

3 August 2018

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

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

- Retail Market Procedures (RMP) Queensland (Qld); and**
- Technical Protocol (TP) documents.**

This notice advises Gas Market Registered Participants that consultation under the ordinary Procedure change consultative process prescribed under Rule 135EE of the **NGR** concluded on 9 July 2018 for:

- IN013/17 (Qld Unaccounted for gas (UAFG) arrangements for where the Distribution UAFG provider is a Non-Host Retailer)**

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

Attachment A of this notice sets out the consolidated feedback relating to the RMP (Qld) and TP documents that AEMO received during this consultation phase. The consolidated feedback includes stakeholder comments, AEMO responses and, based on those responses, an indication of where the feedback resulted in further amendment to the documents mentioned above. None of the participant responses opposed the broad principle of this proposal.

Having considered this proposal and the issues raised in the consultation, AEMO has decided to amend the RMP (Qld) and TP documents in the forms published in this notice (See Attachments B and C). The effective date for these amendments is **1 September 2018**.

Updated versions pertaining to the changes described in Attachments B and C will be published on the AEMO website prior to the effective date.

The UAFG estimation methodology described in Attachment D will be published on the Distributors website prior to the effective date.

Should you require any further information please contact Danny McGowan on (03) 9609 8447.

**ATTACHMENT A – SUBMISSIONS RECEIVED FOR CHANGE**

<b>SUBMISSIONS RELATING TO THE IIR 8 JUNE 2018 TO 9 JULY 2018</b>				
<b>General Comments on the IIR</b>				
<b>Sections 1 to 4 of the IIR sets out AEMOs critical examination of the proposal. Does your organisation supports AEMO's examination of the proposal?</b>				
<b>Date</b>	<b>Participant</b>	<b>Issue / Comment</b>		<b>AEMO Comment</b>
2 July 2018	AGL	Yes		AEMO acknowledges AGL's support
9 July 2018	Origin	Yes		AEMO acknowledges OE's support
9 July 2018	APA	APA on behalf of AGN and Allgas supports AEMO's examination of the proposal		AEMO acknowledges AGN and Allgas.
<b>Sections 5 to 9 of the IIR sets out AEMO's assessment of likely effect of proposal. Does your organisation supports AEMO's assessment of likely effect of proposal.?</b>				
<b>Date</b>	<b>Participant</b>	<b>Issue / Comment</b>		<b>AEMO Comment</b>
2 July 2018	AGL	Yes		AEMO acknowledges AGL's support
9 July 2018	Origin Energy	OE: Yes		AEMO acknowledges OE's support
9 July 2018	APA	APA on behalf of AGN and Allgas supports AEMO's assessment		AEMO acknowledges of AGN and Allgas
<b>Section 10 of the IIR set out AEMOs recommendation. Does your organisation supports AEMO position to recommend the procedures changes?</b>				
<b>Date</b>	<b>Participant</b>	<b>Issue / Comment</b>		<b>AEMO Comment</b>
2 July 2018	AGL	Yes		AEMO acknowledges AGL's support

SUBMISSIONS RELATING TO THE IIR 8 JUNE 2018 TO 9 JULY 2018					
	9 July 2018	Origin Energy	OE: Yes, please observe changes required to RMP references as provided below.		AEMO acknowledges OE's support
	9 July 2018	APA	APA on behalf of AGN and Allgas supports the procedure changes, however please note the suggested minor additions to Appendix A (Table of Transactions) in PBP4.		AEMO acknowledges APA's support
Specific comments regarding RMPs and GIP/SP					
#	Date	Participant	Issue / Comment		AEMO Comment
1	9 July 2018	Origin Energy	Additions to definitions, should be 1.1.1 not 1.1.2		AEMO agree, reference changed
2	2 July 2018	AGL	<u>Clause 11.1</u> AGL queries the 30 business day obligation to notify AEMO		AEMO believe this timeframe is an appropriate timeframe for the distributor to notify us, this timeframe has not been queried or disputed by the distributor effected by this change. No change to the timeframe.
3	2 July 2018	AGL	<u>Clause 11.2</u> AGL queries the 20 business day obligation to register the MIRN The key timeframe in this section of the procedures is the time necessary to register the MIRNS and advise the UAFG provider		AEMO believe this timeframe is required to ensure that the MIRN is set up correctly and ready for use prior to the first allocation of UAFG. No change to the timeframe.
4	9 July 2018	Origin Energy	Allocated UAFG definition. Refers to as described as in clause 11.2.2. 11.2 refers to registration not allocation. Reference it to 11.5		AEMO agree, reference changed
5	9 July 2018	Origin Energy	UAFG MIRN definition. Refers to clause 11.2.1. should be 11.2		AEMO agree, reference changed
6	2 July 2018	AGL	<u>Clause 11.3</u> AGL queries the need to register the reconciliation MIRNS prior to UAFG being delivered.		AEMO notes AGL concerns, but believes that delaying establishment of reconciliation MIRNS will increase risks and increase

