

10 November 2017

## **Notice to all Registered Participants under the National Gas Rules**

**This notice is to advise Participants on AEMO's decision to approve amendments to:**

- **Artefacts of the Gas Interface Protocol (GIP) (NSW/ACT); and**
- **Artefacts of the Specification Pack (SP) (SA).**

This notice advises Gas Market Registered Participants that consultation under the expedited Procedure change consultative process prescribed under Rule 135EF of the National Gas Rules (**NGR**) concluded on 30 October 2017 for:

- **IN026/16 (Minor Technical Protocol Changes)**

Prior to commencing the expedited consultation process, this proposal was considered by the Gas Retail Consultative Forum (GRCF) in accordance with the "Approved Process" under Rule 135EC of the NGR.

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

AEMO received responses from Jemena, Origin and AGL indicating their support of this proposal. Having considered this proposal and feedback received during this consultation, AEMO has decided to amend the GIP and the SP in the forms published with this notice (see Attachments A, B and C). The effective date for these amendments is **4 December 2017**.

Updated versions of the GIP and SP will be published on the AEMO website prior to the effective date.

Should you require any further information please contact Nandu Datar on (03) 9609 8851.

## Attachment A

### Extract of proposed changes to South Australian Specification Pack (FRC B2B System Interface Definition document and FRC B2M-B2B Hub System Architecture document)

Yellow shaded highlight show the proposed marked up change [blue underline](#) means add and [red strikethrough](#) means delete. [Green shaded highlight](#) show update made post GMI.

#### IN021/15 Context:

Add CustomerClassificationCode and CustomerThresholdCode to NMISstanding Data Response. During the NARGP WWT consultation it was identified that CustomerClassificationCode and CustomerThresholdCode needs to be added to the NMISstanding Data Response transaction in the FRC B2B System Interface Definition document. This is a documentation change only.

#### Proposed changes to section 4.3.2.5:

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Transaction:		NMISstandingDataResponse	
Received From:		Network Operator	
Sent To:		User	
Data Element	SA & WA: Mandatory / Optional / Not Required	VIC: Mandatory / Optional / Not Required	Usage
NMI	M	M	
checksum	M	M	Implemented as an attribute of the NMI aseXML element
DistributionTariff	O	O	Required if meter is attached
TransmissionZone	M	M	
HeatingValueZone	M	M	
CustomerCharacterisation	O	O	Required in SA if Basic Meter is attached. Not Required in WA
<a href="#">CustomerClassificationCode</a>	<a href="#">O</a>	<a href="#">O</a>	<a href="#">Mandatory in South Australia, Victoria and Queensland.</a>
<a href="#">CustomerThresholdCode</a>	<a href="#">O</a>	<a href="#">O</a>	<a href="#">Not required where CustomerClassificationCode is "RES".</a>

## **IN010/17 Context:**

The changes applied to the SA FRC B2B System Interface definition for IN039/16 (Harmonisation of T900 Password Protection) initiative overlooked that a chapter 4 specifying the compressed CSV format doesn't exist in this document. This document needs to be amended to say "as described in Specification Pack document titled FRC CSV File Format Specifications" rather than the words "in this document".

## **Proposed changes to section Appendix G:**

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### **1. Customer and Site Details (Monthly update) (T900)**

In order to manage the 'transfer' and customer set up following a RoLR event, all Users are to provide to AEMO, on a monthly basis, a list of MIRNS and associated details for which they are the current user.

The Customer and Site Details (Monthly) listing is to be refreshed after the end of the calendar month by Users. Users must FTP the refreshed files to AEMO. AEMO will provide a secure location for each file that enables Users to directly place the file in a secure location to which the relevant all Users has Market Information Bulletin Board (MIBB) access privileges that require a username and password.

#### **(A) Customer and Site Details File Format**

The file must be provided to AEMO in a compressed CSV format (refer to chapter 4 Compression Format **in this document as described in Specification Pack document titled FRC CSV File Format Specifications**) and without any password Protection.

#### **(B) File Format Transitional Requirement**

The requirement to provide the file in the format described in (A) above does not apply to retailers registered before 29 September 2017 until 1 September 2018. For the avoidance of doubt all retailers must provide the file to AEMO in a compressed CSV format after 1 September 2018 (refer to chapter 4 Compression Format **in this document as described in Specification Pack document titled FRC CSV File Format Specifications**).

