

## B2B Procedures

- Customer and Site Details  
Notification Process

## CONSULTATION – SECOND Stage

## COLLATED PARTICIPANT CONSULTATION RESPONSES

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## 1. CSDN

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
1	Endeavour Energy		Contents Section	Editorial	The page numbers are missing for the list of Figures and Tables	IEC Agreed change the TOC for Figures and Tables to be recreated.
2	AGL		General	Comment	AGL would like the B2B reference group to consider implementation issues in relation to the AER's flagged rule changes to Life Support.	No change. Changes to Procedures can be considered once the AER/AEMC Life support rule change has completed its consultation process and the rule change is finalised.
3	AGL		General	Change	There are multiple variations between the information (field enumerations, field lengths etc.) used in CSDN Table 8 – Pre Installation Data which are not consistent with the same fields used in the OWN – Notice of Metering Works Table 7  These fields need to be aligned - order of fields and repetition can also be aligned.	The IEC decided in the 20 February meeting to remove the Pre-Installation Data request and Response.

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4	AGL		General	Change	<p>The term MBP is used in a number of places in the procedure with DNSP – as in</p> <p style="padding-left: 40px;">“Confirm Life Support” means the DNSP/MPB requires confirmation</p> <p>AGL understands the term should be MBP, but more broadly, should the party be extended to MC/MPB/MDP and the procedure amended to DNSP/ MC / MPB / MDP ?</p>	<p>Change to Initiator in these cases.</p> <p>(If statement relates to a single role then it will be stated, otherwise will be made generic as Initiator or Recipient as applicable.)</p>

5	CitiPower Powercor		General	Change	<p><b>Pre-Installation Request/Response</b></p> <p>CitiPower Powercor recommends the new Pre Installation Data Request/Response transactions should only be applicable to contestable Meter Providers.</p> <p>It is our view the ‘Mandatory’ data in the Response transaction is already available in MSATS whereas the majority of the remaining data (Required or Optional) is not captured in our source systems. MSATS is the most efficient place to source this information.</p> <p>Simply by requesting this information via B2B transaction vs extracting it from MSATS doesn’t do anything to improving data quality (if DB standing data has been updated into MSATS it will represent the most recent data collected by a participant).</p> <p>Therefore, a new B2B transaction for Distributors that duplicates MSATS capabilities deviates from the current market system design whereby a central data repository exists for complete market facilitation. Introducing this transaction brings about unnecessary cost and inefficiencies because while the data is maintained in MSATS it will not be used for its intended purpose.</p> <p>CitiPower Powercor thinks the intent of this transaction is best placed between contestable Meter Providers to facilitate the opportunity to share Required or Optional information collected in the field and stored in their systems.</p>	<p>The IEC decided in the 20 February meeting to remove the Pre-Installation Data request and Response.</p> <p>The IEC agreed that MSATS is the correct place to house the standing metering information with respect to the current installation.</p> <p>In light of this decision, the IEC have subsequently asked AEMO to determine if the MSATS standing data is adequate and has been adequately maintained by participants. And whether the current C7 report meets market needs. This may require further procedure changes and a process to ensure data is populated by current meter providers. This will likely occur outside of the POC procedure update cycle.</p>
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ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
6	Endeavour Energy		General	Comment	<p>Procedural improvement: Endeavour Energy acknowledges the justification for de-scoping the proposed changes for 1 December 2017 due to the AER's proposal to submit a request for a rule change. However, Endeavour is concerned that in the event of no new rule change, the benefit to be gained from the changes scoped in the initial draft may be lost.</p> <p>Benefits to be gained include improved customer communications for electricity supply outages which, reduces follow on customer contact for both retailers and distributors, better life support customer management, and reduced requests to confirm customer details between distributors and retailers.</p> <p>Endeavour requests that these changes be noted for inclusion at the next available B2B Procedure change.</p>	Noted, agreed to be included for consideration in next B2B Procedure changes.
7	ENERGYAP, TCAMP, TCAUSTM		General	Clarification	<p>Ausgrid would like to review the proposed XML schema for the Pre-Installation Data Response. We understand information will be updated into the 'B2B Mapping to aseXML (Guide)'. It is important that Market Participants review the file prior to final determination so that industry can validate that it will work as a solution</p>	<p>The IEC decided in the 20 February meeting to remove the Pre-Installation Data request and Response.</p> <p>All changes to the aseXML schema for all changes in this consultation and Final published procedures are to be reviewed by the ASWG</p>

8	Essential Energy		General	Change	<p>Procedural improvement: Essential Energy acknowledges the justification for de-scoping the proposed changes for 1 December 2017 due to the AER’s proposal to submit a request for a rule change regarding life support process. However, Essential Energy is concerned that in the event of no new rule change, the benefit to be gained from the changes scoped in the initial draft may be lost.</p> <p>Benefits to be gained include improved customer communications for electricity supply outages which, reduces follow on customer contact for both retailers and distributors, better life support customer management, and reduced requests to confirm customer details between distributors and retailers.</p> <p>Essential Energy is particularly concerned with the removal of “email address” from the CDN transaction data. This is a change that participants have requested through the previous BMRG and IEC some time ago. This had previously been deferred from BAU activities by IEC and BMRG in anticipation that it would be included with the Power of Choice B2B procedure changes.</p> <p>Essential Energy sees no risk or reason that participants couldn’t facilitate this minor change during the POC release while we already have market and participant systems open for other changes in the CSDN processes.</p> <p>Essential Energy ask that email address be included into the CDN transaction. With the rising costs of postal services there are significant industry cost benefits of using email for Planned Outage notifications and other DB participant communications.</p> <p>With the changes in new technology and customer choice that Power of Choice delivers it is more important than ever that simple and cost effective communication channels are available</p>	<p>IEC February 20 Meeting agreed to reinstate Email address: reinstate as an optional field.</p> <p>Note: CDN information is for outage or supply purposes only. i.e. R = if the Retailer collects the information for the purposes of outage.</p> <p>Description has been drafted to align with phone number contact in procedure currently.</p> <hr/>
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					through the retail market to all participants. Customers are asking for emailed communications and at the moment the CDN process does not enable this.	
9	Essential Energy		General	Change	The lists of allowed values in the CSDN Procedure's transaction data tables are shown inconsistently: some have an Allowed Values heading, others have Standard Values, others Allowable values, some have Allowed Codes, and some have no heading (e.g. Reason field in a Site Access Request transaction). As a regulatory document, a consistent approach is necessary.	Agreed, change to 'allowed values' for consistency.
10	Red Energy & Lumo Energy		Procedure or B2B Guide	Change	Do we need a table of which Participants can raise which transactions (similar to Service Orders) and when? New MC to old MC for pre-installation details for example: are there any limits to when this can this be raised aside from 1 request per NMI per day?	To be considered for inclusion in updates to B2B Guide. However, The IEC decided in the 20 February meeting to remove the Pre-Installation Data request and Response.
11	Select Solutions			B2B Guide	<i>In the B2B guideline (2.e.(ii) states new processes for sharing off-market metering installation details between old MP's and ne MP's has been added to cater for an obligation under the Rules.</i> We cannot find reference to the above in this document (CSDN) at all?	The IEC decided in the 20 February meeting to remove the Pre-Installation Data request and Response. B2B guide to be updated to reflect this.
12	ActewAGL		1.2 (a)(i)			

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
13	ActewAGL		1.2 (c)			
14	Endeavour Energy		2	Editorial	Figure 3 The heading needs to be bolded as highlighted below:  <b>Figure 3: Overview of genericrequest and notificationprocess for Customer De</b>	Format change agreed
15	Endeavour Energy		2	Editorial	Figure 3 D is missing from the timeline diagram	Format or editorial change agreed
16	AusNet Services		2.1	Change	AusNet Services suggests that this be in table form as is the case in the Service Order procedure. There should be structural consistency across the procedural documents, and it will also add additional information regarding description etc.	Refer to item 10.
17	ActewAGL		2.2	Editorial	Figure 3 – Requires space in title ...generic request and notification process...	Format or editorial change agreed
18	AGL		2.2	Change	Figure 2 “use other method of communication as agreed with recipient” needs to be a decision box with “Y” and “N” label as appropriate	Editorial
19	SA Power Networks		2.2 – Figure 3	Editorial	Typo – Figure sentence – “genericrequest” and “notificationprocess”	Format or editorial change agreed
20	SA Power Networks		2.2 – Figure 4	Editorial	Typo – Words under “Update systems, as appropriate” step/box Remove “Recipient system” words within the sentence	Format or editorial change agreed

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
21	Aurora Energy		2.2 Figure 3	Change	Aurora Energy comment : on receive Business receipt there looks like a o sitting on the arrow out and the arrows for send Business receipt/accept on both instances should be straight	Format or editorial change agreed. Figure updated
22	Aurora Energy		2.2 Figure 3	Editorial	genericrequest and notification requestprocess Aurora Energy comment : Needs spaces	Format or editorial change agreed. Figure updated
23	TasNetworks		2.2 Figure 4	Editorial	Load spelt incorrectly in notes at the end of the flowchart	Format or editorial change agreed. Figure updated
24	Aurora Energy		2.2 Figure 5	Editorial	Aurora Energy comment : there is a solid line that has no place between the dotted lines of Business receipt/accept	Format or editorial change agreed. Figure updated
25	Active Stream		2.2(b) Figure 3	Editorial	The border formatting of the process map inconsistent with most figures in this section	Format or editorial change agreed. Figure updated
26	Active Stream		2.2(b) Figure 3	Editorial	Title of Figure 3: Space required between: <ul style="list-style-type: none"> <li>• Generic and request</li> </ul> Notification and process	Format or editorial change agreed. Figure updated
27	Active Stream		2.2(b) Figure 5	Editorial	The border formatting of the process map inconsistent with most figures in this section	No change required

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
28	Active Stream		2.2(b) Figure 5	Editorial	There is an additional solid blue line at Timing Point E in the Recipient swimlane.  (between Receive <u>BusinessReceipt</u> and Receive <u>BusinessAcceptance/Rejection</u> )  Clarification sought if a process flow or in error. If the latter - remove.	Format or editorial change agreed
29	Active Stream		2.2(b) Figure 5	Editorial	The timing points need to be reviewed and amended. They are misaligned to the process map and point G is missing.	Format or editorial change agreed
30	Active Stream		3.1 Table 1	Change	These timing points are generically used in the figures of section 2.2.  Amend as follows to make the timing points generic enough for all process flows.  Replace CustomerDetailsRequest with Request for timing points A,B,C	Agreed (Editorial)
31	Aurora Energy		3.1 Table 1	Change	J - Reconciliation under section 5.4  Aurora Energy comment : should this be 4.4	Editorial

