



Electricity Data Model Upgrade Report

AEMO Electricity Data Model v5.8.0 Oracle

18/09/2026

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1 Package: BILLING_CONFIG

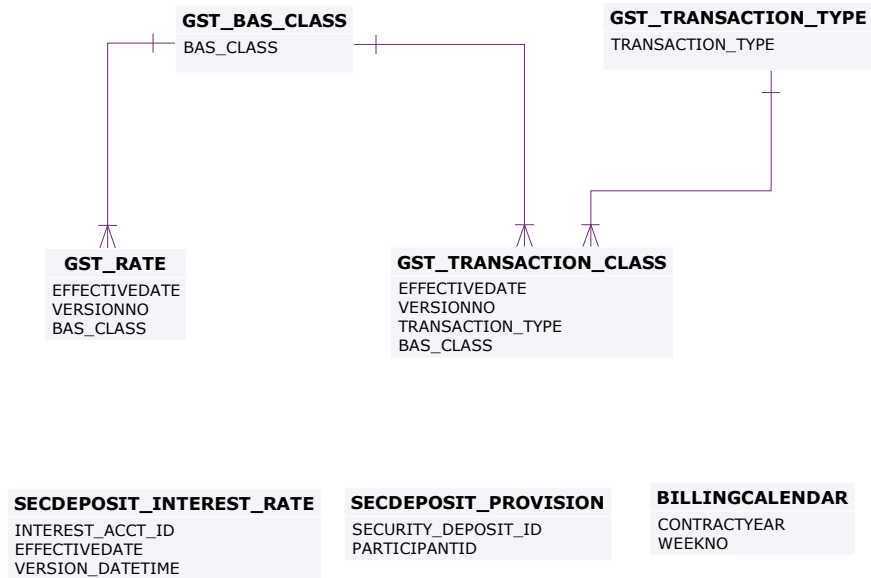
Name BILLING_CONFIG

Comment Configuration data for the Billing Process

1.1 List of tables

Name	Comment
BILLINGCALENDAR	BILLINGCALENDAR sets out the billing calendar for the year, with week number 1 starting on 1 January. BILLINGCALENDAR advises preliminary and final statement posting date and corresponding settlement for each billing week.

1.2 Diagram: Entities: Billing Config



1.3 Table: BILLINGCALENDAR

<i>Name</i>	BILLINGCALENDAR
<i>Comment</i>	BILLINGCALENDAR sets out the billing calendar for the year, with week number 1 starting on 1 January. BILLINGCALENDAR advises preliminary and final statement posting date and corresponding settlement for each billing week.

1.3.1 Description

BILLINGCALENDAR is public data, and is available to all participants.

Source

Infrequently, only when inserting billing weeks for a future contractyear.

Volume

52-53 records inserted per contractyear

1.3.2 Notes

Name	Comment	Value
Visibility		Public

1.3.3 Primary Key Columns

Name
CONTRACTYEAR
WEEKNO

1.3.4 Index Columns

Name
LASTCHANGED

1.3.5 Content

Name	Data Type	Mandatory	Comment
CONTRACTYEAR	NUMBER(4,0)	X	AEMO Contract Year number starting in week containing 1st January
WEEKNO	NUMBER(3,0)	X	Week no within the contract year. Week no 1 is the week containing 1st January
STARTDATE	DATE		Start Date of week
ENDDATE	DATE		End Date of week
PRELIMINARYSTATEMENTDATE	DATE		Preliminary Statement Date
FINALSTATEMENTDATE	DATE		Final Statement Date
PAYMENTDATE	DATE		Payment Date
LASTCHANGED	DATE		Last date and time record changed
REVISION1_STATEMENTDATE	DATE		Revision 1 Statement Date for the billing week.
REVISION2_STATEMENTDATE	DATE		Revision 2 Statement Date for the billing week.
REVISION0_STATEMENTDATE	DATE		Revision 0 Statement Date for the billing week.
REVISIONS_ATTACHED_TO_FINAL	VARCHAR2(50)		The list of Revisions that are attached in the FINAL Statement of the week
REV0_FINAL_ATTACH_WEEK	VARCHAR2(10)		The FINAL Week where the R0 will be attached.
REV0_PAYMENT_DATE	DATE		The payment date of the FINAL week in REV0_FINAL_ATTACH_WEEK.
REV1_FINAL_ATTACH_WEEK	VARCHAR2(10)		The FINAL Week where the R1 will be attached.
REV1_PAYMENT_DATE	DATE		The payment date of the FINAL week in REV1_FINAL_ATTACH_WEEK.
REV2_FINAL_ATTACH_WEEK	VARCHAR2(10)		The FINAL Week where the R2 will be attached.
REV2_PAYMENT_DATE	DATE		The payment date of the FINAL week in REV2_FINAL_ATTACH_WEEK.

