12.15 Table: DISPATCHCONSTRAINT

12.15.1 DISPATCHCONSTRAINT

Name   DISPATCHCONSTRAINT

Comment   DISPATCHCONSTRAINT sets out details of all binding and interregion constraints in each dispatch run. Note: invoked constraints can be established from GENCONSETINVOKE. Binding constraints show as marginal value >$0. Interconnector constraints are listed so RHS (SCADA calculated limits) can be reported.

12.15.2 Description

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

Source

DISPATCHCONSTRAINT updates every five minutes.

12.15.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Private; Public Next-Day

12.15.4 Primary Key Columns

Name
CONSTRAINTID
DISPATCHINTERVAL
INTERVENTION
RUNNO
SETTLEMENTDATE

12.15.5 Index Columns

Name
LASTCHANGED

12.15.6 Index Columns

Name
SETTLEMENTDATE

12.15.7 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
CONSTRAINTID	varchar(20)	X	Generic Constraint identifier (synonymous with GenConID)
DISPATCHINTERVAL	numeric(22,0)	X	Dispatch period identifier, from 001 to 288 in format YYYYMMDDPPP.
INTERVENTION	numeric(2,0)	X	Manual Intervention flag, which, if set (1), causes predispatch to solve twice.

RHS	numeric(15,5)		Right hand Side value as used in dispatch.
MARGINALVALUE	numeric(15,5)		$ Value of binding constraint
VIOLATIONDEGREE	numeric(15,5)		Degree of violation in MW
LASTCHANGED	datetime		Last date and time record changed
DUID	varchar(20)		DUID to which the Constraint is confidential. Null denotes non-confidential
GENCONID_EFFECTIVEDATE	datetime		Effective date of the Generic Constraint (ConstraintID). This field is used to track the version of this generic constraint applied in this dispatch interval
GENCONID_VERSIONNO	numeric(22,0)		Version number of the Generic Constraint (ConstraintID). This field is used to track the version of this generic constraint applied in this dispatch interval
LHS	numeric(15,5)		Aggregation of the constraints LHS term solution values