GAS MARKET ISSUE (GMI)

Summary Section

Issue Number	IN026/15		
Version #	1		
Impacted Jurisdiction(s)	NSW/ACT, Qld, SA, Vic		
Proponent	Mark Riley	**Company**	AGL
Proponent e-mail	mriley@agl.com.au	**Proponent phone #**	0475 805 262
Affected Gas Market(s)	• Retail	**Date lodged with AEMO.**	Tuesday, 16 June 2015
Short Issue Title	Add new Job Enquiry Codes (JEC) to the existing JEC enumeration list and adopt the applicable new aseXML schema version that contains the modified JEC enumeration list.		
Other key contact information	grcf@aemo.com.au		

VERSION #	PRESENTED TO	DATE
1	GRCF	18 May 2020

GAS MARKET ISSUE – DETAILED REPORT SECTION

1. DESCRIPTION OF ISSUE

During the NSW/ACT Retail Gas Project (NARGP), it was identified that the existing list of valid Job Enquiry Code (JEC) used within the Service Order Request and Service Order Response transactions was limited. Having a limited choice of JEC meant that the JEC value "OTH" (Other) and the special comment field is used to communicate what field work needed to be performed, rather than having a designated JEC on its own. Examples include – a meter size downgrade request, - change the meter regulator. Because of NARGP timing constraints the GRCF decided to park the idea of adding of new JECs until an uplift of the aseXML schema emerged.

Section 3 of this GMI describes a list of the new JEC to be added for use in the east coast gas retail market.

2. REFERENCE DOCUMENTATION

2.1. Technical Protocol (TP) documentation

Attachment A provides a detailed summary of the changes to each of the TP documents. Note : Only Ref #1 and Ref #2 (Participant Build Pack 1 – Table of transactions and Gas Interface Protocol (GIP) for Victoria has been prepared showing the marked up changes (See Attachment B).

2.2. Schema Release documentations

Click here to view the index of Schema Releases from r28 to r38 inclusive.

3. PRIORITISATION AND TIMELINES

Given AEMO has now published its Impact and Implement Report (IIR) recommending adding Gas Life Support (GLS) transactions and the associated uplift of the aseXML schema version, now is the appropriate time for the GRCF to consider whether it is beneficial to add new JECs and if so, bundle these new JEC codes into the GLS release which is currently targeted for a Oct - Dec 2021.

It is also worth noting that Western Australia gas retail market is also considering adding new JECs to support ATCO new metering disconnection method involving the application of a Trailer Air Coupling (TAC) isolation device (See Gas Retail Market (GMI) IN002/15W).

4. SPECIFIC PROPOSAL

This proposal involves adding to the existing JEC aseXML enumerated list to include the following new values:

Work Type	Description	Used in the following jurisdictions	Proposed JEC
Downgrade Meter Size	Downgrade a meter size	All except WA	DMS

Regulator Change	A request to change the regulator due to faults, time expiration or increase required	All except WA	RCH
Trailing air Coupling Installation	New Disconnection Method - Trailing Air Coupling	WA only	TCI
Trailing air Coupling Removal	New Reconnection Method	WA only	TCR
Recipient Discretion Reconnection	A generic reconnection SO to allow a Distributor to undertake a reconnection of any service disconnection up to, but not including, a street disconnection. To be used where there may be more than one form of service disconnection undertaken.	All except WA	RDR

See attachment A that describes the changes to all the Technical Protocol (TP) procedures. Attachment B shows the marked-up changes to the Victorian TP.

Section 5 contain a summary of what AEMO envisages will be the system impact on AEMO, Retailers, and Distributors. This change will not impact participants who fall into the Self Contracting User (SCU) registerable capacity under the National Gas Rules (NGR).

5. IMPACTS OF CHANGE

Effect on Retailers and Distributors

It is anticipated that all Retailers and Distributors will need to make the following IT system changes:

- Modify gas gateways to send and receive transactions in the new aseXML schema version that will contain the updated JEC asexML enumeration list.
- Incorporate the new JECs into gas retail market systems.
- One month prior to the implementation date, complete a recertification process on all impacted transactions in accordance with process described in the Gas FRC B2B Connectivity Testing and System Certification.

Effect on AEMO

<u>FRC Hub changes</u>

- AEMO will need to ensure that transactions with the new aseXML schema version containing the updated JEC asexML enumeration list that can pass through the FRC Hub.

<u>AEMO will need to make the following IT system changes:</u>

- Modify AEMO's gas gateways (including those managed by CGI, AEMO's outsourced service provider for NSW/ACT and SA gateways) so they have the capability to send and receive new aseXML schema version transactions.