2 Package: BILLING_RUN

Name BILLING_RUN

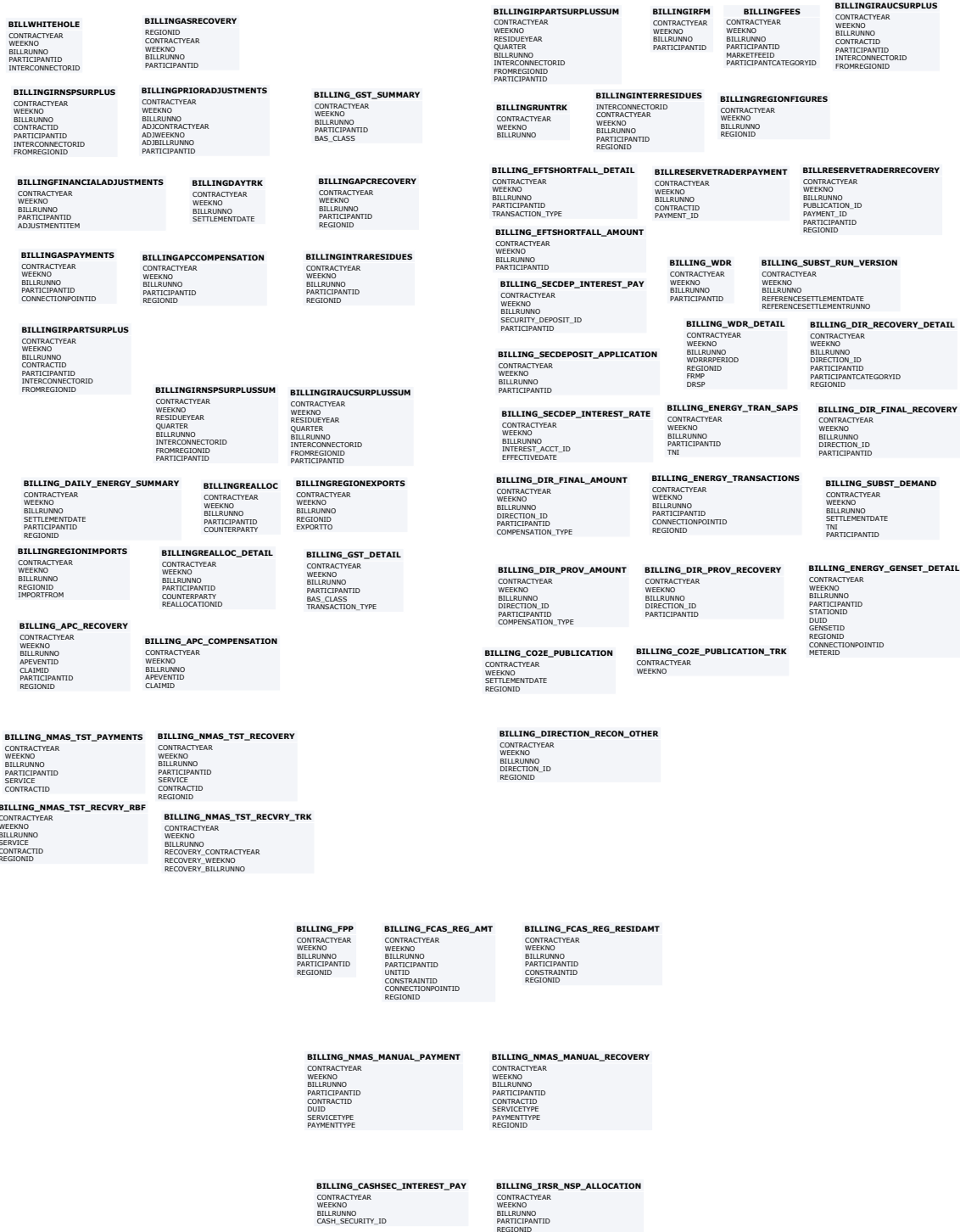
Comment Results from a published Billing Run. The settlement data and billing run data are updated daily between 6am and 8am for AEMO's prudential processes. In a normal week, AEMO publishes one PRELIM, one FINAL and two REVISION runs in addition to the daily runs.

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

2.1 List of tables

Name	Comment
BILLING_CASHSEC_INTEREST_PAY	Indicates the amount of cash security interest payment the participant receives
BILLING_IRSR_NSP_ALLOCATION	The report is used to show the participants the negative residue amount to TNSP based on regional share

2.2 Diagram: Entities: Billing Run



2.3 Table: BILLING_CASHSEC_INTEREST_PAY

<i>Name</i>	BILLING_CASHSEC_INTEREST_PAY
<i>Comment</i>	Indicates the amount of cash security interest payment the participant receives

2.3.1 Notes

Name	Comment	Value
Visibility		Private

2.3.2 Primary Key Columns

Name
BILLRUNNO
CASH_SECURITY_ID
CONTRACTYEAR
WEEKNO

2.3.3 Content

Name	Data Type	Mandatory	Comment
CONTRACTYEAR	NUMBER(4,0)	X	ContractYear/ WeekNo/ BillRunNo for the Interest payment
WEEKNO	NUMBER(3,0)	X	The Billing WeekNo
BILLRUNNO	NUMBER(3,0)	X	The Billing RunNo
CASH_SECURITY_ID	VARCHAR2(20)	X	The Cash Security ID
PARTICIPANTID	VARCHAR2(20)		Unique identifier for the Participant lodging the cash security
CASH_AMOUNT	NUMBER(18,8)		Dollar amount of the cash security
INTEREST_ACCT_ID	VARCHAR2(20)		The interest account ID for calculating the interest payment

INTEREST_AMOUNT	NUMBER(18,8)		Interest amount calculated for the billing week
LASTCHANGED	DATE		The last changed date time of the record

2.4 Table: BILLING_IRSR_NSP_ALLOCATION

Name BILLING_IRSR_NSP_ALLOCATION

Comment The report is used to show the participants the negative residue amount to TNSP based on regional share

2.4.1 Notes

Name	Comment	Value
Visibility		Private

2.4.2 Primary Key Columns

Name

BILLRUNNO

CONTRACTYEAR

PARTICIPANTID

REGIONID

WEEKNO

2.4.3 Content

Name	Data Type	Mandatory	Comment
CONTRACTYEAR	NUMBER(4,0)	X	The Billing Contract Year.
WEEKNO	NUMBER(3,0)	X	The Billing WeekNo
BILLRUNNO	NUMBER(3,0)	X	The Billing RunNo
PARTICIPANTID	VARCHAR2(20)	X	TNSP Participant Identifier
REGIONID	VARCHAR2(20)	X	The Region Identifier
RESIDUE_AMOUNT	NUMBER(18,8)		Calculated Amount based on regional share
LASTCHANGED	DATE		The last changed date time of the record

