

PROPOSED PROCEDURE CHANGE (PPC) – SUMMARY SECTION
(For Proponent or AEMO to complete. Template focuses on solution identification)

Issue Number	IN004/12 plus IN012/13, IN014/13, IN016/13, IN018/13 and IN022/11		
Impacted Jurisdiction(s)	All		
Proponent	Danny McGowan	Company	AEMO
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Affected Gas Market(s) <ul style="list-style-type: none"> ▪ Retail ▪ Wholesale ▪ Bulletin Board ▪ STTM 	All Retail Market Procedures (RMP)	Date proposal sent to AEMO	13 Mar 2012
Short Title	RMP Changes (Package 2) Procedure Consolidation: Redundant Provisions and Administrative Functions		
Other key contact information	grcf@aemo.com.au		

PROPOSED PROCEDURE CHANGE (PPC) – DETAILED REPORT SECTION

<p>1. Description of change(s) and reasons for change(s)</p>	<p>AEMO is proposing to make a series of changes to the Retail Market Procedures (RMP) and supporting documents to enhance consistency between:</p> <ul style="list-style-type: none"> • Each of the jurisdictional RMPs; • The RMPs, the National Gas Law, and National Gas Rules; • Technical supporting documents (e.g. Gas Interface Protocol (GIP) and Specification Pack). <p>The first stage of these changes will be to remove redundant provisions from the RMP and introduce consistent administrative arrangements for a range of AEMO’s functions.</p> <p>AEMO’s long term aim is to enhance consistency between the regulatory frameworks for all retail gas markets. These changes are a first step towards this aim. The objective underpinning the proposed changes is to, in the first instance, simplify the RMP by removing redundant provisions and introducing consistent administrative arrangements for a number of AEMO’s functions. In addition, these changes position the industry for an evolutionary approach to harmonisation of the retail markets over the longer term.</p> <p>AEMO anticipates this process will identify areas where greater substantive consistency would be appropriate. Areas identified may become the subject of future work programs.</p> <p>Additionally, AEMO is using the removal of redundant provisions as an opportunity to make a number of minor Procedural changes. It is anticipated that these minor changes are changes to documentation only and will not have any system or business process impacts.</p>
<p>2. Reference documentation</p> <ul style="list-style-type: none"> ▪ Procedure Reference ▪ GIP/Specification Pack Reference ▪ Other Reference 	<ul style="list-style-type: none"> • Retail Market Procedures (NSW and ACT) • Retail Market Procedures (SA) • Retail Market Procedures (QLD) • Retail Market Procedures (VIC) • Gas Interface Protocol (VIC and QLD) • Specification Pack (SA)
<p>3. The high level details of the change to the existing Procedures</p> <p>This includes:</p> <ul style="list-style-type: none"> ▪ A comparison of the existing operation of the Procedures to the 	<p>AEMO proposes that the first steps to increase consistency between the different retail markets are to remove redundant provisions and introduce consistent administrative arrangements.</p> <p>A list of provisions potentially identified as redundant and the introduction of consistent administrative arrangement is included in Attachment A. AEMO has identified the following classes of potentially redundant provisions:</p>

<p>proposed change to the operation of the Procedures.</p> <ul style="list-style-type: none"> ▪ A marked up version of the Procedure change (see Attachment A). 	<ol style="list-style-type: none"> 1. Provisions with no continuing operation, e.g. spent transitional provisions 2. Unnecessary defined terms, these come in several varieties including: <ol style="list-style-type: none"> a. terms that are not used; b. defined terms that adds nothing to the ordinary meaning of the word; and c. terms that are only used once or twice. 3. Provisions that are unnecessarily complex or reflect the previous contractual status of the NSW-ACT and SA procedures 4. Common frameworks for: <ol style="list-style-type: none"> a. market audits b. confidentiality c. retention of data <p>The majority of potentially redundant and common framework provisions are located in the NSW-ACT and SA RMP.</p> <p>The draft versions of the RMPs in full for each jurisdiction showing tracked changes between the current version and the proposed changes are included in Attachment B. It is envisaged that providing these draft RMPs in full may assist Participants better understand the changes rather than review the marked up in Attachment A in isolation.</p> <p>AEMO is also using the removal of redundant provisions as an opportunity to make a number of minor Gas Interface Protocol (GIP) and Specification Pack (SP). These are documentation changes only and should not have any system or business process impacts. The proposed changes are described in Attachment C.</p>
<p>4. Consequences for making or not making the change(s)</p>	<p>It is intended that there will be no impact on the operation of the markets or participants obligations. It is intended that there will be no system or business process impacts as a result of this change.</p> <p>Increased consistency within the gas regulatory framework and simplification of the RMP</p>
<p>5. Explanation regarding the order of magnitude of the change(s) (eg: material, non-material or non-substantial)</p>	<p>These changes are non-material as they are they are documentation only.</p>
<p>6. Likely benefits for industry as a whole</p>	<p>Increased consistency within the gas regulatory framework.</p> <p>Provides a platform for future convergence of gas markets.</p> <p>Increased readability of the RMP.</p> <p>Increased clarity of RMPs and improved understanding of what</p>

	arrangements apply in each jurisdiction.
7. The likely implementation effect of the proposal on Industry in general and/or any identified parties (e.g. end-users)	<p>This is a documentation change only. There should be no system or business process implication for AEMO or Participants.</p> <p>The implementation effect of this change is it enhances consistency between the regulatory frameworks for all retail gas markets. These changes are a first step towards simplifying the RMP by removing redundant provisions and introducing consistent administrative arrangements for a number of AEMO's functions.</p>
8. Testing requirements	Nil
9. Supporting Documentation (attach if necessary)	Refer to attachments A, B and C.
10. If applicable, a proposed effective date for the proposed changed Procedures to take effect and justification for that timeline.	<p>AEMO proposes that the changes will occur in accordance with the following timeline:</p> <ul style="list-style-type: none"> • Friday 25 October 2013 – Submissions close for PPC. <i><u>Note – Please use the attached template in the accompanying e-mail to raise any comments / questions during the PPC phase of the consultation.</u></i> • Monday 4 November 2013 – Issue IIR for consultation • Monday 25 November 2013 – Submissions close for IIR • Wednesday 1 January 2014 – Proposed implementation

ATTACHMENT A – DOCUMENTATION CHANGES (SEE SECTION 3)

Blue represents additions Red and strikethrough represents deletions – Marked up changes

Attachment A

Redundant Provisions

#	CLAUSE	COMMENTS	PROPOSED CHANGE
New South Wales & Australian Capital Territory			
1.	1.3 Definitions		
2.	(s) plural	<p>Throughout the procedures (s) is put after a term to denote that it can be either singular or plural.</p> <p>This is unnecessary as a result of the interpretation provisions in item 11(4) of Schedule 2 to the NGL which applies to the RMP:</p> <p>(4) In this Law—</p> <p>(a) words in the singular include the plural; and</p> <p>(b) words in the plural include the singular.</p> <p>It is also inconsistent with the style used in the other RMP</p>	[Changes to multiple references throughout Procedures]
3.	“monthly reconciliation account balance reduction target” has the meaning given to it in clause 31.13(1)(a).	<p>Very long defined term</p> <p>only used in clauses 31.13 and 31.14</p>	<p>monthly reconciliation account balance reduction target has the meaning given to it in clause 31.13(1)(a).</p> <p>31.13 Data estimation entity to provide users with Monthly RAB Reduction Targets</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			<p>(1) On the last calendar day of each month (M + 0), the <i>data estimation entity</i> must determine and notify to each <i>user</i> a:</p> <p>(a) monthly reconciliation account balance reduction target ("<u>monthly RAB reduction target</u>") for the <i>settlement period</i> commencing on the first day of M +2. The monthly reconciliation account balance reduction target <u>monthly RAB reduction target</u> is calculated under clause 31.13(2) and is the total amount of <i>gas</i> that the <i>user</i> is required to include in its <i>forecast requirements</i> for <i>days</i> during the <i>settlement period</i> that commences on the first <i>nomination day</i> of M +2 for the purposes of reconciling its <i>reconciliation account balance</i>; and</p> <p>(b) <i>daily user reconciliation adjustment amount</i> that the <i>user</i> must include in its <i>forecast requirement</i> for each day of the <i>settlement period</i>. The <i>daily user reconciliation adjustment amount</i> is calculated by dividing the monthly reconciliation account balance reduction target <u>monthly RAB reduction target</u> by the number of days in the <i>settlement period</i>.</p> <p>(2) The <i>data estimation entity</i> will calculate a <i>user's</i> monthly reconciliation account balance reduction target <u>monthly RAB reduction target</u> as follows:</p> <p>(a) by calculating:</p> <p>(i) the sum of all <i>users' positive reconciliation account balances</i> as at the last <i>nomination day</i> of M +0; and</p> <p>(ii) the sum of all <i>users' negative reconciliation account balances</i> as at the last <i>nomination day</i> of M +0.</p> <p>Of the two amounts calculated under this clause 31.13(2)(a), that which is closer to zero is the <i>available offsetting amount</i>;</p> <p>(b) if the absolute value of each of the amounts calculated under clause 31.13(2)(a) is equal then each <i>user's</i> monthly reconciliation account balance reduction target <u>monthly RAB reduction target</u> will be equal to the <i>user's reconciliation account balance</i> as at the last <i>nomination day</i> of M +0 but of the opposite sign;</p>