- Modify the pre-production/certification environment responders to support the new aseXML schema version transactions.
- One month prior to the implementation date, complete a recertification process on all impacted transaction in accordance with process described in the Gas FRC B2B Connectivity Testing and System Certification document.

In addition to these technical changes, AEMO will prepare a schema manifest document that summaries each schema version change and will also facilitate the coordinated release program, as it has done for prior gas retail market aseXML schema uplift changes. AEMO is targeting to have a schema manifest document before Q3 2020.

Implementation timeframes

In terms of an implementation timeframe, the optimal and most cost-effective timeline would be to bundle this change with the GLS changes. For GLS the most practical option for AEMO and potentially participants is Q4 2021, with Q4 2020 as the secondary option.

6. LIKELY BENEFITS

The likely benefit will be:

- reduced manual effort by Distributors to sort SORs that have been flagged as "OTH";
- improved record keeping on what field work has been undertaken at a site.

7. IMPACT OF ISSUE NOT PROCEEDING

Continue to use "OTH" and the special comments fields for the field work requests mentioned in section 4 of this GMI. This means Distributors will need to continue with the manual sorting of the "OTH" request into the appropriate field work categories for service teams to action.

Reporting of the type of SORs being undertaking will continued to be unclear because of the overuse of the "OTH" JEC.

8. SUPPORTING DOCUMENTATION

See attached.

Attachment A - TECHNICAL PROTOCOL CHANGES

The following table lists Technical Protocol (TP) documents that need to be amended. The table also in a summary of the changes. Attachment B contains a draft version of the TP for Victoria showing tracked changes between the current version and the proposed changes.

Ref#	Title of document and any notes.	Current Ver #	Summary of the change
Victoria			
1	Participant Build Pack 1 - Table of Transactions, Table of Elements, List of Job Enquiry Codes, Address Elements and MIRN and Meter states. Marked up showing differences between current version. See attachment B. .	3.5	1. Add the new JECs to the list of Job Enquiry Codes tab on the spreadsheet
2	Gas Interface Protocol – Victoria	21.0	1. Update the version number for the changed artefacts mentioned above. 2. Update the aseXML schema version to be whatever version of the schema that contains the updated JEC enumerated list which will be a version above the current available version being R38 (as of 11 May 2020).

Ref#	Title of document and any notes.	Current Ver #	Summary of the change
	Marked up changes showing differences between current version. See attachment B.		
Queensland			
3	Gas Interface Protocol – QLD Marked up changes showing differences between current version will be provided at the PPC stage if the proposal is agreed at the GMI stage.	20.0	1. Update the version number for the changed artefacts mentioned above. 2. Update the aseXML schema version to be whatever version of the schema that contains the updated JEC enumerated list which will be a version above the current available version being R38 (as of 11 May 2020).
NSW/ACT			
4	NSW/ACT specific Participant Build Pack 5 Marked up changes showing differences between current version will be provided at the PPC stage if the proposal is agreed at the GMI stage.	5.0	1. Update Appendix G (Table of Transactions – Job Enquiry Codes) to include the new JEC values.
5	NSW/ACT Wagga Wagga and Tamworth specific Participant Build Pack 6	3.0	1. Update Appendix G (Table of Transactions – Job Enquiry Codes) to include the new JEC values

Ref#	Title of document and any notes.	Current Ver #	Summary of the change
	Marked up changes showing differences between current version will be provided at the PPC stage if the proposal is agreed at the GMI stage.		
6	Gas Interface Protocol – NSW/ACT Marked up changes showing differences between current version will be provided at the PPC stage if the proposal is agreed at the GMI stage.	9.0	1. Update the version number for the changed artefacts mentioned above. 2. Update the aseXML schema version to be whatever version of the schema that contains the updated JEC enumerated list which will be a version above the current available version being R38 (as of 11 May 2020).
South Australia			
7	B2B Service Order Specifications - Part 1 Marked up changes showing differences between current version will be provided at the PPC stage if the proposal is agreed at the GMI stage.	2.3	1. Add a new JEC to the table titled Service Order Request Elements - South Australia.
8	AEMO Specification Pack-Specification Pack Usage Guidelines	8.1	1. Update the version number for the changed artefacts mentioned above. 2. Update the aseXML schema version to be whatever version of the schema that contains the updated JEC enumerated list which will be a version above the current available version being R38 (as of 11 May 2020).

Ref#	Title of document and any notes.	Current Ver #	Summary of the change
	Marked up changes showing differences between current version will be provided at the PPC stage if the proposal is agreed at the GMI stage.		

ATTACHMENT B – DOCUMENTATION CHANGES (SEE SECTION 2)

Draft version of the Victorian technical protocol showing tracked changes between the current version and the proposed changes are attached separately to this document.