



4.10.6 New table: SSM_ENABLEMENT_COSTS

Participant facing

Comment	SSM Contract Enablement Costs for NEM
Visibility	Public
Data volume	Medium
Trigger	Timed trigger once per day for previous day.
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	END_TRADINGDATE, ENABLEMENT_REASON
Project	Improving Security Frameworks (ISF) Phase 1 (Dec 2025 rule change)

New columns

Field name	Data type	Primary key	Comment
END_TRADINGDATE	DATE	Yes	Trading Date of the end of the enablement.
ENABLEMENT_REASON	VARCHAR2(40)	Yes	Primary Service type associated.
ESTIMATED_COSTS	NUMBER(18,8)	No	Cost estimation for the service type.
LASTCHANGED	DATE	No	Last time record was changed.



4.11 Package: PDPASA

The PDPASA package provides a 30-minute solving process to the Market systems. The current methodology for calculating reserves in the PreDispatch timeframe is determined in a post processing step using a heuristic calculation based the results and Interconnector limits from the PreDispatch run. The calculation is a reserve assessment based on the PASA solver similar to existing ST and MT PASA business processes. The process reflects all intra-regional and inter-regional network constraints as an input to the process.

4.11.1 Modified table: PDPASA_DUIDAVAILABILITY (comment changes only)

Comment	This report delivers available capacity, PASA availability and given recall period for all scheduled resources. Note that for an MNSP, DUID = LINKID in the MNSP_INTERCONNECTOR table.
Visibility	Public
Data volume	Medium
Trigger	Close to or start of PDPASA run.
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	RUN_DATETIME, INTERVAL_DATETIME, DUID
Project	ST PASA Procedure and Recall Period

Modified columns (comment changes only)

Comment changes only



Field name	Data type	Primary key	Comment
RUN_DATETIME	DATE	Yes	PDPASA run, identified by the first half hour ended interval of the run.
LASTCHANGED	DATE	No	Report Creation Date Time.

4.11.2 Modified table: PDPASA_REGIONSOLUTION (comment changes only)

Comment	The PDPASA region solution data. Note that the OUTAGE_LRC Run Type is no longer reported from 31 July 2025.
Visibility	Public
Data volume	Medium
Trigger	PDPASA_REGIONSOLUTION is updated each PDPASA run (i.e. half-hourly).
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	INTERVAL_DATETIME, REGIONID, RUN_DATETIME, RUNTYPE
Project	ST PASA Procedure and Recall Period

Modified columns

Comment changes only



Field name	Data type	Primary key	Comment
RUN_DATETIME	DATE	Yes	Unique Timestamp Identifier for this run, identified by the first half hour ended interval of the run.
RESERVEREQ	NUMBER(12,2)	No	Reserve Requirement (MW). This field is not populated after 30 July 2025.
CAPACITYREQ	NUMBER(12,2)	No	Demand + Reserve requirements (MW). This field is not populated after 30 July 2025.
ENERGYREQDEMAND50	NUMBER(12,2)	No	Sum of: (Region Demand50)/Period (sum by trading day, entered in first period of trading day, GWh).
UNCONSTRAINEDCAPACITY	NUMBER(12,0)	No	Aggregate generation + WDR capacity from Non-Energy Constrained plant subjected to restrictions due to network constraints.
CONSTRAINEDCAPACITY	NUMBER(12,0)	No	Aggregate generation + WDR capacity from Energy Constrained plant subjected to restrictions due to network constraints.
NETINTERCHANGEUNDERSARCITY	NUMBER(12,2)	No	Net export (MW) out of this region in the LOR evaluation. Export if > 0, Import if < 0. This value is the same as LORNETINTERCHANGEUNDERSARCITY.
SURPLUSCAPACITY	NUMBER(12,2)	No	Regional surplus capacity (MW), +/- values indicate surplus/deficit capacity respectively. This value reflects Regional LOR reserve.
SURPLUSRESERVE	NUMBER(12,2)	No	Regional surplus reserve (MW). This value also reflects Regional LOR reserve. Note: For LOR runs, RESERVEREQ requirement input is not used.
RESERVECONDITION	NUMBER(1,0)	No	Regional reserve condition from LRC run. This field is not populated after 30 July 2025.
MAXSURPLUSRESERVE	NUMBER(12,2)	No	Maximum Surplus Reserve (MW) evaluated for this region from LRC runs. This field is no longer populated.
MAXSPARECAPACITY	NUMBER(12,2)	No	Maximum Spare Capacity (MW) evaluated for this region. Calculated for each region in turn. This value reflects Regional LOR reserve.



