

QLD-OP-002

QUEENSLAND GAS RETAIL MARKET

PROCEDURE TO VALIDATE AGGREGATED  
INJECTIONS RECEIVED FROM RETAILERS

PREPARED BY: Gas Metering and Settlements

DOCUMENT REF: 213941

PREPARED FOR: Gas Metering and Settlements

VERSION: 4

EFFECTIVE DATE: 21 March 2011

FINAL

## Important Disclaimer

This document is made available to you on the following basis:

- a. **Purpose** - This document is provided to you for information purposes only. You are not permitted to commercialise it or any information contained in it.
- b. **Reliance** - This document may be subsequently amended. Any reliance on this document is at your own risk.
- c. **Intellectual Property** - AEMO Limited is the owner of the copyright in this document. All rights are reserved. All material is subject to copyright under the Copyright Act 1968 (Commonwealth) and permission to copy it, or any parts of it, must be obtained in writing from AEMO. AEMO is the owner of all other intellectual property rights in this document and the information contained in it. You must not in any way, or by any means, store, reproduce or modify it without AEMO's express written consent.
- d. **No Warranty** - Neither AEMO, nor any of AEMO's advisers, consultants or other contributors to this document (or their respective associated companies, businesses, partners, directors, officers or employees) make any representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of this document, or the information contained in it.
- e. **No Liability** - To the maximum extent permitted by law, neither AEMO, nor any of its advisers, consultants or other contributors to this document (or their respective associated companies, businesses, partners, directors, officers or employees) shall have any liability (whether arising from negligence or otherwise) in respect of your use of the information (including any reliance on its currency, accuracy, reliability or completeness) contained in this document.

© [2009] - AEMO Limited is the owner of the copyright in this document. All Rights reserved

## Version Release History

Version	Date	By	Changes
0.1	15 June 2007	R Shaw	Initial Version
0.2	18 June 2007	R Shaw	After GRMO internal review
1.0	27 June 2007	D McGowan	After QLD IRG review
1.1	February 2009	D McGowan	After QLD Balancing Review recommendations
2.0	June 2009	Lothar Doerre	Version 2 issued
3.0	24 April 2010	Cheryl Dickson	Version 3 rebranded
4.0	21 March 2011	M Jeppesen	Minor corrections to definitions

## Contents

<b>1</b>	<b>INTRODUCTION</b> .....	<b>5</b>
<b>2</b>	<b>SCOPE</b> .....	<b>5</b>
<b>3</b>	<b>REFERENCES</b> .....	<b>5</b>
<b>4</b>	<b>DEFINITIONS</b> .....	<b>5</b>
<b>5</b>	<b>PROCEDURE</b> .....	<b>6</b>
<b>6</b>	<b>CHANGES TO THIS PROCEDURE</b> .....	<b>6</b>
	<b>ATTACHMENT 1</b> .....	<b>8</b>

## 1 INTRODUCTION

The Retail Market Procedures (Queensland) requires that each *Retailer* must procure that gas can be injected on their behalf to all *Distributor Regions* in which they have customers, and must provide the *aggregated injections* into each *Distribution Region* and *withdrawal zone* to AEMO.

The Retail Market Procedures (Queensland) also require that AEMO must establish a Procedure to validate that the total of the *aggregated injections* received from each *Retailer* matches the total of the energy measured at *custody transfer meters*.

## 2 SCOPE

This Procedure covers the validation that the *aggregated injections* provided by each *Retailer* matches the energy measured at the *custody transfer meters* for each *withdrawal zone* in each *Distribution Region* and sets out the action to be taken if it does not.

## 3 REFERENCES

Retail Market Procedures (Queensland).

## 4 DEFINITIONS

All words defined in the Retail Market Procedures (Queensland) have the meaning set out there and are shown in *italics*. All words defined in this document are set out below and are shown in ***bold italics***.

