



# PROPOSED PROCEDURE CHANGE (PPC)

**Issue Number** Package 5 -2023 Retailer of Last Resorts changes (IN002/23, IN003/23, IN012/22, IN009/22, IN008/17 and IN008/20)

**Impacted Jurisdiction(s)** Victoria (VIC), Queensland (QLD), New South Wales/Australian Capital Territory (NSW/ACT) and South Australia (SA)

**Proponent** AEMO **Company** AEMO

**Proponent e-mail** [grcf@aemo.com.au](mailto:grcf@aemo.com.au) **Proponent phone #**

**Affected Gas Market(s)** • Retail **Date proposal sent to AEMO** Friday, 14 October 2022

**Short Issue Title** This package incorporates several non-controversial initiatives relating to the Gas Retail Market Retailer of Last Resort (RoLR) Procedures, Guidelines and processes. The intent of this proposal is to streamline, improve and better document the RoLR processes.

VERSION #	PRESENTED TO	DATE
1	GRCF	4 August 2023

## PROPOSED PROCEDURE CHANGE (PPC) – DETAILED REPORT SECTION

### 1. DESCRIPTION OF ISSUES

As a result of the Weston Energy gas Retailer of Last Resort (RoLR) event that occurred in late May 2022, a couple of non-material processing issues were identified by AEMO and Participants whereby alternate “work around” processes were deployed rather than the prescribed processes as set out in either the Retail Market Procedures (RMP) and/or in Technical Protocol (TP) documentation. Further, this event also identified issues with RoLR processes whereby the prescribed information didn’t include information that would help the incumbent Retailer (e.g. RoLR) setup the customer account record. The above issues were added to the Gas Retail Market Issue / Change register around the time of this RoLR event with a view of bundling them with other pre-existing non-controversial RoLR issues into a single consultation work package.

The PPC proposes amendments to processes and documentation related to the RoLR process that if approved, will largely resolve the issues mentioned above. Section 3 of this PPC contains further information about each of the above issues and a brief explanation of the specific changes. Attachment A of this PPC contains amendments for each of the proposed changes.

#### 1.1. Pre-consultation outcomes

At the Gas Retail Consultative Forum (GRCF) prioritisation session held in November 2022, participants supported AEMO’s proposal of bundling several Retailer of Last Resort improvements into a single consultation package (Package 5) to progress in 2023.

On the 18 July 2023, a Gas Market Issue (GMI) that provided details about six separate RoLR initiatives including drafting changes to the RMPs and Technical Protocols (TP) was tabled at the GRCF meeting. AEMO provided an overview of the six initiatives and informed participants that if no material issues were raised, the proposed changes described in this GMI will proceed to the formal consultation. The advice provided by participants to AEMO at that meeting was it was unlikely that any material issues would be raised, however the initiative that proposed improvements for decommissioned MIRNs without meters (IN012/22) would require a separate workshop to further discuss and agree any further additions.

Submissions on this GMI closed on the 20 July 2023. AGL, AGN, Alinta, Energy Australia, Multinet, Origin and Red/Lumo submitted feedback to the GMI. There was broad support for *IN003/23 – Add NSW/ACT clause 7.2.1 (b) to SA* and *IN008/20 – Changes to clauses 2.1.1.6 and 2.1.1.9 of SA/WA ICD*. Submissions were generally supportive for *IN008/17 – Include SA RoLR process flows*, although Red and Lumo raised a minor issue. Support for *IN009/22 – Delivery method for CSV transactions* was mixed, with Red and Lumo and AGN suggesting different approaches.

Regarding the initiatives:

##### *IN002/23 – Additional fields to T010*

- Stakeholder feedback was generally supportive, with specific feedback provided on individual fields by AGL, Origin, and Red and Lumo.
- AGL gave feedback to align fields with the reports generated in an Electricity RoLR event.

##### *IN012/22 – Decommissioned MIRNs without meters*

- In the GMI, AEMO proposed option A and option B as described in section 3 of this PPC, ‘Overview of Changes’.

- All participants except AGL and Multinet supported option A. Participants also noted that deregistering a MIRN when the service is not removed will not work in most situations. It may also raise some safety concerns.
- As noted at the July GRFC meeting a workshop would be held to further discuss and agree any further additions.

All issues raised in submissions have been responded to by AEMO in Attachment C.

## 1.2. Invitation to provide feedback. Scope of changes.

Anyone wishing to make a submission to first stage consultation are requested to use the response template provided in Attachment B. Submissions close COB 23 August 2023 and should be e-mailed to [grcf@aemo.com.au](mailto:grcf@aemo.com.au).

IMPORTANT: The scope of works is limited to the initiatives described above. The scope maybe expanded to pick up other minor typographical errors that are identified. A more thorough review of the other sections of the RMP or TPs is out of scope for this consultation.

## 2. REFERENCE DOCUMENTATION

- Retail Market Procedures (SA) Ver 20.0
- Participant Build Pack 1 – CSV Data Format Specification Ver 3.7
- FRC B2B System Interface Definitions Ver 5.0
- SA/WA Interface Control Document Ver 5.2
- Information Pack Usage Guideline Ver 8.5

## 3. OVERVIEW OF CHANGES

The proposals and their impacts are summarised in the table below, and detailed in the following sections:

ID	Title	Participant System Impact	Jurisdiction	Documentation Impact
IN002/23	Adding additional fields to the existing T1010 RoLR file.	Yes	East Coast	Participant Build Pack 1 – CSV Data Format Specification. FRC B2B System Interface Definition.
IN003/23	Add equivalent NSW-ACT RMPs (Clause 7.2.1 (b)) into the SA RMP for error corrections when a RoLR event occurs.	No	South Australia	RMP (SA).
IN012/22	ROLR T1005 transaction - Decommissioned MIRNs without Meters.	Yes	East Coast	Participant Build Pack 1 – CSV Data Format Specification.
IN009/22	CSV Data Format Specification T1000 Harmonisation.	No	East Coast	Participant Build Pack 1 - CSV Data Format Specification.
IN008/17	Include SA RoLR Process Flows.	No	South Australia	Information Pack Usage Guideline.
IN008/20	Section 2.1.17 of the ICD GBO-ID.	No	South Australia	Specification Pack. SA/WA Interface Control Document.

### 3.1. IN002/23 - Adding additional fields to the existing T1010 RoLR file.

The current T1010 report as prescribed in the relevant build-packs excludes key field information that helps the RoLR setup the customer account and be able to service the customer in an effective manner. For example, the report fields do not indicate the customer's hardship or life support status, which could lead to a potential non-compliance risk for the RoLR. This PPC proposes to support all fields required to appropriately serve the customer transferred to the RoLR so retailers do not have to source account creation information via the failed retailer administrators or via a request to the AER, ESV or the Distributor.

The proposal includes several new fields and making a number of fields 'Required'. The specific fields proposed to be added to the T1010 file are detailed in Attachment A.

### 3.2. IN003/23 - Add equivalent NSW-ACT RMP Clause 7.2.1 (b) into the SA RMP for error corrections when a RoLR event occurs.

The Weston RoLR event identified that there is not an equivalent clause in the SA RMP to the NSW/ACT RMP Clause 7.2.1 (b). This clause relates to error correction requests in respect of a delivery point involving the failed retailer.

The impact of this proposal is a clause to be added to the SA RMP, which is equivalent to Clause 7.2.1 (b) from the NSW/ACT RMP. This clause is to be added as Clause 7.2.1 (d) to the SA RMP.

### 3.3. IN012/22 - ROLR T1005 transaction - Decommissioned MIRNs without Meters.

The T1005 (Account Creation Notification (ACN)) is required to be sent by the Distributor informing the RoLR of the transfer of a MIRN provided to the Distributor in the INT603 or T980 file. The T1005 transaction requires mandatory data elements as listed below, however, in the scenario of a MIRN which does not have a meter installed, the below mandatory data elements are not able to be populated as no meter exists on the site on the date of the RoLR transfer:

- Meter\_Serial\_Number;
- Meter\_Type\_Size\_Code;
- Current\_Index\_Value;
- Current\_Read\_Date;
- Scheduled\_Reading\_Day\_Number.

Distributor's system is developed to ensure valid schema transactions are generated & received as specified in the Build Packs, therefore, they are not able to populate these mandatory data elements with a NULL value as they will fail outgoing validation rules and likely will fail the RoLR's incoming validation rules as well.

AEMO proposes the following options,

- A. Make the above fields 'Required' rather than 'Mandatory'.
- B. The transaction T1005 relates to decommissioned MIRNs. The status of a MIRN should be 'Deregistered' when the meter is removed. The MIRN in question will not be included in the T1005 transaction.

AEMO noted its preferred option was B.

### 3.4. IN009/22 – CSV Data Format Specification T1000 Harmonisation.

The RoLR provisions in sections 6.17, 6.18, 6.19 and 6.22 within the Participant Build Pack 1 - CSV Data Format Specification require distributors to send their files via CD rather than via other delivery methods for T1000, T1005, T1010 and T1050 transactions. The equivalent provisions for these transactions in the SA Specification Pack and the NSW/ACT PBP5 stipulates that "the method of data delivery will be via an agreed method between parties and not via the FRC hub".

AEMO proposes to update Participant Build Pack 1 – CSV Data Format Specification, clauses 6.17, 6.18, 6.19 and 6.22 to be harmonised with other jurisdictions' Technical Protocols.

### 3.5. IN008/17 - Include SA RoLR Process Flows.

AEMO notes that the RoLR process flows in NSW/ACT Participant Build Pack 5 are compatible with process flows developed during implementation of SA RoLR initiative (IN026/12). The 'Information Pack Usage Guideline' will be amended to indicate reference to NSW/ACT PBP5 – Process Flow Diagrams for SA RoLR process flows.

### 3.6. IN008/20 - Section 2.1.1.6 of the ICD GBO-ID.

AEMO notes that sections 2.1.1.6 and 2.1.1.9 of the Interface Control Document (ICD) to do with recording a participant as "suspended" is no longer fit for purpose. It is unclear what the phrase 'terms of the agreement' refer to with regards to suspending a GBO-ID, as AEMO would not be aware of any such agreement.

AEMO proposes to update these sections to action GBO-ID suspensions according to whether 'the person has been issued a suspension notice in accordance with rule 488 of the National Gas Rules (NGR)' rather than under the terms of an agreement.

See Attachment A for further information about these changes.

## 4. LIKELY IMPLEMENTATION REQUIREMENTS AND EFFECTS

As this PPC entails changes to participants' systems in addition to Procedures and Guidelines, it is expected that the impact of this change will be material.

#### IN002/23

The provision of the T1010 report is from the failed retailer to the RoLR at the time of a RoLR event. The retailers will need to amend their systems to enable them to provide customer information as per the updated Technical Protocol documents, in Attachment A when required at the time of a RoLR event.

#### IN003/23

Participants in SA will need to amend their business processes to receive and process *transfer error correction request*.

#### IN012/22

The Distributors and Retailers will need to amend their systems to generate or receive T1005 transaction with a null value for the following fields where they are not available due to non-existence of a meter,

- Meter\_Serial\_Number;
- Meter\_Type\_Size\_Code;
- Current\_Index\_Value;
- Current\_Read\_Date;
- Scheduled\_Reading\_Day\_Number.

IN009/22

Participants in Victoria and Queensland will need to agree to a method of delivery with each other for the T1000, T1005, T1010 and T1050 transactions.

IN008/17

No impact expected on SA participants.

IN008/20

No impact expected on AEMO or participants.

## 5. IMPACT OF ISSUE NOT PROCEEDING

Not making the amendments to the various Retail Market Procedures and Technical Protocol documents is likely to leave participants open to administrative non-compliances in this matter or force excessive data provisions.

## 6. OVERALL COSTS, BENEFITS, AND MAGNITUDE OF THE CHANGES

Based on the GMI feedback, participants have not indicated any substantial costs in making minor process or system changes where required.

Inclusion of the proposed Technical Protocol and Procedure changes will eliminate any consideration of an administrative non-compliance and allow participants to operate in an effective and efficient manner, which meets the Objectives of the NGR.

A fit for purpose T1010 report allows for improved accuracy, more timely account creation, and more consistent compliance.

The benefits are likely to be realised as follows:

- Increased consistency within the retail gas regulatory framework.
- More uniform documentation across all jurisdictions reduces the complexities normally associated with entering gas retail markets, particularly for those retailers wanting to operate in more than one jurisdiction.
- Replace legacy data exchanges methods such as transfer files via CD.
- Increased readability of documentation.
- Harmonisation of business processes across jurisdictions.
- Assist with smooth transition of customers from FRB to RoLR.

AEMO expects there will be negligible implementation costs since none of the changes proposed in this PPC require substantial process or system changes and considers this change to be non-substantial. If a participant believes that any of the proposed changes are material, this feedback needs to be included in the Attachment B response template.

## 7. CONSISTENCY WITH NATIONAL GAS RULES (NGR) AND NATIONAL GAS OBJECTIVE (NGO)

Regarding these changes, AEMO's preliminary assessment of the proposal's consistency with the NGR and NGO is:

Consistency with National Gas Law (NGL) and NGR	AEMO's view is that the proposed change is consistent with the NGL and NGR because the proposed changes improve operational practices and promotes consistency across the jurisdictions.
National Gas Objective	As outlined in Section 6, it is AEMO's view that this change harmonises and improve business processes across jurisdictions and is in the long-term interests of consumers as it will assist with smooth transition from FRB to the RoLR.
Any applicable access arrangements	AEMO's view is that the proposed change is not in conflict with existing Access Arrangements.