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
32	Active Stream		3.1 Table 2	Change	<p>These timing points are generically used in the figures of section 2.2.</p> <p>Amend as follows to make the timing points generic enough for all process flows.</p> <ul style="list-style-type: none"> <li>• <u>BusinessReceipts</u> for Requests: Reword to reflect <b>Requests</b> in general for both columns as it also incorporates Pre-installation requests.</li> <li>• <u>BusinessAcceptance/Rejection</u> for Requests: Reword to reflect <b>Requests</b> in general for both columns as it also incorporates Pre-installation requests.</li> <li>• Providing a <u>CustomerDetailsNotification</u> and Providing a <u>SiteAccessNotification</u>: <ul style="list-style-type: none"> <li>○ Either combine and generalise to accommodate the provision of a notification response for a request (the approach similar to <u>BusinessReceipts</u> for Notifications) or</li> </ul> </li> </ul> <p>Include an additional row: Providing a <u>PreInstallationDataResponse</u></p>	<p>Format or editorial change agreed.</p> <p>The IEC decided in the 20 February meeting to remove the Pre-Installation Data request and Response.</p>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
33	Active Stream		3.2 (d)	Change	<p>Clarification is sought for the guidance note. Why would the timing for a PreInstallationDataRequest be agreed, given it will be a trigger of a process? Why would an existing MPB or MC seek out agreements with all MPs to ensure that there is a standard timing requirement for a Pre-Installation Request</p> <p>Clause (a) of this section already states that the timing of a PreInstallationDataResponse <b>can</b> be agreed. One can interpret as there is an existing timing requirement and if so determined Participants can agreed to an alternate.</p> <p>Suggest the B2B Procedures determine a std timing requirement for the PreInstallationDataRequest/Response which Industry can use, as determined with other B2B transactions.</p>	<p>The IEC decided in the 20 February meeting to remove the Pre-Installation Data request and Response.</p> <p>See item 5 for further information.</p>
34	Active Stream		3.2 (g)	Change	<p>This also should align with clause (f) and have a timing requirement of:</p> <p>‘within 1 bus day of the relevant event completing’.</p>	No change. Current wording sufficient.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
35	ENERGYAP, TCAMP, TCAUSTM		3.2 d)	Change	<p>Ausgrid metering disagrees with the use of the Pre-Installation Data Request methodology as raised in Consultation Stage 1. Clause 3.2. d) below further highlights the timing issues of this proposed process. How do two MPB’s agree to the timing of reports when they are in direct competition and have no contact with each other?</p> <p>3.2 (d) [GN 1] Timing requirements for the PreInstallationDataRequest are as agreed between the Recipient and the Initiator.</p> <p>The C7 report is the only mechanism that will provide timely information independent of competing businesses. It is not possible to setup a reliable automated system from the Pre-Installation Data Request. When meter churn of non-regulated metering occurs how will the previous MPB be incentivised to supply information in a timely manner?</p> <p><b>If industry determines that the Pre-Installation Data request will be retained, Ausgrid metering requests that 3.2 d) is updated with the expected time for a Pre-Installation Data Response to be returned following a Pre-Installation Data Request. This would provide a consistent approach with the Customer Details Notification and Site Access Notification as per 3.2 e).</b></p>	<p>The IEC decided in the 20 February meeting to remove the Pre-Installation Data request and Response.</p> <p>See item 5 for further information.</p>
36	AGL		3.2(d)	Change	Why does (d) have a guidance note, but 3.2(a) doesn’t ?	Agreed, add GN1 for clause (a).

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
37	AGL		3.2(g)	Change	Is this more appropriately a GN2 or GN 6 obligation	No change, remain as GN1. Reference could not be found.
38	Active Stream		3.2(h) &(i)	Change	<p>After fifth business day is this appropriate in the world post 1 Dec 2017.</p> <p>There is a timing obligation on the Retailer to send a CustomerDetailsNotification within 1 bus day and if that obligation has not been met the participants entitled to that information, especially those requiring it to complete work, should be able to raise a CustomerDetailsRequest after that timeframe.</p> <p>It would be highly inefficient if works were scheduled and 5 bus days had to lapse to request a CustomerDetailsNotification. Especially the information with respect to Site Access Details.</p>	No change. Yes the current business process is still appropriate post 1 Dec.
39	ActewAGL		4.1			
40	ActewAGL		4.1	Editorial	<p>Insert new dot point</p> <p>(j) Any <u>CustomerDetailsNotification</u> must contain all mandatory fields where movement type is Update.</p>	Table 4 sufficient. No new clause required, redundant.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
41	Endeavour Energy		4.1	Change	<p>In the first round of consultation, Endeavour asked for a new clause to be considered to provide clarity that DNSP's rely on the CSDN data being provided by Retailers to fulfil their obligations. The AEMO/B2B WG comment simply states No Change without any commentary as to why the clause wasn't considered.</p> <p>Endeavour would like the following clause included in 4.1 with modified drafting as follows:</p> <p>"Data contained within CSDN's can be used by the DNSP whilst fulfilling their regulatory obligations e.g. outage notifications, responding to customer access to data (Meter Data Provisioning Procedure), communicating with life support customers.</p>	The IEC discussed this change and decided that this clause should not be added as the CDN has been designed to pass information from Retailers to Distributors for the purpose of outage and supply issues and adding this clause would change the nature of the transaction. Again this procedure will likely be reviewed following an AER/AEMC rule change regarding life support changes which are set to be finalised in late 2017 or early 2018.
42	Essential Energy		4.1	Change	<p>Add a new clause –</p> <p>"Customer Data contained within CSDN's can be used by the DNSP whilst fulfilling their regulatory obligations eg outage notifications, responding to customer requests for data, communicating with customers for supply related matters.</p> <p>Or words to this effect which reflects the changing relationship between networks and customers through power of choice and emerging technologies.</p>	Refer to item 41.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
43	Pacific Hydro		4.1	Change	<p>The clauses in this section refer to ‘Relevant Parties’, ‘Current Retailer’, ‘Initiators’, ‘Participants’ and ‘recipients’. I understand ‘Initiator’ and ‘Recipient’ are the agreed terms unless as stated in 1.2</p> <p>(c) The terms Initiator and Recipient have been used throughout the document to designate the sender and receiver of each transaction. Where a specific role is called out, the transaction should only be sent and received by the designated role (e.g. Current Retailer, DNSP, MPB).</p> <p>Can this section be updated to adhere to this clause?</p>	Reviewed and updated to ensure correct roles identified.
44	TasNetworks		4.1 (c)	Editorial	Insert “fields” after non-mandatory	Format or editorial change agreed
45	Active Stream		4.1 (g)	Change	<p>This paragraph needs to be reviewed and reworded for clarification, especially the first sentence.</p> <p>Discussion content on this topic revolved around the Retailer sending an update to participants after been notified by customer or participant such as DNSP/MPB etc. A ‘source of truth’ per say. This is not quite clear in the paragraph.</p>	Existing wording that will be updated, refer to item 43.
46	TasNetworks		4.1 (j)	Editorial	Remove the “j”	Format or editorial change agreed
47	Jemena		4.1(h)	Change	Should retrospective SiteAccessNotifications be permitted? It creates the potential for systems to be updated with out of date and potentially harmful information about the site?	Clause has been reverted to CSDN version 2.2 wording to avoid confusion.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
48	ActewAGL		4.2	Editorial	(a) remove the “s” from believes as dot point not read properly  Or rewrite paragraph [Guidance Note 1] If an Initiator reasonably believes that the information in the Customer and Site Details Notification have not been previously provided in a Notification transaction or that the information they hold is or may be incorrect, may send a CustomerDetailsRequest.	Agree to remove s from believes.
49	Pacific Hydro		4.2	Change	If both customer details and site access are being referenced then the section heading should change to Customer Details and Site Access Requests	No change to sub heading. Updated clause (a) and removed reference to Site and change to transaction <u>CustomerDetailsNotification</u>
50	Pacific Hydro		4.2 (a)	Change	Reference is made to the ‘Customer and Site Details Notification. There are two separate transactions; Customer Details Notification and Site Access Notification. Suggest reference is made to Customer Details Notification.	Agree refer to item 48.
51	SA Power Networks		4.2 (a)	Editorial	Typo – “believes” should be “believe” within the 2 <sup>nd</sup> sentence	Agree refer to 48
52	Jemena		4.2(d)	Editorial	Should read:  There must be an agreement between Parties before this transaction can be used to obtain mass updates of information	No change, current wording sufficient.
53	ActewAGL		4.3.1	Editorial	(d)?	Remove (d)

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
54	Red Energy & Lumo Energy		4.3.1	Change	<p>Does there need to be an obligation that only the current party can send a CDR to the Current Retailer? The Procedures suggest that all CDRs must be responded to within a timeframe, as such, it is recommended that only the current party associated with that NMI can request.</p> <p>We recommend that clause (d) is reinstated to say the following:</p> <p>(d) Any current authorised party entitled to the information can generate a SiteAccessRequest to another related party for the <i>NMI</i>.</p>	Added clause to 4.2 for CDR, similar to 4.5 (a) for SAR.
55	Simply Energy		4.3.1	Editorial	<p><u>Initiating a Customer Details Notification</u></p> <p>Floating (d) point, please delete.</p>	Refer to item 53.
56	Aurora Energy		4.3.1 (b)	No change - This is consistent with how CDN works today	<p>The Current Retailer must confirm a contact for the management of outages and supply issues for each NMI and provide this information via the CustomerDetailsNotification.</p> <p>Aurora Energy comment: This field has been removed from the CDN payload, so is this now customer or Business number?</p>	<p>Clause has been reverted to CSDN version 2.2 wording to avoid confusion. CDN Payload fields have been similarly been reverted to version 2.2.</p> <p>Yes, CustomerName is the contact or outage and supply issues.</p>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
57	Aurora Energy		4.3.1 (c)	Change	<p>[Guidance Note 2] The Current Retailer must send the relevant Notifications to the Recipient(s) whenever they become aware of Customer Changes.</p> <p>Aurora Energy comment: This implies that all recipients have to be sent changes as per the NERR however, only the DNSP is a requirement, others are as per a bilateral agreement – so this statement does not direct you to whom.</p>	<p>Modified (c) to DNSP.</p> <p>Added new clause (d):</p> <p>(a) [Guidance Note 1] The Current Retailer must send the relevant Notifications to other Recipient(s) as agreed whenever they become aware of Customer Changes.</p> <p>And removed duplicate clause 4.1 (b)</p>
58	TasNetworks		4.3.1 (d)	Editorial	Remove the “d”	Refer to item 53.
59	ENERGYAP, TCAMP, TCAUSTM		4.3.1 b) Table 4 – Customer Name	Change	<p>Ausgrid request that “Customer Access to Data” is added to the reasons why an FRMP must supply contact information. The current clause only recognises “outages and supply issues”.</p> <p>The same update also applies to Table 4 – Customer Name.</p> <p>The above allows a DNSP to use the Customer Name to validate the customer when replying to customer requests for meter data.</p>	Refer to item 41.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
60	Active Stream		4.3.1(a)	Change	How would the DNSP/MP inform a Retailer that the information they were provided in the B2B SO was not current as per field visit. The DNSP and the MPB should be able to use a more efficient tool of communication other than email, Is the CustomerDetailsNotification a more appropriate mechanism? If so, clause (a) needs to be amended.	No change. Need to use mechanism outside of B2B e.g. phone/email to notify Retailer.  Retailers are the source of truth for customer data, only the Retailer is permitted to send CDNs.
61	AGL		4.3.2	Change	“ The Changes are effective from the time of the email from the DNSP to the Retailer. “  This allows the retailer no time to process the email. This also does not clarify if this is from the time of receipt of the email or send time.	The changes are effective from the time the email is received by Retailer from the DNSP.
62	AusNet Services		4.3.2	Change	AusNet Services considers the obligation to include in an email to the Retailer the "Life Support Status" is not clear. We suggest changing it to "updated Life Support status" to reflect that the DNSP has been informed of an update to the Life Support Status.	No change the current wording is deemed to be sufficient