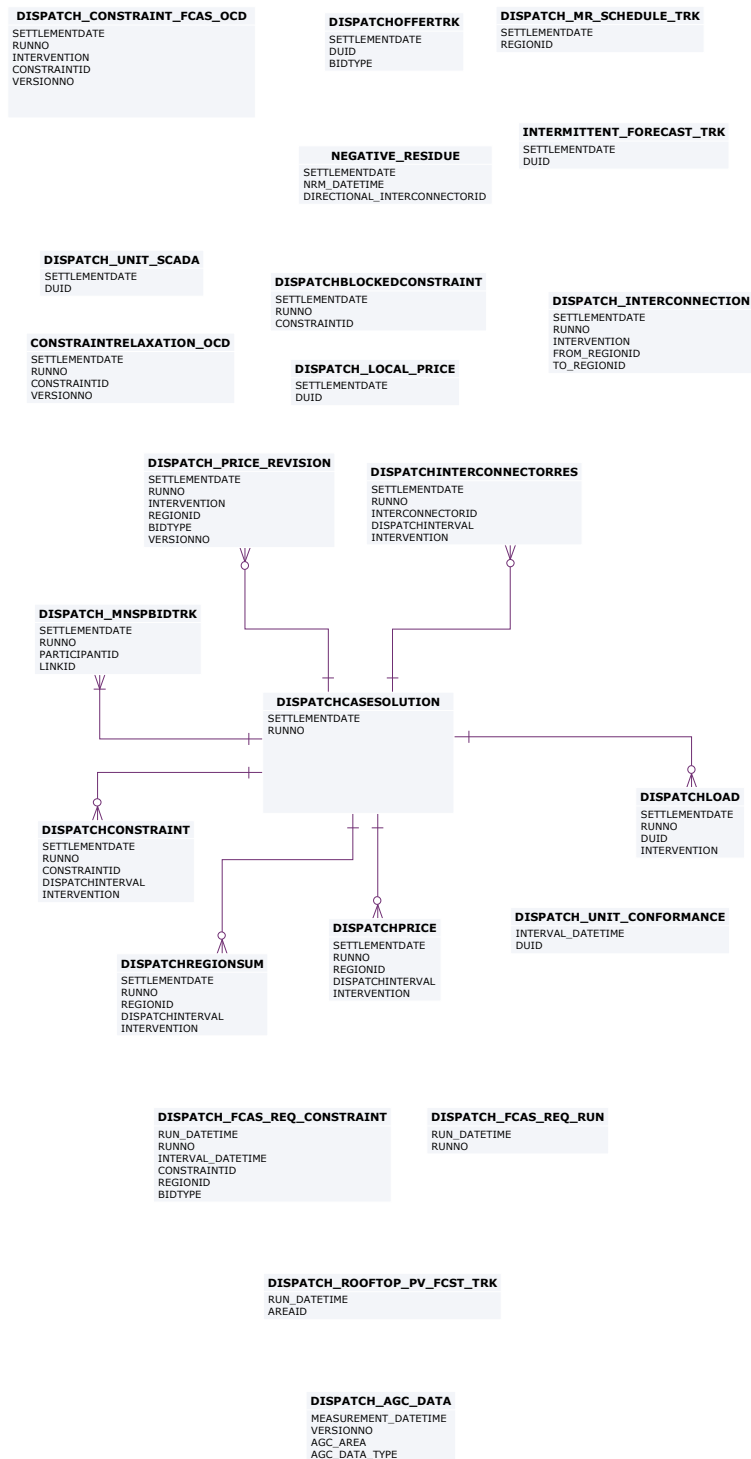
3 Package: DISPATCH

<i>Name</i>	DISPATCH
<i>Comment</i>	Results from a published Dispatch Run

3.1 List of tables

Name	Comment
DISPATCH_AGC_DATA	THIS report delivers 4-second system data from the AEMO AGC system

3.2 Diagram: Entities: Dispatch



3.3 Table: DISPATCH_AGC_DATA

<i>Name</i>	DISPATCH_AGC_DATA
<i>Comment</i>	THIS report delivers 4-second system data from the AEMO AGC system

3.3.1 Notes

Name	Comment	Value
Visibility		Public

3.3.2 Primary Key Columns

Name
AGC_AREA
AGC_DATA_TYPE
MEASUREMENT_DATETIME
VERSIONNO

3.3.3 Content

Name	Data Type	Mandatory	Comment
MEASUREMENT_DATETIME	DATE	X	Date and time of the SCADA data(DD/MM/YYYY HH24:MI:SS) fixed to the UTC+10 time zone(NEM time)
VERSIONNO	NUMBER(3)	X	Count of version
AGC_AREA	VARCHAR2(20)	X	AGC Control Region
AGC_DATA_TYPE	VARCHAR2(20)	X	AGC parameter type
AGC_VALUE	NUMBER(15,5)		AGC parameter value
LASTCHANGED	DATE		Last date and time record changed

4 Package: PARTICIPANT_REGISTRATION

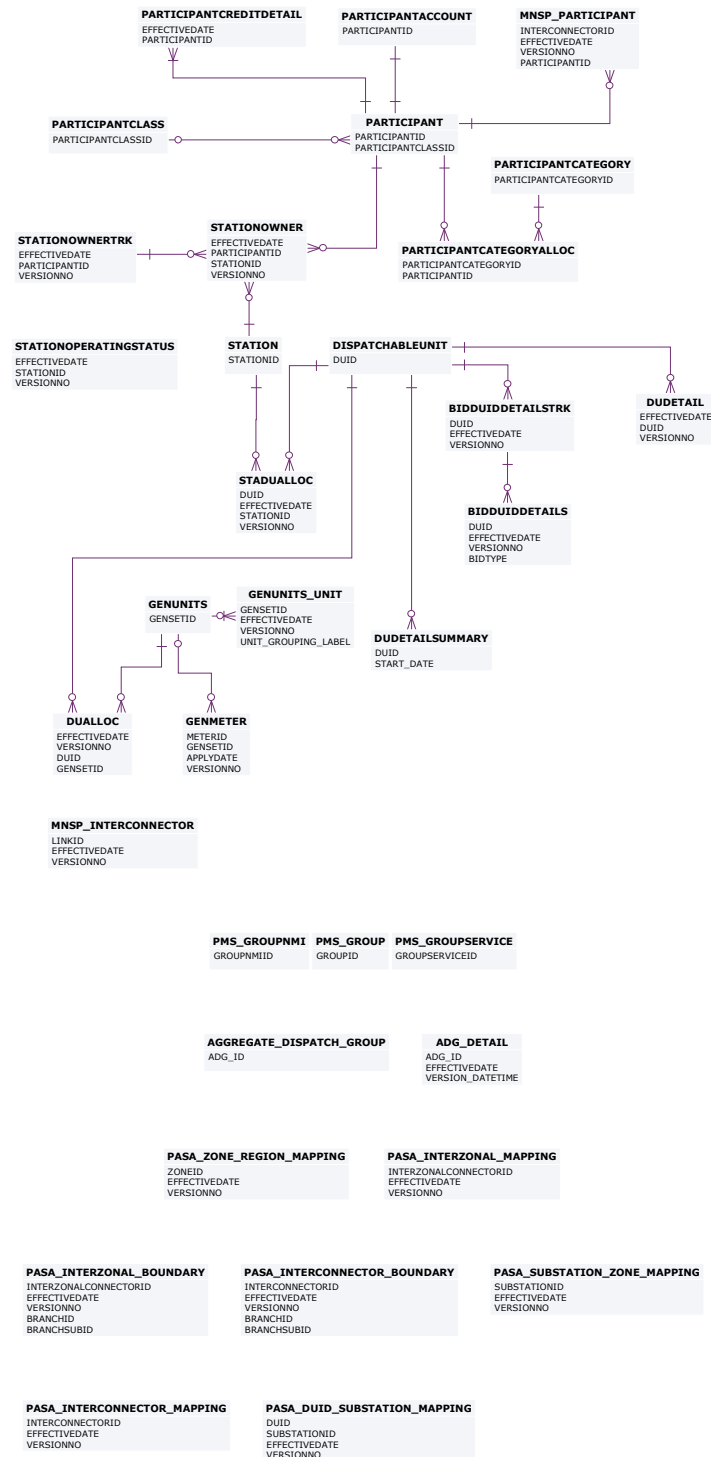
Name PARTICIPANT_REGISTRATION

Comment Participant registration data

4.1 List of tables

Name	Comment
PASA_DUID_SUBSTATION_MAPPING	PASA_DUID_SUBSTATION_MAPPING shows the mapping of each DUID to its Energy Management System Substation ID
PASA_INTERCONNECTOR_BOUNDARY	PASA_INTERCONNECTOR_BOUNDARY shows the mapping of each Interconnector boundary to its constituent Energy Management System Branch IDs
PASA_INTERCONNECTOR_MAPPING	PASA_INTERCONNECTOR_MAPPING shows the mapping of each Interconnector to its From Region ID and To Region ID
PASA_INTERZONAL_BOUNDARY	PASA_INTERZONAL_BOUNDARY shows the mapping of each Interzonal connector boundary to its constituent Energy Management System Branch IDs
PASA_INTERZONAL_MAPPING	PASA_INTERZONAL_MAPPING shows inter-zonal mapping details, including operating status.
PASA_SUBSTATION_ZONE_MAPPING	PASA_SUBSTATION_ZONE_MAPPING shows the mapping of each Energy Management System Substation ID to its parent Zone ID