If any participant believes that any of the above AEMO views are contentious, this feedback needs to be included in the Attachment B response template.

## 8. SUPPORTING DOCUMENTATION

Attachment A Proposed Changes to Procedure and Technical Protocol.

Attachment B PPC Response Template.

## 9. PROPOSED TIMELINES

Subject to all necessary approvals, AEMO is targeting to implement this change by 1 May 2024.

In order to achieve this timeline, AEMO proposes the following key milestones:

- PPC issued 4 August 2023
- PPC feedback closes 23 August 2023
- IIR issued 6 September 2023
- IIR feedback closes 6 October 2023
- AEMO decision issued 27 Oct 2023
- Effective date of Procedures, and system update to be 1 May 2024 (to coincide with Package 3B effective date which may also include Package 3A)

## ATTACHMENT A – MARKED UP CHANGES (SEE SECTION 3)

Draft versions of the RMPs showing tracked changes between the current version and the proposed changes are attached separately to this document. Blue underline means addition and ~~red-strikeout~~ means delete. **Green** shaded refers to changes following GMI consultation.

### Retail Market Procedures (South Australia) (For IN003/23)

#### 7.2 RoLR Event

##### 7.2.1 Cancellation and acceleration of Customer transfers

Where a *RoLR event* has occurred, *AEMO* must:

- a) in relation to a *transfer request* that is lodged or *pending*, where *failed Retailer* is the *incoming User*, *cancel* the *transfer request* and deliver a notice of the withdrawal of the *transfer request* to the *current User*, the *incoming User* and the *Network Operator* for the *delivery point* to which the *transfer request* relates by the start of the *gas day* that commences on the *RoLR transfer date*;
- b) in relation to a *transfer request* that is lodged or *pending*, where the *failed Retailer* is the *current User* for the *delivery point* subject to the *transfer request*, and the *transfer request* is not a move in, accelerate the *transfer request* and deliver a *transfer confirmation* to the *incoming User*, the *User* and the *Network Operator* for the *delivery point* to which the *transfer request* relates before the start of the *gas day* that commences on the *RoLR transfer date*;
- c) in relation to a *transfer request* that is lodged or *pending*, where the *failed Retailer* is the *current User* for the *delivery point* subject to the *transfer request*, and the *transfer request* is a move in:
  - (i) if the *transfer day* is ten days or less after the *RoLR transfer date*, accelerate the *transfer request* and deliver a *transfer confirmation* to the *incoming User*, the *User* and the *Network Operator* for the *delivery point* to which the *transfer request* relates by the start of the *gas day* that commences on the *RoLR transfer date*; or
  - (ii) if the *transfer day* is more than ten days after the *RoLR transfer date*, allow the *transfer request* to be processed as normal and include the *MIRN* relating to that *transfer request* in *AEMO's metering database* update process described in clause 7.2.2
- d) in relation to any lodged error correction notice in respect of a delivery point involving a failed Retailer:
  - (i) where the failed Retailer submitted the error correction notice, cancel the error correction notice and deliver notice of that cancellation to the current User, the failed Retailer and the Network Operator for the delivery point by the start of the gas day that commences on the RoLR transfer date;
  - (ii) where the failed Retailer is the current User, accelerate the error correction notice and deliver notice that the error correction transaction has been completed to the User who submitted that request, the failed retailer and the Network Operator for the delivery point by the start of the gas day that commences on the RoLR transfer date.

**Participant Build Pack 1 – CSV Data Format Specification.**

6.17 MIRN Standing Data (T1000) (For IN009/22)

In order for the Retailer of Last Resort to manage the customer set up following a RoLR event, the DB is to provide to the Retailer of Last Resort the standing data details for MIRNs which the Retailer of Last Resort has become the FRO for during the RoLR event.

This will be based on the MIRNs provided to the DBs in the T980

The method of data delivery will be via [an agreed method between the parties and not via the FRC Hub](#) **to reduce reliance on data delivery.**

The method of data delivery will be via

The following file naming convention is to be used:  
VICGAS\_MIRNSTANDINGDATA\_OriginatorID\_RecipientID\_CCYYMMDDHHmmSS

6.18 Account Creation (T1005) (For IN009/22)

*(Note: the change from mandatory to required is option A. If option B is progressing, then no change to the table below)*

In order for the Retailer of Last Resort to manage the customer set up following a RoLR event, the DB is to provide to the Retailer of Last Resort the standing data details for MIRNs which the Retailer of Last Resort has become the FRO for during the RoLR event.

This will be based on the MIRNs provided to the DBs in the T980

The method of data delivery will be via [an agreed method between the parties and not via the FRC Hub](#).

TRANSACTION 1005 (FOR IN012/22)		
Heading/Column designator	Mandatory/Optional/ <a href="#">Required</a>	Comment
NMI	M	Must be present
NMI_Checksum	M	Must be present
Meter_Serial_Number	<a href="#">MR</a>	<a href="#">Required if meter is attached</a>
Meter_Type_Size_Code	<a href="#">MR</a>	<a href="#">Required if meter is attached</a>
Current_Index_Value	<a href="#">MR</a>	<a href="#">Required if meter is attached</a>
Current_Read_Date	<a href="#">MR</a>	<a href="#">Required if meter is attached</a>
Scheduled_Reading_Day_Number	<a href="#">MR</a>	<a href="#">Required if meter is attached</a>
Access_Details	O	Optional data that will be provided if available
Melway_Grid_Reference	O	Optional data that will be provided if available
Meter_Position	O	Optional data that will be provided if available

**Note: During a RoLR event, when there are MIRNs without meters assigned to the Retailer of Last Resort, the Distribution Network will provide appropriate details for the RoLR event to the Retailer of Last Resort.**

6.19 Customer and Site Details from FRB to RoLR (T1010) (For IN009/22)

In order to manage the 'transfer' and customer set up following a RoLR event, all non-Declared Host Retailers are to provide to the Retailer of Last Resort a list of MIRNS and associated details for which they are the FRO at the time of the RoLR event.

The trigger for this data delivery will be AEMO issues a Suspension Notice to the FRB.

The method of data delivery will be via [CP an agreed method between the parties and not via the FRC Hub](#) [redacted].

The following file naming convention is to be used:

VICGAS\_CUSTOMERSITEDetailsFRB\_OriginatorID\_RecipientID\_CCYYMMDDHHmmSS

TRANSACTION T1010 (FOR IN002/23)		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
NMI	M	Must be present
NMI_Checksum	M	Must be present
Person_Name_Title	<u>OR</u>	Contains customer's title
Person_Name_Given	<u>OR</u>	Contains customer's first name
Person_Name_Family	<u>OR</u>	Contains customer's surname if Business-Name is not populated
Business_Name	<u>OR</u>	Contains company or business name, required if Person_Name_Family is not populated
<u>Business ABN</u>	<u>R</u>	<u>Populate with ABN if customer is a Business</u>
<u>Average Daily Load</u>	<u>M</u>	<u>Provide the average daily load in Mj</u>
<span style="background-color: yellow;">[redacted]</span> <u>not added as currently provided as Authorized_site_mdq in the transaction INT604</u>	<u>R</u>	<u>Contains the Maximum Daily Quantity for large customers</u>

TRANSACTION T1010 (FOR IN002/23)		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
Building_OrProperty_Name_1	<del>O</del> R	Defines the building or Property name as per the Australian Standard AS4590
Building_OrProperty_Name_2	<del>O</del> R	Defines the building or Property name as per the Australian Standard AS4590
ContactDetail_PersonName	<del>O</del> R	Contains contact's mailing name or company name
Flat_Or_Unit_Type	<del>O</del> R	
Flat_Or_Unit_Number	<del>O</del> R	
Floor_Or_Level_Type	<del>O</del> R	
Floor_Or_Level_Number	<del>O</del> R	
Location_Description	<del>O</del> R	
House_Number_1	<del>O</del> R	
House_Number_2	<del>O</del> R	
House_Number_Suffix_1	<del>O</del> R	
House_Number_Suffix_2	<del>O</del> R	
Lot_Number	<del>O</del> R	
Street_Name_1	M	
Street_Name_2	<del>O</del> R	

TRANSACTION T1010 (FOR IN002/23)		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
Street_Type_1	<u>OR</u>	
Street_Type_2	<u>OR</u>	
Street_Suffix_1	<u>OR</u>	
Street_Suffix_2	<u>OR</u>	
Site_Address_City	M	
Site_Address_State	M	
Site_Address_Postcode	M	
Mail_Address_Line_1	<u>OR</u>	Contains formatted postal address details
Mail_Address_Line_2	<u>OR</u>	Contains formatted postal address details
Mail_Address_Line_3	<u>OR</u>	Contains formatted postal address details
Suburb_Or_Place_Or_Locality	<u>OR</u>	Contains formatted postal address details
State_Or_Territory	<u>OR</u>	Contains formatted postal address details
Postcode	<u>OR</u>	Contains formatted postal address details
ContactDetail_PhoneNumber_1	<u>OR</u>	Contains contact's primary phone number
ContactDetail_PhoneNumber_2	<u>OR</u>	Contains contact's secondary phone number

TRANSACTION T1010 (FOR IN002/23)		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
<a href="#">Email Address</a>	<u>O</u>	<a href="#">Contains email address</a>
<a href="#">Sensitive Load</a>	<u>M</u>	<a href="#">Allowable Codes:</a> <a href="#">Life Support</a> <a href="#">Sensitive Load</a> <a href="#">None</a>
<a href="#">Rate_Codes</a>	<u>R</u>	
Rebate_Code	<u>O</u>	Allowed Codes: Pension Card Health Care Card Health Benefits Card Veterans Affairs Card
Pensioner_Or_HealthCare_CardNumber	<u>OR</u>	10 –string - Nine Numeric and one alpha unique identifier as issued by the Dept. of Social Security or Veterans' Affairs
From_Date	<u>OR</u>	Effective date at which the card is valid
To_Date	<u>OR</u>	Date at which the card expires
<a href="#">Hardship</a>	<u>M</u>	<a href="#">Allowable values</a> <a href="#">Yes</a> <a href="#">No</a>

TRANSACTION T1010 (FOR IN002/23)		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
<u>Document Type</u> <u>Document Status</u> <u>Document Date</u> <u>Document ID</u> <u>Document Ref</u>	<u>M</u>	<u>Allowable values</u>  <u>Yes</u>  <u>No</u>
Date_Of_Birth	<u>OR</u>	Customer's date of Birth
Customer_Identification	<u>OR</u>	Contains Customer's Driver's license
RoLR	M	Declared Host Retailer

6.22 List of Cancelled Service Orders (T1050) (For IN009/22)

This data can be delivered via ~~CD or~~ e-mail or an agreed method between the parties and not via the FRC Hub ~~or an agreed method between the parties and not via the FRC Hub~~. If delivery is via e-mail then the formats described in Participants Build Pack 1 (CSV Data Format Specification) is to apply. Below is an example if Envestra is sending the file:

*E-mail address:*

*Subject Line:*

"VICGAS\_SERVICE\_ORDERS\_INFLIGHT\_ENVESTRA\_20080730131500"

*CSV Attachment:*

*Header (note: to be included in first row):*

**7. DATA DICTIONARY (FOR IN002/23)**

CSV DATA ELEMENT NAME	ATTRIBUTE / FORMAT	LENGTH / DECIMAL PLACES	ALLOWED VALUES / COMMENTS
Adjustment_Reason_Code	String	2	"UR" = Under Read "OR" = Over Read "UE" = Under Estimated "OE" = Over Estimated

CSV DATA ELEMENT NAME	ATTRIBUTE / FORMAT	LENGTH / DECIMAL PLACES	ALLOWED VALUES / COMMENTS
			"NC" = No Change
<a href="#">Average_Daily_Load</a>	<a href="#">Numeric</a>	<a href="#">11.0</a>	<a href="#">Average Daily Load in Mj</a>
Average_Heating_Value	Numeric	4,2	
Begin_Date	Date	10	ccyy-MM-dd
Building_OrProperty_Name_1	Char	36	Free text. There is a total 36 characters available for both name_1 and name_2, not 36 chars each.
Building_OrProperty_Name_2	Char	36	Free text. There is a total 36 characters available for both name_1 and name_2, not 36 chars each.
<a href="#">Business_ABN</a>	<a href="#">Numeric</a>	<a href="#">11</a>	<a href="#">ABN without any spaces</a>
Business_Name	String	60	
Capacity	String	4	In cubic meters
Capacity_Group	String	2	"10" = up to and including 6cm "20" = 7cm to 49cm "30" = 50cm and above "40" = Prepaid meters 50 = Hot Water
Consumed_Energy	Numeric	11,0	In megajoules
ContactDetail_PersonName	String	60	
ContactDetail_PhoneNumber_1	String	15	
ContactDetail_PhoneNumber_2	String	15	
Current_Index_Value	Numeric	7,0	
Current_Read_Date	Date	10	ccyy-MM-dd
Customer_Identification	Char	12	Any valid driver's license number.
Customer_Classification_Code	Alpha	20	RES = Residential BUS = Business
Customer_Threshold_Code	Alpha	20	"LOW" = Business Customer Consumption 0 – 399 GJ "MED" = Business Customer Consumption 400 – 999 GJ