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
63	EnergyAustralia		4.3.2	Change	<p>We note that the procedure indicates</p> <ul style="list-style-type: none"> <li>a) That the Distributor can <u>email</u> a Retailer when they become aware of Life Support situations, however a Retailer must <u>call</u> a Distributor upon being advised of a Life Support situation.</li> <li>b) Life Support is effective from the time the email is sent by a Distributor.</li> </ul> <p>With regard to a) above, we are concerned that the procedures do not reflect consistency with retailer and distributor obligations regarding Life Support notifications. Both parties have the same obligations in the regulations. There is a risk that with email notification from a DB to a RB the RB is advised too late if there are planned interruptions scoped to commence. We ask that the procedures reflect consistency in how initial life support notification is communicated between parties, unless there is a compelling argument to do otherwise. (Must be communicated within 1 day as per CDN timings)</p> <p>With regard to item b) above, to state that Life Support is effective from a certain time is not an item the B2B procedures can mandate. Registration obligations are defined in the regulations. The procedure should only detail the mechanisms to communicate between the parties.</p>	<p>No change. IEC canvassed some participants. Retailers supported no change on Retail process and DNSP largely supported providing an email. IEC noted this will be subject to AER rule change.</p> <p>Clause D changed to be Guidance Note 1 instead of Guidance Note 2.</p>
64	Momentum Energy		4.3.2 (a)	Clarification	Can you please confirm if this is the case only in the case of adding a site as life support and not removing as life support site?	Yes

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65	Pacific Hydro		4.3.2 (a) – (d)	Change	<p>Reference is made to the Retailer in this section on life support. Previously it was stated the Current Retailer is always the Initiator of the CustomerDetailsNotification. Should the reference to Retailer be changed to Current Retailer?</p> <p>In (a) the first reference to the Retailer may apply if the information is obtained as part of the transfer process and the Retailer is yet to become the Current Retailer (FRMP) as the transfer is not yet complete.</p>	No change as this clause is around the manual process and can be performed by the prospective Retailer.
66	Endeavour Energy		4.3.2 (b)	Change	<p>With the descope of changes to the CDN, Endeavour requests Guidance note be amended as follows:</p> <p>[Guidance Note 2] Where the requirements for Life Support are no longer appropriate (for example an occupier no longer meets the jurisdictional requirements to be classified as a Life Support customer) a Retailer must send a CustomerDetailsNotification containing NMI, LastModifiedDateTime, a MovementType value of “Update” and SensitiveLoad value of “None” to the relevant DNSP. Where the DNSP finds an issue with the removal request, the DNSP may reject the request and liaise directly with the retailer. Where there is no issue the DNSP must update their records accordingly. Retailers may send this to other Recipients as agreed</p>	<p>Agree</p> <p>Changed “reject” to “query”.</p>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
67	Momentum Energy		4.3.2 (c)	Clarification	Why DNSP is not obliged to send the updated CSDN once they have received the confirmation about the site not being a life support site.	CDN's are only an obligation the Retailer as they have the interaction with customer and are the database of record for customer information
68	TasNetworks		4.3.2 (c)	Editorial	Insert "by telephone" between "Retailer" and "when"	Change agreed.
69	Active Stream		4.3.2(c)	Comment	Questioning why we are still using emails as a form of comms when the CustomerDetailsNotification is a valid mechanism for the DNSP to notify the Retailer of a Life Support customer. The B2B mechanisms should be considered prior to alternate methods of communication.	See 67
70	AGL		4.3.2(c)	Change	This part of the process is inconsistent with the equivalent in 4.3.2(a).  Both parties now have the same obligations with respect to a customer, an outage and customer fault situation. Therefore the process and information should be identical and interchangeable between Retailer and Network.	Refer 63
71	AGL		4.3.2(c)	Change	We should include a reference to how the e-mail subject line should be populated so that e-mail rules can ensure the e-mail is actioned.	Refer 63  Deferred until AER rule change
72	Red Energy & Lumo Energy		4.3.2(c)	Change	Red and Lumo recommend that this clause is re-split out to cover off a retailer not removing the life support flag as currently contemplated in the NERR.	Deferred until AER rule change

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73	Red Energy & Lumo Energy		4.3.2(d)	Change	This should be limited to adding the flag to the customer's account, but not capturing the removal of the flag. There is no obligation in the NERR that a Retailer must remove the flag.	Deferred until AER rule change
74	AGL		4.3.4	Change	Suggest this is a Guidance Note 2	Mark to chase up. Confirmed obligation 94.2 of the nerr
75	ActewAGL		4.4	Editorial	Two (h)'s	Changed
76	ActewAGL		4.4	Change	(i) remove the word "required" from sentence.	Changed
77	AGL		4.4	Change	Suggest reword;  "(b) [Guidance Note 2] Current Retailers and DNSPs must conduct a reconciliation of Customer Details for NMIs with Life Support customers on a regular basis as agreed between them. The Timing Requirements for the use of the CustomerDetailsReconciliation transaction and its Business Signals will be initiated and processed at least four times per year, during the months of January, April, July and October. "  To "Current Retailers and DNSPs must conduct a reconciliation of Customer Details for NMIs with Life Support customers at least four time per year"	Changed
78	Simply Energy		4.4	Change	<u>Customer Details Reconciliation</u>  (c) Where agreed between Participants, the Customer Details Reconciliation Process may be conducted more frequently or in different months to those specified.  Shouldn't this be a guidance note too?	<u>No change, no obligation as it's a may</u>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
79	Pacific Hydro	4.4 (a)	4.4 (a) and (b)	Change	(a) states Current Retailers can agree with any party to conduct regular reconciliations. As the Guidance Note indicated the reconciliation between the Current Retailer and DNSP is governed by the NERR. Suggest (a) be changed to the following and be moved to become (b); (b) will now become (a):  In addition to the DNSP Current Retailers can agree with Recipients of the CustomerDetailsNotifcations to conduct regular reconciliations.	No change wording deemed to be sufficient
80	Pacific Hydro	4.4 (d0	4.4 (e)	Change/Clarification	Does the use of the BusinessAcceptance/Rejections also apply to parties, other than the DNSP, involved in reconciliation? (f) mentions the obligations on parties other than the DNSP.	(a) And can adopt the processes described in the clauses below.  Remove or other parties from (f)
81	Pacific Hydro	4.4 (f)	4.4 (g)	Change	As this is referring to the NERR suggest changing Recipient to DNSP.	agreed
82	Aurora Energy		4.4 (i)	Editorial	as <b>described required</b> in the CustomerDetailsNotification process.  Aurora Energy comment : remove one or the other of the highlighted	Agreed
83	AGL		4.4(f)	Change	For consistency – amend Retailer to <u>Current</u> Retailer...	Agreed
84	Active Stream		4.4(h)	Editorial	Clause Numbering for (h) has been used twice.	Removed one (h)
85	AGL		4.4(h)	Editorial	There are two (h) clauses	Removed one (h)

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
86	AGL		4.4(h)	Change	Second (h) – Need to revert the response back to “Rec – Confirm no Life Support’ because:  1 the change relates to Life Support 2 There may still be sensitive load remaining	Left as “Rec-confirm no Sensitive Load” in line with version 2.2.
87	ActewAGL		4.5	Editorial	(b) remove second “only” from sentence	Agreed.
88	AGL		4.5	Change	<b>Suggest reword;</b> “Parties must agree to use this transaction to obtain mass updates of information” To “Parties <b>may</b> agree to use this transaction to obtain mass updates of information”	Updated
89	AusNet Services		4.5		Refer to AusNet Services comments on section 4.7	Refer response in 4.7
90	Origin Energy		4.5	Change	<b>(d) Parties must agree to use this transaction to obta</b>  Parties should be able to agree to use an alternative method as agreed between them and this should be a MAY instead of a MUST	Refer 88
91	Pacific Hydro		4.5	Editorial	(b) An Initiator must only send <del>only</del> a maximum of one SiteAccessRequest per <i>NMI</i> per day.	See 87
92	TasNetworks		4.5 (a)	Editorial	Remove the second word “only”	See 87
93	Aurora Energy		4.5 (b)	Editorial	An InitiatorDNSP or MPB must <b>only send only</b> a maximum of one SiteAccessRequest  Aurora Energy comment: remove one of the “only”	See 87

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
94	Active Stream		4.5(c)	Change	This clause also exists in the 4.6. See clause 4.6 (d). Suggest removing from 4.5 and that section 4.6 is a more appropriate holder for this clause.	No change
95	AusNet Services		4.6		Refer to AusNet Services comments on section 4.7	Refer to response 4.7
96	Pacific Hydro		4.6	Change	When referencing the Retailer I assume it means Current Retailer. Can the section be updated to reflect this?	Agreed

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
97	Red Energy & Lumo Energy		4.6 Site Access Notifications	Change	<p>Red and Lumo consider that with multiple parties interacting with the site that the Retailer should continue to send the transaction on receipt of information from the customer. However, any party that is attending site and identifies a site access or hazard, should also be able to initiate a Site Access Notification transaction to the Retailer.</p> <p>As such, we recommend that the following amendments are made to the Procedures to reflect this.</p> <p><b>4.6. Site Access Notification</b></p> <p>(a) The Retailer must send the <u>SiteAccessNotification</u> to the Recipient(s) whenever <u>a customer advises of they become aware of site access changes (Changes)</u>.</p> <p><u>(b) Parties that attend a site and identify a change to the access or hazard information should send a SiteAccessNotification to other relevant parties.</u></p> <p><del>(b) Parties that are not the Retailer should only send a SiteAccessNotification on receipt of a valid SiteAccessRequest.</del></p> <p>(c) The Recipient must not generate a new SiteAccessNotification <del>when they update their systems</del> as a result of an incoming SiteAccessNotification from another party.  <span style="color: red;">[note: covering off that parties have no obligation to update their systems upon receipt]</span></p> <p>(d) The Recipient must provide a SiteAccessNotification in response to a valid SiteAccessRequest.</p>	No change wording sufficient. Current wording is to minimise the need to send a SAN by any participant.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
98	Active Stream		4.6(b)	Change	<p>The DNSP and the MPB need to be aware of changes to site access details; this drives efficient industry practices and services. The current wording places constraints on how the B2B comms can be used.</p> <p>If a participant visits a site and notes updates to the information provided, is it the intention that the Retailer at a minimum is not informed about it?</p> <p>If the Retailer wants to be advised shouldn't the SiteAccessNotification present itself as the most efficient communication tool for this purpose.? If so, recommend that (b) be amended to reflect the action.</p> <p>It is recommended that a mutually beneficial industry practice is determined and confirmed via the B2B CSDN procedure and the procedure is aligned with that determination for CustomerDetailsNotification and SiteAccessNotification.</p> <p>i.e. 4.1(g) is some what contradictory to what the clauses 4.5 and 4.6 state.</p>	<p>No change wording sufficient. . Current wording is to minimise the need to send a SAN by any participant.</p>
99	Active Stream		4.7	Change	<p>For consistency in the document suggest 4.7 is retitled to Pre-installation Data Request.</p> <p>Consequently 4.7.1 becomes a clause of 4.7.</p> <p>Recommend creating section 4.8 Pre-Installation Response and relocating clauses 4.7 (b) &amp; (c) to 4.8.</p>	<p>See item 5.</p>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
100	AusNet Services		4.7	Change	<p>While AusNet Services observes that the first round consultation drafting remains in place, we maintain our position that the PreInstallationDataRequest and PreInstallationDataResponse could be consolidated within the existing Customer and Site Details Procedure under the SiteAccessRequest and SiteAccessNotification, and therefore the new Pre-Installation Data transactions are not required. Introducing the new Pre-Installation Data transactions would be costly to implement for all B2B Parties receiving transactions and result in process duplication with MSATS, SiteAccessRequest and SiteAccessNotification transactions. Further the Head of Power in NER clause 7.15.5 to provide this pre-installation information only pertains to providing the metering register, which is the data in MSATS and not any other data the MP may have.</p> <p>We therefore consider it is unnecessarily complex and imprudent to introduce these new Pre-Installation Data transactions, when the SiteAccessRequest and SiteAccessNotification transactions could just be modified to incorporate the needs of retailers, MPs, and DNSPs through a common method.</p> <hr/> <p>For consistency, please separate the Pre-Installation Request and Response into separate sections to align with the other transactions.</p>	See item 5.