Field name	Data type	Primary key	Comment
LASTCHANGED	DATE	No	Date time this record was created.
AGGREGATEPASAavailability	NUMBER(12,0)	No	Sum of PASAavailability for all scheduled generating units and scheduled bidirectional units (Gen side) with a Recall_Period <= 24 hours plus the sum of Unconstrained Intermittent Generation Forecasts (UIGF) for all semi-scheduled generating units. For the OUTAGE_LRC run, UIGF is the POE90 forecast. For the LOR Run, UIGF is the POE50 forecast. Note that the OUTAGE_LRC Run Type is discontinued from 31 July 2025.
RUNTYPE	VARCHAR2(20)	Yes	Type of run. Values are OUTAGE_LRC and LOR. Note that the PDPASA OUTAGE_LRC Run Type is discontinued from 31 July 2025, with only the LOR Run Type reported.
MSRNETINTERCHANGEUNDERSCARCITY	NUMBER(12,2)	No	Net interconnector flow from the region for this interval from the MSR assessment. This field is no longer populated.
SEMISCHEDULEDCAPACITY	NUMBER(12,2)	No	Constrained generation forecast (MW) for semi-scheduled units for the region. For OUTAGE_LRC run and LOR run, semi-scheduled generation is constrained by both System Normal and Outage constraints. All run types (OUTAGE_LRC, LOR) incorporate MAXAVAIL limits.
LCR2	NUMBER(16,6)	No	Two Largest Credible Risks. MW value for highest two credible contingencies.
SS_SOLAR_UIGF	NUMBER(12,2)	No	Unconstrained Intermittent Generation Forecast for solar for the region. For OUTAGE_LRC run, this is the POE90 forecast (determined by LRCUIGFOption in CaseSolution). For LOR run, this is the POE50 forecast.
SS_WIND_UIGF	NUMBER(12,2)	No	Unconstrained Intermittent Generation Forecast for wind for the region. For OUTAGE_LRC run, this is the POE90 forecast (determined by LRCUIGFOption in CaseSolution). For LOR run, this is the POE50 forecast.
SS_SOLAR_CAPACITY	NUMBER(12,2)	No	Constrained generation forecast for solar for the region. For OUTAGE_LRC run and LOR run, solar generation is constrained by both System Normal and Outage constraints. All run types (OUTAGE_LRC, LOR) incorporate MAXAVAIL limits.



Field name	Data type	Primary key	Comment
SS_WIND_CAPACITY	NUMBER(12,2)	No	Constrained generation forecast for wind for the region. For OUTAGE_LRC run and LOR run, wind generation is constrained by both System Normal and Outage constraints. All run types (OUTAGE_LRC, LOR) incorporate MAXAVAIL limits.
SS_SOLAR_CLEARED	NUMBER(12,2)	No	Constrained generation forecast (MW) for solar for the region. For OUTAGE_LRC run and LOR run, solar generation is constrained by both System Normal and Outage constraints. All run types (OUTAGE_LRC, LOR) incorporate MAXAVAIL limits. This value is the same as SS_SOLAR_CAPACITY.
SS_WIND_CLEARED	NUMBER(12,2)	No	Constrained generation forecast (MW) for wind for the region. For OUTAGE_LRC run and LOR run, wind generation is constrained by both System Normal and Outage constraints. All run types (OUTAGE_LRC, LOR) incorporate MAXAVAIL limits. This value is the same as SS_WIND_CAPACITY.

4.11.3 Modified table: PDPASA_CONSTRAINTSOLUTION (comment changes only)

Comment	PDPASA_CONSTRAINTSOLUTION shows binding and violated constraint results from the capacity evaluation, including the RHS value.
Visibility	Public
Data volume	Medium
Trigger	Updated each PDPASA run (i.e. half-hourly).
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	RUN_DATETIME
Project	ST PASA Procedure and Recall Period



Modified columns

Comment changes only

Field name	Data type	Primary key	Comment
RUNTYPE	VARCHAR2(20)	Yes	Type of run. Values are OUTAGE_LRC and LOR. Note that the PDPASA OUTAGE_LRC Run Type is discontinued from 31 July 2025, with only the LOR Run Type reported.