CSV DATA ELEMENT NAME	ATTRIBUTE / FORMAT	LENGTH / DECIMAL PLACES	ALLOWED VALUES / COMMENTS
			"HIGH" = Business Customer Consumption more than 1000GJ
Date_Of_Birth	Date	8	ccyy-MM-dd
Date_of_Future_Read_N	Date	10	ccyy-MM-dd Note, suffix "N" must be replaced with the future date ordinal
Date_Updated	Date	10	ccyy-MM-dd
Distribution_Tariff	String	1	"V" = Volume "D" = Demand
Duration_of_Outage	Numeric	2,0	
<a href="#">Email_Address</a>	<a href="#">Char</a>	<a href="#">100</a>	
End_Date	Date	10	ccyy-MM-dd
Energy_Calculation_Date_Stamp	Date	10	ccyy-MM-dd
Energy_Calculation_Time_Stamp	Time	8	hh:mm:ss
Estimation_Substitution_Reason_Code	String	2	"01" = Meter Removed "02" = Meter Obstructed "03" = Dirty Dial "04" = Can't Locate Meter "05" = Gate Locked "06" = Savage Dog "07" = Meter Changed "08" = Refused Access "09" = Locked & No Answer "00" = Other "10" = Delayed Read "11" = Adjustment Read "12" = Damaged Meter "13" = Dial out of Alignment "14" = Key Required "15" = Access Overgrown "16" = Hi/Low Failure "17" = Meter Capacity Failure
Estimation_Substitution_Type	String	2	"E1" = Estimation method 1 "E2" = Estimation method 2

CSV DATA ELEMENT NAME	ATTRIBUTE / FORMAT	LENGTH / DECIMAL PLACES	ALLOWED VALUES / COMMENTS
			"E3" = RB/DB agreed value "S1" = Substitution method 1 "S2" = Substitution method 2 "S3" = RB/DB agreed substituted value
Fro_Id	Integer		Defined in MIBB report documentation
Fro_Name	String	40	Defined in MIBB report documentation
From_Date	Date	8	ccyy-MM-dd
Full_History_Required	String	1	"Y" = Yes "N" = No
Gas_Meter_Number	String	12	
Gas_Meter_Units	String	1	"I" = Imperial "M" = Metric
<a href="#">Hardship</a>	<a href="#">String</a>	<a href="#">1</a>	<a href="#">"Y" = Yes</a> <a href="#">"N" = No</a>
Heating_Value_Zone	String	3	
Hi_Low_Failure	String	1	"Y" = Yes "N" = No
High_Meter_Range	String	12	
Low_Meter_Range	String	12	
Mail_Address_Line_1	String	80	
Mail_Address_Line_2	String	80	
Mail_Address_Line_3	String	80	
<b>Not added as currently provided as Authorized_site_mdq in the transaction INT604</b>	<a href="#">Numeric</a>	<a href="#">11.0</a>	<a href="#">Maximum Daily Quantity for large customers</a>
Meter_Attachments	String	3	"HEX" = hexagram (hard wired remote meter reading system). "DIA" = dialog attachment for remote meter reading.

CSV DATA ELEMENT NAME	ATTRIBUTE / FORMAT	LENGTH / DECIMAL PLACES	ALLOWED VALUES / COMMENTS
			"RAD" =radio remote meter reading attachment. "SMC" =smart card prepayment meter attachment. "TEL" = telemetry attachment for remote meter reading
Meter_Capacity_Failure	String	1	"Y" = Yes "N" = No
Meter_Description	String	14	
Meter_Read_Frequency	String	1	"B" = Bi-Monthly "M" = Monthly "Q" = Quarterly Q = Quarterly
Meter_Status	String	10	"Turned on" "Turned off" "Plugged" = Meter is disconnected "No meter"
Meter_Type_Size_Code	String	3	
Metric_Imperial_Indicator	String	1	"I" = Imperial "M" = Metric
Movement_Type	String	2	"MI" = Move In "MO" = Move Out "UP" = Update
Next_Scheduled_Read_Date	Date	10	ccyy-MM-dd
NMI	String	10	
NMI_Checksum	Integer	1	
Number_of_Meter_Dials	String	2	
<a href="#">Personnel_Employment_Status</a>	<a href="#">String</a>	<a href="#">1</a>	<a href="#">"Y" = Yes</a> <a href="#">"N" = No</a>
Pensioner_Or_HealthCare_CardNumber	Char	15	Number conforms to DSS or DVA pensioner number formats.
Person_Name_Family	String	40	

CSV DATA ELEMENT NAME	ATTRIBUTE / FORMAT	LENGTH / DECIMAL PLACES	ALLOWED VALUES / COMMENTS
Person_Name_Given	String	40	
Person_Name_Title	String	12	
Planned_Outage_Commencement_Date	Date	10	ccyy-MM-dd
Planned_Outage_Commencement_Time	Time	8	hh:mm:ss
Pressure_Correction_Factor	Numeric	6,4	
Previous_Index_Value	Numeric	7,0	
Previous_Read_Date	Date	10	ccyy-MM-dd
Proposed_Meter_Change_End_Date	Date	10	ccyy-MM-dd
Proposed_Meter_Change_Start_Date	Date	10	ccyy-MM-dd
RB_Reference_Number	String	10	
Reading_Day_Change_Effective_Date	Date	10	ccyy-MM-dd
Reason_for_Read	String	3	"SRF" = Special Final Read, "SRR" = Special Reference Read, "SRA" = Special Account Investigation, "SRD" = Special Disconnection "SRT" = Special Transfer Read "SCH" = Schedule Cycle Read "INI" = Meter Installation Read "REM" = Meter Remove "OSO" = Other Service Order "MDV" = Meter Data Verify (residual)
Rebate_Code	Char	4	Stored as the charge-origin code as part of a Charge record within Debtors. The 4 characters are

CSV DATA ELEMENT NAME	ATTRIBUTE / FORMAT	LENGTH / DECIMAL PLACES	ALLOWED VALUES / COMMENTS
			broken into a 3 char code followed by a 1 char suffix code.
Rel_From_Date	Date		Defined in MIBB report documentation
Scheduled_Reading_Day_Number	String	2	
<a href="#">Sensitive_Load</a>	<a href="#">String</a>	<a href="#">Enum</a>	<a href="#">"L" = Life Support</a> <a href="#">"S" = Sensitive Load</a> <a href="#">"N" = None</a>
Sensitive_Load_Flag	String	1	"Y" = Yes "N" = No
Service_Order_Request	Char	10	"SDR" – Service Disconnection Request "MRM" – Meter Removal or both
<a href="#">Site_Address_City</a>	<a href="#">Char</a>	<a href="#">200</a>	
Site_Address			Standard Form
Site_Address_City	Char	29	Free text.
Site_Address_Postcode	String	4	
Site_Address_State	Char	3	State abbreviation eg. SA, VIC, NSW, etc.
Standing_Data_Effective_Date	Date	10	ccyy-MM-dd
Street_ID	String	4	Refer to aseXML for allowed values
Street_Name	String	30	
Street_Suffix	String	2	Refer to aseXML for allowed values
Suburb_Or_Place_Or_Locality	String	46	
To_Date	Date	8	ccyy-MM-dd
Transmission_Zone	Numeric	2,0	
Type_of_Read	String	1	"A" = Actual, "E" = Estimated "S" = Substituted

CSV DATA ELEMENT NAME	ATTRIBUTE / FORMAT	LENGTH / DECIMAL PLACES	ALLOWED VALUES / COMMENTS
			"C" = Customer Own Read.
Volume_Flow	Numeric	11,2	Cubic Metres

### FRC B2B System Interface Definitions (For IN002/23)

#### 4 MIRN Standing Data (T1010)

In order to manage the 'transfer' and customer set up following a RoLR event, the failed retailer is to provide to the designated RoLR(s) a list of MIRNS and associated details for which they are the current user at the time of the RoLR event. Failed Retailer is to provide this in the CSV format outlined below.

The trigger for this data delivery will be the AER RoLR Notice.

The method of data delivery will be via an agreed method between parties and not via the FRC hub [to reduce reliance on data delivery](#).

The following file naming convention is to be used:

SAGAS\_CUSTOMERSITEDetailsFRB\_OriginatorID\_RecipientID\_CCYYMMDDHHmmSS

TRANSACTION 1010		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
NMI	M	Must be present
NMI_Checksum	M	Must be present
Person_Name_Title	<u>OR</u>	Contains customer's title
Person_Name_Given	<u>OR</u>	Contains customer's first name
Person_Name_Family	<u>OR</u>	Contains customer's surname if Business-Name is not populated
Business_Name	<u>OR</u>	Contains company or business name, required if Person_Name_Family is not populated
<u>Business_ABN</u>	<u>R</u>	<u>Populate with ABN if customer is a Business</u>
<u>Average Daily Load</u>	<u>M</u>	<u>Provide the average daily load in Mj</u>

TRANSACTION 1010		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
not added as currently provided as Authorized_site_mdq in the transaction (NT604)	<u>R</u>	<a href="#">Contains the Maximum Daily Quantity for large customers</a>
Building_OrProperty_Name_1	<u>OR</u>	Defines the building or Property name as per the Australian Standard AS4590
Building_OrProperty_Name_2	<u>OR</u>	Defines the building or Property name as per the Australian Standard AS4590
ContactDetail_PersonName	<u>OR</u>	Contains contact's mailing name or company name
Flat_Or_Unit_Type	<u>OR</u>	
Flat_Or_Unit_Number	<u>OR</u>	
Floor_Or_Level_Type	<u>OR</u>	
Floor_Or_Level_Number	<u>OR</u>	
Location_Description	<u>OR</u>	
House_Number_1	<u>OR</u>	
House_Number_2	<u>OR</u>	
House_Number_Suffix_1	<u>OR</u>	
House_Number_Suffix_2	<u>OR</u>	
Lot_Number	<u>OR</u>	

TRANSACTION 1010		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
Street_Name_1	M	
Street_Name_2	<del>O</del> <u>R</u>	
Street_Type_1	<del>O</del> <u>R</u>	
Street_Type_2	<del>O</del> <u>R</u>	
Street_Suffix_1	<del>O</del> <u>R</u>	
Street_Suffix_2	<del>O</del> <u>R</u>	
Site_Address_City	M	
Site_Address_State	M	
Site_Address_Postcode	M	
Mail_Address_Line_1	<del>O</del> <u>R</u>	Contains formatted postal address details
Mail_Address_Line_2	<del>O</del> <u>R</u>	Contains formatted postal address details
Mail_Address_Line_3	<del>O</del> <u>R</u>	Contains formatted postal address details
Suburb_Or_Place_Or_Locality	<del>O</del> <u>R</u>	Contains formatted postal address details
State_Or_Territory	<del>O</del> <u>R</u>	Contains formatted postal address details
Postcode	<del>O</del> <u>R</u>	Contains formatted postal address details

TRANSACTION 1010		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
ContactDetail_PhoneNumber_1	<u>OR</u>	Contains contact's primary phone number
ContactDetail_PhoneNumber_2	<u>OR</u>	Contains contact's secondary phone number
<u>Email Address</u>	<u>O</u>	<u>Contains email address</u>
<u>Sensitive Load</u>	<u>M</u>	<u>Allowable Codes:</u> <u>Life Support</u> <u>Sensitive Load</u> <u>None</u>
<u>Rate Access Details - already exists in Access Details</u>	<u>R</u>	
Rebate_Code	<u>O</u>	Nil
Pensioner_Or_HealthCare_CardNumber	<u>OR</u>	10 –string - Nine Numeric and one alpha unique identifier as issued by the Dept. of Social Security or Veterans' Affairs
From_Date	<u>OR</u>	Effective date at which the card is valid
To_Date	<u>OR</u>	Date at which the card expires
<u>Hardship</u>	<u>M</u>	<u>Allowable values</u> <u>Yes</u> <u>No</u>

TRANSACTION 1010		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
<b>Account_Creation_OriginatorID_RecipientID_CCYYMMDDHHmmSS</b>	<u>M</u>	<u>Allowable values</u>  <u>Yes</u>  <u>No</u>
Date_Of_Birth	<u>OR</u>	Customer's date of Birth
Customer_Identification	<u>OR</u>	Contains Customer's Driver's license
RoLR	M	Declared Host Retailer

**5 Account Creation (T1005)**

In order for the designated RoLR(s) to manage the customer set up following a RoLR event, the network operator is to provide to the designated RoLR(s) the standing data details for MIRNs which the designated RoLR(s) has become the current user for during the RoLR event. Network Operator provide this in the CSV format outlined below.

This will be based on the MIRNs provided to the network operator in the T980.

The method of data delivery will be via an agreed method between parties and not via the FRC hub **to reduce delays in data delivery**.

