

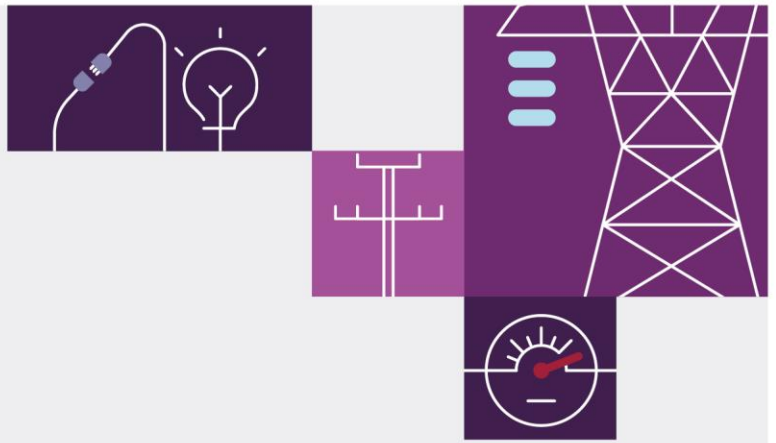
EMMS - Technical Specification - Data Model v5.6 - November 2025

0.01 May 2025

Pre-production: Wednesday 24 September
2025

Production: Wednesday 19 November
2025





Important notice

Purpose & audience

This document describes the technical changes required to participant's systems for the EMMS - Technical Specification - Data Model v5.6 - November 2025 (Release). 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 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** is a link to related information. Some links require access to MarketNet.
- **Text in this format**, indicates a reference to a document on AEMO's website.
- **Text in this format** is an action to perform in the Markets Portal.
- 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.
- Rules Terms have the meaning listed against them in the **National Electricity Rules** (Rules).

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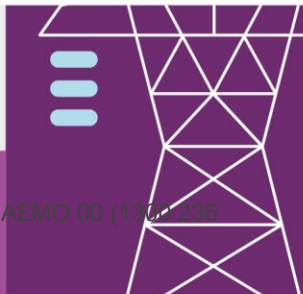
Version History

0.01 Initial creation

Documents made obsolete

The release of this document changes only the version of EMMS - Technical Specification - Data Model v5.6 - November 2025.

Support Hub



To contact AEMO's Support Hub use Contact Us on AEMO's website or for urgent matters phone 1300 AEMO 00 (1300 236 600).



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1 Introduction


1.1 Audience

AEMO provides this information as a service targeting business analysts and IT staff in Registered Participant companies.

1.2 Objective

The EMMS - Technical Specification - Data Model v5.6 - November 2025 (Release) describes the projects planned by AEMO from a participant perspective and includes any system related changes for participants.

1.3 Status

Version	Status
0.01	<div></div> <p>Initial Draft for review. The design is not ready for participants' builds</p> <p>Presents the EMMS - Technical Specification - Data Model v5.6 - November 2025 evolving design.</p> <p>Please send feedback to Contact Us. In the Details of your enquiry section, mention the EAS Knowledge Management team as the Resolver group.</p>

1.4 Release dates

REMINDER: Check the PM has confirmed the release dates with the Release Management team.

Scheduled for implementation in:

- Pre-production: Wednesday 24 September 2025
- Production: Wednesday 19 November 2025

1.5 Rule and procedure changes

The following rules and procedures take precedence over technical specifications and guides.

Please refer to the Rule and procedure changes section in [EMMS – Technical Specification – December 2025](#)

1.6 Related technical specifications

Title	Project
EMMS – Technical Specification – December 2025	Improving Security Frameworks (ISF)

1.7 Related documents

Once published, these resources take precedence over this technical specification

These guides and resources are updated according to this technical specification and published by the dates below.

Title	Description	Published
Data Interchange Online Help	Help for participants using Data Interchange and the Data Model	See Release Dates in Timeline
Data Model Reports	Explains the packages, tables and reports in the Electricity and Gas Data Models	
Release Documents	Release Notes	

1.8 Approval to change

AEMO request approval to proceed from all participant change controllers by close of business Monday, 2 June 2025.

1.9 Market systems user group meetings

The Market Systems User Group (MSUG) is an industry user group established to discuss NEM wholesale and retail IT systems releases. Its purpose is to facilitate the continuing improvement of AEMO's IT systems by seeking feedback and collaboration from participants.

MSUG meetings are open to all interested parties, with invitations sent to all included on the distribution list. If you have a technical question for a project and want to attend the MSUG ask your company's support team to include your email address in their **AEMO Help Desk Bulletin (CRM)** distribution list.

1.10 Version numbers

AEMO releases new versions of this document as the technical requirements are streamlined.

Incremental version numbers such as 1.01, 2.01 and so on mean there is a minor change to the technical specification.

Major version numbers such as 1.00, 2.00 means there are substantial changes to the technical specification. Participants must carefully review these changes, detailed below.

1.11 Changes in this version

No changes, this is the initial version.

2 Proposed Timeline

The dates for the Market System User Group Meetings (MSUG) are tentative. We will provide an invitation one week prior to the meeting.

Milestone	Date	Description
Approval required	2 June 2025	Final date for participant approval of this Release
Revised Technical Specification	June 2025	<p>AEMO releases new versions of this document as the technical requirements are streamlined. During the project this document is the source of truth</p> <p>From the production release, the technical specification becomes final and the related documents become the source of truth</p> <p>Technical Specification Portal</p>
Related Documents publication	Wednesday 24 September 2025	Release of guides and resources mentioned in Related on page 2
Next MSUG meeting	4 June 2025	<p>Market Systems User Group Meeting (MSUG) to review the technical specification and ask AEMO technical SMEs questions</p> <p>This date is tentative. The Knowledge Management Team provides the invitation prior to the meeting</p>
Pre-production Data Model auto subscription	24 September 2025 No auto-subscription for existing files	For any existing files with modified or new tables, if participants are subscribed, AEMO moves them to the Legacy version
Pre-production Data Model release	Wednesday 24 September 2025	Participant Data Model scripts released
Pre-production refresh	18 August 2025 – 5 September 2025 See pre-production refresh	Refresh of the pre-production system with data refreshed from the production system. An outage of up to five days can occur to the pre-production environment during this period. Participant access is not restricted, however, AEMO do not guarantee the pre-production data content or system availability. During the refresh, access to other AEMO systems such as AWEFS, EMMS, OPDMS, and STTM may be intermittently affected

Proposed Timeline

Milestone	Date	Description
Pre-production implementation	Wednesday 24 September 2025	<p>AEMO implements components of the Release to pre-production for participant testing</p> <p>AEMO has full access to the system during this period</p> <p>Participant access is not restricted; however, the data content or system availability is not guaranteed</p>
Pre-production available	Wednesday 24 September 2025	Testing period begins for participants
Participant Testing	24 September 2025 - 19 November 2025	Unstructured participant testing in the pre-production environment
Production implementation	Wednesday 19 November 2025	AEMO implements the release to production
Production Data Model auto subscription	19 November 2025 auto-subscription for new files	For any existing files with modified or new tables, if participants are subscribed, AEMO moves them to the Legacy version
Production Data Model release	Wednesday 24 September 2025	Participant Data Model scripts released

3 Participant Impact

Participants wanting to receive the new and updated Data Model information in their Data Interchange environments must upgrade to the latest version of the Data Model 5.6.

