23.6 Table: P5MIN_INTERCONNECTORSOLN

23.6.1 P5MIN_INTERCONNECTORSOLN

Name	P5MIN_INTERCONNECTORSOLN
Comment	The five-minute predispatch (P5Min) is a MMS system providing projected dispatch for 12 Dispatch cycles (one hour). The 5-minute Predispatch 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_INTERCONNECTORSOLN sets out the results of the capacity evaluation for Interconnectors, including the calculated limits for the interval.

23.6.2 Description

P5MIN_INTERCONNECTORSOLN is public data, so is available to all participants.

Source

P5MIN_INTERCONNECTORSOLN updates every 5 minutes.

Volume

Rows per day: 1440

Based on 200 interconnector/binding constraints per interval

23.6.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

23.6.4 Primary Key Columns

Name
INTERCONNECTORID
INTERVAL_DATETIME
RUN_DATETIME

23.6.5 Index Columns

Name
LASTCHANGED

23.6.6 Content

Name	Data Type	Mandatory	Comment
RUN_DATETIME	datetime	X	Unique Timestamp Identifier for this study
INTERCONNECTORID	varchar(10)	X	Interconnector identifier
INTERVAL_DATETIME	datetime	X	The unique identifier for the interval within this study
METEREDMWFLOW	numeric(15,5)		SCADA MW Flow measured at Run start. For periods subsequent to the first period of a P5MIN run, this value represents the

			cleared target for the previous period of that P5MIN run.
MWFLOW	numeric(15,5)		Cleared Interconnector loading level (MW)
MWLOSSES	numeric(15,5)		Interconnector Losses at cleared flow
MARGINALVALUE	numeric(15,5)		Marginal cost of Interconnector standing data limits (if binding)
VIOLATIONDEGREE	numeric(15,5)		Violation of Interconnector standing data limits
MNSP	numeric(1,0)		Flag indicating MNSP registration
EXPORTLIMIT	numeric(15,5)		Calculated Interconnector limit of exporting energy on the basis of invoked constraints and static interconnector export limit
IMPORTLIMIT	numeric(15,5)		Calculated Interconnector limit of importing energy on the basis of invoked constraints and static interconnector import limit. Note unlike the input interconnector import limit this is a directional quantity and should be defined with respect to the interconnector flow.
MARGINALLOSS	numeric(15,5)		Marginal loss factor at the cleared flow
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 + Frequency Controlled Ancillary Services.
FCASIMPORTLIMIT	numeric(15,5)		Calculated import limit applying to energy + Frequency Controlled Ancillary Services.
LASTCHANGED	datetime		Last changed date of this record
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
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 there is not intervention in the market, both pricing and physical runs correspond to INTERVENTION=0)