4.11.4 Modified table: PDPASA_INTERCONNECTORSOLN (comment changes only)

Comment	PDPASA_INTERCONNECTORSOLN shows the results of the capacity evaluation for Interconnectors, including the calculated limits for the interval.
Visibility	Public
Data volume	Medium
Trigger	Updated each PDPASA run (i.e. half-hourly).
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	INTERCONNECTORID,INTERVAL_DATETIME,RUN_DATETIME,RUNTYPE,STUDYREGIONID
Project	ST PASA Procedure and Recall Period

Modified columns

Comment changes only



Field name	Data type	Primary key	Comment
RUNTYPE	VARCHAR2(20)	Yes	Type of run. Values are OUTAGE_LRC and LOR. Note that the PDPASA OUTAGE_LRC Run Type is discontinued from 31 July 2025, with only the LOR Run Type reported.

4.12 Package: STPASA

Results from a published Short Term PASA Run.

4.12.1 Modified table: STPASA_DUIDAVAILABILITY (comment changes only)

Comment	This report delivers available capacity, PASA availability and given recall period for all scheduled resources. Note that for an MNSP, DUID = LINKID in the MNSP_INTERCONNECTOR table.
Visibility	Public
Data volume	Medium
Trigger	Start of each STPASA run (every hour).
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	RUN_DATETIME, INTERVAL_DATETIME, DUID
Project	ST PASA Procedure and Recall Period

Modified columns

Comment changes only



Field name	Data type	Primary key	Comment
RUN_DATETIME	DATE	Yes	STPASA run, identified by the nominal start time of the run.
LASTCHANGED	DATE	No	Report Creation Date Time.

4.12.2 Modified table: STPASA_REGIONSOLUTION (comment changes only)

Comment	STPASA_REGIONSOLUTION shows the results of the regional capacity, maximum surplus reserve and maximum spare capacity evaluations for each period of the study. Note that the RELIABILITY_LRC and OUTAGE_LRC Run Types are no longer reported from 31 July 2025.
Visibility	Public
Data volume	Medium
Trigger	Start of each STPASA run (every hour).
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	INTERVAL_DATETIME, REGIONID, RUN_DATETIME, RUNTYPE
Project	ST PASA Procedure and Recall Period

Modified columns

Comment changes only



Field name	Data type	Primary key	Comment
RUN_DATETIME	DATE	Yes	Unique Timestamp Identifier for this run, identified by the nominal start time of the run.
INTERVAL_DATETIME	DATE	Yes	End date time of the interval.
DEMAND10	NUMBER(12,2)	No	10% Probability of Exceedance demand forecast.
DEMAND50	NUMBER(12,2)	No	50% Probability of Exceedance demand forecast.
DEMAND90	NUMBER(12,2)	No	90% Probability of Exceedance demand forecast.
RESERVEREQ	NUMBER(12,2)	No	Reserve Requirement (MW). This field is not populated after 30 July 2025.
CAPACITYREQ	NUMBER(12,2)	No	Demand + Reserve requirements (MW). This field is not populated after 30 July 2025.
ENERGYREQDEMAND50	NUMBER(12,2)	No	Sum of: (Region Demand50)/Period (sum by trading day, entered in first period of trading day, GWh).
UNCONSTRAINEDCAPACITY	NUMBER(12,0)	No	Aggregate generation + WDR capacity from Non-Energy Constrained plant subjected to restrictions due to network constraints.
CONSTRAINEDCAPACITY	NUMBER(12,0)	No	Aggregate generation + WDR capacity from Energy Constrained plant subjected to restrictions due to network constraints.
NETINTERCHANGEUNDERSCARCITY	NUMBER(12,2)	No	Net export (MW) out of this region in the LOR evaluation. Export if > 0, Import if < 0. This value is the same as LORNETINTERCHANGEUNDERSCARCITY.
SURPLUSCAPACITY	NUMBER(12,2)	No	Regional surplus capacity (MW), +/- values indicate surplus/deficit capacity respectively. This value reflects Regional LOR reserve.
SURPLUSRESERVE	NUMBER(12,2)	No	Regional surplus reserve (MW). This value also reflects Regional LOR reserve. Note: For LOR runs, RESERVEREQ requirement input is not used.