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			<p>(c) if the value of one of the amounts calculated under clause 31.13(2)(a) is zero then each <i>user's</i> monthly reconciliation account balance reduction target <u>monthly RAB reduction target</u> will be zero and the daily <i>user reconciliation adjustment amounts</i> calculated under clause 31.13(1)(b) will each be zero; and</p> <p>(d) if neither clause 31.13(2)(b) or clause 31.13(2)(c) applies, then:</p> <p>(i) if a <i>user</i> has a <i>reconciliation account</i> balance that is of the same sign as the <i>available offsetting amount</i>, then it will have a monthly reconciliation account balance reduction target <u>monthly RAB reduction target</u> equal to the <i>user's reconciliation account balance</i> as at the last nomination day of M +0 but of the opposite sign; and</p> <p>(i) the total monthly reconciliation account balance reduction targets <u>monthly RAB reduction targets</u> of all <i>users</i> that have <i>reconciliation account</i> balances that are not of the same sign as the <i>available offsetting amount</i> is equal to the <i>available offsetting amount</i>. The <i>data estimation entity</i> will determine the monthly reconciliation account balance reduction target <u>monthly RAB reduction target</u> for each such <i>user</i> (being its share of the <i>available offsetting amount</i>) by notionally applying the <i>available offsetting amount</i> as follows:</p> <p>(A) the <i>user</i> with the largest <i>reconciliation account</i> balance, in absolute terms, takes all of the <i>available offsetting amount</i> until either the <i>available offsetting amount</i> is used up or the <i>user's reconciliation account</i> balance (after the application of the <i>available offsetting amount</i>) is equal to at least one other <i>user's reconciliation account</i> balance;</p> <p>(B) where two or more <i>users</i> have <i>reconciliation account</i> balances that are of the same amount, the <i>users</i> equally share the <i>available offsetting amount</i> until</p>

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			<p>the <i>available offsetting amount</i> is used up or each <i>user's reconciliation account</i> balance (after the application of the <i>available offsetting amount</i>) is equal to at least one other <i>user's reconciliation account</i> balance; and</p> <p>(C) so on, until the <i>available offsetting amount</i> is used up.</p> <p>31.14 Users' obligations</p> <p>(1) Provided it has not received a contrary direction from the <i>Rules administrator</i> each <i>user</i> in a <i>balanced network section</i> must meet its monthly reconciliation account balance reduction target <u>monthly RAB reduction target</u> and include in its <i>forecast requirement</i> the <i>user reconciliation adjustment amount</i> calculated by the <i>data estimation entity</i> under clause 31.13.</p>
4.	AEMO means Australian Energy Market Operator Limited (ACN 072 010 327)	AEMO is defined in the NGL, term applies to the RMP	AEMO means Australian Energy Market Operator Limited (ACN 072 010 327).
5.	contractor means a person performing any of the functions of AEMO under these Procedures from time to time.	<p>Essentially this term describes Logica.</p> <p>References in clause 29 refer to AEMO functions under the Procedures. These should refer to AEMO (who may appoint a contractor to perform them)</p> <p>Clause 45 protects contractors IP</p> <p>Only used in clauses 29 and 45</p>	<p>contractor means a person performing any of the functions of AEMO under these Procedures from time to time.</p> <p>29.6 Data estimation entity to provide impact assessment on proposed New Nominations Timetable</p> <p>No later than the end of the <i>objection period</i> the <i>data estimation entity</i> must provide the <i>Rules administrator</i> with a report containing an assessment of how the introduction of the New Nominations Timetable would impact the <i>data estimation entity</i>. The report must include an assessment of:</p> <p>(1) whether the <i>data estimation entity</i> (or a contractor performing the role of the data estimation entity) would be required to change its <i>systems</i> or processes as a result of the New Nominations Timetable;</p> <p>(2) if the <i>data estimation entity</i> (or a contractor performing the role of the data estimation entity) was required to change its <i>systems</i> or processes as a result of the New Nominations Timetable, the likely costs associated with such changes; and</p>

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6.	NSW retailer of last resort	Definitions are not required since the adoption of NECF in NSW	<p>29.7 No objection to New Nominations Timetable received from users</p> <p>(1) If by the end of the <i>objection period</i> the <i>network operator</i> and the <i>Rules administrator</i> have not received an objection from a <i>user</i> under clause 29.5 then as soon as practicable but in any event no later than 3 <i>business days</i> after the end of the <i>objection period</i> the <i>Rules administrator</i> must provide AEMO with the proposed New Nominations Timetable and a copy of the report prepared by the <i>data estimation entity</i> under clause 29.6.</p> <p>(2) As soon as reasonably practicable after the receipt of the information under clause 29.7(1) AEMO must:</p> <p>(a) determine whether the proposed New Nominations Timetable should come into effect in the relevant <i>network section</i>, having regard to the impacts on the <i>data estimation entity</i> and contractors identified in that information; and</p> <p>45.4 Intellectual property of GRMBS</p> <p>A <i>market participant</i> must take all reasonable steps to ensure that the parts of the <i>GRMBS</i> which embody any intellectual property rights of a contractor or any other third party are reasonably protected at all times from unauthorised access, use or misuse, damage or destruction by any of the <i>market participant's</i> officers, employees, agents, subcontractors or any other person.</p> <p>NSW Director-General ... NSW last resort supply event ... NSW last resort supply arrangements ... NSW retailer of last resort ... NSW retailer of last resort affected delivery point ... NSW retailer of last resort effective date ... NSW retailer of last resort notice ... NSW retailer of last resort transfer date ...</p> <p>[Delete references to these definitions throughout the Procedures]</p>

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7.	participant imbalance manager means AEMO.	Confusing definition of a historic function in the market that does not accurately reflect AEMO's current role in the market.	Participant imbalance manager means AEMO. [Changes to multiple references throughout Procedures to AEMO]
8.	Rules administrator means AEMO.	Confusing definition of a historic function in the market that does not accurately reflect AEMO's current role in the market.	Rules administrator means AEMO. [Changes to multiple references throughout Procedures to AEMO]
8A	data estimation entity means AEMO	Identified post workshop and GMI Confusing definition of a historic function in the market that does not accurately reflect AEMO's current role in the market	data estimation entity means AEMO [Changes to multiple references throughout Procedures to AEMO]
8B	forecasting entity means AEMO	Identified post workshop and GMI Confusing definition of a historic function in the market that does not accurately reflect AEMO's current role in the market	forecasting entity means AEMO [Changes to multiple references throughout Procedures to AEMO]
8C	registry operator means AEMO	Identified post workshop and GMI Confusing definition of a historic function in the market that does not accurately reflect AEMO's current role in the market	registry operator means AEMO [Changes to multiple references throughout Procedures to AEMO]
9.	stakeholder means an interested person notified to AEMO under clause 44.	See comments on cl 44 Defined term only used in 14.1, 17.5 and 44	stakeholder means an interested person notified to AEMO under clause 44. 14.1 Requirement for meter reading ... (12) If AEMO approves a proposed estimation methodology and consumption calculation methodology under clause 14.1(10) the Rules administrator will notify all market participants and stakeholders of the approved methodologies within a reasonable time prior to the date on which the methodologies will become effective.

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			<p>17.5 Complaints about misuse of DPI full listings</p> <p>(1) If the <i>Rules administrator</i> receives a complaint from a <i>market participant</i> or stakeholder that a <i>user</i> has breached clause 17.4(1) or 17.4(2) (“<i>DPI full listing complaint</i>”), then, notwithstanding any other compliance action that is being taken in respect of the complaint, the <i>Rules administrator</i> may issue a notice setting out the details of the complaint:</p>
10.	transportation agreement register means the register created and maintained by the registry operator under clause 6.7.	Only used in 6.7 and 6.8	<p>transportation agreement register means the register created and maintained by the registry operator under clause 6.7.</p> <p>6.7 Transportation agreement register</p> <p>(1) The <i>registry operator</i> must maintain a transportation agreement register <u>register (“transportation agreement register”)</u> for the purposes of change of user transactions that are <i>COU move-ins</i> within the meaning of clause 6.3, which sets out for each <i>network section</i> a list of the <i>users</i> that have in place a <i>transportation agreement</i> with the <i>network operator</i> for the transportation of gas to <i>low consumption delivery points</i> for the <i>network section</i>.</p>
11.	Note: “Written” has been deleted as Schedule 2 to the National Gas Law addresses the interpretation of different grammatical forms of this word. (note at end of definitions section could go)	Unnecessary Historic explanatory note	<p>Note: “Written” has been deleted as Schedule 2 to the National Gas Law addresses the interpretation of different grammatical forms of this word.</p>
12.	30.8(5) (5) The Rules administrator must calculate the amount of divergence in cumulative imbalances under clauses 30.8(1) to 30.8(3) and the correction amounts under clause 30.8(4) using the methodology that it develops for that purpose. The Rules administrator may amend the methodology from time to time. The Rules administrator must obtain the approval of the network operator to	Network operator's approval of a methodology seems inconsistent with current framework	<p>30.8 Rules administrator to correct divergent cumulative imbalances</p> <p>...</p> <p>(5) The <i>Rules administrator</i> must calculate the amount of divergence in <i>cumulative imbalances</i> under clauses 30.8(1) to 30.8(3) and the <i>correction amounts</i> under clause 30.8(4) using the methodology that it develops for that purpose. The <i>Rules administrator</i> may amend the methodology from time to time <u>after consultation with market participants</u>. The Rules administrator must obtain the</p>

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	the methodology and changes to the methodology to the extent that the methodology places obligations on the network operator.		approval of the network operator to the methodology and changes to the methodology to the extent that the methodology places obligations on the network operator.
13.	42.2 AEMO to provide monthly report.	This report provides redundant information, as more relevant data is already provided in daily reports (including revised data).	<p>42.2 Reporting</p> <p>The data estimation entity must provide to each user a report each month containing the following information relating to that user, for each network section and for each nomination day in the previous month:</p> <p>(1) total estimated withdrawals;</p> <p>(2) apportionment factor;</p> <p>(3) corrected reconciliation adjustment amount;</p> <p>(4) reconciliation account balance; and</p> <p>(5) total daily withdrawals.</p>
14.	43.4 AEMO to notify market participant and Rules administrator of its decision	Redundant words in clause heading as AEMO is the Rules Administrator	43.4 AEMO to <u>provide notification of its decision</u> notify market participant and Rules administrator of its decision
15.	44. STAKEHOLDERS	Essentially a provision that allows interested parties to register to receive notices from AEMO More or less redundant as all AEMO decisions and consultations are publically available	<p>STAKEHOLDERS</p> <p>Requests to become a stakeholder of AEMO</p> <p>(1) Any group or person may by notice to AEMO request to become a stakeholder.</p> <p>(2) A notice referred to in clause 44.1(1) must include:</p> <p style="padding-left: 20px;">(a) the name of the proposed stakeholder; and</p> <p style="padding-left: 20px;">(b) the address, telephone number, facsimile number and email address of the contact person for the stakeholder.</p> <p>(3) AEMO must accept a request made under clause 44.1(1) as soon as practicable after receipt of such a request and establish and maintain a register of stakeholders.</p>