4.2 Diagram: Entities: Participant Registration



4.3 Table: PASA_DUID_SUBSTATION_MAPPING

<i>Name</i>	PASA_DUID_SUBSTATION_MAPPING
<i>Comment</i>	PASA_DUID_SUBSTATION_MAPPING shows the mapping of each DUID to its Energy Management System Substation ID

4.3.1 Notes

Name	Comment	Value
Visibility		Public

4.3.2 Primary Key Columns

Name

DUID

EFFECTIVEDATE

SUBSTATIONID

VERSIONNO

4.3.3 Content

Name	Data Type	Mandatory	Comment
DUID	VARCHAR2(20)	X	The dispatchable unit identifier
SUBSTATIONID	VARCHAR2(30)	X	The Energy Management System identifier of the Substation to which this DUID belongs
EFFECTIVEDATE	DATE	X	Effective date of this DUID to Substation ID mapping
VERSIONNO	NUMBER(3,0)	X	Version number for the Effective date
OPERATINGSTATUS	VARCHAR2(20)		Active or inactive indicator
LASTCHANGED	DATE		Date time this record was created

4.4 Table: PASA_INTERCONNECTOR_BOUNDARY

<i>Name</i>	PASA_INTERCONNECTOR_BOUNDARY
<i>Comment</i>	PASA_INTERCONNECTOR_BOUNDARY shows the mapping of each Interconnector boundary to its constituent Energy Management System Branch IDs

4.4.1 Notes

Name	Comment	Value
Visibility		Public

4.4.2 Primary Key Columns

Name
BRANCHID
BRANCHSUBID
EFFECTIVEDATE
INTERCONNECTORID
VERSIONNO

4.4.3 Content

Name	Data Type	Mandatory	Comment
INTERCONNECTORID	VARCHAR2(20)	X	The identifier of the Interconnector
EFFECTIVEDATE	DATE	X	Effective date of this Interconnector Boundary mapping
VERSIONNO	NUMBER(3,0)	X	Version number for the Effective date
BRANCHID	VARCHAR2(50)	X	Branch Identifier
BRANCHSUBID	VARCHAR2(50)	X	Branch Sub-Identifier
BRANCHFROMSUBSTATION	VARCHAR2(30)		Branch FromSubstation. Positive BranchFlow from FromSubstation to ToSubstation.

BRANCHTOSUBSTATION	VARCHAR2(30)		Branch ToSubstation. Positive BranchFlow from FromSubStation to ToSubStation.
BRANCHTYPE	VARCHAR2(10)		Branch Type(LN = Line, XF = Transformer, ZBR = Zero Impedance Branch)
BRANCH_TO_INTERCONN_FLOW MULT	NUMBER(1,0)		Multiplier(1 or -1) used to convert from Branch Flow direction to Interconnector flow direction
OPERATINGSTATUS	VARCHAR2(20)		Active or inactive indicator
LASTCHANGED	DATE		Date time this record was created

4.5 Table: PASA_INTERCONNECTOR_MAPPING

Name	PASA_INTERCONNECTOR_MAPPING
Comment	PASA_INTERCONNECTOR_MAPPING shows the mapping of each Interconnector to its From Region ID and To Region ID

4.5.1 Notes

Name	Comment	Value
Visibility		Public

4.5.2 Primary Key Columns

Name
EFFECTIVEDATE
INTERCONNECTORID
VERSIONNO

4.5.3 Content

Name	Data Type	Mandatory	Comment
INTERCONNECTORID	VARCHAR2(20)	X	The identifier for this Interconnector
EFFECTIVEDATE	DATE	X	Effective date of this Interconnector mapping
VERSIONNO	NUMBER(3,0)	X	Version number for the Effective date
FROMREGIONID	VARCHAR2(20)		From Region ID for this Interconnector
TOREGIONID	VARCHAR2(20)		To Region ID for this Interconnector
INTERCONNECTOR_FULLNAME	VARCHAR2(50)		Full Name for this Interconnector
OPERATINGSTATUS	VARCHAR2(20)		Active or inactive indicator
LASTCHANGED	DATE		Date time this record was created

4.6 Table: PASA_INTERZONAL_BOUNDARY

Name	PASA_INTERZONAL_BOUNDARY
Comment	PASA_INTERZONAL_BOUNDARY shows the mapping of each Interzonal connector boundary to its constituent Energy Management System Branch IDs

4.6.1 Notes

Name	Comment	Value
Visibility		Public

4.6.2 Primary Key Columns

Name
BRANCHID
BRANCHSUBID
EFFECTIVEDATE
INTERZONALCONNECTORID
VERSIONNO

4.6.3 Content

Name	Data Type	Mandatory	Comment
INTERZONALCONNECTORID	VARCHAR2(50)	X	The identifier for this Interzonal connector
EFFECTIVEDATE	DATE	X	Effective date of this Interzonal connector boundary definition
VERSIONNO	NUMBER(3,0)	X	Version number for the Effective date
BRANCHID	VARCHAR2(50)	X	Branch Identifier
BRANCHSUBID	VARCHAR2(50)	X	Branch Sub-Identifier
BRANCHFROMSUBSTATION	VARCHAR2(30)		Branch FromSubstation. Positive Branch Flow from FromSubstation to ToSubstation.
BRANCHTOSUBSTATION	VARCHAR2(30)		Branch ToSubstation. Positive Branch Flow

			from FromSubstation to ToSubstation.
BRANCHTYPE	VARCHAR2(10)		Branch Type(LN = Line, XF = Transformer, ZBR = Zero Impedance Branch)
BRANCH_TO_INTERZONAL_FLOW MULT	NUMBER(1,0)		Multiplier(1 or -1) used to convert from Branch Flow direction to Interzonal connector flow direction
OPERATINGSTATUS	VARCHAR2(20)		Active or inactive indicator
LASTCHANGED	DATE		Date time this record was created

4.7 Table: PASA_INTERZONAL_MAPPING

Name	PASA_INTERZONAL_MAPPING
Comment	PASA_INTERZONAL_MAPPING shows inter-zonal mapping details, including operating status.

