
GasBB - Release FAQ – Sept 2018

1.00 Final September 2018

Release series: EMMS28092018

This FAQ is the outcome from the 22 August MSUG meeting. It provides answers to participants' questions regarding changes to GBB, the GBB Data Model and the new pdrMonitor

Important notice

PURPOSE & AUDIENCE

The Australian Energy Market Operator (AEMO) provides this information as a service targeting business analysts and IT staff in participant organisations. It provides guidance about the changes to their market systems under the National Gas or Electricity Rules (Rules), as at the date of publication.

HOW TO USE THIS DOCUMENT

- If you have questions about the business aspects of these changes, please see Consultations on AEMO's website.
- The references listed throughout this document are primary resources and take precedence over this document.
- Unless otherwise stated, you can find resources mentioned in this guide on AEMO's website.
- **Text in this format**, indicates a reference to a document on AEMO's website.
- This document is written in plain language for easy reading. Where there is a discrepancy between the Rules and information or a term in this document, the Rules take precedence.
- Glossary Terms are capitalised and have the meanings listed against them in the Glossary.
- *Italicised terms* are defined in the Rules. Any rules terms not in this format still have the same meaning.

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DOCUMENT IDENTIFICATION

Version: 0.01

Prepared by: AEMO Market Systems

Last update: Monday, 3 September 2018 11:15:00

VERSION HISTORY

1.00 Added FAQ info for Data Model, Data Interchange, GasBB and pdrMonitor.

DOCUMENTS MADE OBSOLETE

The release of this document changes only the version of GasBB - Release FAQ – Sept 2018.

FURTHER INFORMATION

For further information, please visit AEMO's website www.aemo.com.au or contact:

AEMO Information and Support Hub Phone: 1300 AEMO 00 (1300 236 600) and follow the prompts. Email: supporthub@aemo.com.au

FEEDBACK

Your feedback is important and helps us improve our services and products. To suggest improvements, please contact AEMO's Support Hub.

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1. Data Interchange

1.1 Which platforms are supported for this Release?

	Current	Still supported
Microsoft SQL Server	2014	2012
Oracle	12c	11g

1.2 How am I impacted if I have a bespoke setup?

Participants having Data Model and Data Interchange setups that do not conform to the standard Data Model or standard Data Interchange setup cannot make assumptions about either column or row order in the CSV files we produce.

We target our transition strategy towards participants who operate a standard environment using the software AEMO provides. For more details, see **Guide to setting up a standard Data Interchange environment**.

Participants using bespoke setups need to manage these transition issues within their own solution. We recommend participants with bespoke setups pay close attention to Technical Specifications that document the changes.

The Data Interchange software AEMO provides operates in this manner.

- Always interpret column order from the "I" informational record and by looking up the relevant columns by name.
- Always consider row order from the corresponding "D" data records as random.

2. Data Model

2.1 What is the new Data Model release?

- Electricity 4.28
- Gas 2.0

2.2 Do I have to upgrade my Data Model?

Yes. If you want to receive the new reports post-30 September, you will need to upgrade your Data Model.

2.3 If I do not upgrade to Gas Data Model 2.0, will I receive updates to my current data?

No, as the data structure has been completely revised.

2.4 When can I upgrade my Data Model?

Participants can upgrade their Data Models after AEMO has advised that production release is complete.

Do not apply the new Data Model to your production environments until AEMO completes the production release.

2.5 What if there is a delay to the release?

If there is a delay to the release AEMO will send a communication advising of the problem and a new date and time for the release.

2.6 When will AEMO release the scripts?

AEMO will provide the scripts to participants for the update Tuesday 4 September 2018.

2.7 Where can I find the scripts?

- FTP to the Participant File Server: 146.178.211.25 > Releases > Gas or MMS Data Model > Pre-production.
- Data Subscription web application in the Markets Portal.

2.8 Do I need to subscribe to the new reports?

- No, if you are currently subscribed you are automatically subscribed to the new reports.
- Yes, if you are not currently subscribed.

2.9 How do I subscribe to new Data Model files?

- For help subscribing to Gas Data Model files, follow the steps in this document: http://aemo.com.au/-/media/Files/Gas/IT_Systems/2017/Subscribing-to-new-Gas-Data-Model-files.pdf
- For help subscribing to Electricity Data Model files, follow the steps in this guide: [Guide to Data Subscription](#).

3. GasBB

3.1 GasBB important dates

	Approx. date
Pre-production deployment. Existing and new GBB both running.	20 August 2018
New Gas Data model released into pre-production	30 August 2018
Data Model scripts released	4 September 2018 For details, see AEMO Help Desk Bulletin No. 2067.
Early production access. Existing and new GBB both running.	24-27 September 2018
Production. New Gas Data model released into production.	27 September 2018
Database refresh	30 September 2018 Under consideration, for details, see 3.10.
Decommission old/legacy Data model	30 September 2018

3.2 Will there a backlog available to populate historical data?

No. The data structure for GasBB has been completely revised and is not backward compatible.

3.3 Will historical data be available to participants?

Yes, a zip file of all historical CSV data will be provided on the new GBB website.

3.4 How about standing data?

Standing data will be provided in the new structure. This is the list of standing data tables.