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16.	PART J – NSW RETAILER OF LAST RESORT PROVISIONS	No longer operative since introduction of NECF in NSW	PART J—NSW RETAILER OF LAST RESORT PROVISIONS ---
16A	38.1 AEMO may appoint independent auditor	A consistent set of arrangements for audits on AEMO should be applied in all jurisdictions.	<p><u>38.1 MARKET AUDIT AEMO may appoint independent auditor</u></p> <p>(1) <u>AEMO must arrange for a Review to be conducted at least annually by a market auditor.</u></p> <p>(2) <u>AEMO shall appoint a market auditor who in AEMO's reasonable opinion is independent and suitably qualified to conduct the required Review.</u></p> <p>(3) <u>The Review must examine compliance by AEMO with its processes and the effectiveness and appropriateness of systems utilised in the operation of any activities as set out in or contemplated by the Procedures, including but not limited to:</u></p> <p>(a) <u>AEMO business processes;</u></p> <p>(b) <u>AEMO's compliance processes and compliance with the Procedures;</u></p> <p>(c) <u>IT Controls, including software management and business continuity;</u></p> <p>(d) <u>integrity of the delivery point registry; and</u></p> <p>(e) <u>billing and information systems (balancing and STTM distribution system allocation processes).</u></p> <p>(4) <u>AEMO must establish and implement a consultative process that enables users and network operators to provide input into the development of the scope of the Review on an annual basis.</u></p> <p>(5) <u>AEMO must ensure that the person who conducts the Review prepares a report in which the results of the Review are set out.</u></p> <p>(6) <u>The report prepared by the market auditor in accordance with clause 38(4) must be made available by AEMO to users, the AER and network operators on request.</u></p>

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			<p>Add definition:</p> <p><u>Review</u> means an examination in accordance with the standard (as varied from time to time) for a review specified in Auditing Standard AUS106 (Explanatory Framework for standards on Audit and Audit Related Services) prepared by the Auditing and Assurance Standards Board of the Australian Accounting Research Foundation.</p> <p>38.2 — AEMO must consider necessity of negative assurance audit</p> <p>38.3 — Terms of auditor's retainer</p> <p>38.4 — Auditor's report</p>
16B	1.5 Confidential Information	<p>Consistent provision modelled on one NSW, Vic and Qld provisions</p> <p>Rely on NGL and NGR confidential information regime</p>	<p><u>[Note: See Division 7, Part 6 of the Law and rule 138A of the Rules which provides for the use and disclosure of confidential information.]</u></p>
South Australia			
17.	Definitions		
18.	<p>Access arrangement</p> <p>means an access arrangement made by: (a) ESCOSA under the old access law and Gas Code; or (b) by the AER under the National Gas Law and the Rules.</p>	<p>Term is defined in the NGL</p> <p>access arrangement means an arrangement setting out terms and conditions about access to pipeline services provided or to be provided by means of a pipeline;</p>	<p>“Access Arrangement” means an access arrangement made by:</p> <p>(a) — ESCOSA under the old access law and Gas Code; or</p> <p>(b) — by the AER under the National Gas Law and the Rules.</p>
19.	<p>“active in the market” has the meaning given to it under clause 377B(1).</p>		<p>“active in the market” has the meaning given to it under clause 377B(1).</p> <p>.....</p> <p>Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).</p>
20.	<p>“appointor” has the meaning given to</p>	<p>Only used in clause 359, dealing with</p>	<p>“appointor” has the meaning given to it under clause Error! Reference source not</p>

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	it under clause 228(2).	appointment of auditors, and is defined there (incorrect cross reference, definition should refer to 359 not 228)	<p>found.</p> <p>.....</p> <p>Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).</p>
21.	“auditor” means an auditor appointed under Part 7.2.	Used in Part 7.2 Doesn't add anything to the ordinary meaning of the word	<p>“auditor” means an auditor appointed under Error! Reference source not found.</p> <p>.....</p> <p>Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).</p>
22.	<p>“automated response message” means an email (“reply email”) sent automatically, subject to clause 12A(4), upon receipt of an email (“original email”), where the reply email is sent from an addressee’s information system to the sender of the original email, acknowledging that the original email has been received by the addressee’s information system and containing:</p> <p>(a) the name of the originator of the original email;</p> <p>(b) at least the time, date and subject title of the original email;</p> <p>{Note: The easiest means to record this information may be to include the whole of the original email, preferably excluding attachments, within the reply email.}</p> <p>€ the name of the addressee of the original email; and</p> <p>(d) the date and time the original email was received by the addressee’s information system (which in the absence of evidence to the contrary is taken to be the</p>	Only used in cl 12A dealing with notice by email	<p>Delete definition, revise cl 12A</p> <p>“automated response message” means an email (“reply email”) sent automatically, subject to clause 12A(4), upon receipt of an email (“original email”), where the reply email is sent from an addressee’s information system to the sender of the original email, acknowledging that the original email has been received by the addressee’s information system and containing:</p> <p>(a) — the name of the originator of the original email;</p> <p>(b) — at least the time, date and subject title of the original email;</p> <p>{Note: The easiest means to record this information may be to include the whole of the original email, preferably excluding attachments, within the reply email.}</p> <p>(c) — the name of the addressee of the original email; and</p> <p>(d) — the date and time the original email was received by the addressee’s information system (which in the absence of evidence to the contrary is taken to be the creation date of the reply email).</p> <p>12A. Notices by email</p> <p>(2) A notice sent by email is neither given nor received under these Procedures until the person sending the email (“sender”) receives a <u>reply automated response message</u> for the email from the person to whom the email was addressed (“addressee”).</p> <p>It is the sender’s responsibility for each attempted email to:</p> <p>verify that it receives a <u>reply automated response message</u>; and</p> <p>if it does not receive a <u>reply automated response message</u>, arrange either for retransmission of the email, or for communication of the information contained in the email by an alternative medium.</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
	creation date of the reply email).		<p>For the purposes of these <i>Procedures</i>, unless the <i>addressee</i> proves otherwise, an email is deemed to have been given by the <i>sender</i> and received by the <i>addressee</i> if:</p> <p>an reply automated response message for the email is received by the <i>addressee</i> before <i>close of business</i>, at the date and time shown in the <i>automated response message</i>; or</p> <p>otherwise, at <i>start of business</i> on the next <i>business day</i>.</p> <p>For the purposes of these <i>Procedures</i> an reply automated response message:</p> <p>is not an email that requires receipt of a further reply automated response message in order for the reply automated response message to have been validly sent and received; and</p> <p>should not be generated in response to other replies automated response messages.</p>
23.	<p>“business hours” means the period between start of business and close of business.</p> <p>“start of business” means 0800 hours in South Australia.</p> <p>“close of business” means 1700 hours in South Australia.</p>	<p>Business hours is only used in definition of business day and clause 76(2)</p> <p>The definitions start and close of business are used in the definition of “business hours” and “full business day” and in clauses: 6A(2)(d), 11(2)(b), 12(1)(a), 12(4)(b), 12A(4)(a), 36(1), 39(1), 86(1), 91(1), 103(d)(i), 158(4)</p> <p>Delete definition of “business hours” amend definition of business day and cl 76(2) by inserting times i.e. 9am – 5pm</p> <p>Replace references to start and close of business with timings i.e. 9am or 5pm</p>	<p>“business day” means the <u>period between 0800 hours and 1700 hours</u> business hours of a day that is not a Saturday, Sunday or a public holiday in South Australia.</p> <p>“business hours” means the period between start of business and close of business.</p> <p>“close of business” means 1700 hours in South Australia.</p> <p>“start of business” means 0800 hours in South Australia.</p> <p>Network operator to assist</p> <p>(1) A <i>user</i>, (provided it has first made reasonable efforts to lodge a valid <i>MIRN discovery request</i>) may request the <i>network operator’s</i> assistance to determine a <i>delivery point’s discovery address</i> or <i>MIRN</i>, in which case, subject to clause 0, the <i>network operator</i> must provide that assistance:</p> <p>where the request for assistance is made before midday on a <i>business day</i> — by 5.00 pm on that <i>business day</i>; and</p> <p>where the request for assistance is made on or after midday on a <i>business day</i>, or is not made on a <i>business day</i> — by 5.00 pm on the next <i>business day</i>.</p> <p>To avoid doubt, clause 302(1) only requires the <i>network operator</i> to use reasonable</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			endeavours during business hours <i>business days</i> to assist the user to determine a <i>delivery point's discovery address</i> or <i>MIRN</i> to enable the user to lodge a further <i>MIRN discovery request</i> in relation to the <i>delivery point</i> . {Note: A user may lodge a new <i>MIRN discovery request</i> under clause Error! Reference source not found. at any time.}
24.	"claim" includes any claim, legal action or demand.	Doesn't add anything to ordinary meaning	"claim" includes any claim, legal action or demand. Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).
25.	"clause 192(2) notice" has the meaning given to it in clause 192(2).	Only used in clause 192 and in the fallback user shipper agreement	"clause 192(2) notice" has the meaning given to it in clause Error! Reference source not found.. Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).
26.	"confidential information" means confidential and proprietary information of a participant, pipeline operator or prescribed person, that: (a) is or might reasonably be expected to be confidential in nature or to be special, unique, proprietary or to give the person a competitive advantage; or (b) is disclosed in circumstances of confidentiality.	See comments on confidential information in administrative functions	"confidential information" means confidential and proprietary information of a participant, pipeline operator or prescribed person, that: (a) — is or might reasonably be expected to be confidential in nature or to be special, unique, proprietary or to give the person a competitive advantage; or (b) — is disclosed in circumstances of confidentiality. Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).
27.	"dispute" includes any difference, dispute, matter, question, controversy, claim or legal action in connection with or arising out of	Doesn't add anything to ordinary meaning	"dispute" includes any difference, dispute, matter, question, controversy, claim or legal action in connection with or arising out of these Procedures.