4.7.1 Notes

Name	Comment	Value
Visibility		Public

4.7.2 Primary Key Columns

Name
EFFECTIVEDATE
INTERZONALCONNECTORID
VERSIONNO

4.7.3 Content

Name	Data Type	Mandatory	Comment
INTERZONALCONNECTORID	VARCHAR2(50)	X	The identifier for this Interzonal connector
EFFECTIVEDATE	DATE	X	Effective date of this InterZonal Mapping
VERSIONNO	NUMBER(3,0)	X	Version number for the Effective date
FROMZONEID	VARCHAR2(30)		The From ZoneId for this Interzonal connector
TOZONEID	VARCHAR2(30)		The To ZoneId for this Interzonal connector
OPERATINGSTATUS	VARCHAR2(20)		Active or inactive indicator
LASTCHANGED	DATE		Date time this record was created
INTERZONALCONNECTOR_FULLNAME	VARCHAR2(50)		Full Name for this Interzonal connector

4.8 Table: PASA_SUBSTATION_ZONE_MAPPING

<i>Name</i>	PASA_SUBSTATION_ZONE_MAPPING
<i>Comment</i>	PASA_SUBSTATION_ZONE_MAPPING shows the mapping of each Energy Management System Substation ID to its parent Zone ID

4.8.1 Notes

Name	Comment	Value
Visibility		Public

4.8.2 Primary Key Columns

Name
EFFECTIVEDATE
SUBSTATIONID
VERSIONNO

4.8.3 Content

Name	Data Type	Mandatory	Comment
SUBSTATIONID	VARCHAR2(30)	X	The Energy Management System identifier for this Substation
EFFECTIVEDATE	DATE	X	Effective date of this Energy Management System Substation ID to Zone ID mapping
VERSIONNO	NUMBER(3,0)	X	Version number for the Effective date
ZONEID	VARCHAR2(30)		The identifier of the Zone to which this Energy Management System Substation ID belongs
OPERATINGSTATUS	VARCHAR2(20)		Active or inactive indicator
LASTCHANGED	DATE		Date time this record was created

5 Package: SETTLEMENT_DATA

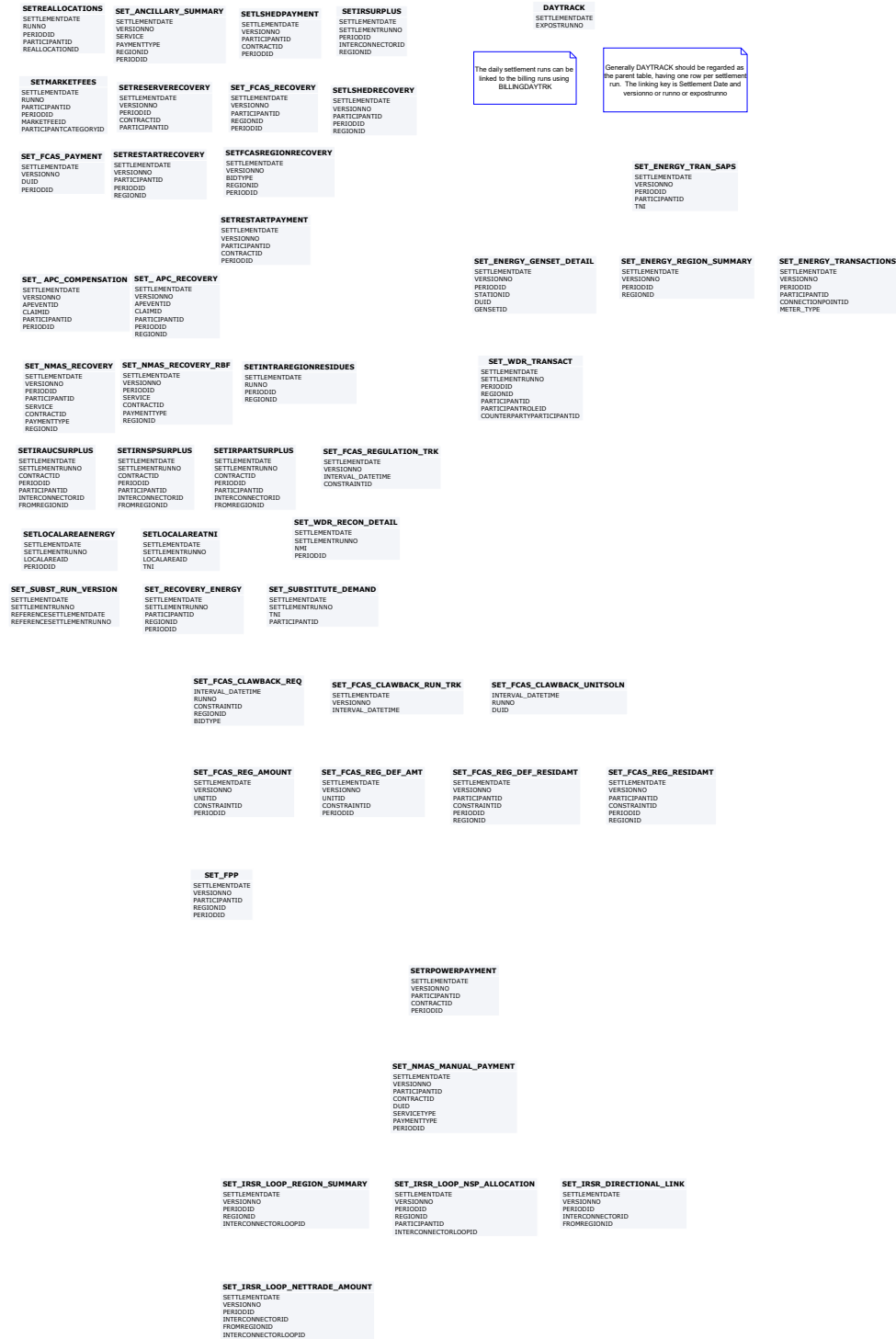
Name SETTLEMENT_DATA

Comment Results from a published Settlements Run. The settlement data and billing run data are updated daily between 6am and 8am 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.