The following file naming convention is to be used:

SAGAS\_ACCOUNTCREATION\_OriginatorID\_RecipientID\_CCYYMMDDHHmmSS

TRANSACTION 1005 (FOR IN012/22)		
Heading/Column designator	Mandatory/Optional/ <u>Required</u>	Comment
NMI	M	Must be present
NMI_Checksum	M	Must be present
Meter_Serial_Number	<del>M</del> <u>R</u>	<u>Required if meter is attached</u>
Meter_Type_Size_Code	<del>M</del> <u>R</u>	<u>Required if meter is attached</u>
Current_Index_Value	<del>M</del> <u>R</u>	<u>Required if meter is attached</u>
Current_Read_Date	<del>M</del> <u>R</u>	<u>Required if meter is attached</u>
Scheduled_Reading_Day_Number	<del>M</del> <u>R</u>	<u>Required if meter is attached</u>
Access_Details	O	Optional data that will be provided if available
Melway_Grid_Reference	O	Optional data that will be provided if available
Meter_Position	O	Optional data that will be provided if available

Note: During a ROLR event, where there are MIPNC without meters assumed in the failed retailer, the Distribution Business will have with the ROLR to provide appropriate details for the ROLR to take responsibility for these MIPNC.



## Appendix A Data Dictionary

### CSV Data Elements (For IN002/23)<sup>2</sup>

The table below specifies the column designators for CSV data elements that are 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. In general, date/time and time elements in the body of CSV B2B transactions will be expressed with a Time Zone Designator (TZD). The time zone selected will be at the discretion of the sending party. The 'Planned Outage Time' is always in local time without a Time Zone Designator.

CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Access_Details	Access Details		String	40	
Actual_Change_Date	Actual Transfer Date	Date on which the Customer Transfer is required	Date	10	ccyy-mm-dd
Actual_End_Date	Registration End Date	In relation to a transfer request which nominates a retrospective transfer date as the proposed transfer date.	Date	10	ccyy-mm-dd
Address_Change_Effective_Date	Address Change Effective Date	Date on which the Address information change is to commence	Date	10	ccyy-MM-dd
Adjustment_Indicator	Adjustment Indicator	Indicates the type of adjustment	String	1	"C" = Cancelled Transaction "R" = Rebilled Transaction "N" = New Transaction
Adjustment_Reason_Code	Adjustment Reason code	A code that the Network Operator provides to the User which identifies the reason for the revised reading	String	2	"UR" = Under Read "OR" = Over Read "UE" = Under Estimated "OE" = Over Estimated "NC" = No Change
After_Hours_Ind	After Hours Ind	Specifying whether the job occurred within normal or after hours.	String	1	"0" = Normal Hours "1" = After Hours "2" = Not Known
Agreed_Amount_GST_Excl	Agreed Amount GST Exclusive	The agreed amount (exclusive of GST) which reflects the outcome of the dispute resolution process. It may be a new amount or the original amount.	Numeric	11,2	



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CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Agreed_Amount_GST_Incl	Agreed Amount GST Inclusive	The agreed amount (inclusive of GST) which reflects the outcome of the dispute resolution process. It may be a new amount or the original amount.	Numeric	11,2	
Agreed_GST_Amount	Agreed GST Amount	The agreed GST amount which reflects the outcome of the dispute resolution process. It may be a new amount or the original amount.	Numeric	11,2	
<a href="#">Average_Daily_Load</a>	<a href="#">Average Daily Load</a>	<a href="#">Average Daily Load in Mj</a>	<a href="#">Numeric</a>	<a href="#">11,0</a>	
Average_Heating_Value	Average Heating Value	Is the sum of the Daily Weighted Flow Heating Value divided by the number of days for the reading/billing.	Numeric	4,2	
Baseload	Base Load	Non weather sensitive Gas usage per day (MJ)	Numeric	9,1	
Begin_Date	Begin Date	Commencement date for an energy history request	Date	10	ccyy-MM-dd
Billing_Days	Billing Days	In relation to tariff "V" DUoS charges, the number of days in the bill period — calculated as the difference between the ReadFrom and ReadTo dates.	Numeric	3,0	
bl	Base Load	Non weather sensitive Gas usage per day (MJ)	Numeric	9,1	
Building_Or_Property_Name_1	Building Or Property Name (Address Elements)	Defines the building or property name as per Australian Standard AS4590	String	30	Note: Building_Or_Property_Name_2 is not used in WA.
Building_Or_Property_Name_2					
<a href="#">Business_ABN</a>	<a href="#">Business ABN</a>	<a href="#">Australian business number for the customer if applicable</a>	<a href="#">Numeric</a>	<a href="#">11</a>	<a href="#">ABN without any spaces</a>
Business_Name	Business Name	Contains company or business name, required if Person_Name_Family is not populated	String	60	
Capacity	Capacity		String	4	In cubic meters
Capacity_Group	Capacity Group		String	2	"10" = up to and including 6cm "20" = 7cm to 49cm "30" = 50cm and above "40" = Prepaid meters "50" = Hot Water
Change_Id	Change Request ID	Unique identifier assigned to each transfer request by CATS	Integer	10	1-9999999999



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Change_Reason_Code	Change Reason Code	Identifies the type of transfer request	String	4	0001 = Prospective transfer, in-situ 0002 = Prospective transfer, move in 0003 = Correction of Transfer
Change_Status	Change Status Code	Describes the status of a transfer request within CATS	String	4	"REQ" = Requested
Charge_TP	Charge TP (DUoS This Period)	In relation to tariff "D" DUoS charges, the charge for the period	Numeric	11,2	
Completion_Code	Completion Code	Type of completion	String	1	"0" = Incomplete "1" = Complete "2" = Partial
Communication_Equipment_Present	Communication Equipment Present		Alpha	1	"Y" = Communications Equipmement "N" = No
Consumed_Energy	Consumed Energy	Energy calculated (eg - Energy Flow)	Numeric	11,0	Megajoules
Consumption_GJ	Consumption (GJ)	In relation to tariff "D" DUoS charges, the actual GJ recorded by the data logger/meter and any substituted GJ	Numeric	11,3	
Consumption_MJ	Consumed Energy (Megajoules)	Energy calculated (eg - Energy Flow)	Numeric	11,0	
Consumption_HR1		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR2		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR3		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR4		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR5		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR6		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR7		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR8		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR9		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR10		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR11		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR12		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR13		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR14		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR15		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR16		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR17		Energy Consumption for the Hour	Numeric	10	In MJ



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Consumption_HR18		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR19		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR20		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR21		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR22		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR23		Energy Consumption for the Hour	Numeric	10	In MJ
Consumption_HR24		Energy Consumption for the Hour	Numeric	10	In MJ
Current_Index_Value	Current Index Value	Most recent validated meter index stored on the database.	Numeric	7,0	
Current_Read_Date	Current Read Date	The date on which the Current Index Value was read.	Date	10	ccyy-MM-dd For interval meters, Current_Read_Date is the date of the gas day to which the read applies
Customer_Identification	Customer Identification		Char	12	Any valid driver's license number
Customer_Characterisation	Customer Characterisation	In relation to a customer, whether the customer is metropolitan or non-metropolitan and business or residential.	String	2	"MB" = Metro Business "MR" = Metro Residential "NB" = Non Metro Business "NR" = Non Metro Residential
Customer_Classification_Code	Customer Classification Code	In relation to a customer, whether the customer is residential or business, as per the NERL obligation	String	20	"RES" = Residential Customer "BUS" = Business Customer
Customer_Threshold_Code	Customer 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.
Date_Of_Birth	Date Of Birth		Date	10	ccyy-MM-dd
DateServiceOrderCompleted	Date Service Request Completed	Date on which the Service requested was completed.	Date	10	ccyy-mm-dd
Daily_Heating_Value	Daily Heating Value		Numeric	5,3	
Date_of_Future_Read_N	Date of Future Read N		Date	10	ccyy-MM-dd Note, suffix "N" must be replaced with the future date ordinal
Delivery_Point_Identifier	Site Address DPID	Defines the delivery point identifier as per Australian Standard AS4590	String	8	



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Disputed_Amount_GST_Excl	Disputed Amount GST Exclusive	The Disputed_Amount_GST_Excl is the amount of the original transaction. (NetworkDUoSBillingNotification)	Numeric	11,2	
Disputed_Amount_GST_Incl	Disputed Amount GST Inclusive	The Disputed_Amount_GST_Incl is the amount of the original transaction. (NetworkDUoSBillingNotification)	Numeric	11,2	
Disputed_GST_Amount	Disputed GST Amount	The Disputed_GST_Amount is the amount of the original transaction. (NetworkDUoSBillingNotification)	Numeric	11,2	



Dispute_Reason_Code	Dispute Reason Code	Applicable Dispute Reason Code	String	4	<p>“NNMI” = MIRN not known to User (i.e. User does not supply customer).                      “BPDF” = Billing Period Different                      “FC1” = Fixed Charge item 1 different (WA only)                      “FC2” = Fixed Charge item 2 different (WA only)                      “FC3” = Fixed Charge item 3 different (WA only)                      “FC4” = Fixed Charge item 4 different (WA only)                      “VC1” = Variable Charge item 1 different (WA only)                      “VC2” = Variable Charge item 2 different (WA only)                      “VC3” = Variable Charge item 3 different (WA only)                      “VC4” = Variable Charge item 4 different (WA only)                      “LRTB” = User has lost customer to another User before the invoiced period.                      “LRTD” = User lost customer to another User during the invoiced period (therefore need to apportion network charge between old and new User).                      “NDFG” = Network tariff different – generic                      “NDFO” = Network tariff charge different – Off Peak                      “NFP” = Network tariff charge different – Peak                      “QDFG” = Consumption different – generic                      “DUPL” = Duplicate charge (bill period)                      “ESDF” = Excluded service charge different                      “ESDP” = Excluded service code disputed (Excluded Service Code does not match SO type)                      “OTHR” = Other charge                      “BDDF” = Bill days different                      “FCDF” = Fixed charge different                      “TOTD” = Total charge different</p>



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
					"MDQ" = MDQ is different "MHQY" = Actual MHQ this year different "MHQT" = Actual MHQ this period different "MHQE" = Expected MHQ this year different "RDFG" = Rate is different "URSO" = Unknown User Service Order (User does not believe this amount should be charged at all)
Dispute_Comment	Dispute Reason Comment, Dispute_Resolution Comment	Free text field to provide additional explanation for the dispute.	String	240	
Distributor_ID	Distributor Id	Code identifying a Network Operator	String	10	The GBO ID of the Network Operator. Note, only codes identifying Network Operators can be used for this element.
Distribution_Tariff	Distribution Tariff	Part of the request for standing data from the Network Operator	String	Enum	See allowed enumerations in aseXML element.
Duration_Of_Outage	Duration of Outage	Approximate number of hours for the planned outage	Time	8	hh:mm:ss
<a href="#">Email Address</a>	<a href="#">Email Address</a>	<a href="#">Email address of the customer</a>	<a href="#">Char</a>	<a href="#">100</a>	
End_Date	End Date	End date for an energy history request	Date	10	ccyy-MM-dd
Energy_Calculation_Date_Stamp	Energy Calculation Date Stamp	The date in which the Network Operator calculated the energy	Date	10	ccyy-MM-dd
Energy_Calculation_Time_Stamp	Energy Calculation Time Stamp	The time in which the Network Operator calculated the energy	Time	8	hh:mm:ss



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Estimation_Substitution_Reason_Code	Estimation/Substitution Reason Code	Code that identifies why the Energy Flow was estimated/substituted	String	2	"01" = Meter Removed "02" = Meter Obstructed "03" = Dirty Dial "04" = Can't Locate Meter "05" = Gate Locked "06" = Savage Dog "07" = Meter Changed "08" = Refused Access "09" = Locked & No Answer "00" = Other "10" = Delayed Read "11" = Adjustment Read "12" = Damaged Meter "13" = Dial out of Alignment "14" = Key Required "15" = Access Overgrown "16" = Hi/Low Failure "17" = Meter Capacity Failure



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Estimation_Substitution_Type	Estimation/Substitution Type	Indicator identifying the type of estimation/substitution applied.	String	2	<p>"E1" = Estimation method 1            "E2" = Estimation method 2            "E3" = RB/DB agreed value            "S1" = Substitution method 1            "S2" = Substitution method 2            "S3" = RB/DB agreed substituted value</p> <p>In SA:            - "E1/S1" = Type 1 estimation/substitution method in the ESCOSA Metering Code (a calculation based on Same Time Last Year)            - "E2/S2" value for Estimation_Substitution_Type means Type 3 estimation/substitution method in the ESCOSA Metering Code (a calculation based on customer class)            - "E3/S3" value for Estimation_Substitution_Type means Type 4 estimation/substitution method in the ESCOSA Metering Code (a substitution method only and is a value agreed by RB and DB).</p>
Expected_MHQ	Expected MHQ	Victoria - In relation to tariff "D" DUoS charges, the highest Maximum Hour Quantity expected in the calendar year. In SA, this data element will contain the Contracted MDQ	Numeric	12,0 (SA is different from Vic (Vic - 9,4)	Megajoules
Excluded_Service_Charge	Excluded Service Charge (GST exclusive)	Calculated excluded service charge, excluding GST	Numeric	11,2	