#	CLAUSE	COMMENTS	PROPOSED CHANGE
	these Procedures.		Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).
28.	<p>“ESCOSA” has the same meaning as —Commissionll has under the Gas Act 1997 (SA).</p> <p>{Note: At the time these Procedures commenced, —Commission means —the Essential Services Commission established under the Essential Services Commission Act 2002.}</p>	<p>Former SA regulator</p> <p>Little or no continuing role in gas market regulation</p> <p>Used in definitions of:</p> <ul style="list-style-type: none"> • Access arrangement • Industry ombudsman • Interested person <p>Clause 349 – explicit informed consent</p> <p>CI 352(3) – network operator audit</p> <p>CI 364(h) – confidentiality</p> <p>Sub-appendix 2.2 – verification of meter data</p>	<p>“ESCOSA” has the same meaning as —Commissionll has under the Gas Act 1997 (SA).</p> <p>{Note: At the time these Procedures commenced, —Commission means —the Essential Services Commission established under the Essential Services Commission Act 2002.}</p> <p>“interested person” means, in relation to a matter:</p> <p>(a) a government representative in South Australia; or</p> <p>(b) any other person that jurisdictional regulator for South Australia ESCOSA considers has a legitimate interest in the matter or should be consulted in relation to the matter.</p> <p>119 If reconnection notice is valid</p> <p>Upon receipt of a valid <i>reconnection notice</i>, subject to clause Error! Reference source not found., a <i>network operator</i> must:</p> <p>forthwith accept the <i>reconnection notice</i>; and</p> <p><i>immediately notify the user</i> that the <i>reconnection notice</i> has been accepted.</p> <p>A <i>network operator</i> must (subject to <i>law</i>) at the same time, within 2 <i>business days</i> after receiving a valid <i>reconnection notice</i>, <i>reconnect</i> the <i>delivery point</i> and undertake a <i>meter reading</i> of, and obtain the <i>meter reading data</i> for, the <i>delivery point</i>.</p> <p>{Note: A <i>network operator’s</i> obligation to <i>reconnect</i> a <i>delivery point</i> after receiving a valid request from a <i>user</i> to do so, is also set out in section 3.1 of the Distribution Code as issued by jurisdictional regulator for South Australia</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			<p>ESCOSA.</p> <p>Appendix 2 – Estimation and Verification Methodology</p> <p>Sub appendix 2.2</p> <p>Verification Methodology for Basic Meters A <i>Network Operator</i> must use the methodology for verification and substitution of <i>metering data</i> prescribed by the South Australian Metering Code issued by the jurisdictional regulator for South Australia ESCOSA.</p> <p>Verification Methodology for Interval Meters A <i>Network Operator</i> must use the methodology for verification and substitution of <i>metering data</i> prescribed by the South Australian Metering Code issued by the jurisdictional regulator for South Australia ESCOSA.</p> <p>Estimation Methodology for Basic Meters A <i>Network Operator</i> must use the methodology for estimation of <i>metering data</i> prescribed by the South Australian Metering Code issued by the jurisdictional regulator for South Australia ESCOSA.</p> <p>Estimation Methodology for Interval Meters A <i>Network Operator</i> must use the methodology for estimation of <i>metering data</i> prescribed by the South Australian Metering Code issued by the jurisdictional regulator for South Australia ESCOSA.</p>
29.	“exit the market” has the meaning given to it under clause 377B(1).	Only used in clause 8.6 Proposing to delete 8.6 “Exiting the Market”	<p>“exit the market” has the meaning given to it under clause 377B(1).</p> <p>*****</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).
30.	“indemnifier” has the meaning given to it in clause 366.	Only used in cl 366 – confidentiality See proposed changes to 8.2 – confidentiality	“indemnifier” has the meaning given to it in clause Error! Reference source not found..
31.	“indemnifying party” has the meaning given to it under clause 377A(1).	Only used in cl 377A – Liability See proposed changes to cl 8.5 – liability	“indemnifying party” has the meaning given to it under clause 377A(1). Note – (In addition to the above change, all reference to shown as italicised, the italics has been removed).
32.	“negative assurance audit” means a review with the objective of enabling the auditor to state whether, on the basis of review procedures that do not provide all the evidence that would be required in a standard audit, anything has come to the auditor’s attention that indicates (as applicable): (a) AEMO’s non-compliance with the clauses set out under clause 228(1); or (b) a network operator’s non-compliance with the clauses set out under clause 228(1).	Doesn’t add much to the ordinary meaning of the words. Only used in chap 7 – Audits and reviews See proposed changes to audit part in administrative provisions table Delete definition Revise audit arrangements (see item # 43)	“negative assurance audit” means a review with the objective of enabling the auditor to state whether, on the basis of review procedures that do not provide all the evidence that would be required in a standard audit, anything has come to the auditor’s attention that indicates (as applicable): (a) AEMO’s non-compliance with the clauses set out under clause Error! Reference source not found.; or (b) a network operator’s non-compliance with the clauses set out under clause Error! Reference source not found..
33.	“network” means a distribution pipeline within the meaning of the National Gas Law.	Replicates NGL definition	“network” means a distribution pipeline within the meaning of the National Gas Law. “
34.	“pipeline” means a pipeline for the transmission of gas to a network.	Redefines term used in NGL with a different meaning Delete definition	“pipeline” means a pipeline for the transmission of gas to a network. <u>“transmission pipeline” means a pipeline that is classified in accordance with this Law or the Rules as a transmission pipeline and includes any extension to, or expansion of the capacity of, such a pipeline when it is a covered pipeline that, by</u>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
		<p>Replace throughout with NGL definition of transmission pipeline:</p> <p>“transmission pipeline means a pipeline that is classified in accordance with this Law or the Rules as a transmission pipeline and includes any extension to, or expansion of the capacity of, such a pipeline when it is a covered pipeline that, by operation of an applicable access arrangement or under this Law, is to be treated as part of the pipeline;”</p>	<p><u>operation of an applicable access arrangement or under this Law, is to be treated as part of the pipeline;”</u></p> <p>.....</p> <p>Note – (In addition to the above change, replace “pipeline” with “transmission pipeline” throughout Procedures)</p>
35.	<p>6B. Distribution tariff codes</p> <p>A network operator must publish, including any amendments, and provide on request, the distribution tariff codes applying in each of the network operator’s sub-networks.</p>	<p>Replicates NGL obligations to publish access arrangement</p> <p>[not really sure what this provision is doing]</p>	<p>6B. Distribution tariff codes</p> <p>A network operator must publish, including any amendments, and provide on request, the distribution tariff codes applying in each of the network operator’s sub-networks.</p>
36.	<p>20. AEMO standing data..</p> <p>(1) € the GBO Identification of the RoLR;</p> <p>and</p> <p>Source column – AEMO (drawing the information from the ROLR scheme)</p>	<p>RoLR Scheme definition was removed sometime ago and is no longer relevant and should be removed.</p> <p>The term RoLR is incorrectly defined. It should be designated RoLR.</p> <p>Source: AEMO review of Procedures after the workshop</p>	<p>UPDATE</p> <p>(1) €THE GBO IDENTIFICATION OF THE <u>DESIGNATED</u> ROLR; AND</p> <p>SOURCE AEMO (DRAWING THE INFORMATION FROM THE ROLR SCHEME)</p>
37.	<p>20 AEMO standing data.</p> <p>(1) In clause 20(1), “source” means the person responsible for providing the information to AEMO, not necessarily the person who is the originating source of the information.</p> <p>{Note: If there is no ROLR scheme, then the item of AEMO standing data in clause 20(1)€ will be a dummy GBO identification.}</p>	<p>The notation RoLR scheme is redundant and RoLR event should be used instead.</p> <p>Source: AEMO review of Procedures after the workshop</p> <p>Update</p>	<p>{Note: If there is no ROLR scheme <u>RoLR event</u> then the item of AEMO standing data in clause 20(1)€ will be a dummy GBO identification.}</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
38.	22. GBO identification	The notation under clause reference (b) is redundant {For example: A user may have two GBO identifications – one as a user and one as a ROLR. }	(1) determine and issue a GBO identification for the person for each capacity in which it operates under these Procedures; and {For example: A user may have two GBO identifications — one as a user and one as a ROLR. }
39.	22. GBO identification	This clause is no longer warranted.	(a) a user that is also a ROLR must have a different GBO identification for its role as a user and its role as a ROLR; and <u>There is no clause 22 (3) (a)</u>
39A	Part 3.2 MIRN DISCOVERY	Typo in heading	Part 3.2 MIRN DISCOVERY
40.	83 Requirements for valid transfer request		€ the <i>incoming user</i> is a <i>user</i> and has an <i>active GBO identification</i> ; and (f) except in the case of a ROLR event — the incoming user is not the ROLR; and <u>There is no clause 83 (f)</u>
41.	192. If allocation instruction is invalid (3) If AEMO has been required to allocate a <i>user's gas injections</i> for a <i>gas day</i> for a <i>sub-network</i> using the method set out in clause 192(2)(d), then AEMO must <i>immediately notify</i> the <i>network operator</i> and the ROLR administrator that AEMO was required under clause 192(2)(d) to allocate the <i>user's gas injections</i> for the <i>sub-network</i> to <i>shippers</i> which are not listed in the <i>shipper register</i> for the <i>user</i> for the <i>sub-network</i> .	The refer to RoLR administer no longer a defined term and is no longer relevant.	(3) If AEMO has been required to allocate a <i>user's gas injections</i> for a <i>gas day</i> for a <i>sub-network</i> using the method set out in clause 192(2)(d), then AEMO must <i>immediately notify</i> the <i>network operator</i> and the ROLR administrator that AEMO was required under clause 192(2)(d) to allocate the <i>user's gas injections</i> for the <i>sub-network</i> to <i>shippers</i> which are not listed in the <i>shipper register</i> for the <i>user</i> for the <i>sub-network</i> .
42.	248. Calculate user's deemed withdrawals for a pipeline	This data is no longer required since the start of the STTM in 2010	Delete clause 248 Calculate user's deemed withdrawals for a pipeline [...]
