12.16 Table: DISPATCHINTERCONNECTORRES

12.16.1 DISPATCHINTERCONNECTORRES

Name	DISPATCHINTERCONNECTORRES
Comment	DISPATCHINTERCONNECTORRES sets out MW flow and losses on each interconnector for each dispatch period, including fields for the Frequency Controlled Ancillary Services export and import limits and extra reporting of the generic constraints set the energy import and export limits.

12.16.2 Description

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

Source

DISPATCHINTERCONNECTORRES updates every 5 minutes.

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 the INTERCONNECTOR table.

12.16.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

12.16.4 Primary Key Columns

Name
DISPATCHINTERVAL
INTERCONNECTORID
INTERVENTION
RUNNO
SETTLEMENTDATE

12.16.5 Index Columns

Name
LASTCHANGED

12.16.6 Content

Name	Data Type	Mandatory	Comment
SETTLEMENTDATE	datetime	X	Market date starting at 04:05
RUNNO	numeric(3,0)	X	Dispatch run no; always 1
INTERCONNECTORID	varchar(10)	X	Interconnector identifier
DISPATCHINTERVAL	numeric(22,0)	X	Dispatch period identifier, from 001 to 288 in format YYYYMMDDPPP.
INTERVENTION	numeric(2,0)	X	Intervention case or not
METEREDMWFLOW	numeric(15,5)		Metered MW Flow from SCADA.

MWFLOW	numeric(15,5)		Target MW Flow for next 5 mins.
MWLOSSES	numeric(15,5)		Calculated MW Losses
MARGINALVALUE	numeric(15,5)		Shadow price resulting from thermal or reserve sharing constraints on Interconnector import/export (0 unless binding) - NEMDE Solution InterconnectorSolution element "Price" attribute
VIOLATIONDEGREE	numeric(15,5)		Degree of violation on interconnector constraints
LASTCHANGED	datetime		Last changed.
EXPORTLIMIT	numeric(15,5)		Calculated export limit applying to energy only.
IMPORTLIMIT	numeric(15,5)		Calculated import limit applying to energy only.
MARGINALLOSS	numeric(15,5)		Marginal loss factor. Use this to adjust prices between regions.
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