema versions. To uplift our systems to r38 requires significant impact assessment and effort to implement across all east coast jurisdictions. Due to this effort required, EnergyAustralia prefers that the combined CDN/CDR and LSN/LSR aseXML uplift changes are implemented in Q2 2022.	<p>unclear whether the same benefit outcome would be achieved if the implementation shifted to an alternate timeline.</p> <p>As such, AEMO will continue with the date agreed with the GRCF of Q4 2021. The exact date in Q4 2021 will be a matter for discussion with the GRCF.</p>
9	Multinet Gas Networks	Yes MGN Supports AEMO's position to recommend the procedure change.		AEMO notes Multinet Gas Networks' support for the change.
10	Origin Energy	<p>The proposed timeline of Q4, 2021 is not recommended given all industry changes that are expected to be delivered in this quarter. Q4, 2021 places risk for industry and individual participants, with business and IT resource constraints to deliver on both electricity and gas changes.</p> <p>Q4, 2022 or later presents the least risk and optimal time to deliver the scale of change required as a bundled piece of work, particularly with new JEC's likely to be added to the suite of work to be delivered.</p>		<p>AEMO notes Origin Energy's preference for an implementation date later than Q4 2021; however, AEMO notes that moving this date would not only affect IN011/20 nor only the other east coast initiatives but also the WA initiatives proposed for joint implementation with east-coast changes. As such, AEMO will continue with the date agreed with the GRCF of Q4 2021. The exact date in Q4 2021 will be a matter for discussion with the GRCF.</p> <p>See AEMO response in item #9 as well</p>
11	Red and Lumo Energy	Red and Lumo support the proposed timeframe for implementation of Q4 2021. However, we believe that the Notice of Effective Date from AEMO must		AEMO notes Red and Lumo Energy's support for the proposed timeframes. The exact date in Q4 2021 will be a matter for future discussion with the GRCF.

			<p>give adequate consideration to the final decision on the proposed delay for 5 Minute Settlement which will now see 5MS implemented on 1 October 2021.</p> <p>While outside the standard IT change schedule, Red and Lumo propose that the implementation be potentially late November or early December 2021 to allow adequate time for reallocation of resourcing after 5MS for participants.</p>	
	12	Simply Energy	Yes	AEMO notes Simply Energy's support for the initiative.

Section 2 - Feedback on the documentation changes described the Attachments of the IIR.

Ref #1 – Participant Build Pack - Process Flow Table of Transactions					
Ref #	Participant	Section #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
13	AGN	Process Flows Worksheet, Ref No. Row 70.	Should the 'LastModifiedDateTime' element also be listed in the 'Data Elements' column?		AEMO has made the AGN's suggested change.
14	AGN	Elements Worksheet	Should the 'LastModifiedDateTime' element also be listed in this list of elements?		AEMO has made the AGN's suggested change.
15	EnergyAustralia	PBP1 – Ref 70 - Purpose	Include wording to indicate DB may use CDN contact information to contact customer for planned works as well as emergencies or faults	Provide customer contact information to DB's for emergency, and fault call management, and <u>planned work</u> .	AEMO is addressing this initiative as part of IN017/20 (Add Planned Work to Usage of CDN) and therefore considers this change out of scope for IN011/20.
16	EnergyAustralia	PBP1 – Ref 71 - Purpose	Include wording to indicate DB may use CDN contact information to contact customer for planned works as well as emergencies or faults	Provide customer contact information to DB's for emergency, and fault call management, <u>and planned work</u> . Used to Synchronise Customer Contact Details.	See Ref #15.
Ref #2 - Participant Build Pack 3 - Interface Definitions					
Ref #	Participant	Section #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
17	AGN	Figure 4-63	Figure 4-63 includes references to 99.6.1, 2, 3, 4 and 5. There is no section 99.6 in the PBP 1 Process Flow Diagrams document.		There is a diagram that exist in the PBP 1 Process Flow Diagrams document for the Customer Details Notification, specifically diagram 4.1. The number in figure 4-63 is incorrect. AEMO will include the correction of diagram 4-63

					as part of the residual consultation IN018/20.
18	EnergyAustralia	CI 4.6.2.1, page 163	Transaction Data Elements – Change checksum requirement from mandatory to optional to align with electricity CDN aseXML transaction	M O	AEMO does not support changing this field to optional. In the gas retail market, the “check sum” field is almost always a mandatory field. The only exception appears to be Service Order, which is the case solely because a service order can be generated for sites without MIRNs. This field is mandatory for the current CDN transaction.
19	EnergyAustralia	CI 4.6.3, page 168	Transaction Data Elements – Change checksum requirement from mandatory to optional to align with electricity CDR aseXML transaction	M O	See AEMO response for item #18.
20	EnergyAustralia	CI 4.6.3, page 168	Transaction Data Elements – Change wording from ‘required’ to ‘mandatory’ to be consistent with electricity CDR wording. Elec CDR advises SpecialNotes are Mandatory if Reason is ‘Other’ or Data Quality Issue’	Required Mandatory if Reason is “Other” or “Data Quality Issue	AEMO does not support this change. The way the gas technical protocols are to be written is described in PBP2 Usage Guide. Section 4 describes how the data elements are to be defined and for gas the choices are restricted to Mandatory / Optional / Not Required. AEMO applied these descriptions to the new transaction in order to maintain consistency. The electricity technical protocols have their own prescribed way of writing up requirements.