101	ENERGYAP, TCAMP, TCAUSTM		4.7	Change	<p><b>Pre-Installation Data Request</b></p> <p>Ausgrid is of the view that the obligation to provide pre-installation data rests with AEMO since the metering register is MSATS. This is because clause 7.15.5 of the NER refers to the <i>metering register</i>, not the metering providers <i>metering installation</i> information stored in the metering providers database. So despite clause Clause 6.1(c) of the MP SLP requiring the current MP to provide information from their register of <i>metering installations</i> in accordance with clause 7.15.5 of the NER, it is the <i>metering register</i> (which is AEMOs MSATS system) that is relevant here, not the MPs register of metering installations.</p> <p>Ausgrid therefore requests AEMO review and publish the NER reference where it states the obligation for the Current MP/Current MC is required to provide information to a FRMP, MC or Service Provider with regard to the existing details of the current installed metering installation.</p> <p>In addition to the above Ausgrid is of the view that the proposed new Pre-Installation Data Request transaction is duplicating existing functionality contained within MSATS. It is Ausgrid’s understanding that AEMO is responsible for providing access to information in the <i>metering register</i> as per clause 7.15.5 of the NER. This access can be provided to the relevant parties via the C7 report.</p> <p>The Pre-Installation Data Request duplicates MSATS capabilities and also deviates from the current market system design whereby a central data repository exists for all relevant metering and NMI installation details. This introduces unnecessary costs,</p>	See item 5.
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ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
					<p>inefficiencies and potential conflicts of interests between service providers.</p> <p>AEMO has committed to making changes to the C7 report as part of the Power of Choice program to better facilitate metering competition. If the C7 report is not to be used as intended then Ausgrid questions the effort to make these changes at all. Ausgrid also notes that the mandatory fields in the Pre-Installation Data Request already exist in MSATS, and as part of the C7 report changes, will be available to incoming MP's.</p> <p>Ausgrid's view is that the Pre-Installation Data Request:</p> <ul style="list-style-type: none"> <li>• does not align with obligations in the proposed NER;</li> <li>• deviates from current and future efficient market system design; and</li> </ul> <p>costs and risks can be avoided and easily fulfilled by the C7 report.</p>	
102	AusNet Services		4.7.1		Refer to AusNet Services comments on section 4.7	Refer response on 4.7

103	Endeavour Energy		4.7.1	Change	<p>Pre-Installation Process</p> <p>AEMO/B2BWG is requested to provide the NER reference to the obligation for the Current MP/Current MC to provide information to an authorised party regarding a metering installation.</p> <p>It is our understanding that Clause 6.1(c) of the MP SLP states that the MP must provide information from their register of <i>metering installations</i> in accordance with clause 7.15.5 of the NER.</p> <p>However, clause 7.15.5 of the NER refers to the <i>metering register</i> not the <i>metering installation</i>.</p> <p>Further, we are of the view that the proposed new transaction is duplicative of existing functionality within MSATS. It is our understanding that AEMO is responsible for providing access to information in the <i>metering register</i> as per clause 7.15.5 of the NER and this is currently available to the New MP via the C7 report.</p> <p>A new B2B transaction that duplicates MSATS capabilities deviates from the current market system design whereby a central data repository exists for complete market facilitation. This introduces unnecessary cost and inefficiencies because while the data is maintained in MSATS it will not be used for its intended purpose.</p> <p>Further to this AEMO has committed to making changes to the C7 report as part of the Power of Choice program to better facilitate metering competition. If the C7 report is not used as intended then the effort to make these changes would be futile. These changes are due for industry testing in April 2017.</p>	See item 5.
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ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
					<p>We also note that the mandatory fields in the new B2B transaction exist in MSATS, and as part of the C7 report changes, will be available to new MP's.</p> <p>In summary, it is our view that the this transaction does not align with obligations in the NER, the cost and risk to the Power of Choice program outweighs the benefit of introducing the new B2B transaction, deviates from current market system design, and can be fulfilled by the C7 report.</p>	
104	Essential Energy		4.7.1		<p>Pre-Installation Process</p> <p>AEMO/B2BWG is requested to provide the NER reference to the obligation for the Current MP/Current MC to provide information to an authorised party regarding a metering installation.</p> <p>It is our understanding that Clause 6.1(c) of the MP SLP states that the MP must provide information from their register of <i>metering installations</i> in accordance with clause 7.15.5 of the NER.</p> <p>However, clause 7.15.5 of the NER refers to the <i>metering register</i> not the <i>metering installation</i>.</p> <p>Further, we are of the view that the proposed new transaction is duplicative of existing functionality and can be provided by the C7 report.</p>	See item 5.
105	AGL		5	Change	<p>Table 3 - CDR Transaction</p> <p>Reason – change 'Sensitive Load' to 'Life Support'</p>	Retained Sensitive Load same as version 2.2
106	AGL		5	Editorial	<p>Table 3 - CDR Transaction</p> <p>Reason – Term MBP does not seem to be defined</p>	Changed.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
107	AGL		5	Change	Table 3 - CDR Transaction Reason – Should MC be included alongside DNSP	Changed
108	ActewAGL		5.1	Editorial	Table 3 – Reason Data Quality Issue not formatted correctly as per rest of the table	No change
109	ActewAGL		5.1	Change	Table 3 – Reason Data Quality Issue repeated under “New Connection”	Changed
110	Active Stream		5.1	Change	Table 3 ‘Reason’ field: Data Quality Issue definition. Replace DNSP with Initiator as potentially other participants may be required to raise CDRs	No change wording sufficient
111	Active Stream		5.1	Change	Table 3 ‘Reason’ field: <ul style="list-style-type: none"> <li>• Transfer Complete, no CDN Received (DNSP only)</li> <li>• New Connection, no CDN Received (DNSP only)</li> </ul> Recommend removing the words (DNSP Only) from both as it a valid option for other participants to use – provided of course there are agreements in place.	Changed
112	Endeavour Energy		5.1	Editorial	Table 4 There are several instances in this section where the ‘MBP’ needs to be updated to ‘MPB’.	Updated

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response								
113	Endeavour Energy		5.1	Change	<p>Remove the restriction on the 'Reason' for 'DNSP Only' to use the reason codes highlighted below:</p> <table border="1"> <thead> <tr> <th>Reason</th> <th>VARCHAR(40)</th> <th>M</th> <th>Allowed values</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td> <ul style="list-style-type: none"> <li>Returned Mail</li> <li>Missing Customer Details</li> <li>Confirm Life Support</li> <li>No response to rejected CDN</li> <li>Transfer Complete, no CDN Re</li> <li>New Connection, no CDN Rec</li> <li>Data Quality Issue</li> <li>Other</li> <li>Rec – confirm no SensitiveLoar</li> </ul> </td> </tr> </tbody> </table>	Reason	VARCHAR(40)	M	Allowed values				<ul style="list-style-type: none"> <li>Returned Mail</li> <li>Missing Customer Details</li> <li>Confirm Life Support</li> <li>No response to rejected CDN</li> <li>Transfer Complete, no CDN Re</li> <li>New Connection, no CDN Rec</li> <li>Data Quality Issue</li> <li>Other</li> <li>Rec – confirm no SensitiveLoar</li> </ul>	Refer 111
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114	Energex & Ergon Energy	5.1	5.1	Change	<p><b>CustomerDetailsRequest Data</b></p> <p>Table 3 – Data Requirements forCustomerDetailsRequest B2B Transaction</p> <p>Field: <i>RequestID</i></p> <p>For consistency with the changes we are requesting for the PreInstallationDataRequest and PreInstallationDataresponse, we request the addition of a <i>RequestID</i> field in this transaction as we consider that this transaction should be treated as a process, where the Request must receive a Response in order to complete the process.</p> <p>The addition of a RequestID allows the Initiator and Recipient to track the progress of the Request/Response.</p>	<b>No change current practice do not see a reason to introduce this as the transaction has its own id.</b>								
115	TasNetworks		5.1	Editorial	Replace "MBP" with "MP" or "MPB"	Changed								

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
116	TasNetworks		5.1	Editorial	Table 3 In Transfer Complete and New Connection paragraphs change “DNSP/MBP” to “DNSP”	Disagree refer to 107
117	TasNetworks		5.1	Change	Table 3 The “New Connection” paragraph also contains “Data Quality Issue” comments that are duplicated from the “Data Quality Issue”. However comments in both Data Quality statements are not the same	Refer 109
118	VECTORAMS	5.1	5.1	Editorial	VectorAMS notes that there are numerous references to ‘MBP’ in this section. This should be MPB. Search and Replace required.	Agree
119	Aurora Energy		5.1 Table 3	Clarification	Reason - Rec - confirm no SensitiveLoadLifesupport” means the DNSP/MBP has a NMI is flagged for Life Support  Aurora Energy comment: this implies there is a requirement to do a CustomerDetailsReconciliation with the MPB however there may be an agreement not to send the MPB CDN’s	This flags which kind of participant may hold information – does not imply requirement.  Remove DNSP/MPB
120	Pacific Hydro	Table 5	5.1 Table 3	Editorial	Reference is made to the MBP. This should be MPB.	Agreed and changed.
121	Pacific Hydro	Table 5	5.1 Table 3	B2B Guide	Why the reference to the roles here and not in other sections of the document? If it is only these two roles that can make a CustomerDetailsRequest, then the document should reflect this. However, the B2B Guide does also reference the MC as an initiator of the CustomerDetailsRequest.	Refer 104

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
122	Pacific Hydro	Table 5	5.1 Table 3	Change	<p>Reason                      “Data Quality Issue” means that although the data may be technically correct, it may not be fit for purpose (e.g. phone number is 9999999). The DNSP must provide which specific data they are querying in the <i>SpecialNotes</i> field.</p> <p>Why is only the DNSP referenced here? According to the Allowed Values, the MPB should also comply with the above.</p>	Add MPB and MC

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
123	ENERGYAP, TCAMP, TCAUSTM		<b>5.1.</b>	Change	<p><b>Table 3 Data Requirements for Customer Details Request.</b> Ausgrid noted in Consultation Stage 1 that all Market Participants should be able to use a Customer Details Request Reason of <b>‘Transfer Complete, no CDN Received’</b>. Existing procedures still have:</p> <p><i>Transfer Complete, no CDN Received (DNSP only)</i></p> <p>Ausgrid note that this has not been updated and only the DNSP is allowed to use this Customer Details Request Reason.</p> <p>It is the responsibility of the incoming FRMP to ensure that all roles are updated with the latest Customer Detail information as per 3.2. g). Where an MC is not sent the new Customer Details following a FRMP transfer, the MC is entitled to request the information, noting that the FRMP has not fulfilled its obligations under the CSDN Procedures.</p> <p><b>Ausgrid request that ‘(DNSP only)’ be removed from the highlighted Reason Code.</b></p> <p>*****</p> <p><b>‘MBP’</b> is still incorrectly used in this section. Needs to be updated to <b>‘MPB’</b>.</p>	<b>Agree refer to 111</b>
124	ActewAGL		5.2			