3.1 Electricity data model v5.6

Participants wanting to receive the new Reports must upgrade to [Electricity Data Model v5.6](#).

3.2 Data population dates

3.2.1 ISF

Pre-production: Tuesday 30 September 2025 (TBC)

Production: Tuesday 2 December 2025

3.2.2 Operational Forecasting

Pre-production: TBC

Production: TBC

3.3 Data subscription

3.3.1 Auto-subscription

Existing participants are auto-subscribed to any new files when they upgrade to the latest data model version. New file names to be advised.

3.3.2 Legacy files

On the [Release Dates](#), AEMO moves participants subscribed to existing files to the Legacy version. After you have upgraded to v5.6, subscribe to the current files in [Data Subscription](#). For help, see [Subscribe to Files](#).

For help, see:

- [Unsubscribe from files](#)

4 Electricity Data Model v5.6

This Release contains an updated version of the Electricity/Gas Data Model 5.6. This section describes the affected packages, tables, files, reports, and interfaces.

4.1 Data model changes summary

4.2	Package: DEMAND_FORECASTS	9
4.2.1	New table: INTERMITTENT_GEN_FCST_RUN	9
4.2.2	New table: INTERMITTENT_GEN_FCST_PRED	11
4.2.3	New table: INTERMITTENT_GEN_FCST_P5_RUN	12
4.2.4	New table: INTERMITTENT_GEN_FCST_P5_PRED	14
4.2.5	New table: ROOFTOP_PV_FCST_RUN	15
4.2.6	New table: ROOFTOP_PV_FCST_PRED	16
4.2.7	New table: ROOFTOP_PV_FCST_P5_RUN	18
4.2.8	New table: ROOFTOP_PV_FCST_P5_PRED	19
4.2.9	New table: ROOFTOP_PV_ACTUAL_RUN	21
4.2.10	New table: ROOFTOP_PV_ACTUAL_PRED	23
4.3	Package: SETTLEMENT_DATA	24
4.3.1	New table: SET_NMAS_MANUAL_PAYMENT	24
4.4	Package: BILLING_RUN	26
4.4.1	New table: BILLING_NMAS_MANUAL_PAYMENT	26
4.4.2	New table: BILLING_NMAS_MANUAL_RECOVERY	28
4.5	Package: DISPATCH	29
4.5.1	New table: DISPATCH_ROOFTOP_PV_FCST_TRK	30
4.6	Package: P5MIN	31
4.6.1	New table: P5MIN_INTERMITTENT_FCST_TRK	31
4.6.2	New table: P5MIN_ROOFTOP_PV_FCST_TRK	32
4.7	Package: PRE-DISPATCH	33
4.7.1	New table: PREDISPATCHINTERMITTENTFCSTTRK	34
4.7.2	New table: PREDISPATCH_ROOFTOPPV_FCST_TRK	35
4.8	Package: MARKET_CONFIG	36
4.8.1	New table: AREA	36

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4.2 Package: DEMAND_FORECASTS

Regional Demand Forecasts, Intermittent Generator forecasts and Rooftop PV forecasts.

4.2.1 New table: INTERMITTENT_GEN_FCST_RUN

Comment	Contains forecast runs for intermittent wind and solar units, with a 30-minute resolution over the week-ahead PD/STPASA timeframe. This is the parent table to the child table INTERMITTENT_GEN_FCST_RUN, which contains the corresponding forecast predictions over the full horizon.
Visibility	Private, Public Next-Day
Data volume	Small
Trigger	Every 30 minutes when a new intermittent generator forecast is available, covering the 8 days ahead horizon with 30-minute resolution.
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	FORECAST_RUN_DATETIME, DUID, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME
Project	P2046 - Operational Forecasting



New columns

Field name	Data type	PK	Comment
FORECAST_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime in downstream processes, unless a forecast run is missed, in this case the previous run is used
DUID	VARCHAR2(10)	YES	Dispatchable unit identifier for which this forecast applies
PROVIDERID	VARCHAR2(20)	YES	Forecast provider identifier
FORECAST_PRIORITY	NUMBER(10,0)	YES	Priority of forecast run, higher number is used in preference to lower number for the same provider
OFFERDATETIME	DATE	YES	Datetime when this forecast submission was loaded
PROVIDER_TIMESTAMP	DATE	NO	Datetime when the provider created the forecast
COMMENTS	VARCHAR2(300)	NO	Comments relating to the forecast run. This column is not made available to the public
MODEL	VARCHAR2(30)	NO	Metadata describing the model used to produce the forecast run. This column is not made available to the public
SUPPRESSED_PROVIDER	NUMBER(1,0)	NO	Flag indicating if the forecast run was suppressed by the provider when submitted. Suppressed forecasts are not used by downstream systems. Suppressed = 1, Unsuppressed = 0
TRANSACTION_ID	VARCHAR2(100)	NO	Transaction identifier for receiving the forecast run
LASTCHANGED	DATE	NO	Datetime when the forecast run was written into AEMO's database



4.2.2 New table: INTERMITTENT_GEN_FCST_PRED

Comment	Contains forecast predictions for intermittent wind and solar units, with a 30-minute resolution over the week-ahead PD/STPASA timeframe. This is the child table of the parent table INTERMITTENT_GEN_FCST_RUN, which contains the corresponding forecast runs.
Visibility	Private, Public Next-Day
Data volume	Large
Trigger	Every 30 minutes when a new intermittent generator forecast is available, covering the 8 days ahead horizon with 30-minute resolution.
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	FORECAST_RUN_DATETIME, DUID, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME, INTERVAL_DATETIME, FORECAST_TYPE
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
FORECAST_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime in downstream processes, unless a forecast run is missed, in this case the previous run is used
DUID	VARCHAR2(10)	YES	Dispatchable unit identifier for which this forecast applies
PROVIDERID	VARCHAR2(20)	YES	Forecast provider identifier
FORECAST_PRIORITY	NUMBER(10,0)	YES	Priority of forecast run, higher number is used in preference to lower number for the same provider