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CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Excluded_Services_Charges_Charge_Item_Category	Excluded Services Charges Charge Item Category	Charge category of an excluded services	String	7	"Service" "Meter" "Logger" "O+M" "Mains" "Other"
Excluded_Services_Charges_Charge_Item_Amount	Excluded Services Charges Charge Item Amount	Excluded Services Charges that may apply in relation to a supply point and is part of the standing data request.	Numeric	9,2	
Excluded_Services_Charges_Charge_Item_Expiry_Date	Excluded Services Charges Charge Item Expiry Date	Date in which the Excluded Services Charges expires and is part of the standing data request	Date	10	ccyy-MM-dd
Excluded_Services_Code	Excluded Services Code	Based on each Network Operator's codes, used to indicate type of service.	String	10	
Fixed_Charge	Fixed Charge	In relation to tariff "V" DUoS charges, the daily fixed charge multiplied by the number of days in the billing period.	Numeric	11,2	
Fixed_Charge_1	Fixed Charge 1	In relation to tariff "H" Duos charges, the fixed charge used for <i>Standing Charges</i> . Exclusive of GST	Numeric	11,2	
Fixed_Charge_2	Fixed Charge 2	In relation to tariff "H" Duos charges, the fixed charge used for <i>User Specific Charges</i> . Exclusive of GST	Numeric	11,2	
Fixed_Charge_3	Fixed Charge 3	In relation to tariff "H" Duos charges, the fixed charge used for <i>Demand Charges</i> . Exclusive of GST	Numeric	11,2	
Fixed_Charge_4	Fixed Charge 4	In relation to tariff "H" Duos charges, the fixed charge used for <i>Other fixed charges</i> . Exclusive of GST	Numeric	11,2	
Flat_Or_Unit_Number	Flat Or Unit Number ( Address Elements)	Defines the flat or unit number as per Australian Standard AS4590	String	7	
Flat_Or_Unit_Type	Flat Or Unit Type ( Address Elements)	Defines the type of flat or unit as per Australian Standard AS4590	String	4	See aseXML data element address
Floor_Or_Level_Number	Floor Or Level Number ( Address Elements)	Defines the floor or level number as per Australian Standard AS4590	String	5	



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CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Floor_Or_Level_Type	Floor Or Level Type ( Address Elements)	Defines the floor or level type as per Australian Standard AS4590	String	2	See aseXML data element address
frb	Failed Retail Business	This is the failed retailer in a RoLR event	Varchar	10	
From_Date	From Date		Date	10	ccyy-MM-dd
Full_History_Required	Full History Required	In Energy History Request shows if the full history is required	String	1	"Y" = Yes "N" = No
Gas_Meter_Number	Gas Meter Number	Number located on the gas meter.	String	12	
Gas_Meter_Units	Gas Meter Units	Identifies the unit of measure that pertains to the gas meter	String	1	"I" = Imperial "M" = Metric
GST_Exclusive_Amount_Paid	GST_Exclusive_Amount_Paid	Amount paid (exclusive of GST)	Numeric	11,2	
GST_Inclusive_Amount_Paid	GST Inclusive Amount Paid	Amount paid (inclusive of GST)	Numeric	11,2	
GST_Amount	GST Amount	GST applicable to calculated excluded service charge or GST amount applicable to transaction	Numeric	11,2	
<a href="#">Hardship</a>	<a href="#">Hardship</a>	<a href="#">Hardship indicator</a>	<a href="#">String</a>	<a href="#">1</a>	<a href="#">"Y" = Yes</a> <a href="#">"N" = No</a>
Heating_Value_Zone	Heating Value Zone		String	3	
High_Meter_Range			String	12	
Hi_Low_Failure	Hi/Low Failure	A code that indicates whether the meter reader has input a meter reading that was outside the predetermined tolerance range	String	1	"Y" = Yes "N" = No
House_Number_1	House Number ( Address Elements)	Defines the house number as per Australian Standard AS4590	String	5	Note: House_Number_2 is not used in WA.
House_Number_2					
House_Number_Suffix_1	House Number Suffix ( Address Elements)	Defines the house number suffix as per Australian Standard AS4590	String	1	Note: House_Number_Suffix_2 is not used in WA.
House_Number_Suffix_2					
Invoice_Number	Invoice Number	Invoice number the line relates to.	String	20	
Job_Enquiry_Code	Job Enquiry Code		Alpha	4	
Last_Modified_Date_Time	N/A	A timestamp that may be used by an application to determine whether the supplied data is the latest information	DateTime	25	ccyy-MM-ddThh:mm:ss+hh:mm
Last_Read_Date	Last Read Date	Date to which a User has recorded energy on this supply point	Date	10	ccyy-MM-dd
Line_Description	Line Description	Line description that contains details of charge.	String	80	



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Local_Capacity_Expiry_Date	Local Capacity Expiry Date	Date that the Local Capacity Charge will expire is part of the standing data request	Date	10	ccyy-MM-dd
Location_Description	Location Descriptor ( Address Elements)	Defines the location descriptor as per Australian Standard AS4590. This is a catch all field for non-standard address information	String	30	
Lot_Number	Lot Number ( Address Elements)	Defines the lot number as per Australian Standard AS4590	String	6	
Low_Meter_Range			String	12	
Max_MHQTTP	Max MHQTP (This Period)	In relation to tariff "D" DUoS charges, the highest actual Maximum Hour Quantity recorded in this period (month).	Numeric	12,0(SA /WA is different from Vic (Vic - 9,4)	Megajoules/hr
Max_MHQTY	Max MHQTY (This Year)	In relation to tariff "D" DUoS charges, the highest actual Maximum Hour Quantity recorded for the year to date.	Numeric	12,0(SA /WA is different from Vic (Vic - 9,4)	Megajoules/hr
PPC not added as currently provided as Authorized_site_mdq in the transaction INT604	<a href="#">Maximum Daily Quantity</a>	<a href="#">Maximum Daily Quantity for large customers</a>	<a href="#">Numeric</a>	<a href="#">11,0</a>	
Melway_Grid_Reference	Melway Grid Reference		String	9	



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Meter_Attachments			String	3	"HEX" = hexagram (hard wired remote meter reading system). "DIA" = dialog attachment for remote meter reading. "RAD" =radio remote meter reading attachment. "SMC" =smart card prepayment meter attachment. "TEL" = telemetry attachment for remote meter reading
Meter_Capacity_Failure	Meter Capacity Failure	A code that indicates whether the reading was outside the predetermined tolerance range	String	1	"Y" = Yes "N" = No
Meter_Description			String	14	
Meter_Serial_Number	Meter Serial Number		String	20	
Meter_Position	Meter Position		String	40	
Meter_Read_Frequency	Meter Read Frequency	In the Annual Meter Reading Schedule indicates how frequently the meter is read	String	1	"B" = Bi-Monthly "M" = Monthly "Q" = Quarterly
Meter_Status	Meter Status	Field that confirms if a disconnection has taken place. Meter Disconnection by User notification to Network Operator.  For WA field that defines the status of the meter, effectively Turned on or describes method of disconnection.	String	10	"Turned on" "Turned off" "Plugged" "No meter" "Trailer AC" – This is not used in SA. "No Reg" – This is not used in SA.
Meter_Type_Size_Code	Meter_Type_Size_Code	Identifies type of meter	String	3	In WA: Digit 1 = Meter Type 'B' or 'I' Digit 2 = Index Type 'M' or 'I' Digit 3 = Number of Dials (1 to 7) In SA: Network Operator defined.
Metric_Imperial_Indicator			String	1	"I" = Imperial "M" = Metric



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
MIRN_Status	MIRN Status		Alpha	20	"Register" = upstand + no meter "Commissioned" = upstand + meter connected "Decommissioned" = upstand + meter disconnected/turned off "Deregistered" = all removed
Network_Id	Sub Network ID	Sub-network Id – Unique identification of a sub-network	Char	4	As defined in Appendix A.5 of the ICD.
Network_Tariff_Code	Network Tariff Code	A description of the Network's Tariff (as gazetted by the Regulator). Tariff may be for standing charges, demand, etc. In SA, mostly the same as Distribution_Tariff (aseXML element) – see allowed values. In WA, the 4 digit distribution tariff defined in the RMP with a 6 digit extension making the haulage charges specific for the MIRN	String	10	In SA: 1Demand 2Demand 3Demand 4Demand 5Demand 6Demand 7Demand 8Demand 9Demand 0Demand Commercial Volume Negotiated NegVolume (note this is equivalent to 'NegotiatedVolume' in the Distribution_Tariff aseXML element)  In SA, 'Negotiated' is used for both Negotiated Service charges and Term Sheet charges.
New_Fro	Party	Contains the initiator of the CATS change request, only when sent to the New User and the Network Operator	String	10	As defined in the GBO ID Table, as published on the AEMO website.
Next_Scheduled_Read_Date	Next Scheduled Read Date	According to the Meter Reading Schedule the next date on which the Meter is planned to be read.	Date	10	ccyy-MM-dd
Next_Scheduled_Special_Read_Date	Next Scheduled Read Date		Date	10	ccyy-MM-dd



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CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
NMI	MIRN	Meter Installation Registration Number. Unique number allocated by the Network Operator that identifies the Supply Point.	String	10	
NMI_Checksum	MIRN Checksum	Is a number calculated by an algorithm for validation purposes	Integer	1	
Number_of_Meter_Dials			String	2	
Old_Transaction_ID	Old Transaction ID	A reference to a previous transaction where the current transaction reverses an old transaction.	String	17	
Old_Invoice_Number	Old Invoice Number	A reference to a previous invoice for a reversal transaction.	String	20	
Paid_Date	Paid Date	Payment Date	Date	10	ccyy-MM-dd
Party	Party	A code that identifies who the current Retailer is in relation to the Distributors Meter Register	String	10	As defined in the GBO ID Table, as published on the AEMO website.
<a href="#">Payment Plan (Provisional Meter Register AGC to include this)</a>	<a href="#">Payment Plan</a>	<a href="#">Indicates if the customer is on a payment plan</a>	String	1	"Y" = Yes "N" = No
Peak_Rate	Peak Rate	The peak flow rate during the day (WA only)	Numeric	10	in MJ/h
Pensioner_Or_Healthcare_CardNumber	Pension Or Healthcare CardNumber		String	10	Numeric and one alpha unique identifier as issued by the Dept. of Social Security or Veterans' Affairs
Period	Period	Victoria - In relation to DUoS network charges, the month in which this charge has been raised SA/WA This is the period (month) to which the charges relate (the consumption period). If the consumption period covers more than one month, then the last month of that consumption period is entered.	String	6	ccyyMM
Planned_Outage_Commencement_Date	Planned Outage Commencement Date	In relation to an outage the date on which the outage is to occur.	Date	10	ccyy-MM-dd
Planned_Outage_Commencement_Time	Planned Outage Commencement Time	In relation to an outage the time on which the outage is scheduled to begin.	String	40	This can read time or time range e.g. business hours
Planned_Outage_Completion_Date	Planned Outage Completion Date	In relation to a planned outage the date on which the outage is to occur.	Date	10	ccyy-MM-dd



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Postcode	Site Address Postcode ( Address Elements)	Defines the postcode as per Australian Standard AS4590	String	4	
Pressure_Correction_Factor	Pressure Correction Factor	Pressure Correction Factor applied to calculate gas flow.	Numeric	6,4	
Previous_Index_Value	Previous Index Value	The reading prior to the current index value stored on the database.	Numeric	7,0	
Previous_Read_Date	Previous Read Date	The date on which the Previous Index Value was read.	Date	10	ccyy-MM-dd For interval meters, Previous_Read_Date is the date of the gas day prior to the day to which the read applies.
Proposed_Meter_Change_End_Date	Proposed Meter Change End Date	The end date the Network Operator may perform the Meter Change as part of the Time Expired Meter Change program.	Date		ccyy-MM-dd
Proposed_Meter_Change_Start_Date	Proposed Meter Change Start Date	The start date the Network Operator may perform the Meter Change as part of the Time Expired Meter Change program.	Date		ccyy-MM-dd
Quantity	Quantity	Number of charges (e.g. multiple truck visits)	Numeric	5,0	
Rate	Rate	The Rate of the Excluded Service Charge	Numeric	11,2	
RB_Reference_Number	RB Reference Number	A unique reference number assigned to individual work requests raised by the RB.	String	10	
RDM	RDM (Reading Days this month)	In relation to tariff "D" DUoS charges, the number of reading days in the period (month).	Numeric	3,0	
RDY	RDY (Reading Days in the Year)	In relation to tariff "D" DUoS, the number of reading days for the year (365 or 366).	Numeric	3,0	
Reading_Day_Change_Effective_Date	Reading Day Change Effective Date	The date in which the new Schedule is effective from	Date	10	ccyy-MM-dd



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Reason_for_Read	Meter Read Reason Code	What type of Special Read is to be performed.	String	3	"SRF" = Special Final Read, "SRR" = Special Reference Read, "SRA" = Special Account Investigation, "SRD" = Special Disconnection "SRT" = Special Transfer Read "SCH" = Schedule Cycle Read (For SA, used for Scheduled Read (MDN), "INI" = Meter Installation Read (For SA, used for JECs MFX, MCH, MCH, MRF and MMR) "REM" = Meter Remove (For SA, used for JECs in MRM and MCH) "OSO" = Other Service Order (For SA, all other Service Order types other than the above mentioned JECs) "MDV" = Meter Data Verify (residual) (For SA, only used for MeterDataVerify MDNs) For WA, details of usage of Reason_for_Read, see Job Enquiry Code matrix in the Information Pack.
Rebate_Code	Rebate Code		Char	4	Stored as the charge-origin code as part of a Charge record within Debtors. The 4 characters are broken into a 3 char code followed by a 1 char suffix code.
Resolution_Date	Date of Resolution	Date of dispute resolution	Date	10	ccyy-MM-dd
Role	Role	Role of a participant in the aseXML	String	4	Note: used for T1060, "USER" is the only acceptable value.
Role_Name_Accelerated_Transfers	Role_Name_Accelerated_Transfers list	Role of a participant in the CATS transfer request process	String	6	USER C" – Current User , USER N – New User,
RoLR	RoLR		Char	12	Default RoLR
RoLR_Date	RoLR Date		Date	10	e.g. yyyy-mm-dd : Date Designated RoLR became FRO
Scheduled_Reading_Day_Number	Scheduled Reading Day Number	In relation to a Meter Reading Route Schedule change the day number on which the meter will be read.	String	2	



