

SCHEMA MANIFEST FOR GAS RETAIL MARKET TRANSITION TO ASEXML SCHEMA VERSION R45

Version History

VERSION	DATE	CHANGE
0.1	6/12/24	Initial draft for Package 1 B2B Changes consultation
0.2	3/3/25	Updated version for Package 1 B2B Changes IIR: <ul style="list-style-type: none">- Inclusion of r45 aseXML- Inclusion of GasEnumerations.xsd created in r40- Removal of transactions impacted (refer to Package 1 Gas Retail B2B Changes IIR)
1.0	26/3/25	Updated following r45 aseXML schema published to AEMO website.

1. PURPOSE

The purpose of this document is to provide a guide for schema releases r41 through r45. This document is a guideline only; schema release notes are authoritative and take precedence over this document.

2. R41-R45 SCHEMA MANIFEST

2.1. Schema manifest

The table below shows the schema files that have been changed. Files that have been added, removed or modified for this release are marked.

2.1.1. Change from r40 to r41

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r41.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r29.xsd			
ClientInformation_r15.xsd			
Common_r41.xsd			X
CustomerDetails_r41.xsd			X
CustomerTransfer_r29.xsd			
Electricity_r41.xsd			X
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData.xsd			
Enumerations.xsd			X
Events_r41.xsd			X
Faults_r15.xsd			
Gas_r29.xsd			
GasEnumerations.xsd	X		
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTReport_r39.xsd			X
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r41.xsd			X
Reports_r22.xsd			
ServiceOrder_r41.xsd			X
TableReplication_r15.xsd			

File names	Added	Removed	Modified
Transactions_r28.xsd			
No of files added	1		
No of files removed		0	
No of files modified			6
Total No of files			36

2.1.2. Change from r41 to r42

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r42.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r42.xsd			X
ClientInformation_r42.xsd			X
Common_r41.xsd			
CustomerDetails_r41.xsd			
CustomerTransfer_r29.xsd			
Electricity_r42.xsd			X
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData_r42.xsd			X
Enumerations.xsd			
Events_r42.xsd			X
Faults_r15.xsd			
Gas_r29.xsd			
GasEnumerations.xsd			
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTRReport_r39.xsd			
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r41.xsd			
Reports_r22.xsd			
ServiceOrder_r41.xsd			
TableReplication_r15.xsd			
Transactions_r28.xsd			
No of files added	0		
No of files removed		0	
No of files modified			6

File names	Added	Removed	Modified
Total No of files			36

2.1.3. Change from r42 to r43

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r43.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r43.xsd			X
ClientInformation_r42.xsd			
Common_r41.xsd			
CustomerDetails_r41.xsd			
CustomerTransfer_r29.xsd			
Electricity_r42.xsd			
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData_r43.xsd			X
Enumerations.xsd			
Events_r43.xsd			X
Faults_r15.xsd			
Gas_r29.xsd			
GasEnumerations.xsd			
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTRReport_r43.xsd			X
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r43.xsd			X
Reports_r22.xsd			
ServiceOrder_r41.xsd			
TableReplication_r15.xsd			
Transactions_r28.xsd			
No of files added	0		
No of files removed		0	
No of files modified			6
Total No of files			36

2.1.4. Change from r43 to r44

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r44.xsd			X
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r43.xsd			
ClientInformation_r42.xsd			
Common_r41.xsd			
CustomerDetails_r41.xsd			
CustomerTransfer_r29.xsd			
Electricity_r42.xsd			
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData_r44.xsd			X
Enumerations.xsd			
Events_r44.xsd			X
Faults_r15.xsd			
Gas_r29.xsd			
GasEnumerations.xsd			
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTRReport_r44.xsd			X
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r43.xsd			
Reports_r22.xsd			
ServiceOrder_r41.xsd			
TableReplication_r15.xsd			
Transactions_r28.xsd			
No of files added	0		
No of files removed		0	
No of files modified			4
Total No of files			36

2.1.5. Change from r44 to r45

File names	Added	Removed	Modified
Acknowledgements_r15.xsd			
aseXML_r44.xsd			
BAR_r15.xsd			
BulkDataTool_r15.xsd			
CATSReports_r28.xsd			
CATSTableReplication_r43.xsd			
ClientInformation_r42.xsd			
Common_r41.xsd			
CustomerDetails_r41.xsd			
CustomerTransfer_r29.xsd			
Electricity_r42.xsd			
ElectricityHighSpeedMonitoring_r26.xsd			
ElectricityMMS_r28.xsd			
ElectricityMasterStandingData_r44.xsd			
Enumerations.xsd			
Events_r44.xsd			
Faults_r15.xsd			
Gas_r29.xsd			X
GasEnumerations.xsd			X
GasMarketWholesale_r20.xsd			
Header_r28.xsd			
HighSpeedMonitoring_r26.xsd			
MarketWholesale_r20.xsd			
MDMTRReport_r44.xsd			
MeterDataManagement_r29.xsd			
NetworkBilling_r15.xsd			
NMIDataAccess_r17.xsd			
NOSAssessment_r28.xsd			
NOSBooking_r28.xsd			
NOSCommon_r28.xsd			
NOSEquipment_r18.xsd			
OneWayNotification_r43.xsd			
Reports_r22.xsd			
ServiceOrder_r41.xsd			
TableReplication_r15.xsd			
Transactions_r28.xsd			
No of files added	0		
No of files removed		0	
No of files modified			4
Total No of files			36

2.2. Changes

The following ASWG Change Requests have been included in the schema releases for r41 to r45.