Field name	Data type	Primary key	Comment
RESERVECONDITION	NUMBER(1,0)	No	Regional reserve condition from LRC run. This field is not populated after 30 July 2025.
MAXSURPLUSRESERVE	NUMBER(12,2)	No	Maximum Surplus Reserve (MW) evaluated for this region from LRC runs. This field is no longer populated.
MAXSPARECAPACITY	NUMBER(12,2)	No	Maximum Spare Capacity (MW) evaluated for this region. Calculated for each region in turn. This value reflects Regional LOR reserve.
LASTCHANGED	DATE	No	Date time this record was created.
AGGREGATEPASAAVAILABLEITY	NUMBER(12,0)	No	Sum of PASAAVAILABLEITY for all scheduled generating units and scheduled bidirectional units (Gen side) with a Recall_Period <= 24 hours plus the sum of Unconstrained Intermittent Generation Forecasts (UIGF) for all semi-scheduled generating units. For the RELIABILITY_LRC and OUTAGE_LRC runs, UIGF is the POE90 forecast. For the LOR Run, UIGF is the POE50 forecast. Note that the RELIABILITY_LRC and OUTAGE_LRC Run Types are discontinued from 31 July 2025.
MSRNETINTERCHANGEUNDERSCARCITY	NUMBER(12,2)	No	Net interconnector flow from the region for this interval from the MSR assessment. This field is no longer populated.
SEMISCHEDULEDCAPACITY	NUMBER(12,2)	No	Constrained generation forecast (MW) for semi-scheduled units for the region. For RELIABILITY_LRC run, semi-scheduled generation is constrained only by System Normal constraints. For OUTAGE_LRC run and LOR run, semi-scheduled generation is constrained by both System Normal and Outage constraints. All three run types (RELIABILITY_LRC, OUTAGE_LRC, LOR) incorporate MAXAVAIL limits.
LOR_SEMISCHEDULEDCAPACITY	NUMBER(12,2)	No	Constrained generation forecast for semi-scheduled units for the region for the LOR run. Semi-scheduled generation is constrained by both System Normal and Outage constraints, and incorporate MAXAVAIL limits.
LCR2	NUMBER(16,6)	No	Two Largest Credible Risks. MW value for highest two credible contingencies.



Field name	Data type	Primary key	Comment
SS_SOLAR_CLEARED	NUMBER(12,2)	No	Constrained generation forecast (MW) for solar for the region. For RELIABILITY_LRC run, solar generation is constrained only by System Normal constraints. For OUTAGE_LRC run and LOR run, solar generation is constrained by both System Normal and Outage constraints. All three run types (RELIABILITY_LRC, OUTAGE_LRC, LOR) incorporate MAXAVAIL limits. This value is the same as SS_SOLAR_CAPACITY.
SS_WIND_CLEARED	NUMBER(12,2)	No	Constrained generation forecast (MW) for wind for the region. For RELIABILITY_LRC run, wind generation is constrained only by System Normal constraints. For OUTAGE_LRC run and LOR run, wind generation is constrained by both System Normal and Outage constraints. All three run types (RELIABILITY_LRC, OUTAGE_LRC, LOR) incorporate MAXAVAIL limits. This value is the same as SS_WIND_CAPACITY.

4.12.3 Modified table: STPASA_CONSTRAINTSOLUTION (comment changes only)

Comment	STPASA_CONSTRAINTSOLUTION shows binding and violated constraint results from the capacity evaluation, including the RHS value.
Visibility	Public
Data volume	Medium
Trigger	Updated each STPASA run (i.e. every 2 hours).
Participant file share location	<#INTERFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	CONSTRAINTID, INTERVAL_DATETIME, RUN_DATETIME, RUNTYPE, STUDYREGIONID
Project	ST PASA Procedure and Recall Period



Modified columns

Comment only changes

Field name	Data type	Primary key	Comment
RUNTYPE	VARCHAR2(20)	Yes	Type of run. Values are RELIABILITY_LRC, OUTAGE_LRC and LOR. Note that the STPASA RELIABILITY_LRC and OUTAGE_LRC Run Types are discontinued from 31 July 2025, with only the LOR Run Type reported.

4.12.4 Modified table: STPASA_INTERCONNECTORSOLN (comment changes only)

Comment	STPASA_INTERCONNECTORSOLN shows the results of the capacity evaluation for Interconnectors, including the calculated limits for the interval.
Visibility	Public
Data volume	Medium
Trigger	Updated each STPASA run (i.e. every 2 hours).
Participant file share location	<#INTRFACE>\<#PARTICIPANTID>\IMPORT\REPORTS\CSVReports
Primary key (in order)	INTERCONNECTORID,INTERVAL_DATETIME,RUN_DATETIME,RUNTYPE,STUDYREGIONID
Project	ST PASA Procedure and Recall Period

Modified columns

Comment only changes



Field name	Data type	Primary key	Comment
RUNTYPE	VARCHAR2(20)	Yes	Type of run. Values are RELIABILITY_LRC, OUTAGE_LRC and LOR. Note that the STPASA RELIABILITY_LRC and OUTAGE_LRC Run Types are discontinued from 31 July 2025, with only the LOR Run Type reported.