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CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Service_Date	Service Date	The date the Excluded Service Charge occurred	Date	10	ccyy-MM-dd
<a href="#">Sensitive_Load</a>	<a href="#">Sensitive Load</a>	<a href="#">Sensitive load indicator for the customer</a>	<a href="#">String</a>	<a href="#">Enum</a>	"L" = Life Support "S" = Sensitive Load "N" = None
<a href="#">Site_Address_Details</a> (Currently working on this element)	<a href="#">Site Access Details</a>		<a href="#">Char</a>	<a href="#">200</a>	
Site_Address_City	Site Address City	This relates to the site of the MIRN	Char	29	Free text
Site_Address_Postcode	Site Address Postcode	This relates to the site of the MIRN	String	4	
Site_Address_State	Site Address State	This relates to the site of the MIRN	Char	3	State abbreviation eg. SA, VIC, NSW, etc.
Special_Job_Instructions	Special Job Instructions		String	160	
Street_Name_1	Street Name ( Address Elements)	Defines the street name as per Australian Standard AS4590	String	30	Note: Street_Name_2 is not used in WA.
Street_Name_2					
Street_Suffix_1	Street Suffix ( Address Elements)	Defines the street suffix as per Australian Standard AS4590	String	2	See aseXML data element address
Street_Suffix_2					Note: Street_Suffix_2 is not used in WA.
Street_Type_1	Street Type ( Address Elements)	Defines the street type as per Australian Standard AS4590	String	4	See aseXML data element address.
Street_Type_2					Note: Street_Type_2 is not used in WA.
Supply_Point_Code	Supply Point Code		Alpha	1	B = Basic I = Interval T = Transmission
Temperature_Sensitivity_Factor	Temperature Sensitivity Factor	This contains the temperature sensitivity heating rate for the delivery point.	Numeric	9,2	
To_Date	To Date		Date	10	ccyy-MM-dd
Total	Total	In relation to tariff "V" DUoS charges the sum of the variable peak, variable off peak, and fixed charges for this period.	Numeric	11,2	
Total_Daily_Consumption	Total Daily Consumption	The total consumption for the day	Numeric	10	In MJ
Transaction_ID	Transaction Identifier	Unique transaction or line identifier. This has the effect of ensuring that each charge is uniquely referenced, enabling effective B2B communication of disputes, etc.	String	17	



CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Transaction_Date	Transaction Date	Date this invoice line was created in the Source system. In the case of a cancellation, the transaction date is the date the transaction is cancelled rather than date of the original transaction.	Date	10	ccyy-MM-dd
Transmission_Zone	Transmission Zone		Numeric	2,0	
tsf	Temperature Sensitivity Factor	This contains the temperature sensitivity heating rate for the delivery point.	Numeric	9,2	
Type_of_Read	Type of Read	Indicator identifying the type of reading which has taken place.	String	1	"A" = Actual, "E" = Estimated "S" = Substituted "C" = Customer Own Read (not used in WA) "D" = Deemed
Variable_Off_Peak	Variable Off Peak	In relation to tariff "V" DUoS charges, the variable off peak charge in the billing period.	Numeric	11,2	
Variable_Charge_1	M	In relation to tariff "H" Duos charges, the fixed charge used for <i>Usage</i> related variable charges for all steps. Exclusive of GST.	Numeric	11,2	
Variable_Charge_2	M	In relation to tariff "H" Duos charges, the fixed charge used for <i>Peak</i> usage related variable charges. Exclusive of GST.	Numeric	11,2	
Variable_Charge_3	M	In relation to tariff "H" Duos charges, the fixed charge used for <i>Overrun</i> related variable charges. Exclusive of GST.	Numeric	11,2	
Variable_Charge_4	M	In relation to tariff "H" Duos charges, the fixed charge used for all <i>Other</i> variable charges. Exclusive of GST.	Numeric	11,2	
Variable_Peak	Variable Peak	In relation to tariff "V" DUoS charges, the variable peak charge in the billing period.	Numeric	11,2	
Volume_Flow	Volume Flow	Volume Flow is calculated by subtracting the Previous Index Value from the Current Index Value. A factor of 2.832 is applied to convert imperial registering Meters	Numeric	11,2	Cubic Metres



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CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Work_Request_Number	Work Request Number	Unique reference number that the Network Operator assigns to the work for tracking and auditing purposes.	String	15	

## SA/WA Interface Control Document (For IN008/20)

2.1.1.6 AEMO must record a person's GBO identification as "suspended" in the AEMO registry if the person [has been issued a suspension notice in accordance with Rule 488 of the National Gas Rules \(NGR\)](#) ~~is a party to an agreement entered into under the Procedures which provides for the person's GBO identification to be recorded as "suspended" – in accordance with the terms of the agreement.~~

2.1.1.7 The consequences of AEMO recording a person's GBO identification as "suspended" in the AEMO registry are:

2.1.1.7.1 the person must continue to comply with its obligations under the Procedures; and

2.1.1.7.2 for a user - without limiting sub section 2.1.1.7.1, the user is not entitled to exercise any rights granted to it under CHAPTER 2, 4, 5 and 6.

2.1.1.8 To avoid doubt, recording a person's GBO identification as "suspended" in the AEMO registry has no effect on the operation of CHAPTER 8. {Note: This means that a user with a "suspended" GBO identification will continue to be included in the allocation and reconciliation calculations.}

2.1.1.9. If a person was "suspended" under sub section 2.1.1.6, [has been issued with a notice under 488 \(5\) of the National Gas Rules \(NGR\) that advises the suspension notice is revoked](#) ~~then when the agreement provides that~~ the person's GBO identification should be marked as "active", AEMO must record the person's GBO identification as "active" in the AEMO registry.

## Information Pack Usage Guidelines

### 2. OVERVIEW OF THE INFORMATION PACK (FOR IN008/17)

The following table provides an overview of the Information Pack. The documents are provided in a directory structure as follows:

Main Directory	Sub-Directory	Documents	Version
Information Pack	1. Usage Guidelines	Information Pack Usage Guidelines	8.5
	2. Business Specification	WA Business Specification	4.3
		SA Business Specification	4.5
	3. B2M Process Flows and Sequence Diagrams	FRC B2M Process Flow and Sequence Diagrams	3.7
	4. B2B Process Flows	FRC B2B Process Flow Diagrams	3.7
		<a href="#">NSW/ACT PBP5 – Process Flow Diagrams (for SA RoLR only)</a>	<a href="#">4.0</a>
	5. FTP User Guide	GRMS FTP User Guide	3.2
GRMS FTP Procedure Guide		2.3	
GRMS FTP Registration Form		3.2	
6. Hub User Guide	FRC Gas HUB Participant User Guide. Available from <a href="http://aemo.com.au/retailgas">http://aemo.com.au/retailgas</a>	9.0	
7. Non-IT RMP communications	Non-IT RMP communications (WA only)	5.4	

Main Directory	Sub-Directory	Documents	Version
	8. Profile Nomination Guideline	Profile Nomination Guideline (WA Only)	1.2
	9. New Entrant Information Sheet	AEMO New Entrant Information Sheet (WA Only)	1.2
	10. Profile Nomination Guideline	Profile Nomination Guideline (SA Only)	2.0

### 3.4 FRC B2B Process Flows (For IN008/17)

The FRC B2B Process Flows identify the work processes and dataflows in the FRC environment for B2B only. They can reference the FRC B2M Process Flows, where applicable. These detail each logical step in the process required to deliver various gas services in the FRC environment. The B2B process flows identify dataflows between businesses that will have to occur for FRC to operate successfully.

The processes identified represent all the processes that are directly changed by the introduction of full retail competition or have a material impact on the ability of the full retail competition arrangements to operate efficiently.

[Note: For SA RoLR process flows, please refer to NSW/ACT PBP5 – Process Flow Diagrams.](#)

## **ATTACHMENT B – PPC RESPONSE TEMPLATE**

The PPC response template has been attached separately to this document. There are two sections in the template:

- Section 1 seeks feedback on AEMO’s examination of the proposal in Sections 1–9 (i.e., whether AEMO has correctly captured the requirements and surrounding context of the proposal)
- Section 2 seeks feedback on the proposed changes listed in attachment A.

Anyone wishing to make a submission to this PPC consultation are to use this response template. Submissions close COB 23 August 2023 and should be emailed to [grcf@aemo.com.au](mailto:grcf@aemo.com.au).

### ATTACHMENT C – GMI RESPONSE FOR PACKAGE 5 2023 - ROLR

#### Part A - General Comments on the proposal

Question	Ref #	Participant	Response	AEMO Response
In terms of the specific proposal and impacts of change (see section 4 and 5 of the GMI) for the following initiatives, IN002/23 – Additional fields to T010 IN003/23 – Add NSW/ACT clause 7.2.1 (b) to SA IN012/22 – Decommissioned MIRNs without meters IN009/22 – Delivery method for CSV transactions IN008/17 – Include SA RoLR process flows IN008/20 – Changes to clauses 2.1.1.6 and 2.1.1.9 of SA/WA ICD does your organisation support the proposal as it is described in the GMI? If not, what changes need to be made?	1	AGL	<p>AGL supports the proposals to enhance the requirements for managing RoLR processes but does have feedback on some aspects of the proposals.</p> <p>AGL notes the comment from AEMO about the May 2024 implementation and would ask that if any elements can be implemented earlier, that they do so, particularly those relating to customer data, noting that there has been another RoLR event recently.</p> <p><b>IN002/23 – Additional fields to T010</b></p> <p><i>AGL supports the inclusion of the additional fields to the T1010 report. AGL has compared the T1010 with the equivalent electricity report (see attachment) and proposes that the additional customer data fields contained within the electricity report also be included in the T1010. These fields are:</i></p> <ul style="list-style-type: none"> <li>• Customer Classification</li> <li>• Life Support Status</li> <li>• Billing Frequency</li> <li>• Billing Preference</li> <li>• Site Hazard Description</li> </ul> <p><i>AGL also suggests that the order of fields within the T1010 be blocked into similar data sets (eg customer data, load data etc).</i></p> <p>As the RoLR electricity review is not yet complete, AGL proposes that this Gas GMI undertake a final check of the RoLR file when the electricity review is completed to align the files as much as possible.</p> <p>Note:</p> <ol style="list-style-type: none"> <li>1. The electricity review has considered that payment plan should not be included in the customer details file.</li> </ol>	<p>AEMO notes AGL’s support for the proposals.</p> <p>AEMO will consider AGL’s request for earlier implementation of some of the initiatives from Package 5.</p> <p>AEMO has analysed AGL’s request for IN002/23 about including additional fields and notes the following:</p> <p>Customer Classification already exists as Customer Classification Code</p> <p>Site Hazard Description already exists as Access Details.</p> <p>AEMO will request feedback from GRCF about adding the fields Life Support Status, Billing Frequency and Billing Preference during the PPC consultation.</p> <p>AEMO agrees with AGL’s comment about not including</p>

Commented [HH1]: @Nandu Datar AGL modified our template to place their reply to this question in multiple cells. I have edited the format a little to add headings, to make it work with our template. No content has been changed. Please let me know if this is okay

Commented [ND2R1]: That is perfect, thanks

Question	Ref #	Participant	Response	AEMO Response
			<p>2. Average Daily Load is 'R' for electricity and may not be available for many customers, suggest for gas it is also made 'R' - Required.</p> <p><b>IN003/23 – Add NSW/ACT clause 7.2.1 (b) to SA</b> AGL supports the inclusion of the NSW fields into the SA Procedures</p> <p><b>IN012/22 – Decommissioned MIRNS without meters</b> AGL does not support either option and suggests that the T1005 not be changed, and that all MIRNS with meters (regardless of status -ie Commissioned and Decommissioned [ie including turned off or plugged]) be provided to the RoLR. For MIRNS without meters AGL expects that the number of affected MIRNS will be quite small, but that there will generally be a live service and potentially a customer seeking to have that meter restored at some stage. AGL therefore proposes that there be an additional obligation on the DBs to liaise with the RoLR to arrange for those MIRN details to be transferred to the RoLR. AGL is working with the Distribution Businesses to determine if a more detailed solution can be developed. In the meantime, AGL therefore suggests that a new obligation be added to the Build Pack.</p> <p>'During a RoLR event, where there are MIRNS without meters assigned to the failed retailer, the Distribution Business will liaise with the RoLR to provide appropriate details for the RoLR to take responsibility for these MIRNS.'</p> <p><b>IN009/22 – Delivery method for CSV transactions</b></p>	<p>the field 'Payment Plan' as it has also been requested by the proponent Origin.</p> <p>AEMO notes AGL's comment about reordering the fields in the transaction T1010. AEMO's view is this doesn't add any material benefits. AEMO has decided this proposal is not in the scope of current consultation window. If AGL feels that this is a material issue, AGL should raise new Gas Market Issue (GMI).</p> <p>AEMO will request feedback from GRCF about making Average Daily Load 'R' instead of currently proposed 'M'.</p> <p>AEMO notes AGL's support for IN003/23.</p> <p>AEMO notes AGL's comment for IN012/22 and will include the proposed text in PBP1 – CSV Data Format Specification clause 6.18 and FRC B2B System Interface Definition clause 5. AEMO will evaluate all outcome of industry workshop on this issue including level of support (or</p>