Field name	Data type	PK	Comment
OFFERDATETIME	DATE	YES	Datetime when this forecast submission was loaded
INTERVAL_DATETIME	DATE	YES	Datetime (interval-ending) for the period that this forecast applies to, within the current forecast_run_datetime
FORECAST_TYPE	VARCHAR2(20)	YES	Type of forecast, for example, POE_10, POE_50, POE_90, MEAN and so on
FORECAST_VALUE	NUMBER(18,8)	NO	Forecast value in MW

4.2.3 New table: INTERMITTENT_GEN_FCST_P5_RUN

Comment	Contains forecast runs for intermittent wind and solar units, with a 5-minute resolution over the hour-ahead P5MIN timeframe. This is the parent table to the child table INTERMITTENT_GEN_FCST_P5_RUN, which contains the corresponding forecast predictions over the full horizon.
Visibility	Private, Public Next-Day
Data volume	Small
Trigger	Every 5 minutes when a new intermittent generator forecast is available, covering the 2 hours ahead horizon with 5-minute resolution
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	FORECAST_RUN_DATETIME, DUID, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME
Project	P2046 - Operational Forecasting



New columns

Field name	Data type	PK	Comment
FORECAST_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime in downstream processes, unless a forecast run is missed, in this case the previous run is used
DUID	VARCHAR2(10)	YES	Dispatchable unit identifier for which this forecast applies
PROVIDERID	VARCHAR2(20)	YES	Forecast provider identifier
FORECAST_PRIORITY	NUMBER(10,0)	YES	Priority of forecast run, higher number is used in preference to lower number for the same provider
OFFERDATETIME	DATE	YES	Datetime when this forecast submission was loaded
PROVIDER_TIMESTAMP	DATE	NO	Datetime when the provider created the forecast
COMMENTS	VARCHAR2(300)	NO	Comments relating to the forecast run. This column is not made available to the public
MODEL	VARCHAR2(30)	NO	Metadata describing the model used to produce the forecast run. This column is not made available to the public
SUPPRESSED_PROVIDER	NUMBER(1,0)	NO	Flag indicating if the forecast run was suppressed by the provider when submitted. Suppressed forecasts are not used by downstream systems. Suppressed = 1, Unsuppressed = 0
TRANSACTION_ID	VARCHAR2(100)	NO	Transaction identifier for receiving the forecast run
LASTCHANGED	DATE	NO	Datetime when the forecast run was written into AEMO's database



4.2.4 New table: INTERMITTENT_GEN_FCST_P5_PRED

Comment	Contains forecast predictions for intermittent wind and solar units, with a 5-minute resolution over the hour-ahead P5MIN timeframe. This is the child table of the parent table INTERMITTENT_GEN_FCST_P5_RUN, which contains the corresponding forecast runs.
Visibility	Private, Public Next-Day
Data volume	Medium
Trigger	Every 5 minutes when a new intermittent generator forecast is available, covering the 2 hours ahead horizon with 5-minute resolution
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	FORECAST_RUN_DATETIME, DUID, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME, INTERVAL_DATETIME, FORECAST_TYPE
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
FORECAST_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime in downstream processes, unless a forecast run is missed, in this case the previous run is used
DUID	VARCHAR2(10)	YES	Dispatchable unit identifier for which this forecast applies
PROVIDERID	VARCHAR2(20)	YES	Forecast provider identifier
FORECAST_PRIORITY	NUMBER(10,0)	YES	Priority of forecast run, higher number is used in preference to lower number for the same provider



Field name	Data type	PK	Comment
OFFERDATETIME	DATE	YES	Datetime when this forecast submission was loaded
INTERVAL_DATETIME	DATE	YES	Datetime (interval-ending) for the period this forecast applies to, within the current forecast_run_datetime
FORECAST_TYPE	VARCHAR2(20)	YES	Type of forecast, for example, POE_10, POE_50, POE_90, MEAN
FORECAST_VALUE	NUMBER(18,8)	NO	Forecast value in MW

4.2.5 New table: ROOFTOP_PV_FCST_RUN

Participant facing

Comment	Contains forecast runs for rooftop PV areas, with a 30-minute resolution over the week-ahead PD/STPASA timeframe. This is the parent table to the child table ROOFTOP_PV_FCST_PRED, which contains the corresponding forecast predictions over the full horizon.
Visibility	Public
Data volume	Small
Trigger	Every 30 minutes when a new rooftop PV forecast is available, covering the 8 days ahead horizon with 30-minute resolution
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	FORECAST_RUN_DATETIME, AREAID, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME
Project	P2046 - Operational Forecasting



New columns

Field name	Data type	PK	Comment
FORECAST_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime in downstream processes, unless a forecast run is missed, in this case the previous run is used.
AREAID	VARCHAR2(10)	YES	Area identifier, aligning with the load forecasting area
PROVIDERID	VARCHAR2(20)	YES	Forecast provider identifier, for example, AEMO, PROVIDER_A and so on
FORECAST_PRIORITY	NUMBER(10,0)	YES	Priority of forecast run, higher number is used in preference to lower number for the same provider
OFFERDATETIME	DATE	YES	Datetime when this forecast submission was loaded
PROVIDER_TIMESTAMP	DATE	NO	Datetime when the provider created the forecast
COMMENTS	VARCHAR2(300)	NO	Comments relating to the forecast run
MODEL	VARCHAR2(30)	NO	Metadata describing the model used to produce the forecast run
SUPPRESSED_PROVIDER	NUMBER(1,0)	NO	Flag indicating if the forecast run was suppressed by the provider when submitted. Suppressed forecasts are not used by downstream systems. Suppressed = 1, Unsuppressed = 0
INSTALLED_CAPACITY	NUMBER(18,8)	NO	Installed rooftop PV capacity that was used for the forecast run, in MW
LASTCHANGED	DATE	NO	Datetime when the forecast run was written into AEMO's database