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**IN025/15 Context:**

There is a typo in section 2.1.6 of the FRC B2M-B2B Hub System Architecture in that the document still refers to Hansen's Network. It should be changed to MarketNet to be consistent with the Vic and Qld version of the documents. Note this wasn't picked up in the changes for IN023/14 consultation. The equivalent issue has been raised by REMCo and is issue # 178.

**Proposed changes to section 2.1.6****2.1.6. Networks**

~~(WA Only)~~ The FRC B2B System will be configured to accept messages from the Internet, and from the MarketNet Network. Participants may only use these two networks.

~~(SA Only) The FRC B2B System will be configured to accept messages from the Internet, and from the Hansen's Network. Participants may only use these two networks.~~

## Attachment B

### Extracts of proposed changes to Participant Build Pack 5 (NSW/ACT Specific Build Pack and Process Flow Diagrams)

**Yellow shaded highlight** show the proposed marked up change **blue underline** means add and **red strikethrough** means delete.

#### **IN011/16 Context:**

PBP5 clarification item - MeterSerialNumber in Service Orders. The NSW-ACT PBP5 has ambiguous wording in section 5.13.2 (ServiceOrderResponse) to clarify whether the Current/ MeterSerialNumber is always required to be included in SO Response and to the letter implies the field should be present. It is noted that it would not be feasible for Jemena/AAD to provide something for it in No Access scenarios, where the NoAccess block in the transaction would be used. The wording in the Usage column should ideally say "Required whenever a current meter is referenced as part of the Service Order request (and results in a Service Order completion)". This clarification can be included in a future release of the PBP5. Discussion may be required on whether it should be optional or even required if the Service order is closed with a 'Could not complete' or 'Cancellation' as these will not be using the NoAccess block."

#### **Proposed changes to section 5.13:**

<b>Received From:</b>		Distributor
<b>Sent To:</b>		Retailer
<b>Data Element</b>	<b>Mandatory / Optional / Not Required</b>	<b>Usage</b>
		meter is fitted as part of the Service Order completion. O = Ordinary billing, C = Central hot water system billing, or D = Deduct meter billing. This may be repeated for each new meter attached under a MFX job under a separate 'New' data structure.
Current/ MeterRead/ Current/ IndexValue	O	Required whenever a validated meter read is taken as part of the Service Order completion. If supplied will result in the provision of energy data for this MIRN via a MeterDataNotification transaction.
Current/ MeterSerialNumber	O	Required whenever a current meter is referenced as part of the Service Order request (and results in a Service Order completion).
DateOfAttemptedAccess	O	Required for No Access response

**IN015/16 Context:**

PBP5 Upgrade / Downgrade amendment. Update section 6.10 Upgrade/Downgrade to note that AEMO should send the CSV file received from DB to the impacted Retailer(s) and later provide the email ACK to both the DB and Retailer

**Proposed changes to section 6.10:**

**6.10 Upgrade or Downgrade of MIRN Request (Ref 2445, 2450)**

The Distributor is to provide AEMO with information to request the change of the meter read frequency of a NMI.

This will be as a CSV structured file delivered via email. The CSV content should adhere to Participant Build Pack 1. The email subject will have the form:

NSWACTGAS\_MIRNUPGRADEDOWNGRADEREQUEST\_[SENDER]\_NAGMO\_CCYY  
MMDDHHmmSS

Example email subject:

NSWACTGAS\_MIRNUPGRADEDOWNGRADEREQUEST\_AGLGNNWO\_NAGMO\_201  
60502140909

~~AEMO The recipient is to should respond with an email acknowledgment on receipt of the request and processing of the request. The wording of the successful acknowledgment should be consistent with the following.~~

~~AEMO is to e-mail a copy of the CSV file received from Distributor to the impacted Retailer(s)~~

~~Once the request is and successfully processed, ing of the request. The wording of the successful acknowledgment should be consistent with the following is to be sent to the Distributor and the impacted Retailer(s).~~

“The request for MIRN Upgrade/Downgrade of MIRN nnnnnnnnnn has been completed and will be effective from the start of the Gas Day <Effective\_From\_Date>.”