43.	Chapter 7 – Audit	A consistent set of arrangements for audits on AEMO should be applied in all jurisdictions.	351 Audit of AEMO MARKET AUDIT <u>(1) AEMO must arrange for a Review to be conducted at least annually by a</u>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			<p><u>market auditor.</u></p> <p><u>(2) AEMO shall appoint a market auditor who in AEMO's reasonable opinion is independent and suitably qualified to conduct the required Review.</u></p> <p><u>(3) The Review must examine compliance by AEMO with its processes and the effectiveness and appropriateness of systems utilised in the operation of any activities as set out in or contemplated by the Procedures, including but not limited to:</u></p> <p><u>(i) AEMO business processes;</u></p> <p><u>(ii) AEMO's compliance processes and compliance with the Procedures;</u></p> <p><u>(1) IT Controls, including software management and business continuity;</u></p> <p><u>(iv) integrity of the <i>delivery point registry</i>; and</u></p> <p><u>(v) billing and information systems (balancing and STTM distribution system allocation processes).</u></p> <p><u>(4) AEMO must establish and implement a consultative process that enables users and network operators to provide input into the development of the scope of the Review on an annual basis.</u></p> <p><u>(5) AEMO must ensure that the person who conducts the Review prepares a report in which the results of the Review are set out.</u></p> <p><u>(6) The report prepared by the market auditor in accordance with clause 38(4) must be made available by AEMO to users, the AER and Distributors on request.</u></p> <p>Add the following definition</p> <p><u>"Review" means an examination in accordance with the standard (as varied from time to time) for a review specified in Auditing Standard AUS106 (Explanatory Framework for standards on Audit and Audit Related Services) prepared by the Auditing and Assurance Standards Board of the Australian Accounting Research Foundation.</u></p> <p>352 Audit of network operator's metering responsibilities</p> <p>[...]</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			<p>353 Auditor's qualifications etc [...]</p> <p>354 Auditor's conflict of interest [...]</p> <p>355 Terms of auditor's retainer [...]</p> <p>356 Confidentiality [...]</p> <p>357 Participants, AEMO, pipeline operators and prescribed persons must cooperate with auditor [...]</p> <p>358 Audit report [...]</p> <p>359 Level of Audit [...]</p> <p>360 AEMO's audit summary report</p>
44.	This is meant to be blank.		
45.	8.2 – confidentiality	Inconsistent arrangements between markets	<p>365 Confidentiality obligations Unless these Procedures state otherwise, any information provided to AEMO or a participant under these Procedures is classified as confidential information for the purposes of the National Gas Law and Rules. (Note: See Division 7, Part 6 of the Law and rule 138A of the Rules which provides for</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			<p>the use and disclosure of confidential information.</p> <p>(1) Subject to clause Error! Reference source not found., a recipient must:</p> <p style="padding-left: 20px;">(a) keep confidential any confidential information provided to it under these Procedures; and</p> <p style="padding-left: 20px;">(b) not disclose confidential information to any person except as permitted by these Procedures; and</p> <p style="padding-left: 20px;">(c) only use or reproduce confidential information for the purpose for which it was disclosed or another purpose contemplated by these Procedures; and</p> <p style="padding-left: 20px;">(d) not permit unauthorised persons to have access to confidential information.</p> <p>(2) Subject to clause Error! Reference source not found., a recipient must use all reasonable endeavours:</p> <p style="padding-left: 20px;">(a) to prevent unauthorised access to confidential information which is in the possession or control of that recipient; and</p> <p style="padding-left: 20px;">(b) to ensure that its secondary recipients observe the provisions of this clause Error! Reference source not found. in relation to the confidential information.</p> <p>(3) Despite any other provision of these Procedures, a person must continue to comply with this clause Error! Reference source not found. after it has otherwise ceased to be subject to these Procedures.</p> <p>364. Exceptions to confidentiality requirements</p> <p>Clause Error! Reference source not found. does not prevent:</p> <p style="padding-left: 20px;">(a) the disclosure, use or reproduction of information if the information is at the time generally publicly available other than as a result of breach of confidence by a recipient or by a secondary recipient; or</p> <p style="padding-left: 20px;">(b) the disclosure of information by a recipient or by a secondary recipient to:</p> <p style="padding-left: 40px;">(i) an employee or officer of the recipient; or</p> <p style="padding-left: 40px;">(ii) a related body corporate of the recipient; or</p> <p style="padding-left: 40px;">(iii) a legal or other professional advisor, auditor or other consultant of the recipient,</p> <p style="padding-left: 40px;">that requires the information for the purposes of these Procedures, or for the purpose of advising the recipient in relation to these Procedures; or</p> <p style="padding-left: 20px;">(c) the disclosure, use or reproduction of information with the consent of the</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			<p>person who provided the information under these Procedures; or</p> <p>(d) the disclosure, use or reproduction of information to the extent required by law or by a statutory requirement, notice, order or direction of:</p> <p>(i) a government authority having jurisdiction over a recipient or its related bodies corporate; or</p> <p>(ii) a recognised stock exchange having jurisdiction over a recipient or its related bodies corporate; or</p> <p>(e) there is no clause 364E</p> <p>(f) the disclosure, use or reproduction of information required:</p> <p>(i) in connection with; or</p> <p>(ii) for the purpose of advising a person in relation to, legal proceedings, arbitration, expert determination or other dispute resolution mechanism relating to these clauses;</p> <p>(g) the disclosure, use or reproduction of information which is required to protect the safety of personnel or equipment; or</p> <p>(h) without limiting clause 364(d) the compulsory disclosure of information to (as applicable) ESCOSA, the Technical Regulator or Energy Ombudsman in South Australia, or any other regulatory authority having jurisdiction (as the case may be), under these Procedures or otherwise.</p> <p>365. Conditions on disclosure of confidential information</p> <p>Prior to disclosing information under clause 364(b), 364E or 364(h) to a secondary recipient, a recipient must:</p> <p>(a) inform the secondary recipient that the information is confidential information; and</p> <p>(b) take appropriate precautions to ensure that:</p> <p>(i) the confidential information remains confidential despite the disclosure under clause Error! Reference source not found.; and</p> <p>(ii) the secondary recipient does not use the information for any purpose other than that permitted under clause Error! Reference source not found.</p> <p>366. Confidentiality indemnity</p> <p>(1) Subject to clause 366(2), each participant, pipeline operator and prescribed person ("indemnifier") indemnifies AEMO against any claim, action, damage, loss, liability,</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			<p>expense or outgoing which AEMO pays, suffers, incurs or is liable for in respect of any breach by the indemnifier or any officer, agent or employee of the indemnifier (as the case may be) of clause Error! Reference source not found..</p> <p>(2) An indemnifier is not responsible for, and is not required to indemnify AEMO against, any breach by any officer, agent or employee of the indemnifier (as the case may be) of clause Error! Reference source not found., if the officer, agent or employee was acting for and on behalf of AEMO as AEMO's agent, at the time of breaching clause Error! Reference source not found..</p>
46.	Part 8.6 – Exiting the Market	Redundant arrangements for exiting the market and liability after exiting are dealt with as part of registration in part 15A of the NGR	<p>Part 8.6 – Exiting the Market</p> <p>[...]</p>
47.	Chapter 10	<p>Redundant</p> <p>give access arrangements priority over the RMP</p> <p>replicates s91MB(2) of the NGL</p> <p>Contractual provisions that reflect former status of SA Retail Market Rules as an agreement between participants</p> <p>Redundant under current framework</p> <p>Workshop outcome: Agree to delete Chapter 10. This chapter is no longer relevant as it reflects the previous contractual arrangements, which have been superseded by a regulatory framework</p>	<p>CHAPTER 10 – GENERAL PROVISIONS</p> <p>[...]</p>
48.	Appendix 4 – Auditor's deed of undertaking	<p>Pro forma confidentiality agreement for an auditor</p> <p>Unnecessary confidentiality undertakings are part of all AEMO audit contracts</p>	<p>APPENDIX 4 – AUDITOR'S DEED OF UNDERTAKING</p> <p>[...]</p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
		delete Workshop outcome: Agree to delete requirement to align audit requirements across all participants.	
49.	Appendix 9 – Fallback user-shipper agreement	A fallback arrangement between users and shippers Seems inappropriate content for RMP Referred to in cl 193A and note to 192(2)(d) [does anyone use it?]	APPENDIX 9 – FALLBACK USER-SHIPPER AGREEMENT [...]
Victoria			
50.	5.1.1(d) (d) If after five business days AEMO has not received a validated complete customer listing in accordance with clause 5.1.1(b), AEMO may notify the jurisdictional regulator for Victoria of the failure.	Redundant obligation to refer a breach of the RMP to a jurisdictional regulator Unnecessary as a result of current enforcement mechanisms Delete	5.1.1 Creation, Maintenance and Administration ... (d) If after five business days AEMO has not received a validated complete customer listing in accordance with clause 5.1.1(b), AEMO may notify the jurisdictional regulator for Victoria of the failure.
50A	New Market Audit clause	A consistent set of arrangements for audits on AEMO should be applied in all jurisdictions.	<u>1.17 Market Audit</u> (a) <u>AEMO must arrange for a Review to be conducted at least annually by a market auditor.</u> (b) <u>AEMO shall appoint a market auditor who in AEMO's reasonable opinion is independent and suitably qualified to conduct the required Review.</u> (c) <u>The Review must examine compliance by AEMO with its processes and effectiveness and appropriateness of systems utilised in the operation of any activities as set out in or contemplated by the Procedures, including but not limited to:</u> (i) <u>AEMO business processes;</u> (ii) <u>AEMO's compliance processes and compliance with</u>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
			<p>(iii) <u>the Procedures;</u> <u>IT Controls, including software management and business continuity;</u></p> <p>(iv) <u>integrity of the AEMO metering register;</u></p> <p>(v) <u>profiling processes and systems; and</u></p> <p>(vi) <u>billing and information systems.</u></p> <p>(d) <u>AEMO must establish and implement a consultative process that enables Market Participants to provide input into the development of the scope of the Review on an annual basis.</u></p> <p>(e) <u>AEMO must ensure that the person who conducts the Review prepares a report in which the results of the Review are set out.</u></p> <p>(f) <u>The report prepared by the market auditor in accordance with clause 1.7€ must be made available by AEMO to the AER and Market Participants on request.</u></p> <p><u>Add the following definition</u> <u>Review means an examination in accordance with the standard (as varied from time to time) for a review specified in Auditing Standard AUS106 (Explanatory Framework for standards on Audit and Audit Related Services) prepared by the Auditing and Assurance Standards Board of the Australian Accounting Research Foundation.</u></p>
50B	<p>6.1.3 Update Metering register that are not Subject to a Transfer Request</p> <p>Before the RoLR gas day, for each MIRN for which the failed Retailer is recorded as the FRO and to which clause 6.1.2 does not apply, AEMO must amend the metering register by recording the declared host Retailer for the relevant distribution area as the FRO.</p> <p>Note: By virtue of a licence condition included pursuant to section 51D of the Gas Industry Act 2001 (Vic), declared host Retailers are Retailers of Last Resort in the case of the failure of another Retailer.</p>	<p>Unlike SA RMPs, there is no obligation on VIC DBs to update FRO in RoLR event similar to SA. The proposed clause 6.1.4A resolves this missing obligation making it consistent with SA RMPs</p>	<p><u>6.1.4A Update Distributor Database that are not Subject to a Transfer Request</u></p> <p><u>Each <i>Distributor</i> must:</u></p> <p><u>(a) for each <i>MIRN</i> for which the <i>failed Retailer</i> is recorded as the <i>FRO</i> and to which clause 6.1.2 does not apply, each <i>Distributor</i> must amend their database by recording the declared host Retailer as the FRO; and</u></p> <p><u>(b) provide AEMO with a report of the details of each MIRN that has been updated in the database.</u></p>

