

**IMPACT & IMPLEMENTATION REPORT – SUMMARY SECTION**  
*(For AEMO to complete and administer)*

<b>Issue Number</b>	<b>IN026/12</b>		
Impacted Jurisdiction (s)	South Australia		
Proponent	Brooke Edwards	Company	AEMO
Affected Gas Markets(s)	Retail	Consultation process (Ordinary or Expedited)	Ordinary
Industry Consultative forum(s) used	GRCF-S and RBPWG	Date Industry Consultative forum(s)consultation concluded	26 April 2013
Short Description of change(s)	Update South Australian RoLR Procedures for System Automation		
Procedure(s) or Documentation impacted	<p>The following are impacted by the proposed changes:</p> <ul style="list-style-type: none"> <li>RMP-S version 4.0: Chapter 11 – Retailer of Last Resort - Changes to the timing of obligations, dependent on the type of retailer failing (local area retailer or a non-local area retailer failure).</li> <li>Specification Pack (Spec Pack): FRC B2B System Interface Definitions (ver 3.5) Appendix A and F</li> </ul>		
Summary of the change(s)	Changes to the Retail Market Procedures (South Australia) and relevant documentation on industry obligations are required to achieve industry compliance prior to the expiry of current transitional on 1 January 2014.		
I&IR Prepared By	Brooke Edwards	Approved By	Oriel Mendoza
Date I&IR published	13 May 2013	Date Consultation under 135EE or 135EF concludes	12 June 2013
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# IMPACT & IMPLEMENTATION REPORT – DETAILED REPORT SECTION

## CRITICAL EXAMINATION OF PROPOSAL

<p>1. Description of change(s) and reasons for change(s)</p>	<p>The National Energy Retail Law (NERL) commenced on 1 February 2013 in South Australia (SA). Part 6 of the NERL is the Retailer of Last Resort Scheme. The SA Regulations<sup>1</sup> contain a transitional that states that AEMO, the Network Operator and the designated RoLR can use reasonable endeavours to meet their obligations under the NERL and RoLR Procedures. This transitional expires on 1 January 2014.</p> <p>Chapter 11 of the Retail Market Procedures (South Australia) (RMP-S) covers the Retailer of Last Resort process. AEMO has placed timing obligations into the RMP-S to deal with the expiration of the current transitional.</p> <p>In drafting these amendments to the RMP-S, AEMO also considered the differences in timing in the obligations between a local area retailer failure compared with a non-local area retailer failure. This consideration has been added to the RMP-S, to ensure that realistic timings and obligations apply to AEMO, the Network Operator and the designated RoLR, if a local area retailer was to fail.</p>
<p>2. Reference documentation</p> <ul style="list-style-type: none"> <li>▪ Procedure Reference</li> <li>▪ GIP/Specification Pack Reference</li> <li>▪ Other Reference</li> </ul>	<p><u>Procedure Change References:</u></p> <p>RMP-S version 4.0 - Chapter 11 – Retailer of Last Resort Specification Pack (Spec Pack) - FRC B2B System Interface Definitions(ver 3.5) Appendix A and F</p> <p><u>Other References:</u></p> <p>AEMO recommends that interested stakeholders review this consultation alongside IN003/13 (SA RoLR – Interface Control Document Changes).</p>
<p>3. The high level details of the change(s) to the existing Procedures</p> <p>This includes:</p> <ul style="list-style-type: none"> <li>▪ A comparison of the existing operation of the Procedures to the proposed change to the operation of the Procedures</li> <li>▪ A marked up version of the Procedure change</li> </ul>	<p>This Impact &amp; Implementation Report (IIR) specifically deals with the further changes required to the RMP-S and the Spec Pack for the operation of the RoLR scheme in the SA retail gas market.</p> <p>As previously noted, AEMO has considered the differences in timing in the obligations between a local area retailer failure compared with a non-local area retailer failure. The changes to the timing obligations align the non-local area retailer failure timings to the Victorian RoLR arrangements, with data needing to be provided within 4 calendar days of the RoLR event. Where a retailer failure is a local area retailer, this information must be provided within 8 calendar days of a RoLR event. This allows the Network Operator the ability to meet obligations in the RMP-S and deal with the increased amount of data for a local area retailer, without placing undue costs on the Network Operator to build systems for what is already an unlikely event.</p> <p><b>Attachment A</b> outlines the RMP-S changes with the Spec Pack changes in <b>Attachment B</b> and <b>Attachment C</b>.</p>

<sup>1</sup> s13 of the National Energy Retail Law (Local Provisions) Regulations 2013