GAS_CAPACITY_TYPE

GAS_CONTACT

GAS_CONTACT_DETAIL
GAS_FACILITY
GAS_FACILITY_DETAIL
GAS_FACILITY_DETAIL_CAPACITY
GAS_FACILITY_NODE
GAS_FACILITY_NODE_CONNECTION
GAS_FACILITY_NODE_TRK
GAS_FACILITY_OPSTATE
GAS_FACILITY_OWNER
GAS_FACILITY_OWNER_TRK
GAS_FACILITY_TYPE
GAS_LOCATION
GAS_LOCATION_NODE
GAS_LOCATION_NODE_TRK
GAS_LOCATION_OPSTATE
GAS_NODE
GAS_NODE_OPSTATE
GAS_PARTICIPANT
GAS_PARTICIPANT_CONTACT
GAS_PARTICIPANT_CONTACT_TRK
GAS_PARTICIPANT_DETAIL
GAS_PARTICIPANT_OPSTATE
GAS_STATE

3.5 How can I submit data to GasBB?

You can submit data using one or more of these methods:

- APIs over AEMO e-Hub (via MarketNet or internet)
- CSV over MarketNet
- Existing GBB FTP process (no MarketNet connection required)

3.6 Can I submit data via FTP?

Yes, you can submit data via FTP until around Sept 2019. AEMO will advise exact cut-off closer to the due date.

3.7 How do I receive data?

You can receive data using one or more of these methods:

- APIs over AEMO e-Hub for registered participants (via MarketNet or internet)
- Data Interchange
- CSV download using new GBB website
- Public API access (Date to be confirmed)

3.8 Is the new GBB part of the AEMO website?

Yes, the new GBB release will be integrated into the AEMO website.

3.9 From what date will the previous GBB files be discontinued?

From 30 September 2018.

3.10 Will files submitted for the early production access 24-30 September 2018 (trial period) be part of the new Data Model?

During the MSUG Meeting 22 August 2018, James Dikha advised AEMO will refresh the data before the 30 September 2018 production release. Therefore, the data submitted during the trial period would be deleted and not remain as part of the new Data Model.

AEMO are considering **not** refreshing the data submitted during the trial period so it remains in the Data Model and is not deleted.

Shortly, AEMO business teams will contact GBB participants to advise the outcome of this consideration.

3.11 How do participants delete old data from their Data Interchange environments?

Participants must do this via their own manual process.

3.12 Has the participant folder structure changed in pre-production?

Yes. Please speak with AEMO Support Hub if you cannot view the new structure for your organisation.

- Participants submit files using the Export subdirectory within their own private organisation directory (This was previously the Uploads subdirectory).
Example, `/Export/COMPID_TRANSACTIONNAME_YYYYMMDDHHMMSS.csv`

- Transaction logs are deposited in the Import subdirectory for consumption. Example, `/Import/int944_v1_transaction_log_COMPID~YYYYMMDDHHMMSS.csv`

3.13 Where can participants get an alternative source of the two discontinued INT files, for example Gas Flow Actual?

- You can use the Public APIs for consuming reports. AEMO will advise/confirm when this is available for use.
- There is a Data Model alternative, or you can consume the CSV file from AEMO's website. For information about alternative data, see Discontinued Tables in the [Gas BB Technical Specification - September 2018](#).

3.14 Are there any plans to put discontinued files on NEMWeb?

Yes, this is possible. Please contact AEMO's Support Hub with your request.

3.15 Do I need to install a JDK to use the APIs?

No, participants can develop their own APIs in either JSON or YAML. For details about using AEMO's e-Hub, see [Guide to AEMO's e-Hub APIs](#).

3.16 Can we see API transactions in the Data Model?

Not in the Data Model, but participants can view their submissions on AEMO's website. AEMO will provide a link for viewing submissions.

4. Participant Data Replication Monitor (pdrMonitor)

4.1 When will AEMO release the pdrMonitor?

	Approx. date
Technical Specification	19 September 2018
Pre-production	26 September 2018
Production	22 November 2018

4.2 When will the new pdrMonitor technical specification be published?

The pdrMonitor technical specification will be published 19 September 2018.

4.3 Where can I find the pdrMonitor software?

When the software is released, *Registered Participants* can find it in the Participant File Server > Releases > pdrMonitor folder.

4.4 Can I still use the Replication Manager software?

Yes, but it will no longer be supported by AEMO, post-pdrMonitor release.

4.5 Which version of Data Interchange do I need to run the pdrMonitor?

Version 7.4.

4.6 Are there any APIs available for participants to build their own front ends?

Yes, it is possible for AEMO to provide these. Please contact AEMO's Support Hub with your request. The pdrMonitor release will only include ER diagrams and backend tables.

4.7 Can I change the Batchers or Loader properties file in pdrMonitor?

No, the pdrMonitor software is read-only.

4.8 Will the new pdrMonitor have the re-request reports function?

Yes, this feature is included.

4.9 Will the new pdrMonitor allow changes to Data Subscriptions in the application?

Currently no, but please send enhancement suggestions to the Support Hub for consideration.

5. Related resources

Guide to setting up a standard Data Interchange environment: <http://aemo.com.au/-/media/Files/Electricity/NEM/IT-Systems-and-Change/2016/Guide-to-Upgrading-a-Standard-Data-Interchange-Environment.pdf>

MSUG Meeting Minutes: <http://aemo.com.au/Stakeholder-Consultation/Industry-forums-and-working-groups/IT-meetings/Market-Systems-User-Group>

Release Schedules and Technical Specifications:

- Electricity: <http://aemo.com.au/Electricity/IT-Systems/IT-change> > Release Schedules
- Gas: <http://aemo.com.au/Gas/IT-systems-and-change/IT-change> > Release Schedules

Guide to Data Subscription: <http://aemo.com.au/-/media/Files/Electricity/NEM/IT-Systems-and-Change/2017/Guide-to-Data-Subscription.pdf>

Subscribing to Gas Data Model Files: http://aemo.com.au/-/media/Files/Gas/IT_Systems/2017/Subscribing-to-new-Gas-Data-Model-files.pdf