21	EnergyAustralia	CI 4.7.2, page 170	Transaction Data Elements – Change checksum requirement from mandatory to optional to align with electricity LSN aseXML transaction	M O	See AEMO response for item #18..
22	EnergyAustralia	CI 4.7.2, page 173	Transaction Data Elements – Change wording from ‘required’ to ‘mandatory’ to be consistent with electricity LSN wording. Elec LSN advises LSEquipment is Mandatory if Reason is ‘Other’	Required Mandatory if LSEquipment is “Other”	See AEMO response for item #20.
23	EnergyAustralia	CI 4.7.3, page 175	Transaction Data Elements – Change checksum requirement from mandatory to optional to align with electricity LSR aseXML transaction	M O	See AEMO response for item #18..
24	EnergyAustralia	CI 4.7.3, page 175	Transaction Data Elements – Change wording from ‘required’ to ‘mandatory’ to be consistent with electricity LSR wording. Elec LSR advises SpecialNotes is Mandatory if Reason is ‘Other’	Required Mandatory if Reason is “Other”	See AEMO response for item #20.
25	EnergyAustralia	Appendix A. Data Dictionary A.1 aseXML Data Elements3	Remove CSVAmendCustomerDetails from the Appedix A Data Dictionary	CSVAmendCustomerDetails aseXML	AEMO agrees with Energy Australia proposal to remove this reference. AEMO has made the proposed change.
26	Origin Energy	PB3: B2B System Interface Definitions 4.6.2.1 Transaction Elements	Can AEMO clarify why the usage is left blank for the following CDN transaction elements: -SensitiveLoad -MovementType -LastModifiedTime Reference electricity b2b, customer site details procedure, should these be updated with the same definition?		AEMO has provided usage information for these three fields.

27	Red and Lumo Energy	4.6.1	Amend table and reference to include CustomerDetailsRequest	Transaction Name	Ref No	Transaction Type	AEMO has made the proposed change.
				CustomerDetailsNotification	70	Amend Customer Details	
				CustomerDetailsRequest		Request Customer Details	
28	Red and Lumo Energy	Figure 4-65	Update figure to include reference to CustomerDetailsRequest				AEMO has noted this this diagram needs to be updated. AEMO proposes that this be included as part of a "residual" consultation (IN018/20) for all east coast TP changes to be included in the Q4 2021 release.
29	Red and Lumo Energy	4.6.2.1	Transaction Data Elements. PhoneNumber1 and PhoneNumber2 usage needs to be amended to not be required where the site is vacant.	Required where the Retailer has obtained a telephone number for the purpose of contacting the Customer for supply issues, the number is to be provided in the CustomerDetailsNotification. Not Required where the Site is vacant.			AEMO has made the proposed change.
30	Red and Lumo Energy	4.1.3.1	Incorrect Error Codes for Missing Data Notification	Error Codes 3665 and 3666 relate to CSVs not aseXMLs			This section is out of scope for consultation IN011/20, which relates only to the implementation of CDN and CDR.
31	Red and Lumo Energy	aseXML Element Name	Use of DNSP/MC/MPB are incorrect as these relate to electricity not gas.				AEMO has made the proposed change.
32	Red and Lumo Energy	Transaction	SpecialNotes references allowable value	aseXML table does not identify the allowable values outside of "other". Table needs to be updated to clearly identify the allowable values for the SpecialNotes references.			AEMO does not support this change. The table in section 4.6.3 is the correct place to define the usage in this case and not Appendix A1 (aseXML Data Elements). This is consistent in the way

					the build pack have been written in the past.
Ref #2a - Participant Build Pack 1 – Process Flow Diagrams					
Ref #	Participant	Section #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
33	EnergyAustralia	1.8 Diagram 4.1 Customer Details Notification	Diagram has been included for Customer Details Notification; however, no diagram has been included for Customer Details Request. CDR diagram should be added	<u>CDR diagram</u>	AEMO has noted that a diagram needs to be included. AEMO proposes that this be included as part of a “residual” consultation (IN018/20) for all east coast TP changes to be included in the Q4 2021 release
Ref #3 - Gas Interface Protocol - Victoria					
Ref #	Participant	Section #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
			N/A		
Ref #4 - Gas Interface Protocol - Queensland					
Ref #	Participant	Section #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
			N/A		
Ref #5 - Participants Build Pack 5 - The NSW/ACT specific Participant Build Pack 5.					
Ref #	Participant	Section #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
			N/A		
Ref #6 - Participants Build Pack 6 - The NSW/ACT Wagga Wagga and Tamworth specific Participant Build Pack 6.					
Ref #	Participant	Section #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)

