



PROCEDURE CHANGE REQUEST WA (PCR-WA) – SUMMARY SECTION
(For Proponent or AEMO to complete. Template focuses on solution identification.)

Procedure Change Number	IN003/18W		
Impacted jurisdiction(s)	Western Australia		
Proponent	Nandu Datar	Company	AEMO
Proponent e-mail	Nandu.datar@aemo.com.au	Proponent phone	03 9609 8851
Date proposal (GMI) sent to AEMO	1 May 2018		
Date PCR issued/received	29 August 2018		
Short Title	Proposed changes to resolve a minor inconsistency with the FRC B2B System Interface Definition documentation.		
Other key contact information	pccwa@aemo.com.au		

PROCEDURE CHANGE REQUEST WA (PCR - WA) – DETAILED REPORT SECTION

<p>1. Description of change(s) and reasons for change(s)</p>	<p>Issue:</p> <p>In February 2018, ATCO and Synergy raised an enquiry with AEMO about transactions being rejected that contained a flat or unit type value of 'BLDG'. Upon investigation, AEMO identified that 'BLDG' is not one of the current list of allowable values in one of AEMO's WA IT systems known as the Low Volume Interface (LVI). AEMO's WA IT system has been configured to align with the flat or unit types specified in the FRC B2B System Interface Definition document (see Attachment A). 'BLDG' is not specified as a unit or flat type in this document.</p> <p>AEMO has had discussions with ATCO and CGI about this issue. Those discussions revealed that in 2016/2017, there was an industry wide clean-up of the street types including the flat or unit type. At that time WA participants, updated their IT systems with the schema file enumerations 6.0. It appears that the then WA scheme administrator (REMCo) was unaware that the clean-up process introduced additional valid flat types. Consequently, the WA scheme documentation was not updated and therefore not in sync with participants systems¹. It also appears that REMCo's (now AEMO's) IT service provider (CGI) was not advised to make the change to the WA IT system.</p> <p>Proposal:</p> <p>To resolve this issue, AEMO initially proposed 3 options as follows:</p> <ul style="list-style-type: none">• Option 1 – Remove the specific attribute from the interface document, and instead adopt the concept used in other jurisdictions. This concept uses the rapid change process described in the ASWG Change Management Process Guide.• Option 2 - Update the FRC B2B system interface document with the new attribute. A Procedure Change Consultation will be required for any changes.• Option 3 - Removing the "hardwiring" of technical attributes from the AEMO Specification Pack and replace with AEMO publishing on its website a note advising that WA has elected to use Enumerations.xsd version 6.0 for address enumeration values. <p>Most participants supported Option 1.</p> <p>Option 1 proposed that the WA jurisdiction adopt the streamlined process described in section 2.1.2 of the aseXML Standards Working Group (ASWG) Change</p>
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¹ Whilst not conclusive AEMO believes that Alinta, AGL and OE have their IT systems aligned with the FRC B2B System Interface Definition document rather than ver 6 of the Enumeration file.

	<p>Management Process document. Click here to view this document. This process permits any participant to raise a change request for the addition of any new address type attributes.</p> <p>The address type attributes are:</p> <ul style="list-style-type: none"> • AustralianStreetType; • AustralianStreetSuffix; • AustralianFlatOrUnitType; • AustralianFloorOrLevelType; and • AustralianPostalDeliveryType. <p>ASWG is a committee that approves any addition to the address attributes. Click here to view the ASWG terms of reference.</p> <p>The Network Operator ATCO did not support aligning WA's address attributes with AEMO's current version of the enumerations. ATCO's view was that addressing the standards set by the statutory authority of the Western Australian Land Information Authority (Landgate) must be adhered to. ATCO's view was that including a new addressing attribute (added in another jurisdiction which isn't prescribed by Landgate), cannot be added into WA because it would jeopardise the WA standard.</p> <p>AEMO proposed a forth option (Option 4) that included Option 1 RMP changes and also included details about publishing the WA list of prescribed address attributes on AEMO website. (Refer Attachment C)</p>
<p>2. Reference documentation</p> <ul style="list-style-type: none"> ▪ Retail Market Procedures (the "Procedures"); ▪ AEMO Business/Information Specification Pack Reference; and/or ▪ Other Reference 	<p>Retail Market Procedures (WA) version 4.0 FRC B2B System Interface Definition version 4.3; and Specification Pack User Guide version 4.7.</p>
<p>3. The high level details of the change to the existing Procedures</p> <p>This includes:</p> <ul style="list-style-type: none"> ▪ A comparison of the existing operation of the Procedures to the proposed change to the operation of the Procedures. ▪ A marked up version of the proposed Procedure change (see Attachment A). 	<p>Modify the RMP WA to include a definition for 'address based identifiers'. Update clause 14 to describe a process to be followed for adding an address-based identifier (refer Attachment A).</p> <p>Modify FRC B2B System Interface Definition to remove specific reference to address attributes (refer Attachment B).</p>