5.1 List of tables

Name	Comment
SET_IRSR_DIRECTIONAL_LINK	This report contains the MW Flow and Inter-Regional Residue Amounts for all primary interconnectors.
SET_IRSR_LOOP_NETTRADE_AMOUNT	This report contains the final net trade amount for the two directional interconnectors to allocate.
SET_IRSR_LOOP_NSP_ALLOCATION	This report contains Inter-Regional Negative Residue Amounts to allocate to TNSPs.
SET_IRSR_LOOP_REGION_SUMMARY	This report contains Inter-Regional Net Loop Allocations and Net Regional Export Quantities.

5.2 Diagram: Entities: Settlement Data



5.3 Table: SET_IRSR_DIRECTIONAL_LINK

<i>Name</i>	SET_IRSR_DIRECTIONAL_LINK
<i>Comment</i>	This report contains the MW Flow and Inter-Regional Residue Amounts for all primary interconnectors.

5.3.1 Notes

Name	Comment	Value
Visibility		Public

5.3.2 Primary Key Columns

Name

FROMREGIONID

INTERCONNECTORID

PERIODID

SETTLEMENTDATE

VERSIONNO

5.3.3 Content

Name	Data Type	Mandatory	Comment
SETTLEMENTDATE	DATE	X	The Settlement Date of the Billing Week
VERSIONNO	NUMBER(3,0)	X	The Settlement Run No
PERIODID	NUMBER(3,0)	X	The Settlement Period Id(1-288)
INTERCONNECTORID	VARCHAR2(20)	X	The Interconnector Identifier
FROMREGIONID	VARCHAR2(20)	X	The Exporting Region Identifier
INTERCONNECTORLOOPID	VARCHAR2(20)		The Interconnector Loop Identifier, Blank if Interconnector not part of the loop
MWFLOW	NUMBER(18,8)		Consumed Energy in MWh

SURPLUSVALUE	NUMBER(18,8)		Updated Surplus Value for the primary interconnector
ORG_SURPLUSVALUE	NUMBER(18,8)		Original Surplus Value
LASTCHANGED	DATE		The last changed date time of the record

5.4 Table: SET_IRSR_LOOP_NETTRADE_AMOUNT

Name	SET_IRSR_LOOP_NETTRADE_AMOUNT
Comment	This report contains the final net trade amount for the two directional interconnectors to allocate.

5.4.1 Notes

Name	Comment	Value
Visibility		Public

5.4.2 Primary Key Columns

Name
FROMREGIONID
INTERCONNECTORID
INTERCONNECTORLOOPID
PERIODID
SETTLEMENTDATE
VERSIONNO

5.4.3 Content

Name	Data Type	Mandatory	Comment
SETTLEMENTDATE	DATE	X	The Settlement Date of the Billing Week
VERSIONNO	NUMBER(3,0)	X	The Settlement Run No
PERIODID	NUMBER(3,0)	X	The Settlement Period Id(1-288)
INTERCONNECTORID	VARCHAR2(20)	X	The Interconnector Identifier
FROMREGIONID	VARCHAR2(20)	X	The Exporting Region Identifier
INTERCONNECTORLOOPID	VARCHAR2(20)	X	The Interconnector Loop Identifier
NLA	NUMBER(18,8)		Net Loop Allocation(can be positive or

			negative)
NETREGIONAL_MWH	NUMBER(18,8)		Net Flow for the Region
REGIONRRP	NUMBER(18,8)		Exporting Region RRP
RRPDIFF	NUMBER(18,8)		Importing and Exporting Region RRP difference
NOTIONALAMOUNT	NUMBER(18,8)		Notional Amount for each direction interconnector
PROVNETTRADEAMOUNT	NUMBER(18,8)		Provisional Net Trade Amount based on the Positive Allocation
FINALNETTRADEAMOUNT	NUMBER(18,8)		Final Net Trade Amount
LASTCHANGED	DATE		The last changed date time of the record

5.5 Table: SET_IRSR_LOOP_NSP_ALLOCATION

Name	SET_IRSR_LOOP_NSP_ALLOCATION
Comment	This report contains Inter-Regional Negative Residue Amounts to allocate to TNSPs.

5.5.1 Notes

Name	Comment	Value
Visibility		Private

5.5.2 Primary Key Columns

Name
INTERCONNECTORLOOPID
PARTICIPANTID
PERIODID
REGIONID
SETTLEMENTDATE
VERSIONNO

5.5.3 Content

Name	Data Type	Mandatory	Comment
SETTLEMENTDATE	DATE	X	The Settlement Date of the Billing Week
VERSIONNO	NUMBER(3,0)	X	The Settlement Run No
PERIODID	NUMBER(3,0)	X	The Settlement Period Id(1-288)
REGIONID	VARCHAR2(20)	X	The Region Identifier
PARTICIPANTID	VARCHAR2(20)	X	The TNSP Participant Identifier
INTERCONNECTORLOOPID	VARCHAR2(20)	X	The Interconnector Loop Identifier
ALLOCATION	NUMBER(18,8)		Participant Portion %(e.g. 100)

NLA	NUMBER(18,8)		Net Loop Allocation(negative only)
AVGREGION_MWH	NUMBER(18,8)		Annual Regional Demand for the Region
TOTALREGION_MWH	NUMBER(18,8)		Total Annual Regional Demand for all Regions in the Loop
RESIDUE_AMOUNT	NUMBER(18,8)		Calculated Negative Residue Amount based on regional share
LASTCHANGED	DATE		The last changed date time of the record.

5.6 Table: SET_IRSR_LOOP_REGION_SUMMARY

<i>Name</i>	SET_IRSR_LOOP_REGION_SUMMARY
<i>Comment</i>	This report contains Inter-Regional Net Loop Allocations and Net Regional Export Quantities.

5.6.1 Notes

Name	Comment	Value
Visibility		Public

5.6.2 Primary Key Columns

Name
INTERCONNECTORLOOPID
PERIODID
REGIONID
SETTLEMENTDATE
VERSIONNO

5.6.3 Content

Name	Data Type	Mandatory	Comment
SETTLEMENTDATE	DATE	X	The Settlement Date of the Billing Week
VERSIONNO	NUMBER(3,0)	X	The Settlement Run No
PERIODID	NUMBER(3,0)	X	The Settlement Period Id(1-288)
REGIONID	VARCHAR2(20)	X	The Region Id
INTERCONNECTORLOOPID	VARCHAR2(20)	X	The Interconnector Loop Identifier
POSLOOPALLOCATION	NUMBER(18,8)		Total Positive Allocation across the Loop
NEGLOOPALLOCATION	NUMBER(18,8)		Total Negative Allocation across the Loop

NLA	NUMBER(18,8)		Net Loop Allocation(can be positive or negative)
EXPORT_MWH	NUMBER(18,8)		Total Export Flow in MWh for the Region
IMPORT_MWH	NUMBER(18,8)		Total Import Flow in MWh for the Region
NETREGIONAL_MWH	NUMBER(18,8)		Net Flow for the Region
LASTCHANGED	DATE		The last changed date time of the record.