4.13 File interface changes

Package	File ID	Description	Batcher file masks	Frequency	Change	Auto-subscription
DEMAND_FORECASTS	INTERMITTENT_GEN_F CST	Real-time private forecasts for intermittent wind and solar units (30-min PD/STPASA timeframe)	*_INTERMITTENT_GEN _FCST_*.CSV	30 min	Modified	No
	NEXT_DAY_INTERMITT ENT_GEN_FCST	Next day public forecasts for intermittent wind and solar units (30-min PD/STPASA timeframe)	PUBLIC_NEXT_DAY_INT ERMITTENT_GEN_FCST _*.CSV	Daily	New	No
	INTERMITTENT_GEN_F CST_P5	Real-time private forecasts for intermittent wind and solar units (5-min P5MIN timeframe)	*_INTERMITTENT_GEN _FCST_P5_*.CSV	5 min	New	Yes
	NEXT_DAY_INTERMITT ENT_GEN_FCST_P5	Next day public forecasts for intermittent wind and solar units (5-min P5MIN timeframe)	PUBLIC_NEXT_DAY_INT ERMITTENT_GEN_FCST _P5_*.CSV	Daily	New	No



Package	File ID	Description	Batcher file masks	Frequency	Change	Auto-subscription
	ROOFTOP_PV_FCST	Real-time public forecasts for rooftop PV Areas (30-min PD/STPASA timeframe)	PUBLIC_ROOFTOP_PV_FCST_*.CSV	30 min	New	Yes
	ROOFTOP_PV_FCST_P5	Real-time public forecasts for rooftop PV Areas (5-min DS/P5MIN timeframe)	PUBLIC_ROOFTOP_PV_FCST_P5_*.CSV	5 min	New	Yes
	ROOFTOP_PV_ACTL	Real-time public estimated actuals for rooftop PV Areas (5-min and 30-min resolution)	PUBLIC_ROOFTOP_PV_ACTL_*.CSV	5 and 30 min	New	Yes
DISPATCH	DS_ROOFTOP_PV_FCST_TRK	Real-time tracking of which Rooftop PV forecast run was used for the Area in the corresponding Dispatch run.	PUBLIC_ROOFTOP_PV_FCST_DS_TRK_*.CSV	5 min	New	Yes
	DISPATCHIS	DISPATCHLOAD set out the current SCADA MW and target MW for each dispatchable unit, including relevant Frequency Control Ancillary Services (FCAS) enabling targets for each five minutes and additional fields to handle the new Ancillary Services functionality. Fast Start Plant status is indicated by dispatch mode.	*DISPATCHIS*.CSV	5 min	New	No



Package	File ID	Description	Batcher file masks	Frequency	Change	Auto-subscription
	NEXT_DAY_DISPATCH	DISPATCHLOAD set out the current SCADA MW and target MW for each dispatchable unit, including relevant Frequency Control Ancillary Services (FCAS) enabling targets for each five minutes and additional fields to handle the new Ancillary Services functionality. Fast Start Plant status is indicated by dispatch mode.	*NEXT_DAY_DISPATCH *.CSV	5 min	New	No
P5MIN	P5_INTERMITTENT_GEN_FCST_TRK	Real-time tracking of which Intermittent Generation forecast run was used for the DUID in the corresponding 5-min Pre-dispatch run.	*_INTERMITTENT_GEN_FCST_P5_TRK_*.CSV	5 min	New	Yes
	P5_ROOFTOP_PV_FCST_TRK	Real-time tracking of which Rooftop PV forecast run was used for the Area in the corresponding 5-min Pre-dispatch run.	PUBLIC_ROOFTOP_PV_FCST_P5_TRK_*.CSV	5 min	New	Yes