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			<p>The reconciliation MIRNS need to be created in sufficient time for reconciliation to occur, not necessarily UAFG to be delivered</p> <p>There seems no point in establishing and paying for MIRNS until they are needed.</p>		<p>costs by amounts greater than the savings in fees.</p> <p>Establishing the reconciliation MIRNS at the start eliminates the risk that they are not created at a later stage, leading to additional cost to make database updates under change management.</p> <p>Further, once established they would remain in the meter register and attract FRC fees.</p> <p>With annual fees totalling \$7.65 per meter, this does not seem material (based on 2018/19 fees for Queensland).</p> <p>From AEMO's perspective, splitting the meter establishment tasks will decrease efficiency and increase costs – even 15 minutes extra processing time will outweigh the \$7.65 pa cost saving.</p>
7	2 July 2018	AGL	<p><u>Clause 11.4/Att C</u></p> <p>CI 11.4 (a) requires the DB to publish the UAFG methodology on their website.</p>	<p>As a result, cl 11.4(a) should be amended, this attachment should be deleted from the RMPs, or the</p>	<p>AEMO agree, amended heading of Att C</p>

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				attachment heading modified to reflect the obligation of 11.4.	
8	9 July 2018	Origin Energy	UAFG estimation methodology referred in clause 11.4 (not 11.3)		AEMO agree, reference changed
9	9 July 2018	Origin Energy	CTM injection report. Refers to clause 11.5.1 and 11.5.2 (a) (ii). These clauses should reference 11.6.1		AEMO agree, reference changed
10	2 July 2018	AGL	<p><u>Clause 11.6.2</u> The process requires agreement of data with 40 b/days and a requirement to resolve any disagreement. However, it is not clear what the process is if the data cannot be agreed between all users and the DB. Does the DB position stand ? Will AEMO mediate ? Regardless, we need a mechanism to move forward</p>		<p>AEMO agree and a new clause has been added to 11.6.2.</p> <p>(e) If agreement has not been reached within the time period referred to in clause 11.6.2 (b) then the Distributors data will be deemed as the correct consumption data.</p> <p>23/7/2018 After meeting with OE, AGL &amp; APA this clause has been updated to:</p> <p>(b) All parties must work in good faith to agree to the data.</p> <p>(c) The data referred to in clause 11.6.2 (a) (i) and (ii), must be:</p> <p>(i) agreed between <i>Distributors</i> and <i>Users</i> within 40 business days from the day on which the data was sent by the <i>Distributor</i>.</p>

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- (ii) If agreement has not, or cannot be reached within the time period referred to in clause 11.6.2 (c) (i) then the parties can agree to an extension date that is not more than 120 business days after the data was sent by the *Distributor*.
- (d) If agreement has not been reached within the time period referred to in clause 11.6.2 (c), the *Distributors* data will be deemed as the correct consumption data.
- (e) When the *Distributor* receives agreement from all *Users*, *Distributors* must provide *AEMO* the agreed consumption data within 10 *business days* after the time period referred to in clause 11.6.2 (c) has elapsed.

**SUBMISSIONS RELATING TO THE IIR 8 JUNE 2018 TO 9 JULY 2018**

11	2 July 2018	AGL	<p><u>Att C</u>                      The clause cross references 11.3, which is 11.3 Registration of the UAFG reconciliation MIRN.</p>	Change reference to CI 11.4	AEMO agree, reference changed
12	2 July 2018	AEMO	<p>Minor miscellaneous changes:</p> <ol style="list-style-type: none"> <li>1. Add an effective date and versioning number to the Distributors UAFG estimation methodology.</li> <li>2. Italicise the following:                             <ul style="list-style-type: none"> <li>- the word “UAFG” in the definition reconciliation quantity;</li> <li>- the word “FRO” in the definition UAFG MIRN;</li> <li>- the word “UAFG” in clause 11.2 (a);</li> <li>- the word “UAFG” in clause 11.6.4 (e) (i) and (ii);</li> <li>- the word “Procedure” in clause 11.6.4 (f) (ii)</li> </ul> </li> </ol>		AEMO agrees this change.

