



EMMS - RELEASE FAQ - DECEMBER 2017

AEMO RELEASE SCHEDULE NUMBERS:
EMMS10112017, EMMSDI7.4,
EMMS122017GR, EMMS112017DSP

Published 8 December 2017 Version 1.01





CONTENTS

- 1 Application Releases4
 - 1.1 Why are there multiple releases?4
 - 1.2 When are the applications available?4
- 2 Automation of Market Suspension Pricing4
 - 2.1 When is the completion of phase two expected?4
- 3 Data Interchange Upgrade5
 - 3.1 Do I have to upgrade my Data Model and my Data Interchange environment at the same time?5
 - 3.2 Which platforms are supported for this Release?5
 - 3.3 Can I continue to use SQL Server 2008?5
 - 3.4 Will the new pdrMonitor allow changes to Data Subscriptions in the application?5
 - 3.5 Will the new pdrMonitor have the re-request reports function?5
 - 3.6 Will the new pdrMonitor have additional re-request reports functionality?5
- 4 Data Model5
 - 4.1 What are the new Data Model versions?5
 - 4.2 How is this Data Model release different to others?6
 - 4.3 Do I have to apply both Electricity and Gas Data Models?6
 - 4.4 When can I upgrade my Electricity Data Model?6
 - 4.5 When can I upgrade my Gas Data Model?6
 - 4.6 Where can I find the scripts?6
 - 4.7 How to subscribe to new Gas Data Model files6
 - 4.8 What changes, are there to the PRICE_REVISION_DISPATCH & DISPATCHIS files? ..6
 - 4.9 Why has the position of the DISPATCH,INTERCONNECTORRES,3 report changed? ...7
 - 4.10 How am I impacted if I have a bespoke setup?7
- 5 Helios7
 - 5.1 Will the Helios primary key change affect data going to the legacy table?7
- 6 MTPASA Redevelopment8
 - 6.1 When is the new data available for the MTPASA Redevelopment?8
 - 6.2 When do we need to upgrade the Data Model for MTPASA8
 - 6.3 Will the previous MTPASA reports be provided in a LEGACY file?8
 - 6.4 Will there be changes to the way participants enter MTPASA availability?8
 - 6.5 Will the MTPASA changes affect Data Sharing agreements?8
- 7 NEM Settlements Shortfall Calculation8
 - 7.1 When will I see data for the new shortfall calculation?8



7.2	Will the changes affect Data Sharing agreements?	9
8	Security Deposit Calculation	9
8.1	When will I see the new data?	9
9	Related Resources.....	9



1 APPLICATION RELEASES

1.1 Why are there multiple releases?

Because there are a large number of Summer Readiness projects and their complexity to develop and deploy over a short period is extensive, work is taking longer than expected. We have staged the release so there is minimum impact to participants. This is why the Data Model was released first and then the applications later in stages. See Table 1 below.

1.2 When are the applications available?

For applications affecting the Data Model, providing you have upgraded to 4.27 or 1.4, the new and changed tables are available when AEMO releases each corresponding application.

Table 1 Application release dates

Application	Pre-production	Production	Data Model
7-day Pre-dispatch	Released	18 Dec 2017	No change
Automation of Market Suspension Pricing	Released	18 Dec 2017	Elec
Data Interchange Upgrade - pdrMonitor	Early quarter 2, 2018	1 month later	Elec & gas
Data Interchange Upgrade v7.4	Released	7 Dec 2017	Elec & gas
Dynamic LOR Stage two for South Australia	Early Jan 2018	Mid-Jan 2018	No change
Helios – ASEFS	15 Dec 2017	Quarter 1, 2018	Elec
MTPASA Redevelopment	18 Jan 2018	15 Feb 2018	Elec
NEM Settlements Shortfall Calculation	Released	Released	Elec
Security Deposit Calculation phase 1	Released	11 Dec 2017	No change
Security Deposit Calculation phase 2	22 Jan 2018	22 Feb 2018	Elec & gas

2 AUTOMATION OF MARKET SUSPENSION PRICING

2.1 When is the completion of phase two expected?

See When are the applications available? above.



3 DATA INTERCHANGE UPGRADE

3.1 Do I have to upgrade my Data Model and my Data Interchange environment at the same time?

No, there is no dependency between the EMMS October—December 2017 Release and the Data Interchange Upgrade v7.4.

We recommend participants upgrade their Data Model version and their Data Interchange environment separately.

3.2 Which platforms are supported for this Release?

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

3.3 Can I continue to use SQL Server 2008?

AEMO has not tested Data Interchange v7.4 on SQL Server 2008 but the scripts are generic so participants can test on their own pre-production environment to see if there is an impact. AEMO will discontinue support for SQL Server 2008 by 30 November 2018.

3.4 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.

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

Yes, this feature is included.

3.6 Will the new pdrMonitor have additional re-request reports functionality?

No, it has equivalent re-request reports functionality but please send enhancement suggestions to the Support Hub for consideration.