Question	Ref #	Participant	Response	AEMO Response
			<p>AGL supports the proposed change</p> <p><b>IN008/17 – Include SA RoLR process flows</b></p> <p>AGL supports the proposed change</p> <p><b>IN008/20 – Changes to clauses 2.1.1.6 and 2.1.1.9 of SA/WA ICD</b></p> <p>AGL supports the proposed change</p>	<p>otherwise) and consider its inclusion as part of the second round (IIR) consultation.</p> <p>AEMO notes AGL’s support for IN009/22, IN008/17 and IN008/20.</p>
	2	AGN	<p>The ROLR package as it is currently proposed is not supported.</p> <p><u>GMI IN012/22 (Decommissioned MIRNs without meters)</u></p> <p>This GMI requires further consultation as per responses in Question 2 and 3 below.</p> <p><u>GMI IN009/22 (Delivery method for CSV transactions)</u></p> <p>A further amendment is suggested. Preference would be to specify the ROLR delivery method for each ROLR i.e., in addition to adding statement “or as agreed method between the parties and not via the FRC Hub” to reduce delays in data delivery. This would also need to be updated in SA FRC B2B System Interface Definitions document in addition to Participant Build Pack 1 – CSV Data Format Specification.</p> <p>The remaining proposals IN002/23, IN003/23, IN008/17, IN008/20 are supported.</p>	<p>AEMO notes AGN’s comment and refers to its response in Ref 1 for IN012/22.</p> <p>AEMO notes AGN’s comment for IN009/22 and agrees to make the suggested changes.</p> <p>AEMO notes AGN’s support for the proposals IN002/23, IN003/23, IN008/17 and IN008/20.</p>
	3	Alinta	<p>Yes, however Alinta Energy is in support of further investigation of options by GRCF members in relation to IN012/22.</p>	<p>AEMO notes Alinta’s support and regarding IN012/22 refers to its response in Ref 1.</p>
	4	Energy Australia	<p><i>Energy Australia supports most of the below as commented where different, however, we make note there might be a costing to add the hardship indicator to the TT1010</i></p>	<p>AEMO notes Energy Australia’s support and that</p>

Question	Ref #	Participant	Response	AEMO Response
				adding the field Hardship will involve some cost.
	5	Multinet	<p>IN002/23 no impact to MGN as a Gas Distributor, T010 is a Gas Retailers responsibility to provide to the Host Retailer.</p> <p>IN003/23 No impact to MGN</p> <p>IN012/22 MGN supports option B.</p> <p>IN009/22 MGN supports this change.</p> <p>IN008/17 MGN not impacted by this change.</p> <p>IN008/20 MGN not impacted by this change.</p>	<p>AEMO notes that Multinet is not impacted by IN002/23, IN003/23, IN008/17 or IN008/20.</p> <p>AEMO notes Multinet's support for IN009/22.</p> <p>AEMO notes Multinet's support of option B for IN012/22 and refers to its response in Ref 1.</p>
	6	Origin	<p><b>IN002/23 – Additional fields to T010</b> Origin proposes additions and deletions to the T1010 as indicated in Part B of this response template.</p> <p><b>IN003/23 – Add NSW/ACT clause 7.2.1 (b) to SA</b> Origin agrees with the proposed change. It is appropriate to use same NSW/ACT clause for SA.</p> <p><b>IN012/22 – Decommissioned MIRNs without meters</b> Refer to comments contained in Question 2.</p> <p><b>IN009/22 – Delivery method for CSV transactions</b> Origin agrees with the proposed change. It is appropriate to align PB1 with other jurisdictional protocols.</p> <p><b>IN008/17 – Include SA RoLR process flows</b> Origin agrees with proposed change to reference PBP5</p>	<p>AEMO notes Origin's support for all proposals and regarding IN012/22 refers to its response in Ref 1.</p>

Question	Ref #	Participant	Response	AEMO Response
			<p><b>IN008/20 – Changes to clauses 2.1.1.6 and 2.1.1.9 of SAWA ICD</b> Origin agrees with proposed updates to the clauses.</p>	
	7	Red / Lumo	<p>Red Energy and Lumo Energy (Red and Lumo) support the intent to improve RoLR processes but not the inclusion of Payment Plan or the duplication of data proposed in IN002/23.</p> <p><b>IN002/23 – Additional fields to T1010;</b> Red and Lumo do not support the addition of the field Payment Plan. If the intent is to capture Payment Plans associated with customers who have entered a hardship arrangement with the failed retailer then this should be described here. The term Payment Plan may be interpreted in many ways; it may also be considered to be the Direct Debit payment of the total amount of a bill on an ongoing basis, or a weekly manual or automated payment which ensures the customer's bill total at the due date is manageable.</p> <p>Red and Lumo do not support the duplication of data created by the addition of Average Daily Load and MDQ as these are already provided to the RoLR by AEMO in;</p> <ul style="list-style-type: none"> <li>• INT604 Basic Meter Metering Data - which contains MDQ, and</li> <li>• INT605 Interval Meter Metering Data - which contains hourly GJ</li> </ul> <p>Red and Lumo do support amending T1010 to include currently defined B2B fields;</p> <ul style="list-style-type: none"> <li>• Email Address</li> <li>• Sensitive Load</li> <li>• Site Access Details (It's just Access Details in gas...)</li> </ul>	<p>AEMO notes Red/Lumo's support for the proposals IN003/23 and IN008/20.</p> <p>AEMO notes Red/Lumo's comment for IN002/23.</p> <p>AEMO agrees with not adding the field MDQ as it is currently provided as Authorized_site_mdq in the transaction INT604.</p> <p>AEMO does not agree with not adding the Average Daily Load field as the field energy_gj provided in INT605 is hourly and not daily.</p> <p>AEMO does not agree with Red/Lumo's comment about B2B fields Email Address and, Sensitive Load as they are currently not defined in PBP1 – CSV Data Format Specification or FRC B2B System Interface Definition.</p>

Question	Ref #	Participant	Response	AEMO Response
			<p>We also acknowledge the benefit to customers and industry of adding Business_ABN and HardshipIndicator (for consistency with Elec)</p> <p><b>IN003/23 – Add NSW/ACT clause 7.2.1 (b) to SA</b></p> <p>Red and Lumo support the proposed change</p> <p><b>IN012/22 – Decommissioned MIRNs without meters</b></p> <p>Red and Lumo support option A, while we recognise AEMO’s preferred option is B this is not inline with the Participant Build Pack 1 ‘MIRN States’ where it’s a valid combination to have a decommissioned MIRN with no meter attached and has the potential to become a safety issue. Red and Lumo believe the option to provide meter details should be changed to optional. Consumers or Retailers may opt to temporarily remove a meter that would render the MIRN as decommissioned, an active service line would remain at the premises and if the status was changed to ‘Deregisterd’ it would become a safety hazard without an active service line being recorded at a premises.</p> <p><b>IN009/22 – Delivery method for CSV transactions</b></p> <p>Red and Lumo do not support the change to an ‘agreed method’, it’s imperative to have a fallback option given the failing participant and RoLR may not agree on a method. Further to this, we propose the industry leverages the MIBB platform to transfer the files. Given the highly confidential and sensitive information contained within the respective files, they should not be placed on a physical medium, nor should a 3rd party service be used to transfer the files including ‘drop boxes’ and emails. Red &amp; Lumo strongly encourages the industry to utilise secure data transfer that is already in place and utilised by the industry. For Gas, this would involve participants loading the relevant file in their outbox of the MIBB and AEMO and then distributing it to other participants as required which they can then download from their own inbox. This mechanism becomes even more relevant when</p>	<p>AEMO agrees with Red/Lumo’s comment about Site Access Details as it current exists in T1005 as Access_Details.</p> <p>AEMO notes Red/Lumo’s support for the fields Business_ABN and Hardship.</p> <p>AEMO notes Red/Lumo’s comment about IN012/22 and refers to its response in Ref 1.</p> <p>AEMO notes that Red/Lumo’s proposal about using the MIBB platform for IN009/22 will require IT changes for AEMO and is not considered in the current scope.</p> <p>AEMO notes Red/Lumo’s comment about IN008/17 and that the process flow diagram shows ‘Up to 8 days’ which covers both SA and NSW RMPs.</p>

Question	Ref #	Participant	Response	AEMO Response
			<p>we look at the vast number of data and privacy breaches we are seeing in today's environment.</p> <p><b>IN008/17 – Include SA RoLR process flows</b></p> <p>There is a discrepancy between the NSWACT RMP and the SA RMP regarding the days allowed for the update of Meter Reading and Account Creation. If the SA RMP were to refer to the NSW PBP5 Diagram 118 then the process flow needs to remove or amend the reference to 8 days allowed for Meter Reading and Account Creation;</p> <p>NSWACT RMP</p> <p>7.2.6 Meter Reading and Account Creation</p> <p>Each Network Operator must: ...provide the current information... by the end of the 8th day after the RoLR transfer date.</p> <p>SA RMP</p> <p>7.2.6. Meter Reading and Account Creation</p> <p>...and that information is to be provided in accordance with the AEMO Specification Pack as soon as practicable but no later than 4 days after the day on which the RoLR transfer date ends.</p> <p><b>IN008/20 – Changes to clauses 2.1.1.6 and 2.1.1.9 of SAWA ICD</b></p> <p>Red and Lumo support the proposed change</p>	
<p>In relation to IN012/22 – Decommissioned MIRNs without meters, do you support AEMO's preferred Option B?</p>	<p>8</p>	<p>AGL</p>	<p><i>AGL notes the proposal, but within the gas market, all MIRNS are assigned a FRO. At this time, AGL is unclear how decommissioned MIRNS assigned to a failed retailer would be treated. That is, whether they move to the RoLR or are re-assigned to the Host / Tier 1 Retailer.</i></p>	<p>AEMO notes AGL's comment and that this issue will be discussed further during an industry workshop being organised by AGL.</p>

Question	Ref #	Participant	Response	AEMO Response
If not then please provide the reason for not supporting it.				AEMO notes that if the outcome of the industry workshop requires changes that AEMO is unable to accommodate in the current consultation window of Package 5 or the level participant support isn't unanimous then AEMO will exclude this proposal (IN012/22) from Package 5 and add to the list for future consideration.
	9	AGN	<p>No.</p> <p>Option B is not supported. Option B states that "the status of a MIRN should be 'Deregistered' when the meter is removed". This is incorrect. MIRNs that do not have a Meter where a live service remains have a status of 'Decommissioned'.</p> <p>Option A is preferred.</p> <p>A final assessment can be provided following further discussion and possible options at the planned industry participant-initiated workshop currently scheduled for 28/7/23.</p>	AEMO notes AGN's comment and refers to its response in Ref 8.
	10	Alinta	<p><b>1.</b> Alinta Energy would be opposed to option B as we use deregistered to signify an abolished MIRN.</p> <p><b>a.</b> If the meter is removed and the MIRN is not abolished, then this would only confuse retailers as there would be no clear way to discern if a MIRN is abolished or just the meter removed. It should remain decommissioned.</p>	AEMO notes Alinta's comment and refers to its response in Ref 8.

Question	Ref #	Participant	Response	AEMO Response
			<b>b.</b> Alinta Energy would recommend option A.	
	11	Energy Australia	<i>Energy Australia supports option A – making the fields required rather than mandatory.</i>	AEMO notes Energy Australia’s comment and refers to its response in Ref 8.
	12	Multinet	<p>YES MGN supports AEMO’s preferred option B as previously discussed at GRCF. the current Market process to transfer MIRNS relies on meter reads being lodged for the date of transfer. MGN cannot transfer an account via the current system functionality without meter read lodged for that specific date. This will require major system changes if we have to incorporate these MIRNS in the RoLR transfer process.</p> <p>There will still need to be a decision made about how the DB’s maintain the record of an active gas service as this will be a safety issue should a DB not maintain a record that a particular address still has an active service line and a MIRN with R C or D with meter represents this status. X (deregistered) means abolished. Some of these MIRNS could have had the meter removed for years with no intent of recommissioning OR the customer may have had the meter removed temporarily for renovations or even debt by the retailer. MGN proposes that we need to create a new “R” Registered MIRN (no gas retailer allocated) to identify that there remains an active service at this property, so should the customer require a meter to be put back in the future they can go to any retailer of their choice. Multinet Gas requires a COC certificate of compliance for both MRF and MFX orders so there is no change on impact with this process.</p> <p>Alternatively, if the market agrees with option A MGN will have to move the MIRNS manually to the RoLR, but it would have to be as of the last read date lodged for that account.</p>	AEMO notes Multinet’s comment and refers to its response in Ref 8.
	13	Origin	Origin’s position on IN012/22 is subject to GRCF participant’s working through possible solutions to this scenario.	AEMO notes Origin’s comment and refers to its response in Ref 8.