## ATTACHMENT B

### Proposed changes: Retail Market Procedures – Qld

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#### 1.1.1 Definitions

<u>adjustment period</u>	<u>Period agreed between the <i>Distributor</i> and <i>Users</i> for adjusted energy and or delivery.</u>
<u>allocated UAFG</u>	<u>Means the <i>UAFG</i> estimated by the <i>Distributor</i> that is sent to <i>AEMO</i> as described in clause 11.5.</u>
<u>reconciliation MIRN</u>	<u>Means the <i>MIRN</i> that the <i>Distributor</i> registers with <i>AEMO</i> to cater for reconciliation adjusted gas delivery for both the <i>UAFG provider</i> and <i>host retailer</i>.</u>
<u>reconciliation quantity</u>	<u>The amount of gigajoules for each <i>withdrawal zone</i> and <i>distribution region</i> provided to <i>Users</i> to enable them to determine whether <i>UAFG</i> is in surplus or shortfall.</u>
<u>Total Consumption</u>	<u>All <i>meter readings</i> for all <i>basic meters</i> and <i>interval meters</i> during the <i>UAFG year</i>. This includes <i>UAFG</i>.</u>
<u>Total Injection</u>	<u>Consumed energy from <i>custody transfer meters</i>.</u>
<u>UAFG</u>	<u>See definition for <i>unaccounted for gas</i></u>
<u>UAFG estimation methodology</u>	<u>Means the methodology referred to in clause 11.4</u>
<u>UAFG MIRN</u>	<u>Means the <i>MIRN</i> that the <i>Distributor</i> registers with <i>AEMO</i> with <i>FRO</i> as the <i>UAFG provider</i> for the relevant <i>distribution area</i> as described in clause 11.2 for the purpose of allocating a <i>UAFG</i> value.</u>
<u>UAFG provider</u>	<u>Means the <i>retailer</i> who provides <i>UAFG</i> in a <i>distribution area</i> for a <i>UAFG year</i>.</u>
<u>UAFG year</u>	<u>Means a period for <i>UAFG</i> reconciliation commencing at the start of <i>gas day 1 July</i> in any year and concluding at the end of a <i>gas day 30 June</i> for the following year.</u>
<u>Unaccounted for gas</u>	<u>is the difference between the amount of gas injected into the <i>distribution system</i> at all <i>custody transfer meters</i> and</u> <u>the amount of gas withdrawn from the <i>distribution system</i> at all <i>distribution supply points</i>, including but not limited to leakage or other actual losses, discrepancies due to metering inaccuracies and variations of temperature, pressure and other parameters.</u>



## **CHAPTER 11      DISTRIBUTION UNACCOUNTED FOR GAS**

### **11.1 General**

- (a) The *Distributor* must notify *AEMO* within 30 *business days* of appointing a *UAFG provider*.

### **11.2 Registration of the UAFG provider MIRN**

- (a) No later than 20 *business days* prior to the *UAFG provider* commencing deliveries of *UAFG* the relevant *Distributor* must register with *AEMO* one *interval meter MIRNs* for each *withdrawal zone* and *distribution region* for which the *UAFG provider* has been appointed.
- (b) The registration of the *UAFG MIRN* referred to in clause 11.2 (a) must follow the process for the new *interval meter* referred to in clause 5.2.3 (b).

### **11.3 Registration of the UAFG reconciliation MIRN**

- (a) No later than 20 *business days* prior to the *UAFG provider* commencing deliveries of *UAFG* the relevant *Distributor* must register with *AEMO* the required number of *interval meter MIRNs* for each *withdrawal zone* and *distribution region*. One *reconciliation MIRN* must have the *host retailer* as the *FRO*, the other *reconciliation MIRN* must have the *UAFG provider* as the *FRO* if the *UAFG provider* is not the *host retailer*.
- (b) The registration of the *UAFG registration MIRN* referred to in clause 11.5 (a) must follow the process for a new *interval meter* referred to in clause 5.2.3 (b).