4. Consequences for making or not making the change(s)	<p>Transactions will not be processed in a timely fashion potentially resulting in customer complaints.</p> <p>Increased likelihood of compliance breaches emerging as IT systems could be inconsistent with the AEMO Specification Pack.</p>
5. Explanation regarding the order of magnitude of the change(s) (e.g. material, non-material or non-substantial)	<p>AEMO will require minor system changes to incorporate the attributes currently not in schema R13 and recertify. Participants who haven't applied enumeration file version 6.0 will need to make IT system changes and recertification if required.</p> <p>AEMO considers the order of magnitude of this change is 'non-substantial'.</p>
6. Likely benefits for industry as a whole	<p>Transactions that have address attribute fields can be processed without hindrance as the validation criteria will be in sync with the documentation.</p> <p>This change will allow customers to be serviced expediently as the technical issues will be resolved.</p>
7. The likely implementation effect of the proposal Procedure change(s) on Industry in general and/or any identified parties (e.g. end-users)	<p>The preferred option will make it easier to add a new address attribute without going through a Chapter 9 consultation process.</p> <p>AEMO and potentially some participants will need to make minor IT system changes.</p>
8. Testing requirements	Recertification by AEMO and participants
9. Supporting documentation (attach if necessary)	See attachments
10. If applicable, a proposed effective date for the proposed Procedure change(s) to take effect and justification for that timeline.	<p>Subject to all necessary approval's AEMO is targeting to implement this initiative in late January 2019.</p> <p>To achieve this AEMO proposes the following timeline:</p> <ul style="list-style-type: none"> • Issue PCR 29 August 2018; • Submission on PCR close 27 September 2018; • Issue IIR 12 October 2018; • Submission on IIR 12 November 2018; • AEMO decision on whether to submit the change to ERA late November 2018; and • Target effective date of late March 2019.

ATTACHMENT A – DOCUMENTATION CHANGES (SEE SECTION 3)

Retail Market Procedures (WA)

All amendments to the Procedure are change marked, where underlining (blue) represents an addition, and ~~strike (red)~~ through represents a deletion.

2. Definitions

“address based identifiers” in relation to the address standard specified in the AEMO Specification Pack, the attributes that make up the address based identifiers are street type, street suffix, flat or unit type, floor or level type and postal delivery type.

14. Other instruments

- (1) Each person required to comply with these *procedures*, must also comply with the following documents (as applicable):
 - (a) the *AEMO Specification Pack*, but not the portions of the *AEMO Specification Pack* that apply only in South Australia; and
 - (b) *FRC Hub Operational Terms and Conditions*.
- (2) For the avoidance of doubt, Chapter 9 and the *procedure* change process under these *procedures* do apply to any amendment made to the documents listed in clause 14(1)(a), but not to the document listed in 14(1)(b) or to the portions of the *AEMO Specification Pack* that apply only in South Australia.
- (3) In the event of any inconsistency between the provisions of these *procedures* and either of the documents listed in clause 14(1), the inconsistency is to be resolved by giving precedence to these *procedures* and then each of the other documents shall be read in the order of precedence as listed in clause 14(1).
- (4) AEMO must publish the *AEMO Specification Pack* and the *FRC Hub Operational Terms and Conditions*, as amended from time to time.
- (5) If a User or Network Operator or AEMO becomes aware of an addition to the aseXML Schema enumerated address based identifiers, as soon as practicable after becoming aware of the change the relevant User or Network Operator or AEMO must:
 - (a) ensure that this new address based identifier is added to the aseXML Schema enumerated address based identifiers using the rapid change process as set out in the ASWG Change Management Process as published on the AEMO website; and
 - (b) where there has been an update to the aseXML Schema enumerated address based identifiers, provide a notice via the FRC Hub broadcast email distribution list that an addition to the list has been implemented; and
 - ~~(c)~~ where a User or Network Operator or AEMO has received a notice as set out in clause 14(5)(b), AEMO all Users or Network Operator must use reasonable endeavours to implement the updated enumerations file within 10 business days but no later than 35 business days.

ATTACHMENT B – DOCUMENTATION CHANGES (SEE SECTION 3)

FRC B2B System Interface Definition

Appendix A. Data Dictionary

CSV Data Elements

CSV Element Name	Element Name	Description	Attributes /Format	Logical Length/Decimal Length	Allowed Values
Flat_Or_Unit_Type	Flat Or Unit Type (Address Elements)	Defines the type of flat or unit as per Australian Standard AS4590	String	4	For-SA See aseXML data element address For-WA "APT", "CTGE", "DUP", "FY", "F", "HSE", "KSK", "MSNT", "MB", "OFF", "PTHS", "RM", "SHED", "SHOP", "SITE", "SL", "STU", "SE", "TNHS", "U", "VLLA", "WARD", "WE"
Floor_Or_Level_Type	Floor Or Level Type (Address Elements)	Defines the floor or level type as per Australian Standard AS4590	String	2	For-SA See aseXML data element address For-WA "B", "FL", "G", "L", "LG", "M", "UG"
Street_Suffix_1 Street_Suffix_2	Street Suffix (Address Elements)	Defines the street suffix as per Australian Standard AS4590	String	2	For-SA See aseXML data element address For-WA "CN", "E", "EX", "LR", "N", "NE", "NW", "S", "SE", "SW", "UP", "W" Note: Street_Suffix_2 is not used in WA.
Street_Type_1 Street_Type_2	Street Type (Address Elements)	Defines the street type as per Australian Standard AS4590	String	4	See aseXML data element address. Note: Street_Type_2 is not used in WA.

Appendix A. Data Dictionary

aseXML Data Elements¹

aseXML Element Name	Element Name	Description	Attributes /Format	Length/Decimal Places	Allowed Values
Address	Address	Supply Point address in aseXML structured format. The allowed values and formats for address elements are contained within the aseXML Schema (in 'Enumerations.xsd' and 'ClientInformation.xsd').			For WA, details about what address attributes to apply, please refer to the WA list of address attributes spreadsheet published on AEMO website
AdjustmentReasonCode	Adjustment Reason Code	A code that the Network Operator provides to the	String	Enum	"Under Read"

ATTACHMENT C – DOCUMENTATION CHANGES (SEE SECTION 3)

WA List of Address Attributes

The attached spreadsheet is version 1.0 of the WA list of address attributes that will take effect once the RMP changes are approved. The spreadsheet shows comparison between Enumerations V 6.0 and schema R13 currently used by WA LVI. It shows the attributes that need to be added to schema R13.



WA address
attributes version 1