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
125	AGL		5.2	Change	Table 4 – Sensitive Load Suggest change text for: None' <u>is required</u> <del>also applicable</del> if the Site is vacant.	No change wording sufficient
126	AusNet Services		5.2	Change	AusNet Services strongly recommends that email address be re-instated into the CDN structure. There is an ever increasing preference from customers to be contacted via email, and this most basic of information should be included into a modern exchange of customer details for the purpose of informing customers of outages. Further the provision of email addresses in the CDN transactions would improve for planned and unplanned outage notifications and confirming Life Support updates. With ring-fencing guideline obligations there are now firm controls that prevent DNSPs from inappropriately leveraging such information.	Refer 8
127	CitiPower Powercor	5.1	5.2	Change	<b>Table 4 – EmailAddress</b> CitiPower Powercor strongly recommends the B2BWG and IEC consider adding the email addresses field back in to this transaction. Customers are regularly telling us that they prefer to be contacted via a variety of communication channels, including emails. They particularly highlight reminders about upcoming outages as a prime example.  Distributors have several regulatory obligations to contact customers and by having an email address we can work towards enhancing that customer experience.	<b>Refer 8</b>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
128	CitiPower Powercor	5.1	5.2	Change	<p><b>Table 4 – PhoneNumber1</b></p> <p>CitiPower Powercor recommends that wording be added to the description of this field to highlight where the retailer has more than one phone number and has system limitations with providing all phone contact details then the preference be given to the mobile number being provided.</p>	<b>No change IEC did not have a broad consensus for this change</b>
129	Endeavour Energy		5.2	Change – decision to re- instate email Address to CDN required.	<p>CustomerDetailsNotificationData</p> <p>Although it is accepted that the life support changes have been de-scoped, there is significant value in adding the customer’s email address in the CDN. The significant cost savings and efficiencies that can be obtained by being able to email outage notifications must be considered by the B2BWG. Customers’ preferred method of contact is generally email as can be evidenced by example of bill delivery.</p> <p>The addition of this field does not fundamentally change the structure of this transaction and provides benefit to market participants without impact on any life support changes that may come about in the future.</p> <p>A field format catering for 100 characters will suffice.</p>	Agree

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
130	Energex & Ergon Energy	5.2	5.2	Change	<p><b>CustomerDetailsNotification Data</b></p> <p>Table 3 – Data Requirements forCustomerDetailsNotification</p> <p>Field: <i>RequestID</i></p> <p>For consistency with the changes we are requesting for the PreInstallationDataRequest and PreInstallationDataresponse, we request the addition of a <i>RequestID</i> field in this transaction as we consider that this transaction should be treated as a process, where the Request must receive a Response in order to complete the process.</p> <p>The addition of a RequestID allows the Initiator and Recipient to track the progress of the Request/Response.</p> <p>Where the CustomerDetailsNotification has been sent as an unsolicited transaction from the FRMP, the field could have a usage of 'Not Relevant'. In all other instances the field should have a usage of "Mandatory".</p>	<b>Refer to 114</b>
131	ENERGYAP, TCAMP, TCAUSTM		5.2	Change	<p>CustomerDetailsNotificationData</p> <p>Ausgrid request that a customer's email address be retained (added again) in the CSDN Procedures. There are significant cost savings if customer notifications can be performed by email instead of mail. Most customers prefer to be notified by email instead of mail:-</p> <ul style="list-style-type: none"> <li>• Bill delivery</li> </ul> <p>Notification of upcoming meter changes</p>	Agree refer to 8

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response				
132	Origin Energy		5.2	Change	<p><i>EmailAddress</i> VARCHAR(40) M/N E</p> <p>The email address should be reinstated as it is a critical improvement to business processes. The BMRG and IEC had agreed for the new IEC to recommend its inclusion and it is not linked to Life Support processes which have been removed from this draft.</p> <p>The email address field should be increased to 50 characters – there are existing email addresses on the industry ROCL that are greater than 40 characters and the character length seems to have been selected as an arbitrary figure. Having a longer email address length will reduce the risks of addresses not being able to be provided.</p> <p>This is particularly important for Business customers where the @XXXXX will be the business name.</p> <p>As part of POC 2 Appendix A response AEMO have advised that they find it <i>'extraordinary that a participant would use a delivery method when there are more efficient methods available and most end users would have an email address....'</i></p> <p>If the email address doesn't appear as a requirement in the CSDN process then it will not be available to the LNSP or MP through this process in order to allow them to use such an efficient process.</p> <table border="1" data-bbox="1028 962 1809 1139"> <tr> <td data-bbox="1028 962 1077 1139">24.</td> <td data-bbox="1077 962 1285 1139">VectorAMS, Simply Energy</td> <td data-bbox="1285 962 1386 1139">General Comments</td> <td data-bbox="1386 962 1809 1139">                     All expressed concerns over the implications of obligations introduced under the rules makes it unlikely that a Metering Provider will be able to address a Meter Malfunction required under the rules. As a result the MP's will be obliged to apply for a meter malfunction. Below is a table that demonstrates the typical process for a meter malfunction. Key Assumptions:                     <ul style="list-style-type: none"> <li>To avoid costs of multiple visits MP's must assume that a supply interruption suspect Meter Malfunction. Notice to Customer of a Supply Interruption</li> <li>Australia Post SLA for delivery is 1-4 business days using priority post,</li> </ul> </td> </tr> </table>	24.	VectorAMS, Simply Energy	General Comments	All expressed concerns over the implications of obligations introduced under the rules makes it unlikely that a Metering Provider will be able to address a Meter Malfunction required under the rules. As a result the MP's will be obliged to apply for a meter malfunction. Below is a table that demonstrates the typical process for a meter malfunction. Key Assumptions: <ul style="list-style-type: none"> <li>To avoid costs of multiple visits MP's must assume that a supply interruption suspect Meter Malfunction. Notice to Customer of a Supply Interruption</li> <li>Australia Post SLA for delivery is 1-4 business days using priority post,</li> </ul>	Agree refer 129
24.	VectorAMS, Simply Energy	General Comments	All expressed concerns over the implications of obligations introduced under the rules makes it unlikely that a Metering Provider will be able to address a Meter Malfunction required under the rules. As a result the MP's will be obliged to apply for a meter malfunction. Below is a table that demonstrates the typical process for a meter malfunction. Key Assumptions: <ul style="list-style-type: none"> <li>To avoid costs of multiple visits MP's must assume that a supply interruption suspect Meter Malfunction. Notice to Customer of a Supply Interruption</li> <li>Australia Post SLA for delivery is 1-4 business days using priority post,</li> </ul>							

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response																																				
133	Origin Energy		5.2	Comment	<p>Origin support the removal of the additional Life Support requirements pending further work by the AER</p> <table border="1" data-bbox="1048 347 1809 1241"> <thead> <tr> <th>Field Name</th> <th>Data Type</th> <th>Cardinality</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>LifeSupportContactName</td> <td>PERSONNAME</td> <td>M/N</td> <td>Should be the manager</td> </tr> <tr> <td>LSPostalAddress</td> <td>ADDRESS</td> <td>M/N</td> <td>Must be the caseXML-core considers to the address</td> </tr> <tr> <td>LSPhoneNumber1</td> <td>TELEPHONE</td> <td>M/N R R</td> <td>Must be the manager</td> </tr> <tr> <td>LSPhoneNumber2</td> <td>TELEPHONE</td> <td></td> <td>Must be the manager</td> </tr> <tr> <td>LSEmailAddress</td> <td>VARCHAR(40)</td> <td>M/N</td> <td>Email Address</td> </tr> <tr> <td>LifeSupportEvidence</td> <td>VARCHAR(1)</td> <td>M</td> <td>Y or N value</td> </tr> <tr> <td>SiteAddress</td> <td>ADDRESS</td> <td>M/N</td> <td>Must be the caseXML-core Must be provided</td> </tr> <tr> <td>LifeSupport-Equipment</td> <td>VARCHAR(40)</td> <td>M/N</td> <td>Must be provided Examples :  <ul style="list-style-type: none"> <li>▲ Positive</li> <li>▲ Home e</li> <li>▲ Photot</li> <li>▲ Ventil</li> <li>▲ Oxygen</li> <li>▲ Nebulis</li> <li>▲ Total p</li> </ul> </td> </tr> </tbody> </table>	Field Name	Data Type	Cardinality	Notes	LifeSupportContactName	PERSONNAME	M/N	Should be the manager	LSPostalAddress	ADDRESS	M/N	Must be the caseXML-core considers to the address	LSPhoneNumber1	TELEPHONE	M/N R R	Must be the manager	LSPhoneNumber2	TELEPHONE		Must be the manager	LSEmailAddress	VARCHAR(40)	M/N	Email Address	LifeSupportEvidence	VARCHAR(1)	M	Y or N value	SiteAddress	ADDRESS	M/N	Must be the caseXML-core Must be provided	LifeSupport-Equipment	VARCHAR(40)	M/N	Must be provided Examples : <ul style="list-style-type: none"> <li>▲ Positive</li> <li>▲ Home e</li> <li>▲ Photot</li> <li>▲ Ventil</li> <li>▲ Oxygen</li> <li>▲ Nebulis</li> <li>▲ Total p</li> </ul>	Noted
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ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
134	TasNetworks		5.2	Editorial	Table 4 Replace "Retailer" with "Initiator" in the last paragraph under Sensitive Load	Changed.
135	United Energy	5.1	5.2	Change	<b>Table 4 - email_Address:</b> UE request that the B2BWG and IEC re-consider adding email address back in. There are strong reasons for the inclusion of this most basic of contact information within the Customer details data. In particular the potential operational costs saving available when notifying customers of outages.	<b>Refer to 8</b>
136	United Energy		5.2	Change	<b>Table 4 – LastModifiedDateTime</b> – Make it clear that this time is EST (not local / daylight savings time) and should be consistent with the Market Time.	<b>No change</b>
137	SA Power Networks		5.2 – Table 4	Change	Email Address SA Power Networks recommends that the email addresses field that was removed from the CDN transaction following the Stage 1 consultation process be put back into the CDN transaction content.  Customers expect that communication regarding distributor related topics are provided via electronic methods and provision of this information will enable us to meet this expectation.	Refer to 8
138	Aurora Energy		5.2 Table 4	Change	BusinessName Aurora Energy comment: Needs M/N in Use	No change procedure states M/N

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
139	Aurora Energy		5.2 Table 4	Editorial	SensitiveLoad Aurora Energy comment: The “T” are of the page slightly	Formatted to show T
140	Jemena		5.2 Table 4	Change	Where the CSDN include information regarding a Sensitive Load the transaction should be structured to provide the email address (if available) of the customer on site.  This will enable the LNSP to manage notifications of planned outages in a reliable and timely manner and also to enable updates to the outage advised in a way that provides the customer with progress advice against the plan and updates on when reconnection is expected.	Refer to 8
141	Pacific Hydro	Table 6	5.2 Table 4	Change	It is understood the changes relating to life support have been withdrawn in response to the AER review. However, it is suggested the change to have a separate field for Life Support and Sensitive Load be maintained.	No change deferred until AER rule change
142	Pacific Hydro	Table 6	5.2 Table 4	Change	It is noted the Email Address field has been removed as a result of the retraction of the Life Support changes. It is suggested this field be reinstated as it is not necessarily related to Life support and provides a means of more direct contact with the customer.	Refer to 8