<p>4. Explanation regarding the order of magnitude of the change (eg: material, non-material or non-substantial)</p>	<p>These changes will have IT system builds associated with them, which will have a material impact on AEMO and the Network Operator and may have a material impact on the default RoLR. Although the system build will have a material impact on participants, having the IT system in place to deal with a RoLR event mitigates this and provides a level of security for industry if a RoLR event did occur.</p>
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<p style="text-align: center;"><b>ASSESSMENT OF LIKELY EFFECT OF PROPOSAL</b></p>	
<p>5. Overall Industry Cost / benefit (tangible / intangible / risk) analysis and/or cost estimates</p>	<p>As prescribed in the “Approved Process”, participants and interested stakeholders were asked to provide comments on the proposed changes. Submissions closed on 26 April 2013. AEMO received responses from Origin Energy, AGL and Envestra.</p> <p>Submissions noted this was an important regulatory change; and the changes to the RMP-S were minimal and added timing requirements to the obligations.</p> <p>From a benefits perspective, the change would provide certainty to industry and allow participants to fulfill their market obligations.</p> <p>Participants indicated that there would be some IT and business process costs associated with these changes, but were unable to identify these costs discretely as they are included in current business projects.</p> <p>No participant indicated that they would be negatively affected with the introduction of the RMP-S or Spec Pack changes.</p> <p>AEMO does not have any IT costs associated with this change.</p>
<p>6. The likely implementation effect of the change(s) on stakeholders (e.g. Industry or end-users)</p>	<p>The process impacts of these changes are to add timing obligations to the RMP-S and Spec Pack. This will impact the systems and processes of the Network Operator, AEMO and the designated RoLR, to the benefit of end consumers.</p>
<p>7. Testing requirements</p>	<p>There are likely to be testing requirements for AEMO, the network operator and the designated RoLR. AEMO will oversee the development of testing requirements and consult with the affected participants closer to the implementation timeframe.</p>
<p>8. AEMO's preliminary assessment of the proposal's compliance with section 135EB: - consistency with NGL and NGR, - regard to national gas objective - regard to any applicable access arrangements</p>	<p>Rule 135EB(4)<sup>2</sup> of the NGR states that where AEMO is making changes in relation to section 144 of the NERL (RoLR Procedures) AEMO does not need to meet the preconditions for making Procedures under rule 135EB(1) to 135EB(3) of the NGR.</p> <p>However, AEMO's is satisfied that the proposed changes to the RMP-S and the Spec Pack are consistent with the NGL, NERL, NGR and NERR. Additionally, it is AEMO's view that this change is consistent with both the National Gas Objective and National Energy Retail Objective as the RoLR scheme is in the long term interests of consumers.</p>

<sup>2</sup> Rule 135EB(4) states: “This rule does not apply in relation to Procedures that AEMO makes, or proposes to make, under section 144 of the *NERL*.”

	AEMO is also satisfied that the proposed change does not conflict with existing Access Arrangements. No Distributor raised concerns with the proposed amendments in relation to their Access Arrangement.
9. Consultation Forum Outcomes (e.g. the conclusions made on the change(s) whether there was unanimous approval, any dissenting views)	<p>As prescribed in the “Approved Process” registered participants and interested stakeholders were asked to complete submissions in response to the proposed change.</p> <p>AEMO received submissions from Origin Energy, AGL and Envestra. All of the responses indicated that this was an important change; it was of benefit to end use customers; and that it would allow industry to meet its obligations and receive timely data during a RoLR event.</p> <p>Submissions proposed some minor amendments in order to add further clarity to the documentation. AEMO has accepted each of the changes proposed.</p>

<b>RECOMMENDATION(S)</b>	
10. Should the proposed Procedures be made, (with or without amendments)?	<p>AEMO recommends that the RMP-S and Spec Pack changes be made as drafted in Attachment A, B and C.</p> <p>The drafting in the relevant Attachments includes the changes accepted in section 9.</p>
11. If applicable, a proposed effective date for the proposed change(s) to take effect and justification for that timeline.	<p>AEMO proposes an effective date on 1 January 2014, in line with the SA Regulations transitional expiry.</p>

**ATTACHMENT A – PROCEDURE CHANGES  
(SEE SECTION 3)**

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

## Retail Market Procedures – South Australia

### Additions to clause 2 (definitions)

“local area retailer” means a retailer nominated as a *local area* retailer for any of the participating jurisdictions under the *National Energy Retail Law*.

### Additions to Chapter 11

#### **408. Creation, Maintenance and Administration of Customer Data**

- (a) AEMO must create, maintain and administer a database to store customer details provided to AEMO under this clause.
- (b) Each *user* must update, format and deliver a new *complete customer listing* to AEMO by close of *business* on the tenth *business day* after the end of the calendar month.
- (c) ~~Within two business days of receipt of the complete customer listing,~~ By the twelfth *business day* after the end of the calendar month, AEMO must:
  - (i) validate that:
    - (A) all mandatory fields as defined in the *complete customer listing* are populated;
    - (B) for each *MIRN*, the *current user* identified in the *complete customer listing* corresponds to the *current user* identified in the *AEMO registry* as at the extraction date;
  - (ii) store the *complete customer listing* in a secure database and archive previous versions of the *complete customer listing*;
  - (iii) where a *complete customer listing* fails validation under clause 408(c)(i), notify the relevant *user* of the failure.

#### **409. Retailer of Last Resort Event**

A *RoLR event* is defined under Part 6 of the National Energy Retail Law.

#### **410. Cancelled and Accelerated Customer Transfers**

- (a) Where a *RoLR event* has occurred, AEMO must ~~as soon as practicable~~, in relation to a *transfer request* that is lodged or *pending*:
  - (i) where the *incoming user* is the *failed Retailer*, cancel all *transfer requests* 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 before the *RoLR gas day*. For the avoidance of doubt, AEMO will not further process that *transfer request*;
  - (ii) where the *MIRN*, that is subject to a *transfer request*, has the *failed Retailer* recorded as the *current user* 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 *RoLR gas day*;

(iii) where the MIRN, that is subject to a *transfer request*, has the *failed Retailer* recorded as the *current user* and is a *move in* and;

(A) if the *transfer day* is ten days or less from the *RoLR gas day*, AEMO must accelerate the *transfer request* and deliver a *transfer confirmation* to the *incoming user*, the *current user* and the *network operator* for the *delivery point* to which the *transfer request* relates [before the RoLR gas day](#); or

(B) if the *transfer day* is more than ten calendar days from the *RoLR gas day*, AEMO will allow the *transfer request* to be processed as normal and the *MIRN* relating to that *transfer request* will be included in the *AEMO registry* update process described in clause 411.