4.2.6 New table: ROOFTOP_PV_FCST_PRED

Participant facing



Comment	Contains forecast predictions for rooftop PV areas, with a 30-minute resolution over the week-ahead PD/STPASA timeframe. This is the child table of the parent table ROOFTOP_PV_FCST_RUN, which contains the corresponding forecast runs.
Visibility	Public
Data volume	Large
Trigger	Every 30 minutes when a new rooftop PV forecast is available, covering the 8 days ahead horizon with 30-minute resolution
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	FORECAST_RUN_DATETIME, AREAID, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME, INTERVAL_DATETIME, FORECAST_TYPE
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
FORECAST_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime in downstream processes, unless a forecast run is missed, in this case the previous run is used
AREAID	VARCHAR2(10)	YES	Area identifier, aligning with the load forecasting area
PROVIDERID	VARCHAR2(20)	YES	Forecast provider identifier, for example, AEMO, PROVIDER_A and so on
FORECAST_PRIORITY	NUMBER(10,0)	YES	Priority of forecast run, higher number is used in preference to lower number for the same provider
OFFERDATETIME	DATE	YES	Datetime when this forecast submission was loaded



Field name	Data type	PK	Comment
INTERVAL_DATETIME	DATE	YES	Datetime (interval-ending) for the period that this forecast applies to, within the current forecast_run_datetime
FORECAST_TYPE	VARCHAR2(20)	YES	Type of forecast, for example, POE_10, POE_50, POE_90, MEAN and so on
FORECAST_VALUE	NUMBER(18,8)	NO	Forecast value in MW

4.2.7 New table: ROOFTOP_PV_FCST_P5_RUN

Participant facing

Comment	Contains forecast runs for rooftop PV areas, with a 5-minute resolution over the hour-ahead DS/P5MIN timeframe. This is the parent table to the child table ROOFTOP_PV_FCST_P5_PRED, which contains the corresponding forecast predictions over the full horizon.
Visibility	Public
Data volume	Small
Trigger	Every 5 minutes when a new rooftop PV forecast is available, covering the 2 hours ahead horizon with 5-minute resolution
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	FORECAST_RUN_DATETIME, AREAID, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME
Project	P2046 - Operational Forecasting



New columns

Field name	Data type	PK	Comment
FORECAST_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime in downstream processes, unless a forecast run is missed, in this case the previous run is used
AREAID	VARCHAR2(10)	YES	Area identifier, aligning with the load forecasting areas
PROVIDERID	VARCHAR2(20)	YES	Forecast provider identifier, for example, AEMO, PROVIDER_A and so on
FORECAST_PRIORITY	NUMBER(10,0)	YES	Priority of forecast run, higher number is used in preference to lower number for the same provider
OFFERDATETIME	DATE	YES	Datetime when this forecast submission was loaded
PROVIDER_TIMESTAMP	DATE	NO	Datetime when the provider created the forecast
COMMENTS	VARCHAR2(300)	NO	Comments relating to the forecast run
MODEL	VARCHAR2(30)	NO	Metadata describing the model used to produce the forecast run
SUPPRESSED_PROVIDER	NUMBER(1,0)	NO	Flag indicating if the forecast run was suppressed by the provider when submitted. Suppressed forecasts are not used by downstream systems. Suppressed = 1, Unsuppressed = 0
INSTALLED_CAPACITY	NUMBER(18,8)	NO	Installed rooftop PV capacity that was used for the forecast run, in MW
LASTCHANGED	DATE	NO	Datetime when the forecast run was written into AEMO's database

4.2.8 New table: ROOFTOP_PV_FCST_P5_PRED

Participant facing



Comment	Contains forecast predictions for rooftop PV areas, with a 5-minute resolution over the hour-ahead DS/P5MIN timeframe. This is the child table of the parent table ROOFTOP_PV_FCST_P5_RUN, which contains the corresponding forecast runs.
Visibility	Public
Data volume	Medium
Trigger	Every 5 minutes when a new rooftop PV forecast is available, covering the 2 hours ahead horizon with 5-minute resolution
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	FORECAST_RUN_DATETIME, AREAID, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME, INTERVAL_DATETIME, FORECAST_TYPE
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
FORECAST_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime in downstream processes, unless a forecast run is missed in which case the previous run is used.
AREAID	VARCHAR2(10)	YES	Area identifier, aligning with the load forecasting areas
PROVIDERID	VARCHAR2(20)	YES	Forecast provider identifier, for example, AEMO, PROVIDER_A and so on
FORECAST_PRIORITY	NUMBER(10,0)	YES	Priority of forecast run, higher number is used in preference to lower number for the same provider
OFFERDATETIME	DATE	YES	Datetime when this forecast submission was loaded



Field name	Data type	PK	Comment
INTERVAL_DATETIME	DATE	YES	Datetime (interval-ending) for the period that this forecast applies to, within the current forecast_run_datetime
FORECAST_TYPE	VARCHAR2(20)	YES	Type of forecast, for example, POE_10, POE_50, POE_90, MEAN and so on
FORECAST_VALUE	NUMBER(18,8)	NO	Forecast value in MW

4.2.9 New table: ROOFTOP_PV_ACTUAL_RUN

Participant facing

Comment	Contains prediction runs for rooftop PV area estimated actuals, with a 5-minute and 30-minute resolution for different estimate types. This is the parent table to the child table ROOFTOP_PV_ACTUAL_PRED, which contains the corresponding actual predictions.
Visibility	Public
Data volume	Small
Trigger	Every 5 or 30 minutes when a new rooftop PV estimated actual is available, covering the most recent 5 or 30-minute interval that is available
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	PREDICTION_RUN_DATETIME, INTERVAL_DURATION, AREAID, ESTIMATE_TYPE, PROVIDERID, PREDICTION_PRIORITY, OFFERDATETIME
Project	P2046 - Operational Forecasting



New columns

Field name	Data type	PK	Comment
PREDICTION_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this prediction run is valid.
INTERVAL_DURATION	NUMBER(1,0)	YES	Duration of each interval (in minutes) for this prediction, for example, 5 or 30
AREAID	VARCHAR2(10)	YES	Area identifier, aligning with the load forecasting areas
ESTIMATE_TYPE	VARCHAR2(20)	YES	Type of Rooftop PV estimate, for example, MEASURED, SATELLITE and so on
PROVIDERID	VARCHAR2(20)	YES	Provider identifier, for example, AEMO, PROVIDER_A and so on
PREDICTION_PRIORITY	NUMBER(10,0)	YES	Priority of prediction run, higher number is used in preference to lower number for the same provider
OFFERDATETIME	DATE	YES	Datetime when this prediction submission was loaded
PROVIDER_TIMESTAMP	DATE	NO	Datetime when the provider created the forecast
COMMENTS	VARCHAR2(300)	NO	Comments relating to the prediction run
MODEL	VARCHAR2(30)	NO	Metadata describing the model used to produce the prediction run
SUPPRESSED_PROVIDER	NUMBER(1,0)	NO	Flag indicating if the prediction run was suppressed by the provider when submitted. Suppressed predictions are not used by downstream forecasting systems. Suppressed = 1, Unsuppressed = 0
INSTALLED_CAPACITY	NUMBER(18,8)	NO	Installed rooftop PV capacity used for the prediction run, in MW
LASTCHANGED	DATE	NO	Datetime when the prediction run was written into AEMO's database