### **11.4 UAFG estimation methodology**

- (a) The *Distributor* must publish its *UAFG estimation methodology* on its website.
- (b) The *Distributor* will use reasonable endeavours to ensure the *UAFG estimation methodology* results in the annual *reconciliation quantity* tending towards zero.
- (c) The *Distributor* prior to implementing changes to the published *UAFG estimation methodology* must
  - (i) provide *Users* and *AEMO* with the proposed change to the *UAFG estimation methodology*; and
  - (ii) allow a reasonable time to receive *Users* and *AEMO* responses to the proposed changes to the *UAFG estimation methodology*.

## 11.5 Provision of estimated consumed energy for the UAFG MIRN

- (a) For each gas day the Distributor must apply the UAFG estimation methodology to calculate the estimated daily UAFG for each withdrawal zone and distribution region.
- (b) The Distributor must communicate the estimated UAFG for each withdrawal zone and distribution region for each day to the UAFG provider in the agreed time and format.
- (c) At the end of each gas day the Distributor must allocate the daily UAFG amount for each withdrawal zone and distribution region to the associated UAFG MIRN which has been agreed with the UAFG provider.
- (d) The Distributor must provide the daily estimated UAFG for the UAFG MIRN with the energy data for the interval meters in accordance with the delivery timeframes set out clause 5.5.
- (e) AEMO must use the data in clause 11.5 (b) for settlement purposes.

## 11.6 Annual adjustment of allocated UAFG

### 11.6.1 AEMO to provide annual injection data

Within 10 business days of issuing the nine calendar month revision for June of the UAFG year, AEMO will provide the consumed energy for custody transfer meters for the UAFG year to the Distributors.

### 11.6.2 Distributor, UAFG Provider and User to agree data

- (a) Within 60 business days of having received the data referred to in clause 11.6.1 each Distributor must for each withdrawal zone and distribution region:
  - (i) provide each User with all meter readings for all basic meters and interval meters during the UAFG year for which the User was the FRO during the UAFG year
  - (ii) where the meter readings for basic meters in clause 11.8.2(a)(i) span two UAFG years, the Distributor must allocate the meter reading between the two UAFG years in proportion to the applicable NSL; and
  - (iii) send the data referred to in clause 11.6.1 and 11.8.2 (a) (i) to Users.
- (b) All parties must work in good faith to agree the data.
- (c) The data referred to in clause 11.6.2 (a) (i) and (iii), must be:
  - (i) agreed between Distributors and Users within 40 business days from the day on which the data was sent by the Distributor.

- (ii) If agreement has not, or cannot be reached within the time period referred to in clause 11.6.2 (c) (i) the parties can agree to an extension date that is not more than 120 business days after the data was sent by the Distributor.
- (d) If agreement has not been reached within the time period referred to in clause 11.6.2 (c), the Distributor data will be deemed as the correct consumption data.
- (e) The Distributor must provide AEMO the agreed consumption data within 10 business day of either:
  - (i) the Distributor and Users agreeing to the data; or
  - (ii) the date specified in clause 11.6.2 (c) being passed without agreement being reached on consumption data.

### **11.6.3 AEMO to determine reconciliation quantity.**

- (a) Within 25 business days after receiving the data referred to in clause 11.6.2 (d), AEMO must calculate the annual reconciliation quantity for each withdrawal zone and distribution region in accordance with this clause based on the data provided by Distributors.
- (b) AEMO will apply the following formula to calculate the reconciliation quantity.

$$\text{Reconciliation quantity} = \text{Total Injection} - \text{Total consumption}$$
- (c) Within 10 business days after calculating the annual reconciliation quantity under clause 11.6.3 (b) which will include an indicator to signify whether the annual reconciliation quantity is in surplus or shortfall, AEMO must provide the reconciliation quantity, to the Distributor, UAFG provider and the host retailer.