#### 411. Metering Register Update

Before the *RoLR gas day*, for each *MIRN* for which the *failed Retailer* is recorded as the *current user* and to which clause 410 does not apply, AEMO must amend the *AEMO registry* by recording the *designated RoLR* as the *current user*.

#### 412. MIRN Database and MSD Database Update

Notwithstanding clause 62, the *network operator* must:

- (a) for each *MIRN* for which the *failed Retailer* is recorded as the *current user* and to which clause 410 does not apply, the *network operator* must amend the *MIRN database* and the *MSD database* by recording the *designated RoLR* as the *current user*; and
- (b) provide AEMO with a report of the details of each *MIRN* that has been updated in the *MIRN database* and *MSD database*.

#### 413. Data Exchange

[Before the RoLR gas day](#) AEMO must provide:

(a) each *designated RoLR* a file containing customer details using the most recently received *complete customer listing* for the *MIRNs* for which they have become the *current user* in accordance with the *AEMO Specification Pack*; and

(b) the *network operator* [a file containing](#) details of the *MIRNs* where, in accordance with clause 411, AEMO has updated the *AEMO registry* with the *designated RoLR* as the *current user* and deliver that file in accordance with the *AEMO Specification Pack*.

#### 414. Data Exchange from Failed Retailer

Before the *RoLR gas day*, the *failed Retailer* or its *insolvency official* must provide each *designated RoLR* a file containing customer details for the *MIRNs* for which they will become the *current user* in accordance with the *AEMO Specification Pack*.

#### 415. Meter Reading and Account Creation

[\(a\)](#) For each *MIRN* provided by AEMO under clause 413 [and the failed retailer is not a local area retailer](#), the *network operator* must:

- (i)(a) calculate an estimated value for RoLR gas day and provide it to AEMO as an actual ~~and the failed Retailer~~ where the MIRN refers to a basic meter;
- (ii)(a) calculate an estimated value for RoLR gas day and provide it to the failed Retailer where the MIRN refers to a basic meter;
- (iii)(b) calculate the energy value for RoLR gas day and provide it to AEMO as an actual ~~and the failed Retailer~~ where the MIRN refers to a basic meter;
- (iv)(b) calculate the energy value for RoLR gas day and provide to the failed Retailer where the MIRN refers to a basic meter;
- (v)(e) provide the designated RoLR the data required under clause 103(3)(b);

and provide the information in accordance with the *AEMO Specification Pack* as soon as practicable, but no later than ~~7~~ 4 calendar days after the day in which the RoLR gas day ends.

(b) For each MIRN provided by AEMO under clause 413 and the failed retailer is a local area retailer, the network operator must:

- (i)(a) calculate an estimated value for RoLR gas day and provide it to AEMO as an actual where the MIRN refers to a basic meter;
- (ii)(a) calculate an estimated value for RoLR gas day and provide it to the failed Retailer where the MIRN refers to a basic meter;
- (iii)(b) calculate the energy value for RoLR gas day and provide to AEMO as an actual where the MIRN refers to a basic meter;
- (iv)(b) calculate the energy value for RoLR gas day and provide to the failed Retailer where the MIRN refers to a basic meter;
- (v)(e) provide the designated RoLR the data required under clause 103(3)(b);

and provide the information in accordance with the AEMO Specification Pack as soon as practicable, but no later than 8 calendar days after the day on which the RoLR gas day ends.

#### 416. Updates to Estimated Meter Reading

- (a) The *network operator* must provide any updates to estimated data provided under clause 415 to AEMO, the *failed Retailer* and *designated RoLR*.
- (b) The updates must be provided as soon as it is practical to do so, but in any event no later than the 425th *gas day* after the end of the month in which the *RoLR gas day* occurs.

#### 417. Service Order Processes

- (a) Where a network operator has not yet completed service orders that were initiated prior to RoLR gas day by the failed Retailer who is not a local area retailer; the network operator in accordance with the *AEMO Specification Pack* must provide a *service order in flight report* to the *designated RoLR* by the next calendar day.
- (b) Where a network operator has not yet completed service orders that were initiated prior to RoLR gas day by the failed Retailer who is the local area retailer; the network operator in accordance with the AEMO Specification Pack must provide a service order in flight report to the designated RoLR as soon as practicable but no later than 4 calendar days after the RoLR gas day.

#### **418. Industry reconciliation program**

Within the 65th *business day* after the *RoLR gas day* and after consulting with affected *users* and the *network operator*, AEMO must determine if an industry reconciliation program is required.

{Note: This clause places an obligation on AEMO to determine the need for a reconciliation of the customer transfers that have occurred during a RoLR event to ensure that customers have indeed been transferred to the correct Retailer of Last Resort and that the network operator, users' and AEMO's databases are aligned. The intention is to perform an exercise that would identify and correct any errors. This will also meet s172 of the NERL.}

**GAS MARKET ISSUE – ATTACHMENT B**

**Blue underlined text** represents additions, and **Red and ~~strikeout text~~** represents deletions.

Note: Items highlighted in **blue** have been amended from the PPC and are folded into this IIR.