4.2.10 New table: ROOFTOP_PV_ACTUAL_PRED

Participant facing

Comment	Contains predictions for rooftop PV area estimated actuals, with a 5-minute and 30-minute resolution for different estimate types. This is the child table of the parent table ROOFTOP_PV_ACTUAL_RUN, which contains the corresponding actual prediction runs.
Visibility	Public
Data volume	Small
Trigger	Every 5 or 30 minutes when a new rooftop PV estimated actual is available, covering the most recent 5 or 30-minute interval that is available
Participant file share location	<#INTRFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	PREDICTION_RUN_DATETIME, INTERVAL_DURATION, AREAID, ESTIMATE_TYPE, PROVIDERID, FORECAST_PRIORITY, OFFERDATETIME, INTERVAL_DATETIME
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
PREDICTION_RUN_DATETIME	DATE	YES	Datetime (interval ending) when this prediction run is valid.
INTERVAL_DURATION	NUMBER(1,0)	YES	Duration of each interval (in minutes) for this prediction, for example, 5 or 30
AREAID	VARCHAR2(10)	YES	Area identifier, aligning with the load forecasting areas
ESTIMATE_TYPE	VARCHAR2(20)	YES	Type of Rooftop PV estimate, for example, MEASURED, SATELLITE and so on



Field name	Data type	PK	Comment
PROVIDERID	VARCHAR2(20)	YES	Provider identifier, for example, AEMO, PROVIDER_A and so on
PREDICTION_PRIORITY	NUMBER(10,0)	YES	Priority of prediction run, higher number is used in preference to lower number for the same provider
OFFERDATETIME	DATE	YES	Datetime when this prediction submission was loaded
INTERVAL_DATETIME	DATE	YES	Date and Time the forecast applies (dispatch interval ending
PREDICTION_VALUE	NUMBER(18,8)	NO	Prediction value in MW
PREDICTION_QUALITY	NUMBER(2,1)	NO	Prediction quality. Higher number represents better quality

4.3 Package: SETTLEMENT_DATA

Results from a published Settlements Run. The settlement data and billing run data are updated daily between 6 am and 8 am for AEMO's prudential processes. In a normal week, AEMO publishes one PRELIM, one FINAL and two REVISION runs in addition to the daily runs

4.3.1 New table: SET_NMAS_MANUAL_PAYMENT

Comment	This report contains the NMAS Manual TI Payments that are uploaded by the Settlement Business Team. Amounts in this table are not calculated by the Settlement System.
Visibility	Private
Data volume	Low
Trigger	Daily Billing Run & Posting a PRELIM/FINAL and REVISE Billing Run



Comment	This report contains the NMAS Manual TI Payments that are uploaded by the Settlement Business Team. Amounts in this table are not calculated by the Settlement System.
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	SETTLEMENTDATE, VERSIONNO,PARTICIPANTID, CONTRACTID, DUID, SERVICE, PAYMENTTYPE, PERIODID

New columns

Field name	Data type	Primary key	Comment
SETTLEMENTDATE	DATE	Yes	The Settlement Date of the Billing Week
VERSIONNO	NUMBER(3,0)	Yes	The Settlement Run No
PARTICIPANTID	VARCHAR2(20)	Yes	The Contract Participant Id
CONTRACTID	VARCHAR2(20)	Yes	The NMAS System Security Contract ID
DUID	VARCHAR2(10)	Yes	The DUID associated with the Contract Payment
SERVICE	VARCHAR2(20)	Yes	The NMAS System Security Service Types (INERTIA, SYSTEM STRENGTH, TYPE1, TYPE2 and so on)
PAYMENTTYPE	VARCHAR2(20)	Yes	The Payment Type associated with the Service like Availability, Usage, Enablement, Energy Revenue, Test, ADHOC and so on
PERIODID	NUMBER(3,0)	Yes	The Settlement Period Id (1-288)
REGIONID	VARCHAR2(10)	No	The Contract Region Id
PAYMENTAMOUNT	NUMBER(18,8)	No	The NMAS Contract Manual Payment for the Payment Type



Field name	Data type	Primary key	Comment
LASTCHANGED	DATE	No	The last changed date time of the record

4.4 Package: BILLING_RUN

Results from a published Billing Run. The settlement data and billing run data are updated daily between 6 am and 8 am for AEMO's prudential processes. In a normal week, AEMO publishes one PRELIM, one FINAL and two REVISION runs in addition to the daily runs.

Each billing run is uniquely identified by contract year, week no and bill run number.

4.4.1 New table: BILLING_NMAS_MANUAL_PAYMENT

Comment	This report contains the NMAS Manual Weekly Payments that are uploaded by the Settlement Business Team. Amounts in this table are not calculated by the Settlement System.
Visibility	Private
Data volume	Low
Trigger	Daily Billing Run & Posting a PRELIM/FINAL and REVISE Billing Run
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	CONTRACTYEAR, WEEKNO, BILLRUNNO, PARTICIPANTID, CONTRACTID, DUID, SERVICE, PAYMENTTYPE



New columns

Field name	Data type	Primary key	Comment
CONTRACTYEAR	NUMBER(4,0)	Yes	The Billing Contract Year
WEEKNO	NUMBER(3,0)	Yes	The Billing WeekNo
BILLRUNNO	NUMBER(4,0)	Yes	The Billing RunNo
PARTICIPANTID	VARCHAR2(20)	Yes	The Contract Participant Id
CONTRACTID	VARCHAR2(20)	Yes	The NMAS System Security Contract ID
DUID	VARCHAR2(10)	Yes	The DUID associated with the Contract Payment
SERVICE	VARCHAR2(20)	Yes	The NMAS System Security Service Types (INERTIA, SYSTEM STRENGTH, TYPE1, TYPE2 and so on)
PAYMENTTYPE	VARCHAR2(20)	Yes	The Payment Type associated with the Service like Availability, Usage, Enablement, Energy Revenue, Test, ADHOC and so on
REGIONID	VARCHAR2(10)	No	The Contract Region Id
PAYMENTAMOUNT	NUMBER(18,8)	No	The NMAS Contract Manual Payment for the Payment Type
LASTCHANGED	DATE	No	The last changed date time of the record