### **11.6.4 Users reconciliation**

- (a) Within 20 business days of having received the annual reconciliation quantity under clause 11.6.3 (c), the UAFG provider and the host retailer must agree on the UAFG adjusted gas deliveries and timeline to resolve their respective surplus or shortfall position for each withdrawal zone and distribution region.
- (b) Within 10 business days after agreeing to the UAFG adjusted gas deliveries and timeline referred to in clause 11.6.4 (a), the UAFG provider must provide the Distributor the agreed UAFG adjusted gas deliveries and timeline for each withdrawal zone and distribution region.
- (c) Daily reconciliation quantities must commence from the first day of the next month that is, at least 10 business days after the date the total reconciliation quantity is agreed, unless otherwise agreed by the Distributor, host retailer and UAFG provider.

- (d) The daily reconciliation quantity will be limited to 500GJ per day plus one day at less than 500GJ to ensure the entire annual reconciliation quantity is recovered.
- (e) The Distributor provides the daily reconciliation quantity as energy values to the relevant reconciliation MIRN.

  - (iii) If the daily reconciliation quantity was positive (surplus) the agreed daily reconciliation quantity is sent to the UAFG provider reconciliation MIRN as a positive value (host retailer provided some of the UAFG as the estimate was too low)
  - (iv) If the daily reconciliation quantity was negative (shortfall) the agreed daily reconciliation quantity is sent to the host retailer reconciliation MIRN as a positive value (UAFG provider gave too much UAFG as the estimate was too high)
  - (v) Otherwise the daily reconciliation quantity is zero
- (f) For the avoidance of doubt:

  - (i) The responsibilities of the UAFG provider extend until the last gas day for which a daily reconciliation quantity is required for the period they were the UAFG provider.
  - (ii) The changes apply to all UAFG years that end after the effective date of the Procedure (i.e. will include UAFG year 2018/2019)

## ATTACHMENT C

### Proposed changes: Technical Protocol

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#### Participant Build Pack 4.

#### 5.13 Distribution Unaccounted for gas UAFG

This section details the transactions to be used for the UAFG process described in the chapter 11 of the Queensland Retail Market Procedures (RMP).

##### 5.13.1 CTM injection report (T600)

This section describes the transactions by which:

(i) AEMO provides consumed energy for custody transfer meter's to the Distributor under clause 11.6.1 of the RMP;

(ii) The distributor provides the consumed energy for custody transfer meter's to the usages under clause 11.6.2 (a) of the RMP.

<u>Transaction Definition</u> <u>Table cross-reference</u>	600 CTM Injection Report
<u>Trigger</u>	10 business days of issuing the nine calendar month revision for June of the UAFG year
<u>Pre-conditions</u>	None
<u>Post-conditions</u>	None
<u>Transaction acknowledgment</u> <u>specific event codes</u>	None

The following data elements are to be supplied with the transactions:

<u>Transaction:</u>	600 CTM Injection Report
<u>Received From:</u>	AEMO
<u>Sent To:</u>	Distributor

<u>Data Element</u>	<u>Mandatory/Optional/Not Required</u>	<u>Usage</u>
<u>uafg_year</u>	<u>M</u>	<u>YYYY_YY</u> <u>Current UAFG year</u> <u>2018_19</u> <u>2019_20</u>
<u>State</u>	<u>M</u>	<u>QLD</u>

<u>Data Element</u>	<u>Mandatory/Optional/Not Required</u>	<u>Usage</u>
<u>statement_version_id</u>	M	<u>Monthly statement version used for ini_gj</u>
<u>version_from_date</u>	M	
<u>version_to-date</u>	M	
<u>Inj_gj</u>	M	<u>Aggregated Injections by Distributor by Withdrawal Zone for UAFG Year (positive)</u>
<u>Distributor_id</u>	M	
<u>Distributor_name</u>	M	
<u>Wd_zone_id</u>	M	
<u>Wd_zone_name</u>	M	
<u>created_date</u>	M	

### 5.13.2 **Meter readings for basic meters (T605)**

This section describes the transactions by which the distributor is to provide the meter readings to users.