Package	File ID	Description	Batcher file masks	Frequency	Change	Auto-subscription
	P5MIN	The five-minute pre-dispatch (P5Min) is a MMS system providing projected dispatch for 12 Dispatch cycles (one hour). The 5-minute pre-dispatch cycle runs every 5-minutes to produce a dispatch and pricing schedule to a 5-minute resolution covering the next hour, a total of twelve periods. P5MIN_UNITSOLUTION shows the Unit results from the capacity evaluations for each period of the study.	*P5MIN*.CSV	5 min	New	No
PRE_DISPATCH	PD_INTERMITTENT_GEN_FCST_TRK	Real-time tracking of which Intermittent Generation forecast run was used for the DUID in the corresponding Pre-dispatch run.	*_INTERMITTENT_GEN_FCST_PD_TRK_*.CSV	30 min	New	Yes
	PD_ROOFTOP_PV_FCST_TRK	Real-time tracking of which Rooftop PV forecast run was used for the Area in the corresponding Pre-dispatch run.	PUBLIC_ROOFTOP_PV_FCST_PD_TRK_*.CSV	30 min	New	Yes



Package	File ID	Description	Batcher file masks	Frequency	Change	Auto-subscription
	NEXT_DAY_PREDISPAT CH_D	PREDISPATCHLOAD shows pre-dispatch targets for each dispatchable unit, including additional fields to handle the Ancillary Services functionality. No record is written where a unit is not dispatched. PREDISPATCHLOAD shows all the results for each period.	*NEXT_DAY_PREDISPA TCH_D*.CSV	30 min	New	No
	PREDISPATCHIS	PREDISPATCHLOAD shows pre-dispatch targets for each dispatchable unit, including additional fields to handle the Ancillary Services functionality. No record is written where a unit is not dispatched. PREDISPATCHLOAD shows all the results for each period.	*PREDISPATCHIS*.CSV	30 min	New	No
MARKET_CONFIG	AREA	Static metadata for the Areas (sub-regions used in load forecasting and rooftop PV forecasting)	PUBLIC_AREA_*.CSV	Ad hoc	New	Yes
	REGION_AREA	Static metadata for mapping the Areas (sub-regions) to Regions	PUBLIC_REGION_AREA _*.CSV	Ad hoc	New	Yes



Package	File ID	Description	Batcher file masks	Frequency	Change	Auto-subscription
SYSTEM_SECURITY_MANAGEMENT	SSM_CONTACT_UNIT_AVAIL				New	Yes
	SSM_INSTRUCTION				New	Yes
	SSM_DAILY_SCHEDULE				New	Yes
	SSM_AVAILABILITY				New	Yes
	SSM_ENABLEMENT_PERIOD				New	Yes
	SSM_ENABLEMENT_COSTS				New	Yes

4.14 Participant interfaces changes

Package	Data model table	File ID	CSV report type	Change
DEMAND_FORECASTS	INTERMITTENT_GEN_FCST_RUN	INTERMITTENT_GEN_FCST	INTERMITTENT_GEN,FORECAST,1	New
	INTERMITTENT_GEN_FCST_RUN	NEXT_DAY_INTERMITTENT_GEN_FCST	INTERMITTENT_GEN,FORECAST,1	New
	INTERMITTENT_GEN_FCST_PRED	INTERMITTENT_GEN_FCST	INTERMITTENT_GEN_FCST_PRED,1	New
	INTERMITTENT_GEN_FCST_PRED	NEXT_DAY_INTERMITTENT_GEN_FCST	INTERMITTENT_GEN_FCST_PRED,1	New



Package	Data model table	File ID	CSV report type	Change
	INTERMITTENT_GEN_FCST_P5_RUN	INTERMITTENT_GEN_FCST_P5	INTERMITTENT_GEN_FCST_P5_RUN,1	New
	INTERMITTENT_GEN_FCST_P5_RUN	NEXT_DAY_INTERMITTENT_GEN_FCST_P5	INTERMITTENT_GEN_FCST_P5_RUN,1	New
	INTERMITTENT_GEN_FCST_P5_PRED	INTERMITTENT_GEN_FCST_P5	INTERMITTENT_GEN_FCST_P5_PRED,1	New
	INTERMITTENT_GEN_FCST_P5_PRED	NEXT_DAY_INTERMITTENT_GEN_FCST_P5	INTERMITTENT_GEN_FCST_P5_PRED,1	New
	ROOFTOP_PV_FCST_RUN	ROOFTOP_PV_FCST	ROOFTOP,FORECAST,1	New
	ROOFTOP_PV_FCST_PRED	ROOFTOP_PV_FCST	ROOFTOP,FORECAST,1	New
	ROOFTOP_PV_FCST_P5_RUN	ROOFTOP_PV_FCST_P5	ROOFTOP,FORECAST,1	New
	ROOFTOP_PV_FCST_P5_PRED	ROOFTOP_PV_FCST_P5	ROOFTOP,FORECAST,1	New
	ROOFTOP_PV_ACTUAL_RUN	ROOFTOP_PV_ACTL	ROOFTOP,ACTUAL1	New
	ROOFTOP_PV_ACTUAL_PRED	ROOFTOP_PV_ACTL	ROOFTOP,ACTUAL,1	New
SETTLEMENT_DATA	SET_NMAS_MANUAL_PAYMENT	SETTLEMENTS_EXTN	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