4.4.2 New table: BILLING_NMAS_MANUAL_RECOVERY

Comment	This report show the summary of the Billing NMAS Recovery Amounts. This table will have recovery data for manual payments for System Security Services
Visibility	Private
Data volume	Medium
Trigger	Daily Billing Run & Posting a PRELIM/FINAL and REVISE Billing Run
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	CONTRACTYEAR, WEEKNO, BILLRUNNO, PARTICIPANTID, CONTRACTID, SERVICE, PAYMENTTYPE, REGIONID

New columns

Field name	Data type	Primary key	Comment
CONTRACTYEAR	NUMBER(4,0)	Yes	The Billing Contract Year
WEEKNO	NUMBER(3,0)	Yes	The Billing WeekNo
BILLRUNNO	NUMBER(4,0)	Yes	The Billing RunNo
PARTICIPANTID	VARCHAR2(20)	Yes	The Contract Participant Id
CONTRACTID	VARCHAR2(20)	Yes	The NMAS System Security Contract ID
SERVICE	VARCHAR2(20)	Yes	The NMAS System Security Service Types (INERTIA, SYSTEM STRENGTH, TYPE1, TYPE2 and so on)



Field name	Data type	Primary key	Comment
PAYMENTTYPE	VARCHAR2(20)	Yes	The Payment Type associated with the Service like Availability, Usage, Enablement, Energy Revenue, Test, ADHOC and so on
REGIONID	VARCHAR2(10)	Yes	Region Identifier
RBF	NUMBER(18,8)	No	Region Benefit Factor
PAYMENTAMOUNT	NUMBER(18,8)	No	The NMAS Contract Manual Payment for the Payment Type
RECOVERYSTARTDATETIME	DATE	No	The Recovery Start Date and Time for the Payment Calculation
RECOVERYENDDATETIME	DATE	No	The Recovery End Date and Time for the Payment Calculation
RECOVERYAMOUNT_ACE	NUMBER(18,8)	No	Recovery Amount on ACE portion (\$)
RECOVERYAMOUNT_ASOE	NUMBER(18,8)	No	Recovery Amount on ASOE portion (\$)
PARTICIPANTACE_MWH	NUMBER(18,8)	No	Participant Consumed Energy in MWh
PARTICIPANTASOE_MWH	NUMBER(18,8)	No	Participant Sent Out Energy in MWh
REGIONACE_MWH	NUMBER(18,8)	No	Region Consumed Energy in MWh
REGIONASOE_MWH	NUMBER(18,8)	No	Region Sent Out Energy in MWh
LASTCHANGED	DATE	No	The last changed date time of the record

4.5 Package: DISPATCH

Results from a published **Dispatch** Run.



4.5.1 New table: DISPATCH_ROOFTOP_PV_FCST_TRK

Comment	Uniquely tracks which Rooftop PV forecast run (from ROOFTOP_PV_FCST_P5_RUN) was used for the Area in which Dispatch run.
Visibility	Public
Data volume	Small
Trigger	Every 5 minutes when a new dispatch run is published
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	RUN_DATETIME, AREAID
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
RUN_DATETIME	DATE	YES	Datetime (interval ending) of the Dispatch run
AREAID	VARCHAR2(10)	YES	Area identifier aligning with the load forecasting areas, tracks to ROOFTOP_PV_FCST_P5_RUN.AREAID
FORECAST_RUN_DATETIME	DATE	NO	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime, unless a forecast run is missed, in this case the previous run is used. Tracks to ROOFTOP_PV_FCST_P5_RUN.FORECAST_RUN_DATETIME
PROVIDERID	VARCHAR2(20)	NO	Provider identifier of the forecast run used for the DS run, tracks to ROOFTOP_PV_FCST_P5_RUN.PROVIDERID



Field name	Data type	PK	Comment
FORECAST_PRIORITY	NUMBER(10,0)	NO	Priority of the forecast run used for the DS run, tracks to ROOFTOP_PV_FCST_P5_RUN.FORECAST_PRIORITY
OFFERDATETIME	DATE	NO	Submission datetime of the forecast run used for the DS run, tracks to ROOFTOP_PV_FCST_P5_RUN.OFFERDATETIME

4.6 Package: P5MIN

Results from a published Five-Minute Predispatch Run.

4.6.1 New table: P5MIN_INTERMITTENT_FCST_TRK

Comment	Uniquely tracks which Intermittent Generation forecast run (from INTERMITTENT_GEN_FCST_P5_RUN) was used for the DUID in which 5-Minute Pre-dispatch run.
Visibility	Private, Public Next-Day
Data volume	Small
Trigger	Every 5 minutes when a new 5-Minute Pre-dispatch run is published
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	RUN_DATETIME, DUID
Project	P2046 - Operational Forecasting



New columns

Field name	Data type	PK	Comment
RUN_DATETIME	DATE	YES	Datetime (interval ending) of the 5-Minute Pre-dispatch run
DUID	VARCHAR2(10)	YES	Dispatchable unit identifier, tracks to INTERMITTENT_GEN_FCST_P5_RUN.DUID
FORECAST_RUN_DATETIME	DATE	NO	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime, unless a forecast run is missed in which case the previous run is used. Tracks to INTERMITTENT_GEN_FCST_P5_RUN.FORECAST_RUN_DATETIME
PROVIDERID	VARCHAR2(20)	NO	Provider of the forecast run used for the 5MPD run, tracks to INTERMITTENT_GEN_FCST_P5_RUN.PROVIDERID
FORECAST_PRIORITY	NUMBER(10,0)	NO	Priority of the forecast run used for the 5MPD run, tracks to INTERMITTENT_GEN_FCST_P5_RUN.FORECAST_PRIORITY
OFFERDATETIME	DATE	NO	Submission datetime of the forecast run used for the 5MPD run, tracks to INTERMITTENT_GEN_FCST_P5_RUN.OFFERDATETIME

4.6.2 New table: P5MIN_ROOFTOP_PV_FCST_TRK

Comment	Uniquely tracks which Rooftop PV forecast run (from ROOFTOP_PV_FCST_P5_RUN) was used for the Area in which 5-Minute Pre-dispatch run.
Visibility	Public
Data volume	Small
Trigger	Every 5 minutes when a new 5-Minute Pre-dispatch run is published
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports



Comment	Uniquely tracks which Rooftop PV forecast run (from ROOFTOP_PV_FCST_P5_RUN) was used for the Area in which 5-Minute Pre-dispatch run.
Primary key (in order)	RUN_DATETIME, AREAID
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
RUN_DATETIME	DATE	YES	Datetime (interval ending) of the 5-Minute Pre-dispatch run
AREAID	VARCHAR2(10)	YES	Area identifier aligning with the load forecasting areas, tracks to ROOFTOP_PV_FCST_P5_RUN.AREAID
FORECAST_RUN_DATETIME	DATE	NO	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime, unless a forecast run is missed, in this case the previous run is used. Tracks to ROOFTOP_PV_FCST_P5_RUN.FORECAST_RUN_DATETIME
PROVIDERID	VARCHAR2(20)	NO	Provider identifier of the forecast run used for the DS run, tracks to ROOFTOP_PV_FCST_P5_RUN.PROVIDERID
FORECAST_PRIORITY	NUMBER(10,0)	NO	Priority of the forecast run used for the DS run, tracks to ROOFTOP_PV_FCST_P5_RUN.FORECAST_PRIORITY
OFFERDATETIME	DATE	NO	Submission datetime of the forecast run used for the DS run, tracks to ROOFTOP_PV_FCST_P5_RUN.OFFERDATETIME

4.7 Package: PRE-DISPATCH

Results from a published 30-minute pre-dispatch Run.



4.7.1 New table: PREDISPATCHINTERMITTENTFCSTTRK

Comment	Uniquely tracks which Intermittent Generation forecast run (from INTERMITTENT_GEN_FCST_RUN) was used for the DUID in which Pre-dispatch run.
Visibility	Private, Public Next-Day
Data volume	Small
Trigger	Every 30 minutes when a new Pre-dispatch run is published
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	PREDISPATCHSEQNO, DUID
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
PREDISPATCHSEQNO	DATE	YES	Unique identifier of Pre-dispatch run in the form YYYYMMDDPP with 01 at 04:30.
DUID	VARCHAR2(10)	YES	Dispatchable unit identifier, tracks to INTERMITTENT_GEN_FCST_RUN.DUID
FORECAST_RUN_DATETIME	DATE	NO	Datetime (interval ending) when this forecast run is valid. It aligns with run_datetime, unless a forecast run is missed, in this case the previous run is used. Tracks to INTERMITTENT_GEN_FCST_RUN.FORECAST_RUN_DATETIME
PROVIDERID	VARCHAR2(20)	NO	Provider of the forecast run used for the PD run, tracks to INTERMITTENT_GEN_FCST_RUN.PROVIDERID



Field name	Data type	PK	Comment
FORECAST_PRIORITY	NUMBER(10,0)	NO	Priority of the forecast run used for the PD run, tracks to INTERMITTENT_GEN_FCST_RUN.FORECAST_PRIORITY
OFFERDATETIME	DATE	NO	Submission datetime of the forecast run used for the PD run, tracks to INTERMITTENT_GEN_FCST_RUN.OFFERDATETIME

4.7.2 New table: PREDISPATCH_ROOFTOPPV_FCST_TRK

Comment	Uniquely tracks which Rooftop PV forecast run (from ROOFTOP_PV_FCST_RUN) was used for the Area in which Pre-dispatch run.
Visibility	Public
Data volume	Small
Trigger	Every 30 minutes when a new Pre-dispatch run is published.
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	PREDISPATCHSEQNO, AREAID
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
PREDISPATCHSEQNO	DATE	YES	Unique identifier of Pre-dispatch run in the form YYYYMMDDPP with 01 at 04:30



Field name	Data type	PK	Comment
AREAID	VARCHAR2(10)	YES	Area identifier aligning with the load forecasting areas, tracks to ROOFTOP_PV_FCST_RUN.AREAID
FORECAST_RUN_DATETIME	DATE	NO	Datetime (interval ending) when the forecast run is valid. It would align with run_datetime, unless a forecast run is missed, in this case the previous run will be used. Tracks to ROOFTOP_PV_FCST_RUN.FORECAST_RUN_DATETIME
PROVIDERID	VARCHAR2(20)	NO	Provider identifier of the forecast run used for the PD run, tracks to ROOFTOP_PV_FCST_RUN.PROVIDERID
FORECAST_PRIORITY	NUMBER(10,0)	NO	Priority of the forecast run used for the PD run, tracks to ROOFTOP_PV_FCST_RUN.FORECAST_PRIORITY
OFFERDATETIME	DATE	NO	Submission datetime of the forecast run used for the PD run, tracks to ROOFTOP_PV_FCST_RUN.OFFERDATETIME

4.8 Package: MARKET_CONFIG

Standing data for the market.

4.8.1 New table: AREA

Comment	Table containing static metadata for the Areas, which are sub-regions used in load forecasting and rooftop PV forecasting. The latest metadata can be obtained for each AreaID using the most recent EffectiveDate and then VersionNo. If an AreaID is not mapped to an active RegionID in the corresponding REGION_AREA table, then that AreaID can be considered inactive.
Visibility	Public
Data volume	Small



Comment	Table containing static metadata for the Areas, which are sub-regions used in load forecasting and rooftop PV forecasting. The latest metadata can be obtained for each AreaID using the most recent EffectiveDate and then VersionNo. If an AreaID is not mapped to an active RegionID in the corresponding REGION_AREA table, then that AreaID can be considered inactive.
Trigger	Ad hoc when Areas are updated or added.
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	AREAID, EFFECTIVEDATE, VERSIONNO
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
AREAID	VARCHAR2(10)	YES	Area identifier
EFFECTIVEDATE	DATE	YES	Calendar date from when this record set is effective
VERSIONNO	NUMBER(3,0)	YES	Version number for the same effective date
AREA_NAME	VARCHAR2(20)	NO	Area name
DESCRIPTION	VARCHAR2(200)	NO	Area description
LASTCHANGED	DATE	NO	Last date and time record changed



4.8.2 New table: REGION_AREA

Comment	Table containing static metadata for mapping the Areas to Regions. The latest mapping can be obtained for each RegionID using the most recent EffectiveDate and then VersionNo.
Visibility	Public
Data volume	Small
Trigger	Ad hoc when Area-Region mappings are updated or added
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	REGIONID, EFFECTIVEDATE, VERSIONNO, AREAID
Project	P2046 - Operational Forecasting

New columns

Field name	Data type	PK	Comment
REGIONID	VARCHAR2(10)	YES	Region identifier
EFFECTIVEDATE	DATE	YES	Calendar date from when this record set is effective
VERSIONNO	NUMBER(3,0)	YES	Version number for the same effectivedate
AREAID	VARCHAR2(10)	YES	Area identifier
LASTCHANGED	DATE	NO	Last date and time record changed