Schema	CR#	Description
r41	70	PlannedInterruptionNotification (PIN) Enhancements will streamline existing processes and link outages to the Service Orders that prompt them: <ul style="list-style-type: none"> • Add ServiceOrderID field to PIN transaction • Update existing 'ReasonforInter' field in PIN transaction to add new values to enumeration • PIN Uses - Configuration
r41	70	7 new fields to be added to Service Orders (SO) to support better communication between Initiators and Recipients of transactions by ensuring higher quality of data and automating existing manual processes. Currently this information is being communicated using special instructions in the service order (SO). <ul style="list-style-type: none"> • Metering Service Works Install Meter, Metering Service Works Move Meter, Metering Service Works Exchange Meter, Metering Service Works Remove Meter, Metering Service Works Install Controlled Load, Metering Service Works Meter Reconfiguration, Metering Service Works Meter Investigation - All Reseal Device and ChangeTimeSwitch
r41	70	New Customer Type Value – NCONUML (introduced to facilitate the implementation of Global Settlement)
r42	71	Addition of new fields and update existing fields to provide more complete and accurate Standing Date to support MSDR: <ul style="list-style-type: none"> • Add eight new fields for NMI standing data: SharedIsolationPointFlag, MeterMalfunctionExemptionNumber, ConnectionConfiguration, GNAFPID, SectionNumber, DPNumber, HouseNumberTo, HouseNumberToSuffix
r42	71	<ul style="list-style-type: none"> • Add fifteen new fields for Meter Register Standing Data: CurrentTransformerLocation, CurrentTransformerType, CurrentTransformerRatioAvailable, CurrentTransformerRatioConnected, CurrentTransformerAccuracyClass, CurrentTransformerTest, CurrentTransformerTestDate, GPSCoordinates, VoltageTransformerLocation, VoltageTransformerType, VoltageTransformerRatio, VoltageTransformerAccuracyClass, VoltageTransformerTest, VoltageTransformerTestDate • Add TestResult as new field to Meter Register Table -ElectricityNMIMeterGroup [TestResultAccuracy is renamed to TestResult which will be treated as new element] • Modify existing elements for amended fields: Hazard, Location, LocationDescriptor • Added HouseNumberToSuffix element
r43	72	MSDR changes to support C1 Report: <ul style="list-style-type: none"> • Define following new complex elements in schema for representation of code(s) tables: MSATSCodeGroupsRow, MSATSCodesDatedRow, MSATSCodeComboRow, MSATSCodesRow • Increase length of MSATSCodeValue from 15 to 100 • Update existing version attribute for MSATSCodeValuesRow from r19 to r43.

Schema	CR#	Description
r43	72	CDR Phase 2: <ul style="list-style-type: none"> Define a new element 'LastConsumerChangeDate' of type date. Add this element reference to existing ElectricityNMIMasterGroup and ElectricityMasterStandingData elements
r43	72	SAPS: <ul style="list-style-type: none"> Define new complex element 'NodeHierarchyRow' in schema for representation of node hierarchy table Define new complex element 'MDMTSettlementCaseDetailsReportParameters' for the new Regulated SAPS Generator Reconciliation report. The purpose of the RM51 – Regulated SAPS Generator Reconciliation report is to provide MSRP (FRMP) participants with the energy values used to calculate the Generator allocation within a settlement run. Define new element as RoleCategory for ParticipantRolesRow
r43	72	B2B Changes: Add SharedFuseNotification transaction
r44	73	Update the MeterMalfunctionExemptionExpiryDate element to enable the field to be nillable within the ElectricityNMIMasterGroup
r44	73	Update the MeterMalfunctionExemptionNumber element size from 8 to 15 within the MeterMalfunctionExemptionNumber simpleType
r44	73	Correction of RM51 Report Name to reflect report request and output
r44	73	Removal of unsupported RM Report details CR64a and approved during the 5MS project
r45	74	<ul style="list-style-type: none"> Relocation of Special Read No Access (element name "ReasonForNoAccess") enumerations and DistributionTariff (element name "DistributionTariff") enumerations from aseXML schema versioned file (Gas_r40) and into the Gas Markets aseXML schema non versioned file (GasEnumerations.xsd Version 2.0) New and updated Special Read No Access (element name "ReasonForNoAccess") enumerations and DistributionTariff (element name "DistributionTariff") enumerations

2.3. File change summary

The section identifies and lists any changes between the various versions of the schema files. Note the schema release notes should be referred to as the authoritative source of changes. The schema release notes can be located at:

- https://aemo.com.au/-/media/files/it_changes/asexml/r41/asexmlschemareleasenotes_r41.docx?la=en&hash=C3005BF91DE5A8302FECD2E3F1AC7579xx
- https://aemo.com.au/-/media/files/it_changes/asexml/r42/asexmlschemareleasenotes_r42.docx?la=en&hash=CE46233D2A2E60ECC35037740CFA72FB
- https://aemo.com.au/-/media/files/it_changes/asexml/r43/asexmlschemareleasenotes_r43.docx?la=en&hash=51140FDC3B8ABB31E5D217B6C27D9DAA

R41-R45 SCHEMA MANIFEST

- https://aemo.com.au/-/media/files/it_changes/asexml/r44/asexmlschemareleasenotes_r44.docx?la=en&hash=012C1138527E0D1CBE7AF2E870DA4AA3
- <https://aemo.com.au/energy-systems/market-it-systems/asexml-standards/asexml-schemas#r45>