## Appendix F. RoLR ~~Manual~~ Process (SA Only)

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

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

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

The following file naming convention is to be used:

SAGAS\_CUSTOMERSITEDetailsMONTHLY\_OriginatorID\_RecipientID\_CCYYMMDDHHmmSS

Note:

1. Reference to Default RoLR as described below, is as appointed by the Australian Energy Regulator, in accordance with Part 6 of the NERL.
- ~~2. For the avoidance of doubt, this file is not part of the RoLR Manual Process. The 'Manual Process' will be employed where a RoLR event occurs.~~

TRANSACTION 900		
Heading/Column designator	Mandatory / Optional	Comment
NMI	M	Must be present
NMI_Checksum	M	Must be present
Person_Name_Title	O	Contains customer's title
Person_Name_Given	O	Contains customer's first name
Person_Name_Family	O	Contains customer's surname if Business-Name is not populated
Business_Name	O	Contains company or business name, required if Person_Name_Family is not populated
Building_OrProperty_Name_1	O	Defines the building or Property name as per the Australian Standard AS4590
Building_OrProperty_Name_2	O	Defines the building or Property name as per the Australian Standard AS4590
ContactDetail_PersonName	O	Contains contact's mailing name or company name
Flat_Or_Unit_Type	O	This relates to the site of the MIRN
Flat_Or_Unit_Number	O	This relates to the site of the MIRN
Floor_Or_Level_Type	O	This relates to the site of the MIRN
Floor_Or_Level_Number	O	This relates to the site of the MIRN
Location_Description	O	This relates to the site of the MIRN
House_Number_1	O	This relates to the site of the MIRN
House_Number_2	O	This relates to the site of the MIRN
House_Number_Suffix_1	O	This relates to the site of the MIRN
House_Number_Suffix_2	O	This relates to the site of the MIRN
Lot_Number	O	This relates to the site of the MIRN
Street_Name_1	M	This relates to the site of the MIRN

TRANSACTION 900		
Heading/Column designator	Mandatory / Optional	Comment
Street_Name_2	O	This relates to the site of the MIRN
Street_Type_1	M	This relates to the site of the MIRN
Street_Type_2	O	This relates to the site of the MIRN
Street_Suffix_1	O	This relates to the site of the MIRN
Street_Suffix_2	O	This relates to the site of the MIRN
Site_Address_City	M	This relates to the site of the MIRN
Site_Address_State	M	This relates to the site of the MIRN
Site_Address_Postcode	M	This relates to the site of the MIRN
Mail_Address_Line_1	O	Contains formatted postal address details
Mail_Address_Line_2	O	Contains formatted postal address details
Mail_Address_Line_3	O	Contains formatted postal address details
Suburb_Or_Place_Or_Locality	O	Contains formatted postal address details
State_Or_Territory	O	Contains formatted postal address details
Postcode		Contains formatted postal address details
ContactDetail_PhoneNumber_1	O	Contains contact's primary phone number
ContactDetail_PhoneNumber_2	O	Contains contact's secondary phone number
Rebate_Code	O	Allowed Codes: Nil.
Pensioner_Or_HealthCare_CardNumber	O	10 – string Nine Numeric and one alpha unique identifier as issued by the Dept. of Social Security or Veterans' Affairs.
From_Date	O	Effective date at which the card is valid
To_Date	O	Date at which the card expires
Date_Of_Birth	O	Customer's date of Birth
Customer_Identification	O	12 – string. Contains Customer's Driver's license
RoLR	M	Default RoLR

## 2. Customer and Site Details (T970)

The T970 is a file that AEMO provide the designated RoLR(s) to manage the transfer and set up of customers in their systems. AEMO will provide this in [the CSV format outlined below](#).

Name	Data Type	No nulls	Primary Key	Comments
mirn	Varchar(10)	True	True	MIRN
checksum	tinyint	True	False	MIRN Checksum
bl	numeric(18,9)	True	False	Base load
tsf	numeric(18,9)	True	False	Temperature sensitivity
person_name_title	Varchar(12)	False	False	Contains customer's title
person_name_given	Varchar(40)	False	False	Contains customer's first name
person_name_family	Varchar(40)	False	False	Contains customer's surname if Business-

				Name is not populated
business_name	Varchar(60)	False	False	Contains company or business name, required if Person_Name_Family is not populated
building_orproperty_name_1	Varchar(36)	False	False	Defines the building or Property name as per the Australian Standard AS4590
building_orproperty_name_2	Varchar(36)	False	False	Defines the building or Property name as per the Australian Standard AS4590
contactdetail_personname	Varchar(60)	False	False	Contains contact's mailing name or company name
flat_or_unit_type	varchar(25)	False	False	Code that defines the type of flat or unit as per Australian Standard AS4590-1999 e.g APT, DUP, SHED, SHOP, VLLA
flat_or_unit_number	varchar(25)	False	False	Defines the flat or unit number as per Australian Standard AS4590-1999
floor_or_level_type	varchar(25)	False	False	Code that defines the floor or level type as per Australian Standard AS4590-1999. Allowable codes include B, FL, G, LG, M, UG
floor_or_level_number	varchar(25)	False	False	Defines the floor or level number as per Australian Standard AS4590-1999
location_description	varchar(25)	False	False	Defines the location descriptor as per Australian Standard AS4590-1999. This is a catch-all field for non standard address information
house_number_1	varchar(25)	False	False	Defines the house number as per Australian Standard AS4590-1999 (The combination of House Number and House Number Suffix may occur up to two times)
house_number_2	varchar(25)	False	False	Defines the house number as per Australian Standard AS4590-1999 (The combination of House Number and House Number Suffix may occur up to two times)
house_number_suffix_1	varchar(25)	False	False	Defines the house number suffix as per Australian Standard AS4590-1999 (The combination of House Number and House Number Suffix may occur up to two times) This field may only contain alphanumeric characters
house_number_suffix_2	varchar(25)	False	False	Defines the house number suffix as per Australian Standard AS4590-1999 (The combination of House Number and House Number Suffix may occur up to two times) This field may only contain alphanumeric characters
lot_number	varchar(25)	False	False	Defines the lot number as per Australian Standard AS4590-1999
street_name_1	varchar(30)	False	False	Defines the street name as per Australian Standard AS4590-1999 (The combination of Street Name, Street Type and Street Suffix may occur up to two times) This field may only contain letters, numbers, hypens ('-') and spaces.