6 Package: STPASA_SOLUTION

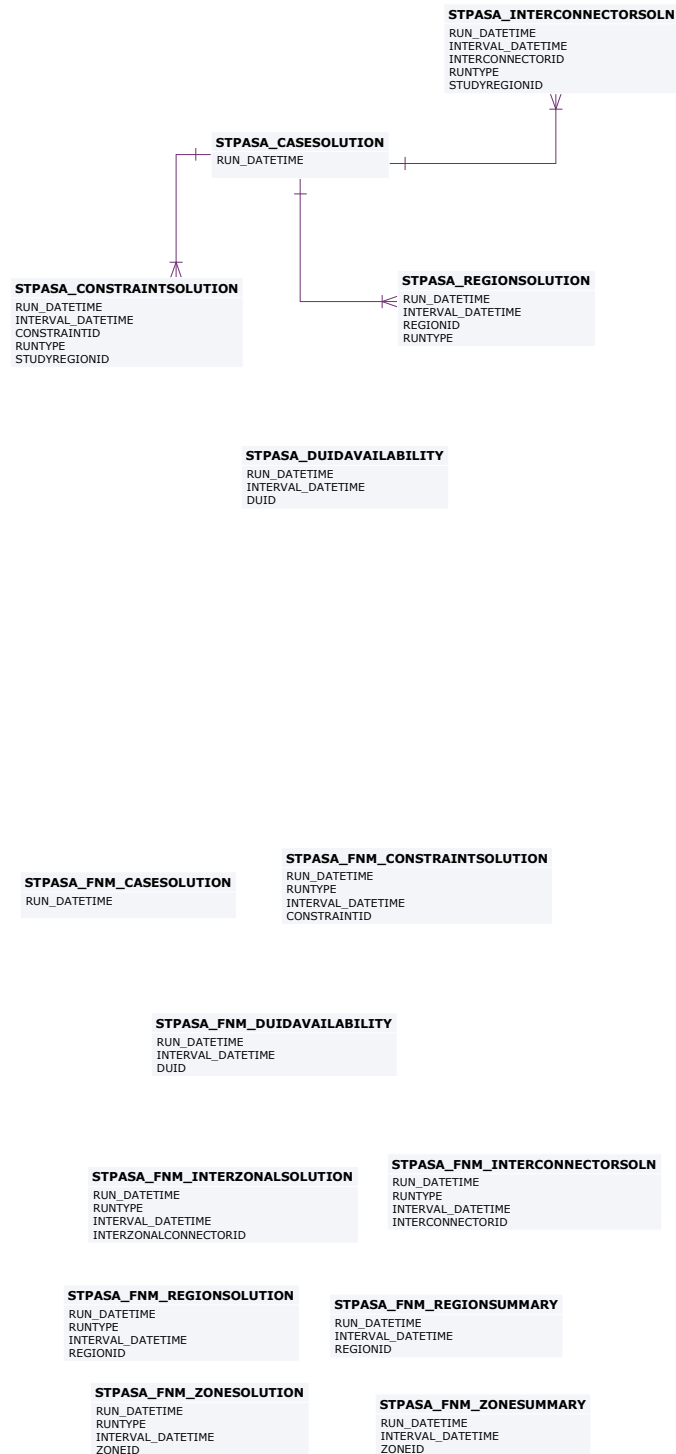
Name STPASA_SOLUTION

Comment Results from a published Short Term PASA Run

6.1 List of tables

Name	Comment
STPASA_FNM_INTERCONNECTORSOLN	STPASA_FNM_INTERCONNECTORSOLN shows cleared Interconnector flow for the interval.

6.2 Diagram: Entities: ST PASA Solution



6.3 Table: STPASA_FNM_INTERCONNECTORSOLN

Name STPASA_FNM_INTERCONNECTORSOLN

Comment STPASA_FNM_INTERCONNECTORSOLN shows cleared Interconnector flow for the interval.

6.3.1 Notes

Name	Comment	Value
Visibility		Public

6.3.2 Primary Key Columns

Name

INTERCONNECTORID

INTERVAL_DATETIME

RUN_DATETIME

RUNTYPE

6.3.3 Content

Name	Data Type	Mandatory	Comment
RUN_DATETIME	DATE	X	Unique Timestamp Identifier for this run, identified by the first half hour ended interval of the run
RUNTYPE	VARCHAR2(20)	X	Run Type (BASE, RELIABILITY, WARNING)
INTERVAL_DATETIME	DATE	X	End date time of the interval
INTERCONNECTORID	VARCHAR2(20)	X	Interconnector Identifier
CLEAREDFLOW	NUMBER(12,2)		Cleared Interconnector flow (MW)
LASTCHANGED	DATE		Date time this record was created

7 Package: PDPASA

Name PDPASA

Comment 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.

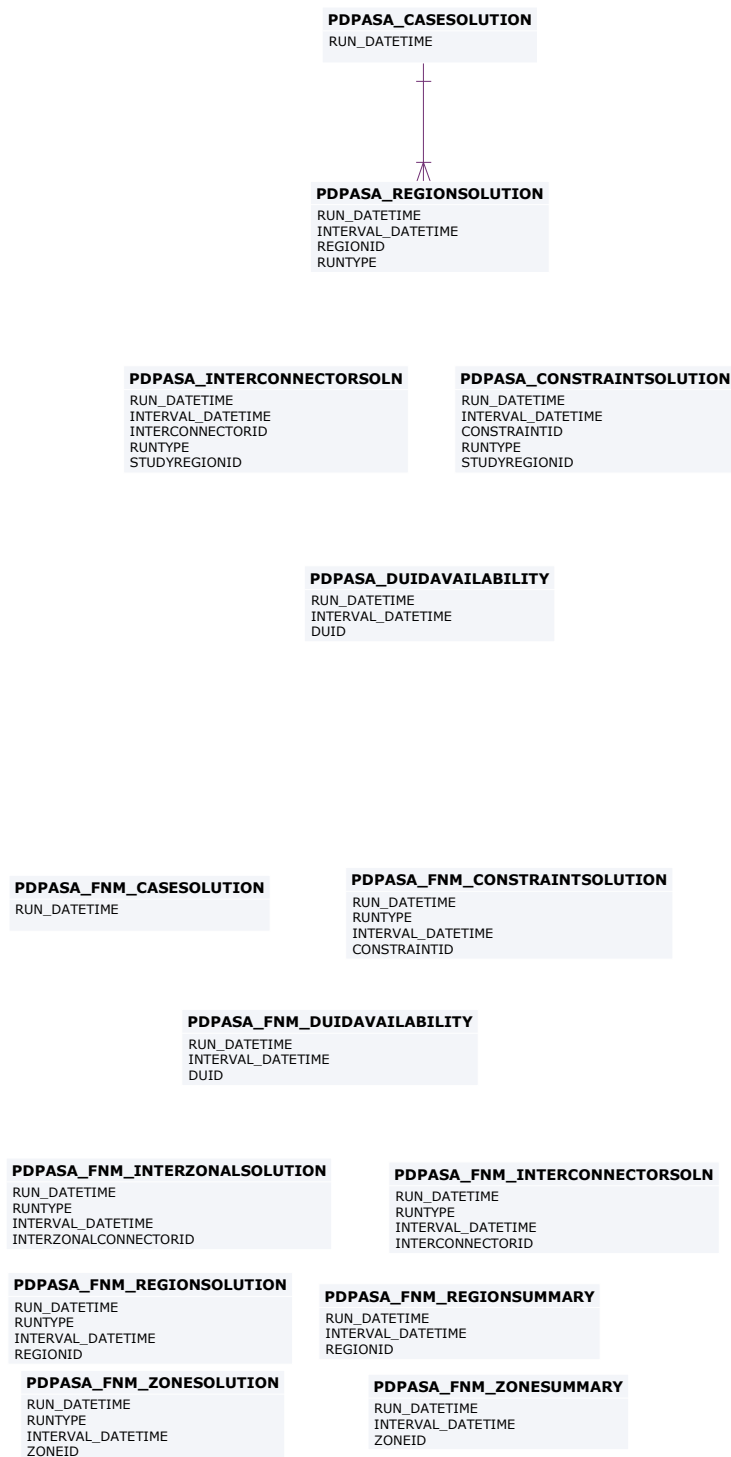
The calculation is a reserve assessment based on the PASA solver similar to existing ST and MT PASA business processes