<b>TRANSACTION</b>	<b>T2445</b>	MIRN UPGRADE REQUEST TO MARKET OPERATOR
<b>DEFINITION TABLE</b>	<b>T2450</b>	MIRN DOWNGRADE REQUEST TO MARKET OPERATOR
<b>CROSS-REFERENCE</b>		

**IN024/16 Context:**

PBP5 minor documentation change. PBP5 has a typographical error in section 6.8.1.9 ERFTEstimationResultsToNWORpt, where the delivery time is noted as 10am, which is not in compliance with the RMPs clause 8.12.2 which requires delivery by 11am. RMPs take precedence over the PBP5 so this is not a compliance matter. This minor change can be incorporated in the next NSW-ACT consultation.

**Proposed changes to section 6.8:**

TRANSACTION DEFINITION TABLE CROSS-REFERENCE	THIS INTERFACE REALISES THE FOLLOWING TRANSACTIONS FROM THE TRANSACTION DEFINITION TABLE: 2186 – ERFTEstimationResultsToNWORpt	
Trigger	+	Time <b>Daily, 10:00, 17:00 AEST</b>
Pre-conditions	N/A	
Post-conditions	ERFTRevisedEstimationResultsToNWORpt	
Transaction acknowledgment specific event codes	N/A	

**IN027/16**

**Context:**

PBP5 minor documentation change. PBP5 and PBP6 have a typographical error in section 5.5.1 Account Creation Notification, where data element 'MeterData/ Meter /ScheduledReadingDayNumber' path is not in sync with the schema path of 'MeterData/Meter/BasicMeter/ScheduledReadingDayNumber'. PBP5 and PBP6 wording needs to be updated to match the schema implementation.

**Proposed changes to section 5.5.1:**

<b>TRANSACTION:</b>		ACCOUNTCREATIONNOTIFICATION
<b>Received From:</b>		Distributor
<b>Sent To:</b>		Retailer
<b>Data Element</b>	<b>Mandatory / Optional / Not Required</b>	<b>Usage</b>
MeterData/Meter/MeterReadFrequency	○	In NSW/ACT, required if the Network is equal to "ACTEW" or "AGLGN". (separately for each associated Meter Serial Number)
MeterData/Meter/MeterPosition	○	Optional data that will be provided if available (separately for each associated Meter Serial Number)
MeterData/Meter/NumberOfDialsOnDevice	○	In NSW/ACT, required if the Network is equal to "ACTEW" or "AGLGN". (separately for each associated Meter Serial Number)
MeterData/Meter/ScheduledReadingDayNumber MeterData/Meter/BasicMeter/ScheduledReadingDayNumber	○	Not required if Network is ACTEW or AGLGN (separately for each associated Meter Serial Number)



## IN005/17 Context:

Error with Sample "An error in the "PARTICIPANT BUILD PACK 5: NSW-ACT SPECIFIC BUILD PACK", in particular in page 188, the XML Sample section of 6.7.8 IAITImbalanceTradeRequest.

As there are missing elements in the given XML Sample, GRMBS would reject such transaction when processing it.