#	CLAUSE	COMMENTS	PROPOSED CHANGE
	<p>6.1.4 Data Exchange</p> <p>Before the RoLR gas day, AEMO must:</p> <p>(a) provide each declared host Retailer a file containing customer details using the most recently received complete customer listing in accordance with the Gas Interface Protocol; and</p> <p>(b) provide each Distributor a file containing details of the MIRNs where in accordance with clause 6.1.3 AEMO has updated the metering register with the declared host Retailer as the FRO for each distribution area, deliver that file in accordance with the Gas Interface Protocol</p>		
Queensland			
51.	Definition of an auditor is redundant	Unnecessary and will align with other jurisdictions.	Market Auditor—A person appointed by AEMO to carry out a Review under clause 1.7.
52.	This is meant to be blank.		

Attachment B

Below are draft versions of the Retail Market Procedures in full for each jurisdiction showing tracked changes between the current version and the proposed changes that are referenced in Attachment A.

<Insert NSW/ACT RMPs>

<insert SA RMPs>

<insert VIC RMPs>

<insert QLD RMPs>

Note – The above RMPs will be provided prior to the closing of the PPC consultation.

Attachment C (IN022/11 plus other minor GIP and Spec Pack changes)

ATTACHMENT C –

PROPOSED RETAIL MARKET PROCEDURE (VIC) CHANGES

Blue represents additions Red and strikeout represents deletions – Marked up changes

Extract - PARTICIPANT BUILD PACK 1 - CSV DATA FORMAT SPECIFICATION

6.14A RoLR CATS Accelerated (T940 / T950/ T960 INT607)

The T940 / T950/ T960 is a file list all ROLR related Accelerated to Completion MIRNs. It is sent to retailers and Distributors. AEMO will provide this via the MIBB after a RoLR event. The file format is located in the Master MIBB Guide.

See INT607.

Refresh of New Street Listing for MIRN Discovery (T298)

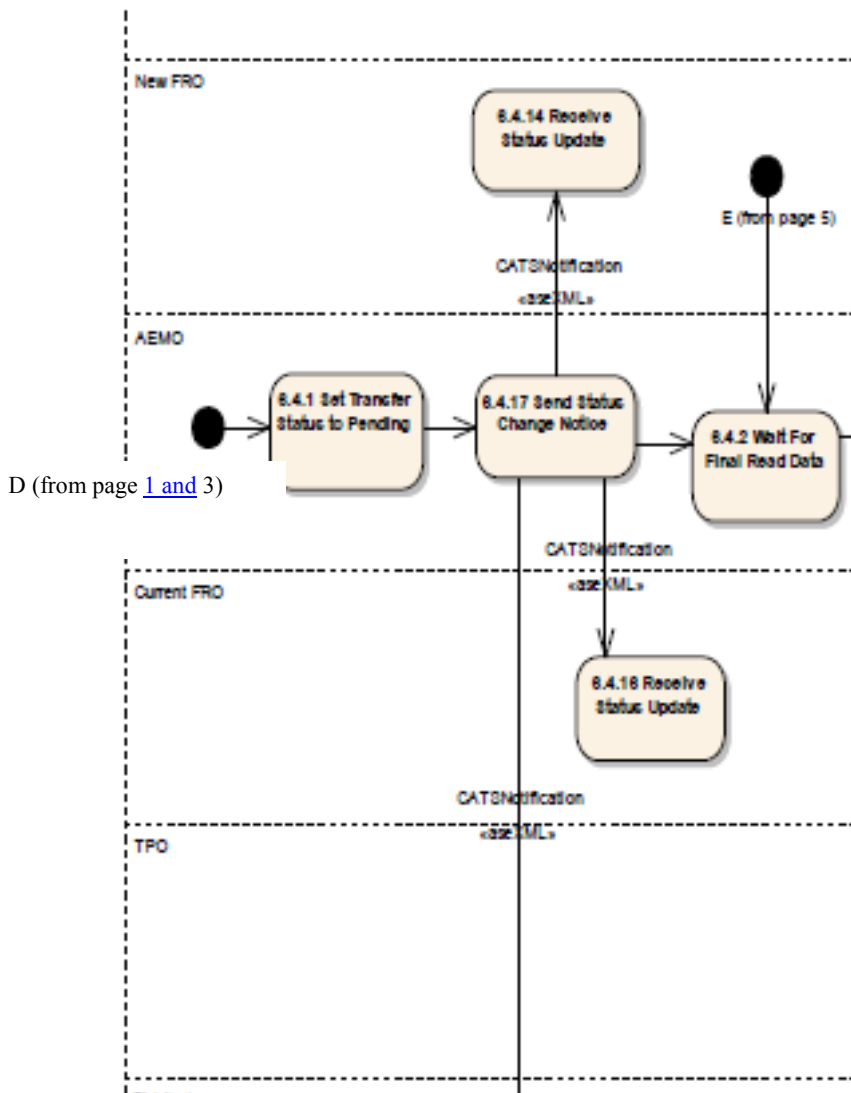
The Distributor must make available in an electronic form a remotely accessed street/suburb combination listing for Retailers. This listing is to be refreshed at least once a month (see Ref.[5], 3.3.1) and it is used by the Retailer to assist with MIRN Discovery requests (eg: the street name the Distributor uses in its database).

The data is prepared by the Distributor and can either be download from the Distributors website or e-mailed, if requested.

TRANSACTION 298		
Heading/Column designator	Mandatory/O ptional	Comment
Street_Name	M	
Street_ID	M O	<u>Mandatory if present</u>
Street_Suffix	O	Mandatory if present
Suburb_Or_Place_Or_Locality	M	
Site_Address_Postcode	O	
Date_Updated	M	

Extract - PARTICIPANT BUILD PACK 1 - PROCESS FLOW DIAGRAMS

1.16 Diagram 6.0 – Customer Transfers (page 4)



Extract - PARTICIPANT BUILD PACK 2 - System Interface Definitions

4.3.2.2 Meter Data History Response Transaction

TRANSACTION DEFINITION TABLE CROSS-REFERENCE	48 ENERGY HISTORY RESPONSE
Trigger	Receipt of an energy history request from AEMO.
Pre-conditions	None.
Post-conditions	AEMO has obtained historic data.
Transaction acknowledgment specific event codes	None

The Meter Data Gas History Response is realised in terms of the MeterDataNotification aseXML transaction. It is used by the Distributor to deliver energy history data to AEMO. For MeterDataNotification transaction details see section [4.2.2.2](#).

Appendix A. Data Dictionary

A.1 aseXML Data Elements

These data elements are applicable to this document only; Build Pack 3 has a separate data dictionary that may differ from the items listed below.

ASEXML ELEMENT NAME	GTPWG TABLE OF TRANSACTIONS ELEMENT NAME	DESCRIPTION	ATTRIBUTES/FORMAT	LENGTH/DECIMAL PLACES	ALLOWED VALUES
AcceptedCount		The number of Meter Reads accepted	Integer		
ActivityID		A unique reference number assigned to the batch.	Integer	10	

A.2 CSV Data Elements

The table below specifies the column designators for CSV data elements to be carried inside of some of aseXML transactions. Note, the order of CSV column designators is fixed and is as per definition of CSV files given by this document. All CSV data elements that convey time stamps represent them as Market Time, i.e. EST; no time zone information is required.

CSV COLUMN DESIGNATOR	GTPWG TABLE OF TRANSACTIONS ELEMENT NAME	DESCRIPTION	ATTRIBUTES/FORMAT	LENGTH/DECIMAL PLACES	ALLOWED VALUES
-----------------------	--	-------------	-------------------	-----------------------	----------------

Appendix C. Gas FRC Application Event Codes

CATEGORY (CODE RANGE)	CODE	DESCRIPTION	SEVERITY	INVOKING TRANSACTION
Internal (3400-3599)	3413	MIRN is already in provided status	Warning Error	GasMeterNotification/MeterFix
	3414	MIRN not a basic meter	Error	MIRNStatusUpdate
	3415	Current FRO same as Declared Host Retailer	Error	GasMeterNotification/MeterFix
	3416	NetworkId is not a valid NetworkId	Error	GasMeterNotification/MeterFix

Appendix D. GTPWG Table of Transactions Cross-Reference

The following table cross-references transactions defined in Ref.[**Error! Reference source not found.**] to the aseXML transactions that realise the former. At the same time, the following table indicates whether the transaction description is included in the current document (PBP2), should be included in the PBP3, is part of MIBB update or a manual process. "N/A" in this column indicates that the transaction is not applicable in the context of this document. The second last column in this table named "Section Reference" contains cross-references to the sections of this document, so that the user can jump straight to the description of the particular transaction. The very last column is a reference to Retail Market Procedures.