The process reflects all intra-regional and inter-regional network constraints as an input to the process

7.1 List of tables

Name	Comment
PDPASA_FNM_INTERCONNECTORSOLN	PDPASA_FNM_INTERCONNECTORSOLN shows cleared Interconnector flow for the interval.

7.2 Diagram: Entities: PD PASA



7.3 Table: PDPASA_FNM_INTERCONNECTORSOLN

<i>Name</i>	PDPASA_FNM_INTERCONNECTORSOLN
<i>Comment</i>	PDPASA_FNM_INTERCONNECTORSOLN shows cleared Interconnector flow for the interval.

7.3.1 Notes

Name	Comment	Value
Visibility		Public

7.3.2 Primary Key Columns

Name

INTERCONNECTORID

INTERVAL_DATETIME

RUN_DATETIME

RUNTYPE

7.3.3 Content

Name	Data Type	Mandatory	Comment
RUN_DATETIME	DATE	X	Unique Timestamp Identifier for this run, identified by the first half hour ended interval of the run
RUNTYPE	VARCHAR2(20)	X	Run Type (BASE, RELIABILITY, WARNING)
INTERVAL_DATETIME	DATE	X	End date time of the interval
INTERCONNECTORID	VARCHAR2(20)	X	Interconnector Identifier
CLEAREDFLOW	NUMBER(12,2)		Cleared Interconnector flow (MW)
LASTCHANGED	DATE		Date time this record was created

8 Package: PRUDENTIALS

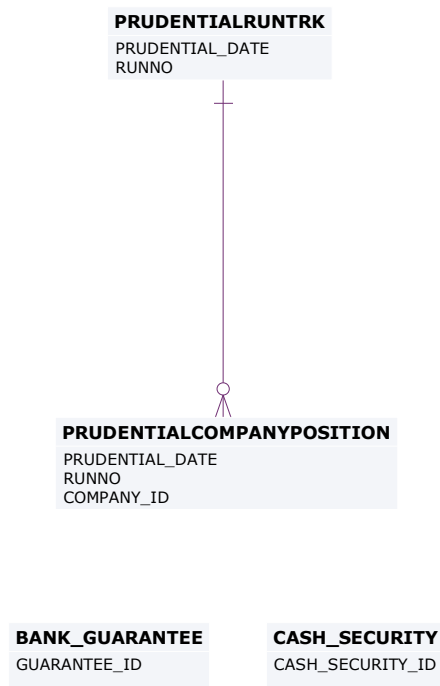
Name PRUDENTIALS

Comment Prudential Management

8.1 List of tables

Name	Comment
BANK_GUARANTEE	Indicates the amount of bank guarantee the Company has with AEMO
CASH_SECURITY	Indicates the amount of cash security the participant has with AEMO

8.2 Diagram: Entities:Prudentials



8.3 Table: BANK_GUARANTEE

Name BANK_GUARANTEE

Comment Indicates the amount of bank guarantee the Company has with AEMO

8.3.1 Notes

Name	Comment	Value
Visibility		Private

8.3.2 Primary Key Columns

Name

GUARANTEE_ID

8.3.3 Content

Name	Data Type	Mandatory	Comment
GUARANTEE_ID	VARCHAR2(30)	X	The Bank Guarantee ID
COMPANY_ID	VARCHAR2(20)		Company ID owning the Bank Guarantee
PARTICIPANTID	VARCHAR2(20)		Participant Id belonging to the company (Even though BG belongs to a Company, Participant Id is also added as all reports are published to the Participants)
CREDIT_PROVIDER	VARCHAR2(20)		Bank Guarantee Provider Id
COMMENCEMENT_DATE	DATE		Date AEMO received the bank guarantee details
TERMINATION_DATE	DATE		Date of Termination
RETURN_DATE	DATE		Date of Return
GUARANTEE_AMOUNT	NUMBER(18,8)		Dollar Amount of the bank guarantee
LASTCHANGED	DATE		The last changed date time of the record

8.4 Table: CASH_SECURITY

Name	CASH_SECURITY
Comment	Indicates the amount of cash security the participant has with AEMO

8.4.1 Notes

Name	Comment	Value
Visibility		Private

8.4.2 Primary Key Columns

Name
CASH_SECURITY_ID

8.4.3 Content

Name	Data Type	Mandatory	Comment
CASH_SECURITY_ID	VARCHAR2(20)	X	Unique ID for each cash security record
PARTICIPANTID	VARCHAR2(20)		Participant ID(Provider of the Cash Security)
TRANSACTION_DATE	DATE		Date when the CS was received by AEMO
CASH_AMOUNT	NUMBER(18,8)		Cash security amount(in dollars)
RETURNED_AMOUNT	NUMBER(18,8)		Cash amount returned(In dollars)
INTEREST_ACCT_ID	VARCHAR2(20)		Interest Account id used for daily interest calculation
STATUS	VARCHAR2(10)		Active/Closed
LASTCHANGED	DATE		The last changed date time of the record