26.9 Table: PREDISPATCHINTERCONNECTORRES

26.9.1 PREDISPATCHINTERCONNECTORRES

Name	PREDISPATCHINTERCONNECTORRES
Comment	PREDISPATCHINTERCONNECTORRES records Interconnector flows and losses for the periods calculated in each predispatch run. Only binding and interconnector constraints are reported. Some fields are for the Frequency Controlled Ancillary Services export and import limits and extra reporting of the generic constraint setting the energy import and export limits.

26.9.2 Description

Source

PREDISPATCHINTERCONNECTORRES updates with every thirty-minute predispatch run.

Note

MW losses can be negative depending on the flow.

The definition of direction of flow for an interconnector is that positive flow starts from the FROMREGION in INTERCONNECTOR.

26.9.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

26.9.4 Primary Key Columns

Name
DATETIME
INTERCONNECTORID

26.9.5 Index Columns

Name
PREDISPATCHSEQNO

26.9.6 Index Columns

Name
LASTCHANGED

26.9.7 Content

Name	Data Type	Mandatory	Comment
PREDISPATCHSEQNO	varchar(20)		Unique identifier of predispatch run in the form YYYYMMDDPP with 01 at 04:30

RUNNO	numeric(3,0)		SPD Predispatch run no, typically 1. It increments if the case is re-run.
INTERCONNECTORID	varchar(10)	X	Interconnector identifier
PERIODID	varchar(20)		PERIODID is just a period count, starting from 1 for each predispatch run. Use DATETIME to determine half hour period.
INTERVENTION	numeric(2,0)		Flag to indicate if this result set was sourced from the pricing run (INTERVENTION=0) or the physical run (INTERVENTION=1). In the event that there is not intervention in the market, both pricing and physical runs correspond to INTERVENTION=0
METEREDMWFLOW	numeric(15,5)		Metered MW Flow from EMS. For periods subsequent to the first period of a Pre-Dispatch run, this value represents the cleared target for the previous period of that Pre-Dispatch run.
MWFLOW	numeric(15,5)		Calculated MW Flow
MWLOSSES	numeric(15,5)		Calculated MW Losses
MARGINALVALUE	numeric(15,5)		$ Marginal value of interconnector constraint from SPD
VIOLATIONDEGREE	numeric(15,5)		Degree of violation of interconnector constraint in MW
LASTCHANGED	datetime		Last changed.
DATETIME	datetime	X	Period date and time
EXPORTLIMIT	numeric(15,5)		Calculated export limit.
IMPORTLIMIT	numeric(15,5)		Calculated import limit.
MARGINALLOSS	numeric(15,5)		Marginal loss factor. Use this to adjust bids between reports.
EXPORTGENCONID	varchar(20)		Generic Constraint setting the export limit
IMPORTGENCONID	varchar(20)		Generic Constraint setting the import limit
FCASEXPORTLIMIT	numeric(15,5)		Calculated export limit applying to energy + FCAS.
FCASIMPORTLIMIT	numeric(15,5)		Calculated import limit applying to energy + FCAS.
LOCAL_PRICE_ADJUSTMENT_EXPORT	numeric(10,2)		Aggregate Constraint contribution cost of this Interconnector: Sum(MarginalValue x Factor) for all relevant Constraints, for Export (Factor >= 0)
LOCALLY_CONSTRAINED_EXPORT	numeric(1,0)		Key for Local_Price_Adjustment_Export: 2 = at least one Outage Constraint; 1 = at least 1 System Normal Constraint (and no Outage Constraint); 0 = No System Normal or Outage Constraints
LOCAL_PRICE_ADJUSTMENT_IMPORT	numeric(10,2)		Aggregate Constraint contribution cost of this Interconnector: Sum(MarginalValue x Factor) for all relevant Constraints, for Import (Factor >= 0)
LOCALLY_CONSTRAINED_IMPORT	numeric(1,0)		Key for Local_Price_Adjustment_Import: 2 = at least one Outage Constraint; 1 = at least 1 System Normal Constraint (and no Outage Constraint); 0 = No System Normal or Outage Constraints