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
143	Red Energy & Lumo Energy		5.2 Table 4	Comment	<p>Red and Lumo strongly support the removal of all changes to the CustomerDetailsNotification transaction. We consider that the IEC has been prudent in its decision making, ensuring that this transaction is de-scoped, given the immense amount of change occurring.</p> <p>Whilst Red and Lumo understand that there are some participants that are requesting changes to this transaction to accommodate a variety of changes that they consider are necessary, in light of the draft decision we implore the IEC to remain with their original decision – to de-scope all changes to this transaction until the AER submits their rule change and the AEMC makes a final decision. Any changes that are made between now and the AEMC’s final decision will be a waste of time and effort in an environment of scarce resources.</p> <p>Further, Red and Lumo believe that any CustomerDetailsNotification changes progressed at this stage will only be available for a short period (i.e. from 1 December 2017 and potentially 1 July 2018 when the AEMC makes the effective date for its final decision). There is limited benefit to the industry to make a small change to this transaction, including adding changes for life support or email addresses, for such a short period of time.</p>	noted
144	Red Energy & Lumo Energy		5.2 Transaction – CDN	Change	BusinessContactName was R is now M/N.	Agree change.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
145	CitiPower Powercor	5.3	5.3	Change/Clarification	<b>Table 5 – Site Access Request ‘Reason’</b> CitiPower Powercor seeks clarification whether the reasons listed in this transaction are standard reason codes or free text?	<b>Added heading of allowed values</b>
146	Energex & Ergon Energy	5.3	5.3	Change	<b>SiteAccessRequest Data</b> Table 5 – Data Requirements for SiteAccessRequest Field: <i>RequestID</i> For consistency with the changes we are requesting for the <i>PreInstallationDataRequest</i> and <i>PreInstallationDataresponse</i> , we request the addition of a <i>RequestID</i> field in this transaction as we consider that this transaction should be treated as a process, where the Request must receive a Response in order to complete the process. The addition of a RequestID allows the Initiator and Recipient to track the progress of the Request/Response.	<b>Refer 114</b>
147	TasNetworks		5.3	Editorial	Table 5 Replace “MBP” with “MP” or “MPB”	Agreed and changed
148	Pacific Hydro	Table 7	5.3 Table 5	Editorial	<i>SpecialNotes</i> Any additional information the Recipient wishes to convey to the Initiator.  Should this read: Any additional information the Initiator wishes to convey to the Recipient.	<i>Agreed and changed</i>
149	AusNet Services		5.4	Change	As detailed in our first round submission, AusNet Services recommends making the ‘Access Detail’ and ‘Hazard Description’ fields longer, at least 160 characters. Also, we recommend allowing abbreviations. This aligns to the rules in MSATS: CATS Procedures which is the database of record of this data.	No change, 80 characters in MSATS no change to B2B

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
150	Energex & Ergon Energy	5.4	5.4	Change	<p>SiteAccessNotification Data</p> <p>Table 6 – Data Requirements for SiteAccessNotification</p> <p>Field: <i>RequestID</i></p> <p>For consistency with the changes we are requesting for the PreInstallationDataRequest and PreInstallationDataResponse, we request the addition of a <i>RequestID</i> field in this transaction as we consider that this transaction should be treated as a process, where the Request must receive a Response in order to complete the process.</p> <p>The addition of a RequestID allows the Initiator and Recipient to track the progress of the Request/Response.</p> <p>Where the SiteAccessNotification has been sent as an unsolicited transaction from the FRMP, the field could have a usage of ‘Not Relevant’. In all other instances the field should have a usage of “Mandatory”.</p>	Refer 114
151	United Energy		5.4	Change	<p><b>Table 6 – LastModifiedDateTime</b> – Make it clear that this time is EST (not local daylight savings time) and should be consistent with the Market Time.</p>	<b>No change</b>
152	Red Energy & Lumo Energy		5.4 Transaction – SAN	Change	<p>SpecialNotes is a new field. Should this be a SpecialInstruction field?</p> <p>It is unclear where Other and SpecialNotes will be used. We expect that this process will be automated, as the provision of SiteAccessNotification.</p> <p>If there is something outside the norm, participants are likely to communicate outside of B2B to obtain the information.</p>	No change BAU

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
153	Red Energy & Lumo Energy		5.4 Transaction – SAN	Change	<p>Red and Lumo recommend that an additional standard value is added to the list:</p> <p>Animals at premises</p> <p>We have many examples of access issues or hazards relating to cattle and other animals that impact access to the site.</p> <p>All changes to this transaction, including this one, will need to be reflected through the PreInstallationDataResponse.</p>	No change put it into description field
154	AusNet Services		5.5	Change	<p>While AusNet Services observes that the first round consultation drafting remains in place, we maintain our position that the PreInstallationDataResponse is a transaction that provides details that are either:</p> <ul style="list-style-type: none"> <li>• already in MSATS and available to the FRMP initiating the Metering Service Works (i.e. Load Type, Supply Phases, Generation Type, Transformer Type, CT Ratios, Network Tariff, Primary Voltage), or</li> <li>• are request able with SiteAccessRequest (i.e. Meter Location, AccessDetails, HazardDescription), or</li> <li>• both "energisation status" and "existing defects" are not required because qualified person doing the work must identify the energisation status and existing defects as part of their minimum safety requirements (eg JSA - Job Safety Assessment).</li> </ul> <p>It is the view of AusNet Services that adding transactions for PreInstallationData is unnecessarily complex and represents an imprudent industry decision.</p>	Refer to 5
155	Endeavour Energy		5.5	Change	<p>Table 7</p> <p>The fields Initiator ID and Initiator Role need to be reinstated into the transaction data to enable the Recipient to efficiently validate the request to ensure they are meeting their obligations under NER 7.15.5 Access to Data.</p>	No change NMI and PartID are enough for validation. IEC did not see enough benefit to incorporate RequestID

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
156	Endeavour Energy		5.5	Change	<p>Endeavour raised this item in the first round of consolation – the AEMO/B2BWG comment provided in the draft determination was – ‘REVIEW Need to discuss as a group to agree whether it has merit.’</p> <p>The merits are outlined below:</p> <p>Table 7</p> <p>Where the request is submitted by an incoming MPB, they must have a change request nominating them in MSATS.</p> <p>It will make for a simpler build for all participants if the change request ID is provided in the PreInstallationData request allowing the recipient to query their database by request ID as opposed to all change requests in their system looking for participant ID and NMI.</p>	See item 5.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
157	Energex & Ergon Energy	5.5	5.5	Change	<p><b>PreInstallationDataRequest Data</b></p> <p>Table 8 : Data requirements for PreInstallationDataResponse Data</p> <p>Field: <i>RequestID</i></p> <p>This field was previously provided in the Initial Consultation Draft but has subsequently been removed in this Draft.</p> <p>We request that this field be reinstated as it is required for us to ensure that a PreInstallationDataRequest has been fulfilled with a PreInstallationDataResponse.</p> <p>We note that some participants requested to have this field removed as it did not align to the other CSDN transactions. However, we consider that this transaction should be treated as a process, where the Request must receive a Response in order to complete the process and therefore requires a key to link the transactions.</p>	See Item 5.
158	Momentum Energy		5.5	B2B Guide	Where can the scenarios are found where PreInstallationDataRequest will be applicable.	See item 5.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
159	SA Power Networks		5.5	Comment	<p>Pre Installation Request &amp; Response</p> <p>SA Power Networks does not see a requirement for this transaction to be supported/provided by the Distributor performing the role of initial MC/MP for all current meters installed prior to 1 December 2017.</p> <p>SA Power Networks expect that no further information will be available to the new MP than what they can receive via current MSATS reporting capability.</p> <p>Additionally, SA Power Networks has reviewed the experience from current metering replacement activity that has been occurring within SA (our metering asset being replaced by the Retailer and non network MP) which has been working successfully without the need for the provision of any information from SA Power Networks to the new MP.</p> <p>We therefore recommend that if this transaction is to remain within the procedures that no obligations to support the transaction are placed on the Distributor performing the role of initial MC/MP.</p>	See item 5.
160	Pacific Hydro	Table 8	5.5 Table 7	Editorial	<p><del>Data requirements for Initiators must ensure that the PreInstallationDataRequest conforms to the usage, format and definitional rules detailed in the following table:</del></p> <p>This is an incomplete sentence.</p>	<b>See item 5</b>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
161	ENERGYAP, TCAMP, TCAUSTM		5.5.	Change	<p><b>PreInstallationDataRequest – Table 7</b></p> <p>The Pre-Installation Data Request needs to contain:-</p> <ul style="list-style-type: none"> <li>• Initiator Role</li> <li>• RequestID from the Change Request</li> </ul> <p>The Initiator Role is required for validation against current Market Contracts and open Change Requests. The RequestID is required to validate that a prospective role (MPB) is entitled to receive the requested information. The Pre-Installation Data Response contains private information (e.g. Meter Location could say 'key under mat'), therefore the Recipient must be able to validate the Initiator's entitlement to the information before releasing any data.</p>	See item 5
162	ActewAGL		5.6	Editorial	<p>ControlledLoad – fix wording to</p> <p>The <i>meter</i> has a register measuring export energy and is controlled by a network approved equipment configured to align with the network's 1st controlled load offer.</p> <p>Allowed values:</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>This field repeats for each <del>MeterSerialNUMBER</del> <i>MeterSerialNumber</i>.</p>	See item 5.
163	ActewAGL		5.6	Editorial	GenerationType – listed in table twice with one M and other R	See item 5

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response				
164	ActewAGL		5.6	Change	TransformerRatio – fix wording to Describes the instrument <i>transformer</i> connected ratio. E.g. 100/10. This field repeats for each <i>MeterSerialNumber</i> .	See item 5				
165	ActewAGL		5.6	Editorial	EnergisationStatus – Deenergised spelt wrong, and descriptions for them refer to “energised”.	See item 5				
166	AGL		5.6	Editorial	Table 8 – Generation Type (p31) This field is repeated – suggest delete one instance	See item 5				
167	AGL		5.6	Change	Table 8 – Energisation Status This field is not identical to the field in the OWN (enumerations and length) Suggest that the two fields be aligned.	See item 5				
168	AusNet Services		5.6	Editorial	Refer to AusNet Services comments on section 5.5  The field "GenerationType" is listed twice in the data structure.	See item 5				
169	Endeavour Energy		5.6	Editorial	Table 8 Should read <i>MeterSerialNumber</i>  <table border="1"> <tr> <td><i>ControlledLoad</i></td> <td>VARCHAR(3)</td> <td>M</td> <td>The <i>meter</i> has a register meas network approved equipment c controlled load offer. Allowed values:  <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> This field repeats for each <i>Met</i></td> </tr> </table>	<i>ControlledLoad</i>	VARCHAR(3)	M	The <i>meter</i> has a register meas network approved equipment c controlled load offer. Allowed values: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> This field repeats for each <i>Met</i>	See item 5
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170	Endeavour Energy		5.6	Editorial	<p>Table 8 Delete this row in the table as it is duplicated</p> <table border="1"> <tr> <td><i>GenerationType</i></td> <td>VARCHAR(5)</td> <td>M</td> <td>Indicates whether the m Allowed values:  <ul style="list-style-type: none"> <li>• Net</li> <li>• Gross</li> <li>• None</li> </ul>                     This field repeats for eac</td> </tr> </table>	<i>GenerationType</i>	VARCHAR(5)	M	Indicates whether the m Allowed values: <ul style="list-style-type: none"> <li>• Net</li> <li>• Gross</li> <li>• None</li> </ul> This field repeats for eac	See item 5.
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171	Energex & Ergon Energy	5.6	5.6	Change	<p><b>PreInstallationDataResponse Data</b></p> <p>Table 8 : Data requirements for PreInstallationDataResponse Data</p> <p>Field: <i>RequestID</i></p> <p>This field was previously provided in the Initial Consultation Draft but has subsequently been removed in this Draft.</p> <p>We request that this field be reinstated as it is required for us to ensure that a PreInstallationDataRequest has been fulfilled with a PreInstallationDataResponse.</p> <p>We note that some participants requested to have this field removed as it did not align to the other CSDN transactions. However, we consider that this transaction should be treated as a process, where the Request must receive a Response in order to complete the process and therefore requires a key to link the transactions.</p>	See item 5.				