## Proposed changes to section 6.7.8:

### XML Sample

```

<?xml version="1.0"?>
<ase:aseXML xmlns:ase="urn:aseXML:r34" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:aseXML:r34 http://www.nemmco.com.au/aseXML/schemas/r34/aseXML_r34.xsd">
<Header>
  <From description="AGL Retail PTY">AGLRET</From>
  <To description="New South Wales ACT Gas Market Operator">NAGMO</To>
  <MessageID>NAGMO-MSG-34567856</MessageID>
  <MessageDate>2014-08-14T13:20:10.100+10:00</MessageDate>
  <TransactionGroup>IAIT</TransactionGroup>
  <Priority>Medium</Priority>
  <SecurityContext>zz023</SecurityContext>
  <Market>NSWACTGAS</Market>
</Header>
<Transactions>
  <Transaction transactionID="NAGMO-TNS-12343456" transactionDate="2014-08-14T13:20:10.100+10:00">
    <ImbalanceTradeRequest version="r34">
      <ImbalanceRequestData gasDate="2017-04-02" networkID="ACTCANBERRA">
        <TradeType>B</TradeType>
        <CounterpartyParticipantID>ENGYAUSUSR</CounterpartyParticipantID>
        <NetworkID>ACTCANBERRA</NetworkID>
        <GasDate>2013-09-26</GasDate>
        <TradedImbalanceAmount>1235600</TradedImbalanceAmount>
      </ImbalanceRequestData>
    </ImbalanceTradeRequest>
  </Transaction>
</Transactions>
</ase:aseXML>

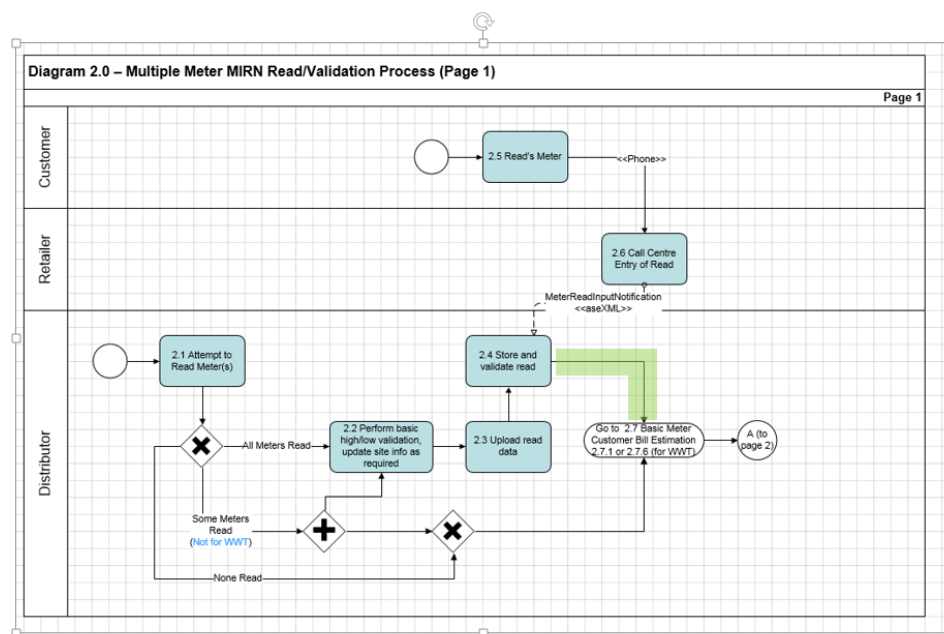
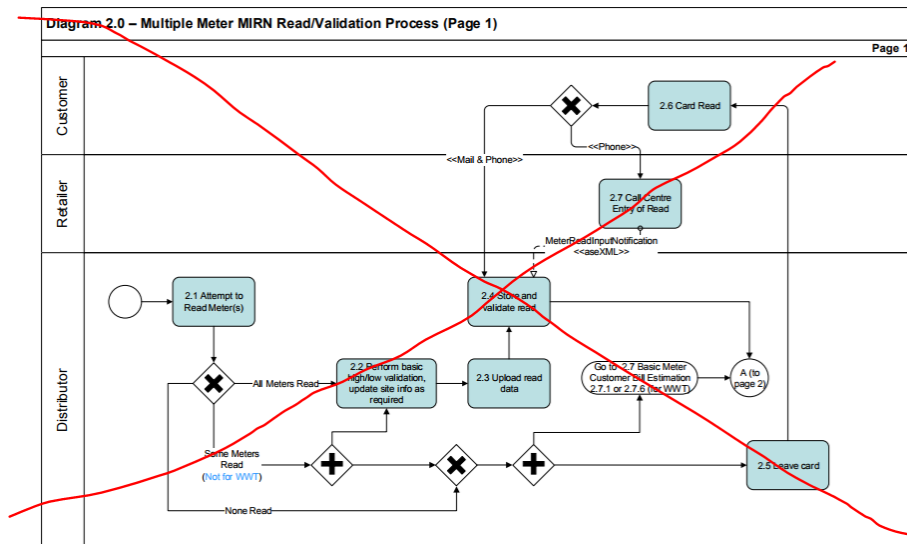
```