Package	Data model table	File ID	CSV report type	Change
DISPATCH	DISPATCH_ROOFTOP_PV_FCST_TRK	DS_ROOFTOP_PV_FCST_TRK	DISPATCH,ROOFTOP_PV,1	New
	DISPATCHLOAD	DISPATCHIS	DISPATCH,UNIT_SOLUTION,6	New
	DISPATCHLOAD	NEXT_DAY_DISPATCH	DISPATCH,UNIT_SOLUTION,6	New
P5MIN	P5MIN_INTERMITTENT_FCST_TRK	P5_INTERMITTENT_GEN_FCST_TRK	P5MIN,INTERMITTENT_GEN,1	New
	P5MIN_INTERMITTENT_FCST_TRK	NEXT_DAY_INTERMITTENT_GEN_FCST_P5	P5MIN,INTERMITTENT_GEN,1	New
	P5MIN_ROOFTOP_PV_FCST_TRK	P5_ROOFTOP_PV_FCST_TRK	P5MIN,ROOFTOP_PV,1	New
	P5MIN_UNITSOLUTION	P5MIN	P5MIN,UNITSOLUTION,7	New
PRE-DISPATCH	PD_INTERMITTENT_FCST_TRK	PD_INTERMITTENT_GEN_FCST_TRK	PREDISPATCH,INTERMITTENT_GEN,1	New
	PD_INTERMITTENT_FCST_TRK	NEXT_DAY_INTERMITTENT_GEN_FCST	PREDISPATCH,INTERMITTENT_GEN,1	New
	PD_ROOFTOP_PV_FCST_TRK	PD_ROOFTOP_PV_FCST_TRK	PREDISPATCH,ROOFTOP_PV,1	New
	PREDISPATCHLOAD	NEXT_DAY_PREDISPATCH_D	PREDISPATCH,UNIT_SOLUTION,5	New
	PREDISPATCHLOAD	PREDISPATCHIS	PREDISPATCH,UNIT_SOLUTION,5	New
MARKET_CONFIG	AREA	AREA	MARKET_CONFIG,AREA,1	New
	REGION_AREA	REGION_AREA	MARKET_CONFIG,REGION_AREA,1	New



Package	Data model table	File ID	CSV report type	Change
SYSTEM_SECURITY_MANAGEMENT	SSM_CONTRACT_UNIT_AVAIL	SSM_CONTRACT_UNIT_AVAIL	SSM,CONTRACT_UNIT_AVAIL,1	New
	SSM_INSTRUCTION	SSM_INSTRUCTION	SSM,INSTRUCTION,1	New
	SSM_SCHEDULE	NEXT_DAY_DAILY_SCHEDULE	SSM,SCHEDULE,1	New
	SSM_SCHEDULED_AVAILABILITY	NEXT_DAY_SCHEDULED_AVAILABILITY	SSM,SCHEDULED_AVAILABILITY,1	New
	SSM_ENABLEMENT_PERIOD	NEXT_DAY_ENABLEMENT_PERIOD	SSM,ENABLEMENT_PERIOD,1	New
	SSM_ENABLEMENT_COSTS	NEXT_DAY_ENABLEMENT_COSTS	SSM,ENABLEMENT_COSTS,1	New

4.15 Discontinued reports

Data model table	File ID	Delivered in file	CSV report type	Replaced by	Reason
In alphabetical order		*_FILEID_LEGACY*.CSV	BILLING,BILLINGCPDATA,7	BILLING,BILLINGCPDATA,8	
BILLING_DIRECTION_RECONCILIATION	BILLING, BILLING_LEGACY				Moved to HISTORICAL package.