street_name_2	varchar(30)	False	False	Defines the street name as per Australian Standard AS4590-1999 (The combination of Street Name, Street Type and Street Suffix may occur up to two times) This field may only contain letters, numbers, hypens ('-') and spaces.
street_type_1	varchar(25)	False	False	A code that defines the street type as allowed for use in MSATS
street_type_2	varchar(25)	False	False	A code that defines the street type as allowed for use in MSATS
street_suffix_1	varchar(2)	False	False	A code that defines the street suffix as per the Australian Standard AS4590-1999. Allowable codes include CN, E, EX, LR, N, NE, NW, S, SE, SW, UP, W
street_suffix_2	varchar(2)	False	False	A code that defines the street suffix as per the Australian Standard AS4590-1999. Allowable codes include CN, E, EX, LR, N, NE, NW, S, SE, SW, UP, W
site_address_city	varchar(29)	False	False	Defines the suburb or locality as per the Australian Standard AS4590-1999
site_address_state	varchar(3)	False	False	A code that defines the state as per the Australian Standard AS4590-1999. e.g AAT, ACT, NSW, NT, QLD, SA, TAS, VIC, WA
site_address_postcode	varchar(4)	False	False	Defines the postcode as per the Australian Standard AS4590-1999. This field may only contain 3 numbers.
mail_address_line_1	varchar(80)	False	False	Contains formatted postal address details
mail_address_line_2	varchar(80)	False	False	Contains formatted postal address details
mail_address_line_3	varchar(80)	False	False	Contains formatted postal address details
suburb_or_place_or_locality	varchar(46)	False	False	Contains formatted postal address details
state_or_territory	varchar(3)	False	False	Contains formatted postal address details
postcode	varchar(4)	False	False	Contains formatted postal address details
contactdetail_phonenumber_1	varchar(15)	False	False	Contains contact's primary phone number
contactdetail_phonenumber_2	varchar(15)	False	False	Contains contact's secondary phone number
rebate_code	varchar(4)	False	False	Allowed Codes: PC Pension Card HCC Health Care Card HBC Health Benefits Card VAC Veterans Affairs Card
pensioner_or_healthcare_cardnumber	varchar(15)	False	False	10 - string Nine Numeric and one alpha unique identifier as issued by the Dept. of Social Security or Veterans' Affairs
from_date	Datetime	False	False	Effective date at which the card is valid. e.g. dd mmm yyyy
to_date	datetime	False	False	Date at which the card expires. e.g. dd mmm yyyy
date_of_birth	datetime	False	False	Customer's date of Birth. e.g. dd mmm yyyy
customer_identification	varchar(12)	False	False	Contains Customer's Driver's license
rolr	Varchar(12)	True	False	Default Retailer

During the work around period, this file will be sourced manually and provided to the designated RoLR(s) as soon as practicable but no later than 10 business days after the RoLR event.

### 3. List of RoLR transfers (T980 / INT603)

After a RoLR event has occurred, AEMO will provide the network operator a list of the MIRNs that have been transferred away from the failed retailer to the designated RoLR(s). AEMO will provide this in [the CSV format outlined below](#).

Name	Data Type	No Nulls	Primary Key	Comments
mirn	Varchar(10)	True	True	MIRN
checksum	tinyint	True	False	MIRN Checksum
frb	Varchar(12)	True	False	Failing Retailer Business. e.g ENERGYAUST
rolr	Varchar(12)	True	False	Designated retailer. E.g ORIGIN
rolr_date	Datetime	True	False	e.g. yyyy-mm-dd : Date Designated RoLR became FRO

~~During the work around period, AEMO will preclude transfers to the failed retailer. This work will be completed manually and provided to the network operator as soon as practicable but no later than 10 business days after the RoLR event.~~

#### 4. MIRN Standing Data (T1000)

In order for the designated RoLR(s) to manage the customer set up following a RoLR event, the network operator is to provide 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 ~~DBs~~ [network operator](#) in the T980.