**IN012/16 Context:**

NSW-ACT process clarification item - Customer own read card process. Jemena advised in late Feb 2016 that they are ceasing their customer self read card process post NARGP Go live (2 May 2016). This change potentially impacts clauses 1.2.1 (Definitions), 3.1.3 (Customer provided Meter Readings), 3.5.1 (f) (General Meter Readings), 3.5.2(c) (Meter Readings on Transfer Request) and PBP5 process flows - Diagram 2.0 – Multiple Meter MIRN Read/Validation Process (Page 1). From an RMP perspective these clauses could be changed to make provision for processing of Customer-Owned Reads if the NWO provides the facility. As per discussions in the NARGP CF on 15 March no changes are required to AEMO documentation (GIP, Process flows) for NARGP go-live and Jemena would be working bilaterally with the Retailers on this issue. This item has been raised to clarify the process and to confirm whether any changes are required to AEMO documentation.

**Proposed changes to section 6.1:**

**6.1 Diagram 2.0 – Multiple Meters MITN Read / Validation Process (Page 1)**



## Attachment C

### **Extracts of proposed changes to Participant Build Pack 6 (NSW/ACT Specific Build Pack, covering Wagga Wagga and enviros, and Tamworth networks)**

Yellow shaded highlight show the proposed marked up change blue underline means add and ~~red~~ ~~strikeout~~ means delete.

#### **IN017/16 Context:**

PBP6 clarification item: Non Daily Meter Reads from DB to RBs. "The NSW-ACT PBP6 requires explicit clarification in section 5.1 (Meter Reads – Energy and Consumption (Non Daily read meters) (DB to RBs)), and should ideally say: "• Note the following CSV elements may not be provided (including placeholders) by the Distributor. Transform process to add additional header field names and data row empty fields (comma delimiters) in that case." This clarification can be included in a future release of the PBP6.

#### **Proposed changes to section 5.1:**

##### **5.1 Meter Reads – Energy and Consumption (Non Daily read meters) (DB to RBs) (Ref No 41, 9, 13, 17, 50, 53, 51, 246, 2310) |**

Note: The following CSV elements may not be provided (including placeholders) by the Distributor. Transform process to add additional header field names and data row empty fields (comma delimiters) in that case.

For NSW/ACT the following is added to section 4.1.2 (Provision of Energy Flow Data) of the B2B System Interface Definition (For the SA and WA Gas Retail Markets).

"The distributor will only provide validated meter reads of any meter read type.

"For NSW/ACT where the network is "NSWCR" or "COUNTRY", consumption data for hot water is provided within existing fields to users. Specifically:

- Consumption litres are provided in the Volume\_Flow field.

For NSW/ACT the Distributor may deliver meter reads for Non Daily read meters to Self Contracting users using the same format of the equivalent transaction to retailers. In this case the references to 'retailer' should be taken as 'user'.

For NSW/ACT the following provides transformation guidance between section

## IN027/16 Context:

PBP6 minor documentation change. PBP5 and PBP6 have a typographical error in section 5.5.1 Account Creation Notification, where data element 'MeterData/ Meter /ScheduledReadingDayNumber' path is not in sync with the schema path of 'MeterData/Meter/BasicMeter/ScheduledReadingDayNumber'. PBP5 and PBP6 wording needs to be updated to match the schema implementation.

## Proposed changes to section 5.5.1:

TRANSACTION:		ACCOUNTCREATIONNOTIFICATION	
Received From:		Distributor	
Sent To:		Retailer	
Data Element	Mandatory / Optional / Not Required (SA)	Mandatory / Optional / Not Required (NSW WW&T)	Usage
MeterData/Meter/MeterReadFrequency	NR	O	In NSW/ACT, not required if the Network is equal to "COUNTRY" or "NSWCR".
MeterData/Meter/MeterPosition	O	O	Optional data that will be provided if available. This is relocated in the structure between SA and NSW formats.
MeterData/Meter/NumberOfDevicesOnDevice	NR	O	In NSW/ACT, not required if the Network is equal to "COUNTRY" or "NSWCR".
MeterData/ Meter /ScheduledReadingDayNumber MeterData/Meter/BasicMeter/ScheduledReadingDayNumber	M	O	Required if Network is COUNTRY or NSWCR