GTPWG TABLE OF TRANSACTIONS			ASEXML			
Txn No	Transaction Type	Comms Type	Transaction	PBP	Section Reference	Procedure Reference
39	Heating Value for the day	M2B	N/A	MIBB	N/A	
40	Monthly Synchronisation Transaction	B2M	CurrentRetailerConfirmationRequest	N/A	N/A	
40A	Response to Monthly Synchronisation Transaction	M2B	CurrentRetailerConfirmationResponse	N/A	N/A	

2 Acronyms and Abbreviations

TERM	MEANING
CATS	Customer Transfer and Administration Solution Customer Administration and Transfer Solution

4.3.2.6 NMISstandingDataResponse

<ul style="list-style-type: none"> TRANSACTION DEFINITION TABLE CROSS-REFERENCE 	<p>THIS INTERFACE REALISES THE FOLLOWING TRANSACTIONS FROM THE GPTWG TRANSACTION DEFINITION TABLE:</p> <ul style="list-style-type: none"> 281 – MIRN STANDING DATA 284 – MIRN ADDITIONAL DATA NOTE. THE NMIDISCOVERYRESPONSE TRANSACTION ALSO REALISES THESE GTPWG TRANSACTIONS WHEN THE REQUEST IS A NMIDISCOVERYREQUEST TRANSACTION.
<ul style="list-style-type: none"> Trigger 	<ul style="list-style-type: none"> Completion of processing of the NMISstandingDataRequest transaction.
<ul style="list-style-type: none"> Pre-conditions 	<ul style="list-style-type: none"> None
<ul style="list-style-type: none"> Post-conditions 	<ul style="list-style-type: none"> Retailer has the MIRN Standing Data, or a record of failure of processing of the NMISstandingDataRequest data and all errors detected.
<ul style="list-style-type: none"> Transaction acknowledgment specific event codes 	<ul style="list-style-type: none"> 3602

The NMISstandingDataResponse transaction provides the MIRN Standing Data to the requestor or advises of the failure of the processing of the issued NMISstandingDataRequest transaction. It also identifies whether any additional NMI Standing Data will be issued at a later time to the Retailer in a subsequent NMISstandingDataResponse.

Transaction Data Elements

TRANSACTION:		NMISTANDINGDATARESPONSE
Received From:		Distributor
Sent To:		Retailer
Data Element	Mandatory / Optional / Not Required	Usage
NMI	M	
Checksum	M	Implemented as an attribute of the NMI aseXML element
DistributionTariff	O	Required if meter is attached
TransmissionZone	M	
HeatingValueZone	M	
CustomerCharacterisation	O	Required if Basic Meter is attached.
CustomerClassificationCode	O	Mandatory in Victoria and Queensland, where provided by a Retailer
CustomerThersholdCode	O	Not required where CustomerClassificatioCode is "RES"
MIRNStatus	M	If "Commissioned" indicates that a meter is attached. If so meter data is to be provided.
MeterSerialNumber	O	Required if meter is attached
PressureCorrectionFactor	O	Required if meter is attached
MeterStatus	O	Required if meter is attached
SupplyPointCode	O	Required if meter is attached
Current/ ReadDate	O	Required if Basic Meter is attached.
NextScheduledReadDate	O	Required if Basic Meter is attached.
MeterReadFrequency	O	Required if Basic Meter is attached.
NextScheduledSpecialRead/ Preferred/ Date	O	Optional if Basic Meter is attached. Populated if there is a Special Read appointment booked against this MIRN.
CommunicationEquipmentPresent	O	Required if Interval Meter is attached.
ExcludedServicesCharges/	O	Only used for Interval meters.

TRANSACTION:		NMISTANDINGDATARESPONSE
Received From:		Distributor
Sent To:		Retailer
Data Element	Mandatory / Optional / Not Required	Usage
ChargeItem/ Category		This information may be provided in a subsequent NMIDiscoveryResponse message if the AdditionalDataToFollow element is set to "true".
ExcludedServicesCharges/ ChargeItem/ Amount	O	Only used for Interval meters. This information may be provided in a subsequent NMIDiscoveryResponse message if the AdditionalDataToFollow element is set to "true".
ExcludedServicesCharges/ ChargeItem/ ExpiryDate	O	Only used for Interval meters. This information may be provided in a subsequent NMIDiscoveryResponse message if the AdditionalDataToFollow element is set to "true".
Address	M	
AdditionalDataToFollow	M	
Event	M	Set to '0' if no errors or events to report. May be repeated any number of times.

A1. aseXML Data Elements

ASEXML ELEMENT NAME	GTPWG ELEMENT NAME	DESCRIPTION	ATTRIBUTES/FORMAT	LENGTH/ DECIMAL PLACES	ALLOWED VALUES
ConsumptionThresh oldCode	Consumption Threshold Code	In relation to a business customer, type of classification based on consumption thresholds, as per the NERL obligations	String	20	<p>“LOW” = business customer with consumption from 0GJ up to 399GJ</p> <p>“MED” = business customer with consumption from 400GJ up to 999GJ</p> <p>“HIGH” = business customer with consumption of 1000GJ or more.</p>
Event	Return Code	An element that may be returned with a transaction acknowledgement or a response transaction to identify errors encountered. Refer Ref [5]			<p>See Ref.[5] and Appendix C – Event Codes</p> <p>For child element “KeyInfo” the Format = String and the Length = 80 characters.</p>
JobCompletionCode 1	Job Completion Code 1	Code that represent the work undertaken by the Distributor.	String	Enum	See table of elements in Participant Build Pack 1
JobCompletionCode 2	Job Completion Code 2	Code that represent the work undertaken by the Distributor.	String	Enum	See table of elements in Participant Build Pack 1
JobCompletionCode 3	Job Completion Code 3	Code that represent the work undertaken by the Distributor.	String	Enum	See table of elements in Participant Build Pack 1

Note: This appendix doesn't exist. Furthermore, this section doesn't add any value as the FRC Hub T&C provides the key information on transactions per second. This should be deleted.

Appendix D. Table of Transactions Cross-Reference

TABLE OF TRANSACTIONS			ASEXML			
40	Monthly Synchronisation Transaction	B2M	CurrentRetailerConfirmationRequest	N/A	N/A	
40A	Response to Monthly Synchronisation Transaction	M2B	CurrentRetailerConfirmationResponse	N/A	N/A	

Extract - PARTICIPANT BUILD PACK 3 - System Architecture

5.2.4 Transaction Volumes

The Transaction Volumes tables in Appendix A. provide estimates of transaction volumes, in terms of both messages and bytes. Participants may make their own estimations using these figures, taking market share and participant type into account.

ATTACHMENT C (continue) –

PROPOSED RETAIL MARKET PROCEDURE (SA) CHANGES

Blue represents additions Red and strikeout represents deletions – Marked up changes

South Australia Specification Pack

FRC B2B System Interface Definitions

4.2.3.4. ServiceOrderRequest

Transaction:	ServiceOrderRequest	
Received From:	User	
Sent To:	Network Operator	
Data Element	Vic Mandatory / Optional / Not Required	Usage
CustomerCharacterisation	0	Required in SA for Service Connection Request and Meter Fix Connections (Job Enquiry Codes = "SCR") or "MFX" . Not Required in WA

Data Dictionary

aseXML Data Elements

aseXML Element Name	Element Name	Description	Attributes/Format	Length/Decimal Places	Allowed Values
Consumption <u>Customer</u> ThresholdCode	Consumption <u>Customer</u> Threshold Code	In relation to a business customer, type of classification based on consumption thresholds, as per the NERL obligation	String	20	"LOW" = Business Customer with consumption from 0GJ up to 999GJ "HIGH" = Business Customer with consumption of 1000GJ or more.

CSV Element Name	Element Name	Description	Attribute s/Format	Logical Length / Decimal Length	Allowed Values
Consumption <u>Customer</u> _Threshold_ Code	Consumption <u>Customer</u> Threshold Code	In relation to a business customer, type of classification is based on consumption thresholds, as per the NERL obligation.	String	20	"LOW" = Business Customer with consumption from 0GJ up to 999GJ "HIGH" = Business Customer with consumption of 1000GJ or more.

Extract from FRC B2M-B2B Hub System Specifications

2.6. Size of aseXML Documents

2.6.1. High Priority Transactions

None defined.

2.6.2. Medium Priority Transactions

All other non-CSV transactions will be sent as Medium Priority aseXML documents, except for those identified in the Low Priority Transactions section below.

It is recommended that these should not be larger than 50 KB in size.

2.6.3. Low Priority Transactions

All CSV transactions will be sent as Low Priority aseXML documents.

The following fully tagged XML transactions will be sent as Low Priority transactions:

- Special Read Response
- Meter Data Verification Response
- Service Order Response
- Amend Site Access Details

~~- Meter Data Response~~

Note: Deleting this makes the SA doc the same as VIC doc and the samples contained in both VIC and SA

These shall not be larger than 2 MB in size.

Extract – SPECIFICATION PACK – FRC B2M-B2B Hub System Architecture

~~5.2.4 Transaction Volumes~~

~~The Victorian Market Transaction Volumes tables in Appendix A, provide estimates of transaction volumes, in terms of both messages and bytes. Participants may make their own estimations for SA and WA using these figures, taking market share and participant type into account.~~

Appendix A ~~Transaction Volume Analysis~~ [Deleted]

This appendix is from the original FRC B2B System Architecture document for the Victorian market. It is supplied for SA and WA market participants for information purposes.