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

The following file naming convention is to be used:

SAGAS\_MIRNSTANDINGDATA\_OriginatorID\_RecipientID\_CCYYMMDDHHmmSS

Transaction 1000		
Heading/Column designator	Mandatory / Optional	Comment
NMI	M	Must be present
NMI_Checksum	M	Must be present
Distribution_Tariff	O	Required if meter is attached
Transmission_Zone	O	
Heating_Value_Zone	O	
Customer_Characterisation	O	Required if basic meter attached
Customer_Classification_Code	O	Required if provided by Retailer
<del>Customer</del> Consumption_Threshold_Code	O	
MIRN_Status	O	

Transaction 1000		
Heading/Column designator	Mandatory / Optional	Comment
Meter_Serial_Number	O	Required if meter is attached
Pressure_Correction_Factor	O	Required if meter is attached
Meter_Status	O	Required if meter is attached
Supply_Point_Code	O	Required if meter is attached
Current_Read_Date	O	Required if Basic Meter is attached.
Next_Scheduled_Read_Date	O	Required if Basic Meter is attached.
Meter_Read_Frequency	O	Required if Basic Meter is attached.
Next_Scheduled_Special_Read_Date	O	Optional if Basic Meter is attached. Populated if there is a Special Read appointment booked against this MIRN.
Communication_Equipment_Present	O	Required if Interval Meter is attached.
Excluded_Services_Charges_Charge_Item_Category	O	Only used for Interval meters. This information may be provided in a subsequent NMIDiscoveryResponse message if the AdditionalDataToFollow element is set to "true".
Excluded_Services_Charges_Charge_Item_Amount	O	Only used for Interval meters. This information may be provided in a subsequent NMIDiscoveryResponse message if the AdditionalDataToFollow element is set to "true".
Excluded_Services_Charges_Charge_Item_Expiry_Date	O	Only used for Interval meters. This information may be provided in a subsequent NMIDiscoveryResponse message if the AdditionalDataToFollow element is set to "true".

**Note:** The Address, AdditionalDataToFollow and Event elements has not been replicated in T1000 from the original aseXML transaction T281.

~~During the work around period the network operator will be completing this manually. Therefore, the network operator will provide this as soon as practicable to the designated RoLR(s) no later than 10 business days after receiving the T980 file from AEMO.~~

### 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 DBs [network operator](#) in the T980.

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

The following file naming convention is to be used:

SAGAS\_ACCOUNTCREATION\_OriginatorID\_RecipientID\_CCYYMMDDHHmmSS

Transaction 1005		
Heading/Column designator	Mandatory/Optional	Comment
NMI	M	Must be present
NMI_Checksum	M	Must be present
Meter_Serial_Number	M	
Meter_Type_Size_Code	M	
Current_Index_Value	M	
Current_Read_Date	M	
Scheduled_Reading_Day_Number	M	
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

~~During the work around period the network operator will be completing this manually. Therefore, the network operator will provide this as soon as practicable to the designated RoLR(s) no later than 10 business days after receiving the T980 file from AEMO.~~

## 6. Customer and Site Details from FRB to RoLR (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 via CD.](#)

The following file naming convention is to be used:

SAGAS\_CUSTOMERSITEDetailsFRB\_OriginatorID\_RecipientID\_CCYYMMDDHHmmSS

Transaction 1010		
Heading/Column designator	Mandatory / Optional	Comment
NMI	M	Must be present

<b>Transaction 1010</b>		
Heading/Column designator	Mandatory / Optional	Comment
NMI_Checksum	M	Must be present
Person_Name_Title	O	Contains customer's title
Person_Name_Given	O	Contains customer's first name
Person_Name_Family	O	Contains customer's surname if Business-Name is not populated
Business_Name	O	Contains company or business name, required if Person_Name_Family is not populated
Building_OrProperty_Name_1	O	Defines the building or Property name as per the Australian Standard AS4590
Building_OrProperty_Name_2	O	Defines the building or Property name as per the Australian Standard AS4590
ContactDetail_PersonName	O	Contains contact's mailing name or company name
Flat_Or_Unit_Type	O	
Flat_Or_Unit_Number	O	
Floor_Or_Level_Type	O	
Floor_Or_Level_Number	O	
Location_Description	O	
House_Number_1	O	
House_Number_2	O	
House_Number_Suffix_1	O	
House_Number_Suffix_2	O	
Lot_Number	O	
Street_Name_1	M	
Street_Name_2	O	
Street_Type_1	M	
Street_Type_2	O	
Street_Suffix_1	O	
Street_Suffix_2	O	
Site_Address_City	M	

Transaction 1010		
Heading/Column designator	Mandatory / Optional	Comment
Site_Address_State	M	
Site_Address_Postcode	M	
Mail_Address_Line_1	O	Contains formatted postal address details
Mail_Address_Line_2	O	Contains formatted postal address details
Mail_Address_Line_3	O	Contains formatted postal address details
Suburb_Or_Place_Or_Locality	O	Contains formatted postal address details
State_Or_Territory	O	Contains formatted postal address details
Postcode		Contains formatted postal address details
ContactDetail_PhoneNumber_1	O	Contains contact's primary phone number
ContactDetail_PhoneNumber_2	O	Contains contact's secondary phone number
Rebate_Code	O	Nil
Pensioner_Or_HealthCare_CardNumber	O	10 –string - Nine Numeric and one alpha unique identifier as issued by the Dept. of Social Security or Veterans' Affairs
From_Date	O	Effective date at which the card is valid
To_Date	O	Date at which the card expires
Date_Of_Birth	O	Customer's date of Birth
Customer_Identification	O	Contains Customer's Driver's license
RoLR	M	Default RoLR

~~This data must be provided within the timeframes specified in the Retail Market Procedures (South Australia).~~