<u>Transaction Definition</u>	<u>605 Meter readings for basic meters</u>
<u>Table cross-reference</u>	
<u>Trigger</u>	<u>Receipt of the T600 CTM Injection Report</u>
<u>Pre-conditions</u>	<u>None</u>
<u>Post-conditions</u>	<u>None</u>
<u>Transaction acknowledgment specific event codes</u>	<u>None</u>

The following data elements are to be supplied with the transactions:

<u>Transaction:</u>	<u>605 Meter readings for basic meters</u>
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<u>Received From:</u>	<u>Distributor</u>
<u>Sent To:</u>	<u>Retailer</u>

<u>Data Element</u>	<u>Mandatory/ Optional/Not Required</u>	<u>Usage</u>
<u>MIRN</u>	<u>M</u>	
<u>Invoice_Number</u>	<u>M</u>	
<u>Transaction_Id</u>	<u>M</u>	
<u>Transaction_Date</u>	<u>M</u>	
<u>Adjustment_Indicator</u>	<u>M</u>	<u>C = Cancelled transaction</u> <u>R = Rebilled transaction</u> <u>N = New transaction</u>
<u>Period</u>	<u>M</u>	
<u>Billing_Days</u>	<u>M</u>	
<u>Type_of_Read</u>	<u>M</u>	<u>A = Actual</u> <u>E = Estimated</u> <u>S = Substituted</u> <u>C = Customer own read</u>
<u>Consumption_MJ</u>	<u>M</u>	
<u>Current_Read_Date</u>	<u>M</u>	
<u>Previous_Read_Date</u>	<u>M</u>	
<u>Distributor_ID</u>	<u>M</u>	
<u>Network_Tariff_Code</u>	<u>M</u>	
<u>Current_NSL_Split</u>	<u>O</u>	

### 5.13.3 Queries on data issues (T610)

This section describes the transactions by which the Users submit queries if they find any issues in the consumption data provided by Distributors.

<u>Transaction Definition</u>	<u>610 Queries on data issues</u>
<u>Table cross-reference</u>	
<u>Trigger</u>	<u>Receipt meter readings for UAFG year</u>
<u>Pre-conditions</u>	<u>None</u>
<u>Post-conditions</u>	<u>None</u>
<u>Transaction acknowledgment specific event codes</u>	<u>None</u>

The following data elements are to be supplied with the transactions:

<u>Transaction:</u>	<u>610 Queries on data issues</u>
<u>Received From:</u>	<u>Retailer</u>
<u>Sent To:</u>	<u>Distributor</u>

<u>Data Element</u>	<u>Mandatory/Optional/Not Required</u>	<u>Usage</u>
<u>MIRN</u>	<u>M</u>	
<u>Invoice Number</u>	<u>M</u>	
<u>Transaction_ID</u>	<u>M</u>	
<u>Transaction_Date</u>	<u>M</u>	
<u>Adjustment_Indicator</u>	<u>M</u>	
<u>Period</u>	<u>M</u>	
<u>Billing_Days</u>	<u>M</u>	
<u>Type_of_Read</u>	<u>M</u>	
<u>Consumption_MJ</u>	<u>M</u>	
<u>Current_Read_Date</u>	<u>M</u>	
<u>Previous_Read_Date</u>	<u>M</u>	



<u>Data Element</u>	<u>Mandatory/Optional/Not Required</u>	<u>Usage</u>
<u>Distributor_ID</u>	<u>M</u>	
<u>Network_Tariff_Code</u>	<u>M</u>	
<u>Current_NSL_Split</u>	<u>O</u>	
<u>Comments</u>	<u>M</u>	<u>User Comments on Data issues</u>

#### 5.13.4 **Reconciliation quantity (T615)**

This section describes the transactions by which AEMO will provide the data to the distributor, UAFG Provider and the host retailer.

<u>Transaction Definition</u>	<u>615 Reconciliation quantity</u>
<u>Table cross-reference</u>	
<u>Trigger</u>	<u>Receipt of the agreed consumption data</u>
<u>Pre-conditions</u>	<u>None</u>
<u>Post-conditions</u>	<u>None</u>
<u>Transaction acknowledgment specific event codes</u>	<u>None</u>

The following data elements are to be supplied with the transactions:

<u>Transaction:</u>	<u>615 Reconciliation quantity</u>
<u>Received From:</u>	<u>AEMO</u>
<u>Sent To:</u>	<u>Distributor/HostRetailer/UAFG Provider</u>

<u>Column Name</u>	<u>Mandatory/Optional</u>	<u>Comment</u>
<u>UAFG_Year</u>	<u>M</u>	<u>YYYY_YY</u> <u>Current UAFG year</u> <u>2018_19</u> <u>2019_20</u>
<u>consumption</u>	<u>M</u>	<u>GJ</u>
<u>Distributor_id</u>	<u>M</u>	