Totals	Messages	Bytes	Bytes
-Total per year - in and out of hub	30,720,096	102,322,590,000	
+25% for ebXML retries	38,400,120	127,903,237,500	+25% for protocol overhead 159,879,046,875
			-Total per month -13,323,253,906
-Total per year during business hours (8 hrs) assuming all non-batch occur in this period	30,678,560	97,675,420,000	
+25% for ebXML retries	38,348,200	122,094,275,000	+25% for protocol overhead 152,617,843,750
			-Total per month -12,718,153,646
-Total per year outside business hours assuming all batch occur in this period	41,536	4,647,170,000	
+25% for ebXML retries	51,920	5,808,962,500	+25% for protocol overhead 7,261,203,125
			-Total per month 605,100,260
-Total per second during business hours	4	14,131	
+25% for ebXML retries	5	17,664	+25% for protocol overhead 22,080
-Total per hour outside business hours	14	1,210,204	
+25% for ebXML retries	14	1,512,751	+25% for protocol overhead 1,890,938

B2B Single Transactions						
Transaction	No of msgs	Msg size	ebXML	Total size	Total no of bytes	Comment
Special Read Request - Non Cats	100,000	1,000	2,500	3,500	350,000,000	400 day x 240
Special Read Request - Cats	5,000	1,000	2,500	3,500	17,500,000	S/S
Special Read Response Initial	105,000	1,000	2,500	3,500	367,500,000	All above
Special Read Response No Access	10,000	2,000	2,500	4,500	45,000,000	10% as per S/S
Meter Read Input	120,000	2,000	2,500	4,500	540,000,000	S/S
Data Verify Request	25,000	2,000	2,500	4,500	112,500,000	S/S
Data Verify Response	25,000	2,500	2,500	5,000	125,000,000	Above
Account Creation	140,000	2,500	2,500	5,000	700,000,000	10% churn
History Request	5,000	1,000	2,500	3,500	17,500,000	7% error rate on churn of 10%. 50% of errors requiring retrospective transfer
History Response	5,000	2,500	2,500	5,000	25,000,000	Above
Service Order Request	100,000	5,500		5,500	550,000,000	S/S 30,000 Meter Fix, 5,000 Meter Change, 7,000 Meter removals, 30,000 New connections, 2,000 Disconnections, 15,000 General Service Orders. Allow 10% No access and resubmit.
Service Order Response Initial	100,000	5,500		5,500	350,000,000	Above
Service Order Response Close	100,000	5,500		5,500	550,000,000	Above, complete or no access
ServiceOrder Update	5,000	3,000	2,500	5,500	27,500,000	5% of above
Service Order Cancellation	5,000	3,000	2,500	5,500	27,500,000	5% of above
Site info change	40,000	2,000	2,500	4,500	180,000,000	S/S
NMI Discovery	260,000	1,000	2,500	3,500	910,000,000	S/S
NMI Response	260,000	3,000	2,500	5,500	1,430,000,000	S/S
NMI Additional Data	100	3,000	2,500	5,500	550,000	10% of total Interval meters
Meter Data Response	4,000	2,500	2,500	5,000	20,000,000	
Total transactions	1,414,100				6,345,550,000	
x2	2,828,200				12,691,100,000	
Transaction Ack	1,414,100	500	2,500	3,000	4,242,300,000	
x2	2,828,200				8,484,600,000	
Message Ack	2,828,200		2,500	2,500	7,070,500,000	
x4	5,656,400				14,141,000,000	
Total number of messages	5,656,400				17,658,350,000	
x2	11,312,800				35,316,700,000	

Delete this table

Interface Control Document (ICD)

10.9.16 Historical gate point data (~~PCI_HST~~ PCI-HST)

Data flow Definition

With the introduction of the STTM in the SA Market the field GAA will always contain 0.

The data estimation entity to notify participants about the historical injections and adjustment amount for gate points.

Physical Mapping

The data for this flow must be provided in an automated electronic file.

Physical Name	Optionality
GAS_DAY	1
GATE_POINT_ID	1
HISTORICAL_DAY	1
PI	1
GAA	1
PCI	1

Event Codes

Event Code Number
There are no event codes as the flow is outgoing flow.

Example

```
GAS_DAY,GATE_POINT_ID,HISTORICAL_DAY,PI,GAA,PCI  
2003-10-30,1101D,2003-10-30,250150,10,250160  
2003-10-30,1101D,2003-10-29,250,0,250  
2003-10-30,1101D,2003-10-28,23350,-10,23340
```

10.9.17 Historical user withdrawal data (~~UETW_HST~~ UETW-HST) (SA ONLY)

With the introduction of the STTM, the fields URAA and SSRA will always contain 0. In addition, the field for User Estimated Basic Withdrawals (UEBW) will be replaced by User Distributed Basic Withdrawals (UDBW) and User's Unaccounted For Gas (UUAFG) has been replaced by User's Actual Unaccounted For Gas (UAUAFG). (see clause 228 of the SA Retail Market Procedures for further details). User's Basic Withdrawals (UBW) is replaced by User's Distributed Basic Withdrawals (UDBW) (see clause 227B of the SA Retail Market Procedures for further details).

Data flow Definition

The data estimation entity to notify participants about the historical user withdrawal data for sub-network.

Physical Mapping

The data for this flow must be provided in an automated electronic file.

Physical Name	Optionality
GAS_DAY	1
USER_GBO_ID	1
SUB_NETWORK_ID	1
HISTORICAL_DAY	1
UETW	1
UIW	1
UEBW	1
UAUAFG	1
URAA	1
SSAR	1
UDBW	1

Event Codes

Event Code Number
There are no event codes as the flow is outgoing flow.

Example

GAS_DAY, USER_GBO_ID, SUB_NETWORK_ID, HISTORICAL_DAY, UETW, UIW, UEBW, UUAFG, URAA, SSAR, UDBW
 2003-10-30, USR1, 1101, 2003-10-30, 2100, 700, 1300, 100, 75, 0, 1050
 2003-10-30, USR1, 1101, 2003-10-29, 1900, 700, 1000, 100, 100, 0, 1000

ATTACHMENT C (continue) –

PROPOSED RETAIL MARKET PROCEDURE (QLD) CHANGES

Blue represents additions Red and strikethrough represents deletions – Marked up changes

Extract from Participant Build Pack 4: Queensland Specific Build Pack

4.1 Meter Fix Request (Ref No. 87)

For Queensland the following Transaction Data Elements applies rather than those as listed in section 4.2.2.1 of the B2B System Interface Definition (Participant Build Pack 3).

Transaction Data Elements

Transaction:		ServiceOrderRequest
Received From:		Retailer
Sent To:		Distributor
Data Element	Mandatory / Optional / Not Required	Usage
actionType	M	“New” for New Service Order “Cancel” for Service Order Cancellation Implemented as an attribute of the ServiceOrderRequest aseXML element.
NMI	O	See Spreadsheet Job Enquiry Codes to determine whether this element is required or not.
checksum	O	Required if NMI is populated. Implemented as an attribute of the NMI aseXML element
ServiceOrder/ Address	O	Required if NMI is not populated, otherwise Not Required Implemented in the aseXML "Address" structured format.
JobEnquiryCode	M	Used by Distributor to determine work requirement and priority
ServiceOrderNumber	M	Reference number generated by the Retailer
AccessDetails	O	Optional field that may be populated at CSR discretion
MelwayGridReference	O	Optional field that may be populated at CSR discretion

Transaction:		ServiceOrderRequest
Received From:		Retailer
Sent To:		Distributor
Data Element	Mandatory / Optional / Not Required	Usage
ContactDetail/ PersonName	O	Should be populated if available. Implemented in the aseXML "PersonName" structured format Not to be retained in any DB system.
ContactDetail/ PhoneNumber	O	Should be populated if available. Implemented in the aseXML "AustralianPhoneNumber" structured format. Not to be retained in any DB system
AppointmentDetail/ Preferred/ Date	M	
AppointmentDetail/ Preferred/ Time	O	Optional field for input of appointment time if applicable
SORDSpecialComments/CommentLine	O	Optional field that may be populated at the CSR discretion
CustomerCharacterisation	O	Required for Service Connection Request (Job Enquiry Code = "SCR")
LoadDetails/PerHour	O	Required where CustomerCharacterisation is a business customer (eg = "Metropolitan Business" or "Non Metropolitan Business" Business" or "Non Metropolitan Business") Service Connection Request (Job Enquiry Code = "SCR") Basic Meter Fix (Job Enquiry Code = "MFX")

Transaction:	ServiceOrderRequest	
Received From:	Retailer	
Sent To:	Distributor	
Data Element	Mandatory / Optional / Not Required	Usage
LoadDetails/PerAnnum	O	<p><u>Required where</u></p> <p><u>CustomerCharacterisation is a business customer (eg = "Metropolitan Business" or "Non Metropolitan Business") (optional where CustomerCharacterisation is a residential customer); Service Connection Request (Job Enquiry Code = "SCR")</u></p> <p><u>Basic Meter Fix (Job Enquiry Code = "MFX")</u></p> <p>Optional for:</p> <p>Basic Meter Change (Job Enquiry Code = "MCH")</p> <p>Service Upgrade (Job Enquiry Code = "USR")</p> <p>Meter Size Upgrade (Job Enquiry Code = "UMS")</p> <p>Otherwise Not Required</p>
MeterInletPressure	O	<p>Required for:</p> <p>Meter Fix (Job Enquiry Code = "MFX")</p> <p>Meter Size Upgrade (Job Enquiry Code = "UMS")</p> <p>Optional for:</p> <p>Service Upgrade (Job Enquiry Code = "USR")</p> <p>Meter Refix (Job Enquiry Code = "MRF")</p> <p>Service Connection Request = "SCR")</p> <p>Default to "1.1". If this element is populated to JobEnquiryCode of MRF then LoadDetails/PerHour must also be populated with value of 1.</p>
COCNumber	O	Required for VIC standard ("A" type) Meter Fix.

Transaction:	ServiceOrderRequest	
Received From:	Retailer	
Sent To:	Distributor	
Data Element	Mandatory / Optional / Not Required	Usage
PlumberLicenceNumber	O	Required for VIC standard ("A" type) Meter Fix and Required for Queensland. In Queensland, exclude initial character "L" if present.
StartWorkNoticeNumber	O	Required for all NSW Meter Fix and Victorian Complex ("B" type) Meter Fix. Not required for Queensland.
DateTimeCSRAccessedCustomerRecord	M	
DateTimeCSRProcessedTransaction	M	