Item	Definition
<b><i>scaling factor</i></b>	The <b><i>scaling factor</i></b> for a <i>gas day</i> , <i>distribution region</i> and <i>withdrawal zone</i> is the aggregate of energy from all <i>custody transfer meters</i> (as supplied by <i>Distributors</i> ) for that <i>gas day</i> , <i>distribution region</i> and <i>withdrawal zone</i> divided by the sum of all <i>Aggregated Injections</i> (as supplied by <i>Retailers</i> ) for that <i>gas day</i> , <i>distribution region</i> and <i>withdrawal zone</i> .
<b><i>allowable range</i></b>	Allowable range for the <b><i>scaling factor</i></b> is $0.999 < SF < 1.001$
<b><i>Adjusted Aggregated Injections</i></b>	Where required, the <b><i>adjusted aggregated injections</i></b> for a <i>Retailer</i> , <i>gas day</i> , <i>Distribution Region</i> and <i>withdrawal zone</i> are calculated as the product of the <i>aggregated injection</i> (for that <i>Retailer</i> , <i>gas day</i> , <i>Distribution Region</i> and <i>withdrawal zone</i> ) and <b><i>scaling factor</i></b> (for that <i>gas day</i> , <i>Distribution Region</i> and <i>withdrawal zone</i> ).
<b><i>Trade</i></b>	A <b><i>trade</i></b> is an agreement between two injecting parties, registered with AEMO, to adjust their <b><i>Adjusted Aggregated Injections</i></b> values provided to AEMO such that their sum of the <b><i>Adjusted Aggregated Injections</i></b> is unchanged.

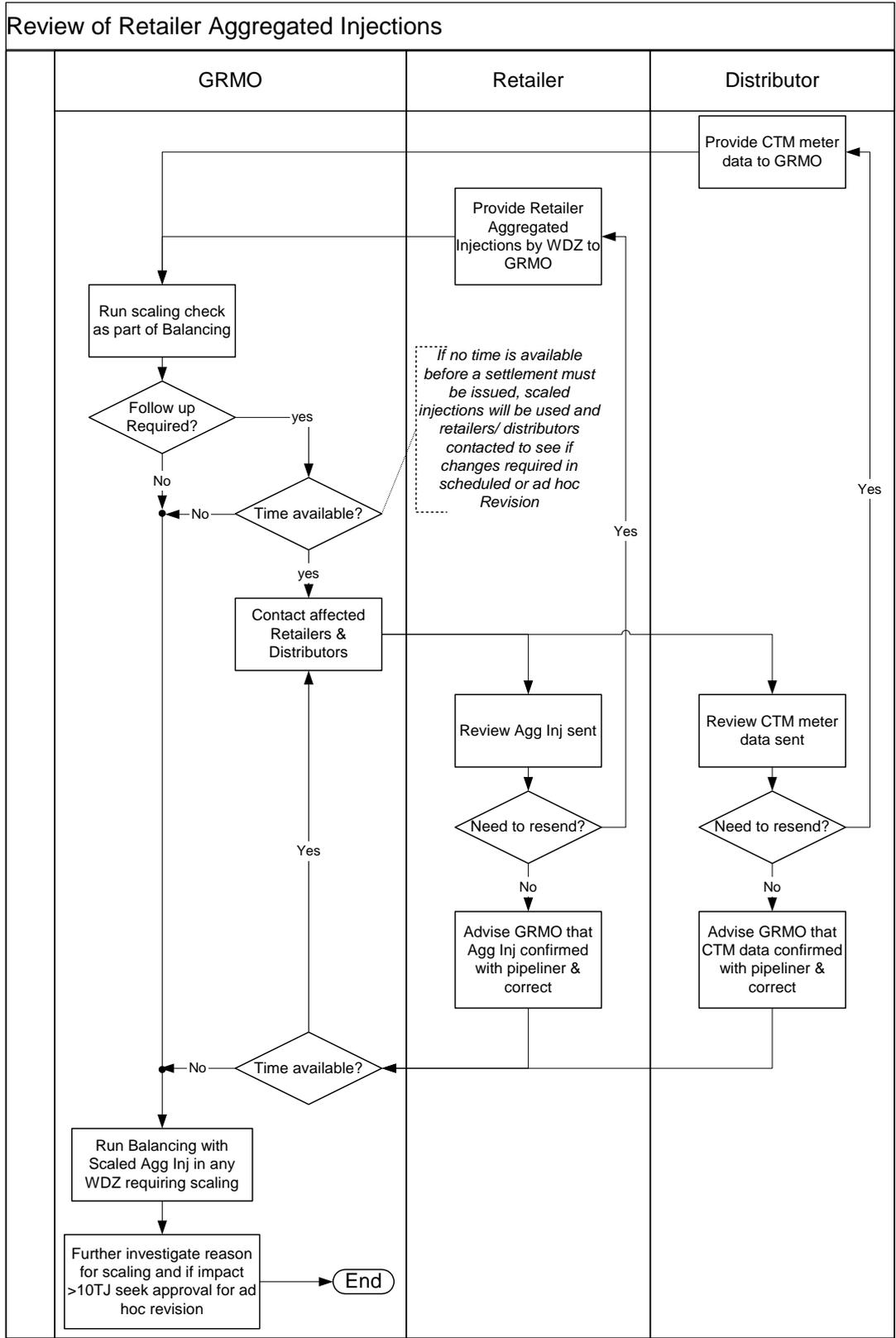
## 5 PROCEDURE

AEMO must apply the following validations and take any action as set out below whenever AEMO determines *cumulative imbalances* for *Final Statements* or *Revision Statements*:

- 5.1.1 If a *trade* between Retailers is to take place each Retailer that is a party to the *trade* must notify AEMO via e-mail (M&S\_QLD@aemo.com.au) and GRMO must register in accordance with clause 6.4.1 (d) of the Retail Market Procedures (Queensland).
- 5.1.2 Prior to determining the *trade* referred to in step 5.1.3, AEMO must register the *trade* referred to in step 5.1.1 and validate whether the *trades* are equal and opposite in values and do not alter the sum of the **Adjusted Aggregated Injections** provided by parties to the *trade*.
- 5.1.3 Where the validation of any *trade* identifies that there is not a *trade* that is equal and opposite in effect, if in AEMO's opinion, there is insufficient time to follow up with Retailers and Distributors before a settlement must be processed, AEMO must then reject the *trade* and use the Provisional or Final data file without the adjustment identified in the *trade*.
- 5.1.4 After AEMO has completed its validations of any *trade*, AEMO must determine the scaling factor for each gas day, distribution region and withdrawal zone.
- 5.1.5 If any **scaling factor** is outside the **allowable range**, AEMO must follow up with Retailers to confirm that Aggregated Injections for that gas day, distribution region and withdrawal zone are correct and with Distributors to confirm that custody transfer meter data for that gas day, distribution region and withdrawal zone are correct.
- 5.1.6 Retailers will either resend corrected data to AEMO, or will confirm to AEMO that the Aggregated Injections are correct.
- 5.1.7 Distributors will either resend corrected data to AEMO, or will confirm to AEMO that custody transfer meter data is correct.
- 5.1.8 If data is resent, AEMO must process and validate the data provided and run the settlement using the latest data provided.
- 5.1.9 AEMO accepts all **scaling factors**, but will follow up any outside the **allowable range** with Retailers and Distributors after issuing the settlement with a view to including adjustments in a future revision.
- 5.1.10 AEMO determines and stores in the metering database the **Adjusted Aggregated Injections** for each Retailer for each gas day, distribution region and withdrawal zone.
- 5.1.11 AEMO must publish the **scaling factors** determined for every settlement.
- 5.1.12 AEMO must attempt to resolve the error resulting in the use of the **scaling factor**, and if an error in either injections or custody transfer meter data is detected and a Retailer is impacted by more than 10TJ on any gas day, AEMO will seek approval from Retailers to issue an ad hoc revision before the 9 month revision.
- 5.1.13 If AEMO cannot identify the source of an error before the 9 month revision, the **scaling factor** will stand until the 9 month revision is processed.

## 6 CHANGES TO THIS PROCEDURE

Under the Retail Market Procedures (Queensland) AEMO may change this procedure after consultation with all *Retailers* and must publish the procedure at least 10 *business days* prior to the amendment coming into effect.



## Attachment 1

### Queensland Gas Retail Market Imbalance *Trade* Registration

This trade is an agreement between Queensland Injecting parties registered with AEMO, to adjust the individual participants Adjusted Aggregated Injections values provided to AEMO such that the sum of the Adjusted Aggregated Injections is unchanged.

<b>Market Participant name</b>	
<b>Market Participant ID</b> (eg; 3, 4, 42, 80)	
<b>Market Participant name</b> ( <i>trade</i> agreement with)	
<b>Market Participant ID</b> (eg; 3, 4, 42, 80)	
<b>Settlement type</b> (Final, Rev, Other)	
<b>Settlement period</b> (Month Year)	
<b>Amount <i>traded</i> for month</b> (GJ)	
<b>Original Allocation for month (GJ)</b>	
<b>Revised Allocation for Month (GJ)</b>	

<b>Responsible Person</b>	
<i>Name</i>	
<b>Contact details</b>	
<i>Phone / Mobile</i>	
<i>Email</i>	

*The Retail Market Procedures (Queensland), 6.4.1 (d) Provision of Aggregated Injections to AEMO by Retailers requires that:*

*Each Retailer that undertakes a trade must provide a registration notice of injection allocation trades detailing the value of the trades and the counter parties to the trades to AEMO by:*

1. **5:00 pm on the tenth business day** after each billing period in relation to the aggregated injections for all gas days in that billing period (i.e. Final).
2. **5:00 pm on the fifth business day** before the end of the calendar month after the end of each billing period in relation to the aggregated injections for all gas days in that billing period (i.e. Revision).