Question	Ref #	Participant	Response	AEMO Response
			<p>Origin does not support Option B. Not all DBs will deregister (abolish) the MIRN if the meter is removed. As a Retailer of Last Resort, we require visibility of all MIRNs (commissioned and decommissioned) to be included in the T1005. Whilst the MIRN may not have a meter, the RoLR may opt to follow the Meter Not on Premise process as per PBP1 – Process flow Diagrams.</p> <p>Option A enables Origin to receive all MIRNs (commissioned and decommissioned) in the T1005 transaction. We envisage that the ROLR will be required to manage the scenario of decommissioned MIRNs without meters as an exception. Therefore, Origin recommends that the technical protocols reflect that scenarios such as IN012/22 allow ROLR and DB's to bi-laterally agree a treatment approach for the respective MIRNS.</p>	
	14	Red / Lumo	<p>Red and Lumo do not support AEMO's preferred option B. Option A allows for the accurate record of a MIRN\Meter status.</p> <p>We would like to understand why AEMO believes this combination is not accurate - MIRN status allows for Decommissioned and No Meter as per PBP1 Process Flow Table of Transactions 'MIRN &amp; Meter States'</p>	AEMO notes Red/Lumo's comment and refers to its response in Ref 8.
If your organisation has identified a need to make IT systems changes (particularly for the initiatives IN002/23 and IN012/22), please provide a summary of those changes, including details whether those changes can be implemented noting the timeline mentioned in section 3 of the GMI, in particular the effective date of 1 May 2024.	15	AGL	<p>At this stage it is unclear as some questions (ie 2 above) are not yet fully assessed.</p> <p>However, AGL does not expect there to be any system build requirements resulting from the proposed changes</p>	AEMO notes AGL's comment.
	16	AGN	<p>IT system changes have been identified for GI IN012/22 (ROLR T1005 – Decommissioned MIRN without Meters).</p> <p>Multiple algorithm changes for multiple system processes would be required to generate the T1005.</p> <p>The implementation of IN012/22 on the 1/5/2024 would create a high risk for delivery of other IT work including the industry HVZ VIC (GMI IN007/22) project due to IT internal and external, and business resource constraints.</p>	AEMO notes AGN's comment.

Question	Ref #	Participant	Response	AEMO Response
	17	Alinta	Alinta Energy will need to make system changes to some of our reports we provide AEMO but we can do this in the timeline mentioned.	AEMO notes Alinta's comment.
	18	Energy Australia	<i>Not at this stage.</i>	
	19	Multinet	<p>If MGN is to add MIRNS with no meters to the RoLR program we have built to process we would have to make significant changes. Our current program is built off current market processes whereby a CATS COM is received, MGN mimics this transaction which in turn transfers the MIRN across to the new FRO and creates the ACN transaction and send this to the new FRO via B2B. as well as providing the T1005 file. A whole new functionality would need to be created to build a program that will transfer these MIRNs without a meter read( not possible now) and then incorporate them in the T1005 file.</p> <p>I don't believe that MGN will have capacity to complete these system changes within the allocated time frame of May 2024.</p> <p>If we are to continue with option A it will have to be a manual process to include these MIRNS and MGN would not be able to move the MIRN across to the RoLR on the effective RoLR date as previously mentioned we need a meter read to close retailer contracts and reopen retailer contracts, so the date used would be that last read date we have in our database for that account when I had its meter on record.</p>	AEMO notes Multinet's comment.
	20	Origin	<p>No IT system changes are required,</p> <p>In the event of minimal impact to systems across participants, Origin recommends that the RoLR procedure be updated sooner than 1 May 2024.</p> <p>As failed retailers have been common occurrences in the past 12 months, gas procedures should correctly reflect updated RoLR processes as soon as practical post AEMO's decision on the 27<sup>th</sup> October 2023.</p>	AEMO notes Origin's comment.

Question	Ref #	Participant	Response	AEMO Response
			If an earlier effective date for all Package 5 updates is not possible, Origin's priority is to have IN002/23 updated in procedures without delay and advocate for IN002/23 to be made effective, prior to 1 Dec 2023.	
	21	Red / Lumo	Red and Lumo do not need to make IT changes to accommodate IN002/23 and IN012/22.	AEMO notes Red/Lumo's comment.
Noting the procedures and guidelines listed in section 4 of the GMI, are there any other procedures or guidelines that you think also need to be amended? If so, please provide further details.	22	AGL	<i>AGL notes the Data Dictionary for the additional data elements proposed for the T1010 will need to be amended to include those proposed elements.</i>	AEMO notes AGL's comment and will include the new data elements to the Data Dictionary following participant feedback to the PPC.
	23	Energy Australia	<i>No further amendments required in our view.</i>	AEMO notes Energy Australia's comment.
	24	Multinet	<i>Nothing further to add</i>	
	25	Origin	No	
	26	Red / Lumo	Red and Lumo have identified no further additions at this stage.	AEMO notes Red/Lumo's comment.
Do you have any further comments on any other sections of the GMI you wish to raise? If so, please provide further details.	27	AGL	<i>There are no further comments on these GMIs</i>	
	28	Energy Australia	<i>No further comments.</i>	
	29	Multinet	<i>Nothing Further to add</i>	
	30	Origin	No	

Question	Ref #	Participant	Response	AEMO Response
	31	Red / Lumo	Red and Lumo do not support the use of 'Required' in a gas procedure. Participant Build Pack 2: Usage Guide clause 2.2.3.2 Structure clearly defines Mandatory and Optional with NR applied; '...only due to the fact that some of aseXML transactions defined for the electrical industry and are being reused in the gas industry as part of the harmonisation process.'	AEMO notes Red/Lumo's comment. AEMO notes that increasingly participants have requested use of 'Required' to ensure that the field is included where it exists. It was felt that 'Optional' could be interpreted as 'no need to provide'. AEMO will seek feedback from GRCF during the PPC consultation.

**Part B – Feedback on the documentation changes**

Retail Market Procedures (South Australia)					
Ref #	Organisation	Clause #	Issue / Comment	Proposed text <del>Red strikeout</del> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
32	Red / Lumo	NSWACT RMP 7.2.6 & SA RMP 7.2.6	IN008/17 – Include SA RoLR process flows  There is a discrepancy between the NSWACT RMP and the SA RMP regarding the days allowed for the update of Meter Reading and Account Creation. If the SA RMP were to refer to the NSW PBP5 Diagram 118 then the process flow needs to remove or amend the reference to 8 days allowed for Meter Reading and Account Creation;  NSWACT RMP 7.2.6 Meter Reading and Account Creation		AEMO notes Red/Lumo's comment and refers to its response in Ref 7.



			<p>Each Network Operator must: ...provide the current information... by the end of the 8th day after the RoLR transfer date.</p> <p>SA RMP</p> <p>7.2.6. Meter Reading and Account Creation</p> <p>...and that information is to be provided in accordance with the AEMO Specification Pack as soon as practicable but no later than 4 days after the day on which the RoLR transfer date ends.</p>		
33	Red / Lumo	Participant Build Pack 1 – CSV Data Format Specification.	<p>6.17 MIRN Standing Data (T1000) (For IN009/22)</p> <p>In order for the Retailer of Last Resort to manage the customer set up following a RoLR event, the DB is to provide to the Retailer of Last Resort the standing data details for MIRNs which the Retailer of Last Resort has become the FRO for during the RoLR event.</p> <p>This will be based on the MIRNs provided to the DBs in the T980</p> <p>The method of data delivery will be via CD</p> <p>The method of data delivery will be via</p> <p>The following file naming convention is to be used: VICGAS_MIRNSTANDINGDATA_OriginatorID_RecipientID_CCYYMMDDHHmmSS</p> <p>6.18 Account Creation (T1005) (For IN009/22)</p> <p>(Note: the change from mandatory to required is option A. If option B is progressing, then no change to the table below)</p> <p>In order for the Retailer of Last Resort to manage the customer set up following a RoLR event, the DB is to provide to the Retailer of Last Resort the standing data details for MIRNs which the Retailer of Last Resort has become the FRO for during the RoLR event.</p>	<p>6.17 MIRN Standing Data (T1000) (For IN009/22)</p> <p>In order for the Retailer of Last Resort to manage the customer set up following a RoLR event, the DB is to provide to the Retailer of Last Resort the standing data details for MIRNs which the Retailer of Last Resort has become the FRO for during the RoLR event.</p> <p>This will be based on the MIRNs provided to the DBs in the T980</p> <p>The method of data delivery will be via <a href="#">CD The MIBB Platform facilitated by AEMO</a></p> <p>The method of data delivery will be via The following file naming convention is to be used: VICGAS_MIRNSTANDINGDATA_OriginatorID_Recipi</p>	AEMO notes Red/Lumo's comment and refers to its response in Ref 7.

			<p>This will be based on the MIRNs provided to the DBs in the T980</p> <p>The method of data delivery will be via CD Hub.</p>	<p>entID_CCYYMMDDHHmmSS</p> <p>6.18 Account Creation (T1005) (For IN009/22)</p> <p>(Note: the change from mandatory to required is option A. If option B is progressing, then no change to the table below)</p> <p>In order for the Retailer of Last Resort to manage the customer set up following a RoLR event, the DB is to provide to the Retailer of Last Resort the standing data details for MIRNs which the Retailer of Last Resort has become the FRO for during the RoLR event.</p> <p>This will be based on the MIRNs provided to the DBs in the T980</p> <p>The method of data delivery will be via <a href="#">CD The MIBB Platform facilitated by AEMO</a> Hub.</p>	
Participant Build Pack 1 – CSV Data Format Specification					
Ref #	Organisation	Clause #	Issue / Comment	Proposed text <del>Red strikethrough</del> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)



34	Origin	6.19	<ul style="list-style-type: none"> <li>Recommend Email address is changed from O to R</li> <li>Payment plan – recommend removal of this field as the RoLR would not be privy to what the customer agreed with the failed retailer.</li> <li>Recommend that Rebate code is changed from O to R</li> <li>Pensioner_OR HealthCare_cardNumber Include additional supplementary commentary in comment column</li> </ul> <p>Add fields</p> <ul style="list-style-type: none"> <li>BillingPreference</li> <li>BillingFrequency -</li> </ul>	<p><del>O-R</del></p> <p><del>Payment Plan</del></p> <p><del>O-R</del></p> <p><a href="#">Mandatory if there is a value in the Rebate Code</a></p> <p><a href="#">E-Billing</a></p> <p><a href="#">-Paper</a></p> <p><a href="#">-Monthly</a></p> <p><a href="#">-Bi-Monthly</a></p> <p><a href="#">-Quarterly</a></p> <p><a href="#">-Other</a></p>	<p>AEMO notes Origin's comment and agrees to remove 'Payment Plan'.</p> <p>AEMO will seek feedback from GRCF about other changes and additions during the PPC consultation.</p>
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35	Origin	S7	Data Dictionary <ul style="list-style-type: none"> <li>Remove Payment Plan</li> <li><i>Add</i></li> <li><b>BillingPreference</b></li> <li><b>BillingFrequency -</b></li> </ul>	<del>Payment Plan</del>	AEMO notes Origin's comment and agrees to remove 'Payment Plan'.  AEMO will seek feedback from GRCF about other changes and additions during the PPC consultation.
FRC B2B System Interface Definitions					
Ref #	Organisation	Clause #	Issue / Comment	Proposed text <del>Red-strikeout</del> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
36	Origin	Appendix G. s6	<ul style="list-style-type: none"> <li>Recommend Email address is changed from O to R</li> <li>Payment plan – recommend removal of this field as the RoLR would not be be privy to what the customer agreed with the failed retailer.</li> <li>Recommend that Rebate code is changed from O to R</li> <li>Pensioner_OR HelthCare_cardNumber Include additional supplementary commentary in comment column</li> </ul>	<del>O-R</del>  <del>Payment Plan</del>  <del>O-R</del>  <u>Mandatory if there is a value in the Rebate Code</u>  <u>-E-Billing</u>	AEMO notes Origin's comment and agrees to remove 'Payment Plan'.  AEMO will seek feedback from GRCF about other changes and additions during the PPC consultation.

			<p>Add fields</p> <ul style="list-style-type: none"> <li>BillingPreference</li> <li>BillingFrequency</li> </ul>	<p><del>-Paper</del></p> <p><del>-Monthly</del></p> <p><del>-Bi-Monthly</del></p> <p><del>-Quarterly</del></p> <p><del>-Other</del></p>	
37	Origin	Appendix A	<p>Data Dictionary</p> <ul style="list-style-type: none"> <li>Remove Payment Plan</li> <li><i>Add</i></li> <li>BillingPreference</li> <li>BillingFrequency -</li> </ul>	<p><del>Payment Plan</del></p>	<p>AEMO notes Origin's comment and agrees to remove 'Payment Plan'.</p> <p>AEMO will seek feedback from GRCF about other changes and additions during the PPC consultation.</p>
SA/WA Interface Control Document					
Ref #	Organisation	Clause #	Issue / Comment	Proposed text <del>Red strikethrough</del> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
Information Pack Usage Guidelines					



PROPOSED PROCEDURE CHANGE (PPC)  
GAS RETAIL PACKAGE 5 2023 - ROLR



Ref #	Organisation	Clause #	Issue / Comment	Proposed text <del>Red strikethrough</del> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)