4 DATA MODEL

4.1 What are the new Data Model versions?

- Electricity 4.27
- Gas 1.4



4.2 How is this Data Model release different to others?

Participants having upgraded their Data Model will only see the new data after the application release date. See Table 1 on page 4.

4.3 Do I have to apply both Electricity and Gas Data Models?

No, there is no dependency between the two Data Models. You can apply:

1. Only electricity
2. Only gas
3. Or both

4.4 When can I upgrade my Electricity Data Model?

Anytime before the release date of applications relevant to your business, see Table 1 on page 4. Otherwise, you can ignore this release.

4.5 When can I upgrade my Gas Data Model?

Anytime before the phase 2 Security Deposit Calculation pre-production or production dates. See Table 1 on page 4. Otherwise, you can ignore this release.

4.6 Where can I find the scripts?

FTP to the Participant File Share: 146.178.211.25 > Releases > Gas or MMS Data Model > Pre-production.

4.7 How to subscribe to new Gas Data Model files

For this Release, Gas Supply Hub (GSH) participants are automatically subscribed to new data model file, they do not need to manually subscribe.

In the future, the process for subscribing to new Gas Data Model files differs from subscribing to Electricity Data Model files. For help, follow the steps in this document:

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

4.8 What changes, are there to the PRICE_REVISION_DISPATCH & DISPATCHIS files?

Both of these files have updates. For details, in the EMMS Technical Specification – October and November 2017, see Package: DISPATCH:

- Participant interface changes
- File interface changes
- Discontinued reports



4.9 Why has the position of the DISPATCH,INTERCONNECTORRES,3 report changed?

The position of the DISPATCH,INTERCONNECTORRES,3 report in the legacy DISPATCHIS file has changed but the configuration of the Data Model is not dependent on the position of columns or rows in files. It discards the new column as superfluous data when it does not exist within the Data Model tables in the participant's environment.

We target our transition strategy for these circumstances towards participants who operate a standard environment using the software AEMO provides. For more details, see [How am I impacted if I have a bespoke setup?](#) below.

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

Participants having Data Model and Data Interchange setups that do not confirm 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.

5 HELIOS

5.1 Will the Helios primary key change affect data going to the legacy table?

Yes, it was necessary to change the LEGACY file to keep it consistent with Data Model version 4.27. The change is tested and confirmed to work in participant's standard Data Interchange instances conforming to the Data Model v4.27.

Normally we would not make changes to LEGACY files and preserve the interface, but in this case, where a primary key changed it was necessary to make an update to the LEGACY file to preserve the continuity of data loading as participants implement the new release to their Data Interchange implementations.

If you are using a bespoke system other than Data Interchange, you can ignore the additional column in the LEGACY CSV file.

This change also affects the production rollout. For dates, see [When are the applications available?](#) on page 4.

For help, see [How am I impacted if I have a bespoke setup?](#) above.



6 MTPASA REDEVELOPMENT

6.1 When is the new data available for the MTPASA Redevelopment?

This project is rescheduled until the 15 February 2018. The change is due to AEMO undertaking additional quality assurance testing and additional performance tuning to the production environment.

AEMO apologises for any inconvenience caused by this delay. There are no other changes to the Guidelines. During the delay, the current Guidelines continue.

For more details, see <https://www.aemo.com.au/Stakeholder-Consultation/Consultations/Reliability-Standard-Implementation-Guidelines-Consultation>.

For new pre-production and production release dates, see *When are the applications available?* on page 4.

6.2 When do we need to upgrade the Data Model for MTPASA

There is no grace for the MTPASA project. Participants must upgrade by 15 February 2018 to receive the new MTPASA tables because the old tables are discontinued.

6.3 Will the previous MTPASA reports be provided in a LEGACY file?

Substantial changes to the MTPASA analysis technique and model mean it is not possible to provide the old data format from the new model engine, so it is a hard cutover. When the new MTPASA engine is implemented, the reports for the old MTPASA tables **stop** being produced and the reports for the new MTPASA **start** being produced.

At the completion of the MTPASA rollout:

- The MTPASA_LEGACY file contains the reports populated by the old MTPASA tables.
- The MTPASA file contains the reports populated by the new and old MTPASA tables.

6.4 Will there be changes to the way participants enter MTPASA availability?

No, there is no change.

6.5 Will the MTPASA changes affect Data Sharing agreements?

No, not for MTPASA.

7 NEM SETTLEMENTS SHORTFALL CALCULATION

7.1 When will I see data for the new shortfall calculation?

When a NEM settlements payment default takes place.



7.2 Will the changes affect Data Sharing agreements?

Due to the modification of the calculation now being based on the company's net amount for the billing week, participants are advised to check their Data Sharing agreements are still correct.

8 SECURITY DEPOSIT CALCULATION

8.1 When will I see the new data?

Phase 1, see Application Releases on page 4.

- NEM business changes to load floating interest rates.

Phase 2, see Application Releases on page 4.

- GSH business changes to load floating interest rates.
- SDA report changes.
- Prudential Dashboards display the floating interest rates.
- Electricity and gas Data Model changes.

9 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: <http://aemo.com.au/Electricity/IT-Systems/IT-change> > Release Schedules > EMMS

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