4.9 File interface changes

Package	File ID	Description	Batcher file masks	Frequency	Change	Auto-subscription
DEMAND_FORECASTS	INTERMITTENT_GEN_FCST		*_INTERMITTENT_GEN_FCST_*.CSV		New	Yes
SETTLEMENT_DATA	SETTLEMENTS		*_SETTLEMENTS_*.CSV	Daily	Modified	
BILLING_RUN	BILLING		*_BILLING_*.CSV	Weekly	Modified	
MARKET_CONFIG	AREA		*_AREA_*.CSV			
MARKET_CONFIG	REGION_AREA		*_REGION_AREA_*.CSV			

4.10 Participant interfaces changes

Package	Data model table	File ID	CSV report type	Change
DEMAND_FORECASTS	INTERMITTENT_GEN_FCST_RUN	INTERMITTENT_GEN_FCST	FORECAST,INTERMITTENT_GEN_Run,1	New
	INTERMITTENT_GEN_FCST_PRED	INTERMITTENT_GEN_FCST	FORECAST,INTERMITTENT_GEN_PRED,1	New
	INTERMITTENT_GEN_FCST_P5_RUN	INTERMITTENT_GEN_FCST	FORECAST,INTERMITTENT_GEN_P5_RUN,1	New
	INTERMITTENT_GEN_FCST_P5_PRED	INTERMITTENT_GEN_FCST	FORECAST,INTERMITTENT_GEN_P5_PRED,1	New
	ROOFTOP_PV_FCST_RUN			New



Package	Data model table	File ID	CSV report type	Change
	ROOFTOP_PV_FCST_PRED			New
	ROOFTOP_PV_FCST_P5_RUN			New
	ROOFTOP_PV_FCST_P5_PRED			New
	ROOFTOP_PV_ACTUAL_RUN		ROOFTOP,ACTUAL,2	New
	ROOFTOP_PV_ACTUAL_PRED		ROOFTOP,ACTUAL,2	New
SETTLEMENT_DATA	SET_NMAS_MANUAL_PAYMENT	SETTLEMENTS	SETTLEMENTS,NMAS_MANUAL_PAYMENT,1	New
BILLING_RUN	BILLING_NMAS_MANUAL_PAYMENT	BILLING	BILLING,NMAS_MANUAL_PAYMENT,1	New
	BILLING_NMAS_MANUAL_RECOVERY	BILLING	BILLING,NMAS_MANUAL_RECOVERY,1	New
DISPATCH	DISPATCH_ROOFTOP_PV_FCST_TRK			New
P5MIN	P5MIN_INTERMITTENT_FCST_TRK		P5MIN,INTERMITTENT_FCST_TRK,1	New
	P5MIN_ROOFTOP_PV_FCST_TRK		P5MIN,ROOFTOP_PV_FCST_TRK,1	New
PRE-DISPATCH	PREDISPATCHINTERMITTENTFCSTTRK			New
	PREDISPATCH_ROOFTOPPV_FCST_TRK			New
MARKET_CONFIG	AREA	AREA	MARKET_CONFIG,AREA,1	New
	REGION_AREA	REGION_AREA	MARKET_CONFIG,REGION_AREA,1	New



4.11 Discontinued reports

Data model table	File ID	Delivered in file	CSV report type	Replaced by

4.12 Non-functional changes

Table 1 MMS Data Model 5.6 non-functional changes

MMS Data Model table	Change detail
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5 FAQs

This section is updated based on the participant queries from the MSUG meetings.

6 Implementation

6.1 Transition

See [Participant Impact](#).

6.2 Upgrading

You can upgrade your pre-production or production Data Model environments once you receive the Data Model scripts. Applying the scripts sets up the new Data Model structure on your local database. You receive the same data until the new versions of fields, files, and reports are released into pre-production or production and you update your subscriptions.

For help, see:

- [Upgrading your DI environments](#)
- [Updating your subscriptions:](#)

6.3 Implications

To maintain systems in-line with AEMO's market systems, participants need to:

- Review and assess the impact on their market systems with respect to the changes implemented as part of this Release.
- Change their systems prior to the implementation of this Release.
- Schedule staff and resources to upgrade their market systems for the production implementation of this Release.

6.4 Risks

See [Participant Impact](#).

7 Terms

7.1 Rules Terms

You can find the following terms defined in the [National Electricity Rules \(NER\)](#) and the [Settlements Residue Auction Rules](#).

Term	Term
AEMO	
AEMO Markets Portal	
AEMO Website	
Directional interconnector	
Linked Bid	
Market Clearing Price	
Market Participants	
Maximum Units	
NEM	
National Interconnector	
Region	
Regional reference prices	
Registered Participant	
Trading Interval	
Trading Limit	
Trading Margin	
Trading Position	
Unit Category	
Unit	

7.2 Glossary

You can find a full list of AEMO glossary terms in [Industry Terminology](#) on AEMO's website.

Abbreviation/Term	Explanation
AEST	Australian Eastern Standard Time
B2B	Business-to-business
B2M	Business-to-market
EMMS	Electricity Market Management System; software, hardware, network and related processes to implement the wholesale energy market
FCAS	frequency control ancillary services
FTP	File transfer protocol
MSATS	Market Settlement and Transfer Solution for retail electricity
NER	National Electricity Rules
MW	Megawatt
Release	EMMS - Technical Specification - Data Model v5.6 - November 2025
Release Dates	Pre-production: Wednesday 24 September 2025 Production: Wednesday 19 November 2025
TBC	To be confirmed

8 References

Guide to AEMO's e-Hub APIs: Provides details about using AEMO's e-Hub as an interface to communicate information with AEMO. It assists Wholesale electricity and gas participants developing their own APIs.

Guide to Information Systems: Provides guidance for *Registered Participants* and interested parties about AEMO's participant electricity market systems.

Guide to User Rights Management: Assists participant administrators (PAs) to use the user rights management functions in the MSATS Web Portal.

Retail Electricity Market Glossary and Framework: assist participants of the Retail Electricity Market to understand the overall framework. It also contains a list of terms used in the Retail Electricity Market Procedures and a full list of NEM procedures, guidelines, and documents.

8.1 Data interchange and data model resources

8.1.1 About

Information about setting up a Data Interchange environment: Data Interchange Help > [About Data Interchange](#).

8.1.2 Help

- [Data interchange online help](#)

8.1.3 Software

You can find Data Interchange software in the following locations:

- Data Interchange Help > [Software Releases](#).
- Releases directory on the participant file share: FTP to 146.178.211.2 > Data Interchange, pdrBatcher, pdrLoader, or pdrMonitor.

8.1.4 Reports

- Data Interchange Help > [Data Model Reports](#).

8.1.5 Releases

- Data Interchange Help > [Release Documents](#).

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