#### ~~7. Basic Meter Metering Data Wholesale Market data (T1020)~~

~~After a RoLR event has occurred, AEMO will provide the designated RoLR(s) information in order for their business to complete its Wholesale Market nominations. This is specified in the STTM MIS Report Specification AEMO will provide this in CSV format.~~

~~During the work around period AEMO will be compiling this data manually. Therefore, AEMO will provide this as soon as practicable to the designated RoLR(s) but no later than 2 business days after the RoLR event.~~

#### ~~Interval Meter Metering Data (T1030)~~

~~After a RoLR event has occurred, AEMO will provide the designated RoLR(s) information in order for their business to complete its Wholesale Market nominations. AEMO will provide this in CSV format.~~

~~During the work-around period AEMO will be compiling this data manually. Therefore, AEMO will provide this as soon as practicable to the designated RoLR(s) but no later than 2 business days after the RoLR event.~~

### 8. List of Cancelled Service Orders (T1050)

This data can be delivered by the network operator to the designated RoLR via CD or e-mail an agreed method between the parties. If delivery is via e-mail then the standard format is to apply.

The following service order codes eligible for Network Operator cancellation in a RoLR event are: MAP; MRG; MRF; MRT; OTH; RSR; UMS; USR; AML; DSD and MHA. All other service orders must be actioned as per business as usual processes.

Below is an example if Envestra is sending the file:

*E-mail address:*

*Subject Line:*

“SAGAS\_SERVICE\_ORDERS\_INFLIGHT\_ENVESTRA\_20080730131500”

*CSV Attachment:*

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

Transaction 1050		
Heading/Column designator	Mandatory / Optional	Comment
NMI	M	Must be present
NMI_Checksum	M	Must be present
Job Enquiry Code	M	
Flat_Or_Unit_Type	O	
Flat_Or_Unit_Number	O	
Floor_Or_Level_Type	O	
Floor_Or_Level_Number	O	
Location_Description	O	
House_Number_1	O	
House_Number_2	O	
House_Number_Suffix_1	O	
House_Number_Suffix_2	O	
Lot_Number	O	
Street_Name_1	M	

Transaction 1050		
Heading/Column designator	Mandatory / Optional	Comment
Street_Name_2	O	
Street_Type_1	M	
Street_Type_2	O	
Street_Suffix_1	O	
Street_Suffix_2	O	
Site_Address_City	M	
Site_Address_State	M	
Site_Address_Postcode	M	
Postcode		Contains formatted postal address details
Special Job Instructions	M	

~~During the work around period the network operator will be completing this manually. Therefore, the network operator will provide this as soon as practicable to the designated RoLR(s) no later than 10 business days after the RoLR event.~~

### 9. List of AEMO Meter Fixes (T1060)

After a RoLR event has occurred, AEMO will provide the designated RoLR(s) meter fix information. AEMO will provide this in CSV format to the designated RoLR.

~~During the work around period, this information will be provided as soon as practicable after a RoLR event has occurred, but no later than 15 business days after the RoLR event.~~

<u>CSV HEADER ROW</u>	<u>CONTENT</u>
<u>MIRN</u>	<u>The MIRN.</u>
<u>checksum</u>	<u>The MIRN checksum.</u>
<u>Baseload</u>	<u>The Baseload – if not applicable, "NULL"</u>
<u>Temperature_Sensitivity_Factor</u>	<u>The temperature sensitivity factor - if not applicable, "NULL".</u>
<u>Network_Id</u>	<u>The SA sub-network id.</u>
<u>MIRN_Status</u>	<u>Can be either "Commissioned" or "Decommissioned".</u>
<u>Party</u>	<u>Current user's GBOID.</u>
<u>Role</u>	<u>"USER" is the only value to be accepted with this transaction.</u>
<u>Date_Service_Order_Completed</u>	<u>The date the service order was completed on.</u>

### 10. RoLR CATS Accelerated MIRNs (T940 / T950 / T960)

After a RoLR event has occurred, AEMO will provide the network operator, current user and new user a list of accelerated transfers. AEMO will provide this in CSV format.

<u>CSV HEADER ROW</u>	<u>CONTENT</u>
<u>Change_Id</u>	<u>Change request Id</u>
<u>MIRN</u>	<u>The MIRN</u>
<u>Change_Reason_Code</u>	<p><u>Identify the reason for the change. Possible values are:</u></p> <p><u>0001</u>  <u>Prospective in situ: where a customer changes retailer without moving premises.</u></p> <p><u>0002</u>  <u>Prospective move in: when a customer remains with the same retailer but changes address (supply point) to one currently belonging to another retailer. This can also apply to a new customer occupying a supply point currently registered to another retailer or even when the supply point is a new one. There is no objection to a move in.</u></p> <p><u>0003</u>  <u>Correction of Transfer: to correct mistakes that may have occurred in the past</u></p>
<u>Change_Status</u>	<u>The current status of the change request</u>
<u>Actual_Change_Date</u>	<u>The actual date of transfer. e.g. dd mmm yyyy</u>
<u>Actual_End_Date</u>	<u>e.g. dd mmm yyyy</u>
<u>Role_Name</u>	<p><u>This is the role in the transfer played by the recipient of this report.</u></p> <p><u>Possible values are:</u>  <u>NO: Network Operator</u>  <u>USER C: Current User</u>  <u>USER N: New User</u></p>
<u>New_Fro</u>	<u>Contains the initiator of the Change Request only when sent to New User and Network Operator</u>