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
172	Energex & Ergon Energy		5.6	Change	<p><b>PreInstallationDataResponse Data</b></p> <p>Table 8 : Data requirements for PreInstallationDataResponse Data</p> <p>Field: <i>GenerationType</i></p> <p>The field <i>GenerationType</i> is duplicated – one with a Usage of “M” and the other with a Usage of “R”. The duplicate with the incorrect usage needs to be removed as it causes confusion.</p>	See item 5.
173	Energex & Ergon Energy		5.6	Change	<p><b>PreInstallationDataResponse Data</b></p> <p>Table 8 : Data requirements for PreInstallationDataResponse Data</p> <p>Field: <i>NetworkTariff</i></p> <p>The PreInstallationDataResponse Data table assigns the Network Tariff to the meter. However, the tariff is assigned at a Register level in MSATS and, as such, the transaction needs to be amended to have the tariff at the Register level.</p>	See item 5.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
174	Energex & Ergon Energy		5.6	Change	<p><b>PreInstallationDataResponse Data</b></p> <p>Table 8 : Data requirements for PreInstallationDataResponse Data</p> <p>Field: <i>EnergisationStatus</i></p> <p>We consider this field should align to the NMI Status in MSATS and, as such, we recommend the inclusion of a matrix within the document to help participants understand what the status will translate to in MSATS.</p> <p>For example:</p> <p>Not Connected = Greenfield.</p> <p>De-energised before Meter = De-energised.</p> <p>De-energised at the Meter = Active (assumes Remote De-energisation).</p>	See item 5
175	Energex & Ergon Energy		5.6	Change	<p><b>PreInstallationDataResponse Data</b></p> <p>Table 8 : Data requirements for PreInstallationDataResponse Data</p> <p>Field: <i>SpecialNotes</i></p> <p>The text within the Definition/Comments field for <i>SpecialNotes</i> needs to be re-written to reflect the correct flow of the message, i.e.:</p> <p>Any special notes the <del>Initiator</del>Recipient wishes to convey to the <del>Recipient</del>Initiator.</p>	See item 5.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
176	Origin Energy		5.6	Comment	<p><b>5.6. PreInstallationDataResponse Data</b></p> <p>Origin supports the inclusion of mandatory fields in the pre installation response. Previous discussions have indicated that LNSP believe that they have most of the required data but it is across diverse systems.</p> <p>The mandatory provision of this data in the response will help with an effective meter change process by being able to review all available data as part of a meter exchange</p>	See item 5.

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response																								
177	Origin Energy		5.6	Comment	<table border="1" data-bbox="1041 263 1809 805"> <tr> <td><i>MeterSerial Number</i></td> <td>VARCHAR(122642)</td> <td>M</td> <td>Meter Serial ID(s). <u>This field repeats to allow the reporting of multiple Mete</u></td> </tr> <tr> <td><i>MeterInstallCode</i></td> <td>CHAR(8)</td> <td>M</td> <td>Metering Installation Type Code. <u>This field repeats to allow the reporting of multiple Mete</u></td> </tr> <tr> <td><i>Equipment-Type</i></td> <td>VARCHAR(240)</td> <td>R</td> <td><u>This field repeats to allow the reporting of m</u> Details of any equipment attached to the <i>metering install</i>  <ul style="list-style-type: none"> <li>• Internal Relay</li> <li>• External Relay</li> <li>• Internal Time Switch</li> <li>• External Time Switch</li> </ul> <u>This field repeats to allow the reporting of multiple Mete</u></td> </tr> <tr> <td><i>Load-Type</i></td> <td>VARCHAR(20)</td> <td>R</td> <td><u>This field repeats to allow the reporting of m</u> Describes the <i>load</i> associated with the <i>meter</i>.  <ul style="list-style-type: none"> <li>← General-Supply</li> <li>← Controlled-Load</li> <li>← Generation-(Net)</li> <li>← Generation-(Gross)</li> </ul> <u>This field repeats to allow the reporting of multiple Mete</u></td> </tr> <tr> <td><i>GeneralSupply</i></td> <td>VARCHAR(3)</td> <td>M</td> <td>The <i>meter</i> has a register measuring export energy and a network approved equipment. Allowed values:  <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <u>This field repeats for each MeterSerialNumber.</u></td> </tr> <tr> <td><i>ControlledLoad</i></td> <td>VARCHAR(3)</td> <td>M</td> <td>The <i>meter</i> has a register measuring export energy and network approved equipment configured to align with the controlled load offer. Allowed values:  <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <u>This field repeats for each MeterSerialNUMBER.</u></td> </tr> </table> <p data-bbox="1012 863 1783 1043">Draft examples should be available early in the process in order to ensure configuration requirements are clear where the meter serial number repeats – the end process should enable the recipient to clearly understand which meter serial number has which characteristic.</p>	<i>MeterSerial Number</i>	VARCHAR(122642)	M	Meter Serial ID(s). <u>This field repeats to allow the reporting of multiple Mete</u>	<i>MeterInstallCode</i>	CHAR(8)	M	Metering Installation Type Code. <u>This field repeats to allow the reporting of multiple Mete</u>	<i>Equipment-Type</i>	VARCHAR(240)	R	<u>This field repeats to allow the reporting of m</u> Details of any equipment attached to the <i>metering install</i> <ul style="list-style-type: none"> <li>• Internal Relay</li> <li>• External Relay</li> <li>• Internal Time Switch</li> <li>• External Time Switch</li> </ul> <u>This field repeats to allow the reporting of multiple Mete</u>	<i>Load-Type</i>	VARCHAR(20)	R	<u>This field repeats to allow the reporting of m</u> Describes the <i>load</i> associated with the <i>meter</i> . <ul style="list-style-type: none"> <li>← General-Supply</li> <li>← Controlled-Load</li> <li>← Generation-(Net)</li> <li>← Generation-(Gross)</li> </ul> <u>This field repeats to allow the reporting of multiple Mete</u>	<i>GeneralSupply</i>	VARCHAR(3)	M	The <i>meter</i> has a register measuring export energy and a network approved equipment. Allowed values: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <u>This field repeats for each MeterSerialNumber.</u>	<i>ControlledLoad</i>	VARCHAR(3)	M	The <i>meter</i> has a register measuring export energy and network approved equipment configured to align with the controlled load offer. Allowed values: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <u>This field repeats for each MeterSerialNUMBER.</u>	See item 5.
<i>MeterSerial Number</i>	VARCHAR(122642)	M	Meter Serial ID(s). <u>This field repeats to allow the reporting of multiple Mete</u>																											
<i>MeterInstallCode</i>	CHAR(8)	M	Metering Installation Type Code. <u>This field repeats to allow the reporting of multiple Mete</u>																											
<i>Equipment-Type</i>	VARCHAR(240)	R	<u>This field repeats to allow the reporting of m</u> Details of any equipment attached to the <i>metering install</i> <ul style="list-style-type: none"> <li>• Internal Relay</li> <li>• External Relay</li> <li>• Internal Time Switch</li> <li>• External Time Switch</li> </ul> <u>This field repeats to allow the reporting of multiple Mete</u>																											
<i>Load-Type</i>	VARCHAR(20)	R	<u>This field repeats to allow the reporting of m</u> Describes the <i>load</i> associated with the <i>meter</i> . <ul style="list-style-type: none"> <li>← General-Supply</li> <li>← Controlled-Load</li> <li>← Generation-(Net)</li> <li>← Generation-(Gross)</li> </ul> <u>This field repeats to allow the reporting of multiple Mete</u>																											
<i>GeneralSupply</i>	VARCHAR(3)	M	The <i>meter</i> has a register measuring export energy and a network approved equipment. Allowed values: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <u>This field repeats for each MeterSerialNumber.</u>																											
<i>ControlledLoad</i>	VARCHAR(3)	M	The <i>meter</i> has a register measuring export energy and network approved equipment configured to align with the controlled load offer. Allowed values: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <u>This field repeats for each MeterSerialNUMBER.</u>																											
178	Origin Energy		5.6	Change	<table border="1" data-bbox="1059 1082 1809 1204"> <tr> <td><i>Network-Tariff</i></td> <td>VARCHAR(10)</td> <td>M</td> <td><u>MeterSerialNum</u> Network's public <u>This field repea</u></td> </tr> </table> <p data-bbox="1012 1246 1720 1313">Should become R for Required as Network Tariff it may not always be available for a pre installation request.</p>	<i>Network-Tariff</i>	VARCHAR(10)	M	<u>MeterSerialNum</u> Network's public <u>This field repea</u>	See item 5																				
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ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response								
179	Origin Energy		5.6	Comment	<p>Origin support the inclusion of the Generation Type to ensure the site characteristics are known pre installation.</p> <table border="1" data-bbox="1028 373 1809 536"> <tr> <td data-bbox="1028 373 1272 405"><u>Generation Type</u></td> <td data-bbox="1272 373 1473 405"><u>VARCHAR(5)</u></td> <td data-bbox="1473 373 1554 405"><u>M</u></td> <td data-bbox="1554 373 1809 432"><u>Indicates whether the n</u> <u>Allowed values:</u></td> </tr> <tr> <td colspan="4" data-bbox="1554 432 1809 536"> <ul style="list-style-type: none"> <li data-bbox="1621 443 1711 467">• <u>Net</u></li> <li data-bbox="1621 472 1733 496">• <u>Gross</u></li> <li data-bbox="1621 501 1733 525">• <u>None</u></li> </ul> </td> </tr> </table>	<u>Generation Type</u>	<u>VARCHAR(5)</u>	<u>M</u>	<u>Indicates whether the n</u> <u>Allowed values:</u>	<ul style="list-style-type: none"> <li data-bbox="1621 443 1711 467">• <u>Net</u></li> <li data-bbox="1621 472 1733 496">• <u>Gross</u></li> <li data-bbox="1621 501 1733 525">• <u>None</u></li> </ul>				See item 5.
<u>Generation Type</u>	<u>VARCHAR(5)</u>	<u>M</u>	<u>Indicates whether the n</u> <u>Allowed values:</u>											
<ul style="list-style-type: none"> <li data-bbox="1621 443 1711 467">• <u>Net</u></li> <li data-bbox="1621 472 1733 496">• <u>Gross</u></li> <li data-bbox="1621 501 1733 525">• <u>None</u></li> </ul>														