<u>Column Name</u>	<u>Mandatory/ Optional</u>	<u>Comment</u>
<u>Distributor_name</u>	<u>M</u>	
<u>Wd_zone_id</u>	<u>M</u>	
<u>Wd_zone_name</u>	<u>M</u>	

800	Interval	GIP		11.5.1		CTM Injection Report	10 business days of issuing the nine calendar month revision for June of the UAF G year	AEMO	Distributor	Provides consumed energy for customer transfer meters to the Distributor	M2B	Email	UAF year, State statement, x, BTMID, ID, version, fro, to, state, version, to, date, ID, ID, Distributor, ID, Distributor, name, WZ, zone, ID, WZ, zone, name, created, del, e	N/A	
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805	Basic	GIP		11.5.2 (a)(i)		Meter readings for basic meters	Receipt of the T600 CTM Injection Report	Distributor	Users	Provides basic meter data to users	B2B	Email	MIRN, Invoice, Nu, mber, Transaction, ID, Transaction, Date, Adjustment, Indicator, Period, Billing, Days, Type, of, Read, Consumed, kWh, Current, Read, Date, Previous, Read, Date, Distributor, ID, Network, Tariff, Code, Current, MS, Split	N/A	
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§10	Both	GIP		11.5.2 (c)			Queries on data issues	Receipt of meter readings for UAF G year	User	Distributor	Queries provided meter data	B2B	Email	MIRN Invoice Number Transaction ID Transaction Date Adjustment Indicator Period Billing Days Type of Read Consumption Current Read Date Previous Read Date Distributor ID Network Tariff Code	N/A		
§15	Both	GIP		11.5.3			Reconciliation quantity	Receipt of the agreed consumption data	AEMO	Distributor/Users	Provides reconciliation quantity and advises whether it is in surplus or shortfall.	B2B	Email	UAFG Year consumption Distributor ID Distributor name Wid zone id Wid zone name			

## Gas interface Protocol (GIP) (QLD)

### Gas Interface Protocol artefacts to take effect as of ~~29 September~~ 1 September 20178.

GIP Item #	Category	Documents	Version
1	Retail Market Procedures (Queensland)	Queensland Retail Market Procedures	<del>14.5</del> .0
2	Participants Build Pack 4	The Queensland Specific Participant Build Pack 4	<del>10.1</del> .0
3	Deleted		
4	Participant Build Pack 1	AEMO Process Flow Table of Transactions This contains: - Table of Transactions, Table of Elements, List of Job Enquiry Codes, Address Elements and MIRN and Meter states.	3.5
5	Participant Build Pack 1	Process Flow Diagrams	3.6
6	Participant Build Pack 1	CSV Data Format Specification	3.4
7	Participant Build Pack 2	Participant Build Pack 2 Interface Definitions	3.5
8	Participant Build Pack 2	Participant Build Pack 2 Usage Guide	3.1
9	Participant Build Pack 2	Participant Build Pack 2 Glossary	3.1
10	Participant Build Pack 3	FRC B2B System Specification	3.1
11	Participant Build Pack 3	FRC B2B System Architecture	3.2
12	Participant Build Pack 3	Interface Definitions	3.6
13	Guidelines for Development of A Standard for Energy Transactions in XML (aseXML)	The Guidelines for Development of A Standard for Energy Transactions in XML (aseXML) which participants have subscribed to for Victorian Gas is available from <a href="http://www.aemo.com.au/asexml/">http://www.aemo.com.au/asexml/</a>	4.1
14	AseXML Schemas	The complete set of aseXML schemas and examples which participants have subscribed to for Victorian Gas is available from <a href="http://www.aemo.com.au/asexml/">http://www.aemo.com.au/asexml/</a>	R29

**ATTACHMENT D**  
**UAFG Estimation Methodology**

Version: 1.0

Effective date: 1 September 2018

The UAFG estimation methodology referred to in RMP clause 11.4 must be published on the distributors website.

The estimation of daily UAFG for allocation to the *UAFG MIRN* for each *withdrawal zone* and *distribution region* is calculated by the *Distributor* and advised to the *UAFG provider* prior to the commencement of each month.

The estimation of daily UAFG for allocation to the *UAFG MIRN* for each *withdrawal zone* and *distribution region* is based on the Moving Annual Total (MAT) UAFG for the previous 12 months, divided by 365 and applied evenly over each day of the following month.