**ATTACHMENT C – PROCEDURE CHANGES  
(SEE SECTION 3)**

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

**These additions will be included in the FRC B2B System Interface Definitions for the SA and WA Gas Retail Markets under Appendix A.**

**Appendix A. Data Dictionary**

**CSV Data Elements**

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
<a href="#">Actual End Date</a>	<a href="#">Registration End Date</a>	<a href="#">In relation to a transfer request which nominates a retrospective transfer date as the proposed transfer date.</a>	<a href="#">Date</a>	<a href="#">10</a>	<a href="#">ccyy-mm-dd</a>
<a href="#">Actual Change Date</a>	<a href="#">Actual Transfer Date</a>	<a href="#">Date on which the Customer Transfer is required</a>	<a href="#">Date</a>	<a href="#">10</a>	<a href="#">ccyy-mm-dd</a>
<a href="#">Baseload</a>	<a href="#">Base Load</a>	<a href="#">Non weather sensitive Gas usage per day (MJ)</a>	<a href="#">Numeric</a>	<a href="#">9,1</a>	
<a href="#">bl</a>	<a href="#">Base Load</a>	<a href="#">Non weather sensitive Gas usage per day (MJ)</a>	<a href="#">Numeric</a>	<a href="#">18,9</a>	
<a href="#">Change Id</a>	<a href="#">Change Request ID</a>	<a href="#">Unique identifier assigned to each transfer request by CATS</a>	<a href="#">Integer</a>	<a href="#">10</a>	<a href="#">1-9999999999</a>
<a href="#">Change Reason Code</a>	<a href="#">Change Reason Code</a>	<a href="#">Identifies the type of transfer request</a>	<a href="#">String</a>	<a href="#">4</a>	<a href="#">0001 = Prospective transfer, in-situ 0002 = Prospective transfer, move in 0003 = Correction of Transfer</a>

CSV Element Name	Element Name	Description	Attributes/Format	Logical Length/Decimal Length	Allowed Values
<a href="#">Change_Status</a>	<a href="#">Change Status Code</a>	<a href="#">Describes the status of a transfer request within CATS</a>	<a href="#">String</a>	<a href="#">4</a>	<a href="#">"REQ" = Requested</a> <a href="#">"PEN" = Pending</a> <a href="#">"OBJ" = Objected</a> <a href="#">"COM" = Completed</a> <a href="#">"CAN" = Cancelled</a> <a href="#">"RCA" = RoLR Cancelled</a> <a href="#">"RCO" = RoLR Completed</a>
<a href="#">DateServiceOrderCompleted</a>	<a href="#">Date Service Request Completed</a>	<a href="#">Date on which the Service requested was completed.</a>	<a href="#">Date</a>	<a href="#">10</a>	<a href="#">ccyy-mm-dd</a>
<a href="#">Distribution_Tariff</a>	<a href="#">Distribution Tariff</a>	<a href="#">Part of the request for standing data from the Network Operator</a>	<a href="#">String</a>	<a href="#">Enum</a>	<a href="#">See allowed enumerations in aseXML element.</a>
<a href="#">frb</a>	<a href="#">Failed Retail Business</a>	<a href="#">This is the failed retailer in a RoLR event</a>	<a href="#">Varchar</a>	<a href="#">10</a>	
<a href="#">From_Date</a>	<a href="#">From Date</a>		<a href="#">Date</a>	<a href="#">10</a>	<a href="#">ccyy-MM-dd</a>
<a href="#">Network_Id</a>	<a href="#">Sub Network ID</a>	<a href="#">Sub-network Id – Unique identification of a sub-network</a>	<a href="#">Char</a>	<a href="#">4</a>	<a href="#">As defined in Appendix A.5 of the ICD.</a>
<a href="#">New_Fro</a>	<a href="#">Party</a>	<a href="#">Contains the initiator of the CATS change request, only when sent to the New User and the Network Operator</a>	<a href="#">String</a>	<a href="#">10</a>	<a href="#">As defined in the GBO ID Table, as published on the AEMO website.</a>
<a href="#">Party</a>	<a href="#">Party</a>	<a href="#">A code that identifies who the current Retailer is in relation to the Distributors Meter Register</a>	<a href="#">String</a>	<a href="#">10</a>	<a href="#">As defined in the GBO ID Table, as published on the AEMO website.</a>
<a href="#">Role</a>	<a href="#">Role</a>	<a href="#">Role of a participant in the aseXML</a>	<a href="#">String</a>	<a href="#">4</a>	<a href="#">Note: used for T1060, "USER" is the only acceptable value.</a>
<a href="#">Role_Name</a>	<a href="#">Role</a>	<a href="#">Role of a participant in the CATS transfer request process</a>	<a href="#">String</a>	<a href="#">4</a>	<a href="#">The Role may be: "USER"- Retailer</a> <a href="#">"ROLR"-Retailer of Last Resort</a> <a href="#">"NO"- Network Operator</a>
<a href="#">Temperature_Sensitivity_Factor</a>	<a href="#">Temperature Sensitivity Factor</a>	<a href="#">This contains the temperature sensitivity heating rate for the delivery point.</a>	<a href="#">Numeric</a>	<a href="#">9,2</a>	

CSV Element Name	Element Name	Description	Attributes/Format	Logical Length/Decimal Length	Allowed Values
<a href="#">tsf</a>	<a href="#">Temperature Sensitivity Factor</a>	<a href="#">This contains the temperature sensitivity heating rate for the delivery point.</a>	<a href="#">Numeric</a>	<a href="#">9,2</a>	