Data model table	File ID	Delivered in file	CSV report type	Replaced by	Reason
BILLINGCPDATA	BILLING			BILLING_ENERGY_TRANSACTIONS	Moved to HISTORICAL package. Table comments updated to reflect this change.
BILLINGGENDATA	BILLING			BILLING_ENERGY_GENSET_DETAIL	Moved to HISTORICAL package. Table comments updated to reflect this change.
DISPATCHLOAD	NEXT_DAY_DISPATCH	*_NEXT_DAY_DISPATCH_*.CSV	DISPATCH	NEXT_DAY_DISPATCH, DISPATCHLOAD,6	Modified table
DISPATCHREGIONSUM	DISPATCHIS	*_DISPATCHIS_*.CSV	DISPATCH	DISPATCHIS, DISPATCHREGIONSUM,10	Modified table
P5MIN_REGIONSOLUTION	P5MIN	*_P5MIN_*.CSV	P5MIN	P5MIN, P5MIN_REGIONSOLUTION, 11	Modified table
PREDISPATCHLOAD	NEXT_DAY_PREDISPATCH_D	*_NEXT_DAY_PREDISPATCH_D_*.CSV	PREDISPATCH	NEXT_DAY_PREDISPATCH_D, PREDISPATCHLOAD,5	Modified table
PREDISPATCHREGIONSUM	PREDISPATCHIS	*_PREDISPATCHIS_*.CSV	PREDISPATCH	PREDISPATCHIS, DISPATCHREGIONSUM,10	Modified table



Data model table	File ID	Delivered in file	CSV report type	Replaced by	Reason
RESERVE	RESERVETRK				Moved to HISTORICAL package.
SET_RUN_PARAMETER	SETTLEMENTS				Moved to HISTORICAL package.
SETCPDATA	SETTLEMENTS			SET_ENERGY_TRANSACTIONS and SET_ENERGY_GENSET_DETAIL	Moved to HISTORICAL package. Table comments updated to reflect this change.
SETGENDATA	SETTLEMENTS			SET_ENERGY_TRANSACTIONS and SET_ENERGY_GENSET_DETAIL	Moved to HISTORICAL package. Table comments updated to reflect this change.
SETSMALLGENDATA	SETTLEMENTS			SET_ENERGY_TRANSACTIONS and SET_ENERGY_GENSET_DETAIL	Moved to HISTORICAL package. Table comments updated to reflect this change.



Data model table	File ID	Delivered in file	CSV report type	Replaced by	Reason
SETCPDATAREGION	SETTLEMENTS			SET_ENERGY_REGION_SUMMARY	Moved to HISTORICAL package. Table comments updated to reflect this change.
SETGENDATAREGION	SETTLEMENTS			SET_ENERGY_REGION_SUMMARY	Moved to HISTORICAL package. Table comments updated to reflect this change.

4.16 Non-functional changes

Table 1 MMS Data Model 5.6 non-functional changes

MMS Data Model table	Change detail
None	

5 FAQs

5.1 Has the granularity of data published for Rooftop PV Demand Forecasts changed, specifically in the ROOFTOP_PV_FCST_RUN table?

No, the granularity remains unchanged. AEMO will continue providing the 30-minute forecasts in the existing table ROOFTOP_PV_FORECAST, and will begin publishing the 30-minute forecasts in the new table ROOFTOP_PV_FCST_PRED in Data Model v5.6, with the former table to be removed in a future Data Model version/release. Additionally, AEMO will begin providing new 5-minute forecasts in the new table ROOFTOP_PV_FCST_P5_PRED.

5.2 Is the AREAID the same as the current regional data?

No, AREAID refers to load forecasting area boundaries defined in AEMO's Load Forecasting Operating Procedure (SO_OP_3710). These include sub-regions of QLD1 and TAS1 i.e. QLDNORTH, QLDCENTRAL, QLDSOUTH, and TASNORTH, TASSOUTH, respectively.

The existing Rooftop PV reports use REGIONID whereas the new Rooftop PV reports use AREAID. To map AREAID to REGIONID, use the new REGION_AREA table in Data Model v5.6. Note, the existing Rooftop PV reports will be removed in a future Data Model version/release.

5.3 Both the ROOFTOP_PV_FORECAST and ROOFTOP_PV_ACTUAL tables use REGIONID as their level of resolution. If AREAID is not equivalent to REGIONID, how can I establish a mapping between these two fields?

In Data Model v5.6, the new table REGION_AREA maps the AREAID to REGIONID.

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: Tuesday 14 October 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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