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response												
180	Origin Energy		5.6	Change	<p>Generation Type is included twice in the response request</p> <table border="1"> <tr> <td><u>GenerationType</u></td> <td><u>VARCHAR(5)</u></td> <td><u>M</u></td> <td> <p>Indicates whether the meter is configured to measure net or gross generation.</p> <p>Allowed values:</p> <ul style="list-style-type: none"> <li><u>Net</u></li> <li><u>Gross</u></li> <li><u>None</u></li> </ul> <p>This field repeats for each meter.</p> </td> </tr> <tr> <td><u>Supply-Phases</u></td> <td><u>VARCHAR(20)</u></td> <td><u>R</u></td> <td> <p>Code indicating number of phases.</p> <ul style="list-style-type: none"> <li><u>4-Single phase</u></li> <li><u>2-Two phase</u></li> <li><u>3-Three phase</u></li> <li><u>Other - Multi Phase</u></li> </ul> <p>This field repeats to allow for multiple meters.</p> </td> </tr> <tr> <td><u>Generation-Type</u></td> <td><u>VARCHAR(5)</u></td> <td><u>R</u></td> <td> <p>Describes the generation meter is configured to measure net or gross generation.</p> <ul style="list-style-type: none"> <li><u>Net</u></li> <li><u>Gross</u></li> <li><u>None</u></li> </ul> <p>For example: PV, EV</p> <p>This field repeats to allow for multiple meters.</p> </td> </tr> </table>	<u>GenerationType</u>	<u>VARCHAR(5)</u>	<u>M</u>	<p>Indicates whether the meter is configured to measure net or gross generation.</p> <p>Allowed values:</p> <ul style="list-style-type: none"> <li><u>Net</u></li> <li><u>Gross</u></li> <li><u>None</u></li> </ul> <p>This field repeats for each meter.</p>	<u>Supply-Phases</u>	<u>VARCHAR(20)</u>	<u>R</u>	<p>Code indicating number of phases.</p> <ul style="list-style-type: none"> <li><u>4-Single phase</u></li> <li><u>2-Two phase</u></li> <li><u>3-Three phase</u></li> <li><u>Other - Multi Phase</u></li> </ul> <p>This field repeats to allow for multiple meters.</p>	<u>Generation-Type</u>	<u>VARCHAR(5)</u>	<u>R</u>	<p>Describes the generation meter is configured to measure net or gross generation.</p> <ul style="list-style-type: none"> <li><u>Net</u></li> <li><u>Gross</u></li> <li><u>None</u></li> </ul> <p>For example: PV, EV</p> <p>This field repeats to allow for multiple meters.</p>	<b>See item 5</b>
<u>GenerationType</u>	<u>VARCHAR(5)</u>	<u>M</u>	<p>Indicates whether the meter is configured to measure net or gross generation.</p> <p>Allowed values:</p> <ul style="list-style-type: none"> <li><u>Net</u></li> <li><u>Gross</u></li> <li><u>None</u></li> </ul> <p>This field repeats for each meter.</p>															
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181	TasNetworks		5.6	Editorial	<p>Table 8</p> <p>Duplication of Generation Type</p>	<b>See item 5</b>												
182	United Energy		5.6	Change	<p><b>Table 6 – Generation Type</b> – The field ‘generation type’ appears twice in the table</p>	<b>See item 5</b>												

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
183	United Energy		5.6	Change	<b>Table 8 – Primary Voltage</b> - the Voltage list is not correct. Change 415V to 400V (It will then be consistent with 230V phase to neutral)	<b>See item 5</b>
184	United Energy		5.6	Change	<p><b>Table 8 – Latitude:</b> The example and representation of Latitude as described is not the most modern and effective that could be selected, and it allows for too much interpretation in format. Parsing and using Degrees / Minutes/ Seconds as the description implies is unnecessarily complicated. Hence the recommendation to use decimal degrees- a more commonly used format (eg by Google).</p> <p><b>Change Format to :</b> NUMERIC (s2.7) [Note this field format is defined in Tech Delivery Spec Table 3]</p> <p><b>Change description to:</b> The angular measurement North or South of the equator in decimal degrees (to 7 decimal places). Angles South of the equator will be represented as negative values. Eg -37.8886755</p>	<b>See item 5</b>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
185	United Energy		5.6	Change	<p><b>Table 8 – Longitude:</b> The example and representation of Longitude as described is not the most modern and effective that could be selected, and it allows for too much interpretation in format. Parsing and using Degrees / Minutes/ Seconds as the description implies is unnecessarily complicated. Hence the recommendation to use decimal degrees- a more commonly used format (eg by Google).</p> <p><b>Change Format to :</b> NUMERIC (s3.7) [Note this field format is defined in Tech Delivery Spec Table 3]</p> <p><b>Change description to:</b> The angular measurement East or West of the prime meridian in decimal degrees (to 7 decimal places). Angles East of the Prime Meridian (eg Australia) will be represented as positive values. Eg +145.1410361</p>	<b>See item 5</b>
186	VectorAMS	5.6	5.6	Change	The PreInstallationDataResponse provides a list of hazards (HazardDescription) that have been recorded against the site. It would be useful to know when each hazard was recorded. Older hazards are less likely to be relevant. This will allow a recipient of this information to make a judgement of the relevance of the information.	<b>See item 5</b>
187	Acumen Metering		5.6 Table 8	Comment	This information is very valuable to the incoming MP. It is a requirement under the MPB SLP's for this information to be exchanged between the old MP (being the LNSP in this residential world) and the proposed new MP. If this transaction does not get up then the alternative is that the corresponding fields mentioned in table 8 become mandatory fields in MSATS with a retrospective population date.	<b>See item 5</b>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
188	Aurora Energy		5.6 Table 8	Editorial	Aurora Energy comment: There are 2 Generation Type in the table both with different values	<b>See item 5</b>
189	ENERGYAP, TCAMP, TCAUSTM		5.6.	Change	<p><b>PreInstallationDataResponse – Table 8</b></p> <p>Ausgrid would like the following fields added as ‘optional’ to the PreInstallationDataResponse:-</p> <ul style="list-style-type: none"> <li>• Meter Manufacturer</li> <li>• Meter Model</li> </ul> <p>This will allow incoming Metering Providers in Ausgrid’s area to identify the number of meters and load control devices are on the switchboard prior to arrival at each site. Ausgrid has provided a conversion table of Meter Manufacturer / Meter Model to Phase Configuration to all Market Participants. Ausgrid request the fields above be added to the PreInstallationDataResponse for this information to be used.</p>	<b>See item 5</b>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response								
190	ENERGYAP, TCAMP, TCAUSTM		5.6.	Change	<p><b>PreInstallationDataResponse – Table 8</b></p> <p>MPB’s will be reliant on the Network Tariff supplied in the PreInstallation Data Request now that AEMO has made the Network Tariff field mandatory in all Meter Change Requests. Ausgrid therefore requests the following fields be added to the Pre-Installation data Response:-</p> <ul style="list-style-type: none"> <li>• Meter RegisterID</li> <li>• NMI Suffix</li> </ul> <p>Network Tariffs are populated at a Register Level in MSATS, therefore supplying the Network Tariff at a meter level is not enough to determine the correct application of the Network Tariff. The Meter Register ID is required to ensure correct Network Tariffs are populated by the new MPB. The NMI Suffix is required to ensure continuity of data before and after the meter exchange (e.g. E2 does not become E1 and Vice Versa).</p>	See item 5								
191	Endeavour Energy		5.7	Editorial	<p>Reword the highlighted sentence to: ‘A code to indicate acceptance or the reason for the rejection’</p> <p><b>5.7. BusinessAcceptance/Rejection</b></p> <p><b>Table 9 BusinessAcceptance/Rejection</b></p> <table border="1"> <thead> <tr> <th>Field</th> <th>Structure</th> <th>Use</th> <th>Definition/Com</th> </tr> </thead> <tbody> <tr> <td>EventCode</td> <td>EVENTCODE</td> <td>M</td> <td>Indicate the rea defined in Table</td> </tr> </tbody> </table>	Field	Structure	Use	Definition/Com	EventCode	EVENTCODE	M	Indicate the rea defined in Table	Accepted and changed.
Field	Structure	Use	Definition/Com											
EventCode	EVENTCODE	M	Indicate the rea defined in Table											

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
192	Endeavour Energy		5.7.1	Change	Table 10 Business Events Add an event to be able to reject a PreInstallationData request if the NMI has no metering installed e.g. NMI status is 'G' or 'X'.	Agreed and changed.
193	Energex & Ergon Energy		5.7.1	Change	<b>Applicable Business Events</b> Table 10 : Business Events Business Document: <a href="#">CustomerDetailsRequest</a> The wording for the Business Event is vague and does not provide any indication as to which participant is not authorised – the Initiator or the Participant. We recommend replacing “Participant” with “Initiator” as per below: “Initiator is not authorised to receive the requested data”.	No change wording sufficient as this provides a generic error code for all participants
194	Energex & Ergon Energy		5.7.1	Change	<b>Applicable Business Events</b> Table 10 : Business Events Business Document: <a href="#">SiteAccessRequest</a> The wording for the Business Event is vague and does not provide any indication as to which participant is not authorised – the Initiator or the Participant. We recommend replacing “Participant” with “Initiator” as per below: “Initiator is not authorised to receive the requested data”.	No change wording sufficient as this provides a generic error code for all participants

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
195	Energex & Ergon Energy		5.7.1	Change	<p><b>Applicable Business Events</b></p> <p>Table 10 : Business Events</p> <p>Business Document: <a href="#">PreInstallationDataRequest</a></p> <p>The wording for the Business Event is vague and does not provide any indication as to which participant is not authorised – the Initiator or the Participant.</p> <p>We recommend replacing “Participant” with “Initiator” as per below:</p> <p>“Initiator is not authorised to receive the requested data”.</p>	No change wording sufficient as this provides a generic error code for all participants
196	Energex & Ergon Energy		5.7.1	Change	<p><b>Applicable Business Events</b></p> <p>Table 10 : Business Events</p> <p>Business Document: <a href="#">PreInstallationDataResponse</a></p> <p>We consider that the <a href="#">PreInstallationDataRequest</a> and the <a href="#">PreInstallationDataResponse</a> are processes which link the request to the response and, as such, there should not be a reason for the Response to be rejected for this reason (that a <i>Participant is not authorised to receive the requested data</i>). We recommend that the BusinessEvent for the <a href="#">PreInstallationDataResponse</a> be replaced with Event Code: 1970 “Data not fit for purpose. Details provided in Explanation.”</p>	<b>See item 5.</b>

ID	Participant	Old Clause	New Clause	Type	Comments	IEC Response
197	Origin Energy		5.7.1 Table 10	Change	<div data-bbox="1016 268 1809 384" style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p><u>PreInstallationDataResponse</u> <u>BusinessAcceptance/Rejection</u> <u>Participant receive the</u></p> </div> <p>Not required – if the recipient receives a pre installation data response and it isn't linked to a pre installation data request it is unlikely they will take any action and will not send a accept / reject saying they are unauthorised to receive it.</p>	See item 5.