34	AGN	3.1.1 B2B Trx Ref 70	Transaction Table – Clarification requested for value 'V' for Trx Ref 70 (CDN) in column called "AEMO Transformation Type' as it is different to value 'n/a' for Trx Ref 72 (CDR).		The n/a in the Transformation Type' for Ref 72 (CDR) is incorrect. AEMO has amended this to "V" (Version transformation) :
Ref# 7 - Gas Interface Protocol – NSW/ACT					
Ref #	Participant	RMP clause #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
35			N/A		
36					
Ref #8 - AEMO Specification Pack - FRC B2B System Interface Definitions.					
Ref #	Participant	Section #	Issue / Comment	Proposed text Red-strikeout means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
37	AGN	Figure 4-68	Figure 4-68 includes references to 99.6.1, 2, 3, 4 and 5. There is no section 99.6 in the PBP 1 Process Flow Diagrams document.		See Ref #17.
38	AGN	4.6.2.1 & 4.6.3	Event codes in 'Transaction acknowledgement specific event codes' row in this table use CSV method specific event codes. Should these be removed?		AEMO has removed the CSV-specific event codes and will add the full complement of aseXML event codes as part of IN018/20.
39	EnergyAustralia	CI 4.6.1.Overview	Change wording to indicate the Network Operator may use customer details information for planned works as well as emergencies	Changes to Customer Details information is initiated by the User and sent to the Network Operator to maintain the most up to date Customer Contact Information. The Network Operator uses this information to support contact management in relation to emergency and fault calls- and, <u>planned works.</u>	See Ref #15.
40	EnergyAustralia	CI 4.6.2 Amend Customer Details	Change wording to indicate the Network Operator may use customer details information for planned works as well as emergencies	Customer Contact information assists the Network Operator in terms of handling <u>planned works.</u> emergency and fault calls .	See Ref #15.

41	Origin Energy	FRC B2B System Interface Definition 4.6.2.1 Transaction Data Elements	Can AEMO clarify why the usage is left blank for the following CDN transaction elements: -SensitiveLoad -MovementType -LastModifiedTime Reference electricity b2b, customer site details procedure, should these be updated with the same definition?		See Ref #26.
42	Red and Lumo Energy	4.6.2.1	PhoneNumber1 and PhoneNumber2 usage needs to be amended to not be required where the site is vacant.	Required where the Retailer has obtained a telephone number for the purpose of contacting the Customer for supply issues, the number is to be provided in the CustomerDetailsNotification. Not Required where the Site is vacant.	See Ref #29.
43	Red and Lumo Energy	Figure 4-70	CustomerDetailsNotification/CSVCustomer aseXML schema	The sample transaction is still a CSV - needs to be an aseXML transaction. including updating figure 4-70 to remove the words CSV	AEMO has updated the sample so it is the same as PBP3 interface Definition. In relation to figure 4-70. See Ref #28.
44	Red and Lumo Energy	4.6.3	Distributor must be changed to network operator	A Distributor must only send a maximum of one CustomerDetailsRequest per MIRN per day. A Network Operator must only send a maximum of one CustomerDetailsRequest per MIRN per day	AEMO has made the proposed change and has accordingly changed all instances of "Distributor" to "Network Operator" in the newly introduced sections regarding CDN / CDR and LSN / LSR.
45	Red and Lumo Energy	4.6.3	Reference to CDN should be replaced with CustomerDetailsNotification	Retailer issues updated customer details via the CDN transaction . Retailer issues updated customer details via the CustomerDetailsNotification transaction. The CustomerDetailsRequest transaction is used by the Distributor to notify a Retailer to provide a CDN transaction The CustomerDetailsRequest transaction is used by the Network Operator to notify a Retailer to provide a CustomerDetailsNotification transaction	See Ref #44.

46	Red and Lumo Energy	4.6.2 and 4.6.3	Section 4.6.3 should be move to proceed 4.6.2 as 4.6.3 provides the context for the CustomerDetailsNotification		The TP documents are not necessarily intended to be read in order; as such, AEMO will not be making the proposed change.
Ref #9 - AEMO Specification Pack- Specification Pack Usage Guidelines					
Ref #	Participant	Section #	Issue / Comment	Proposed text	AEMO Response (AEMO only)
			N/A	Red-strikeout means delete and <u>blue underline</u> means insert	