12.14 Table: DISPATCHCASESOLUTION

12.14.1 DISPATCHCASESOLUTION

Name	DISPATCHCASESOLUTION
Comment	DISPATCHCASESOLUTION shows information relating to the complete dispatch run. The fields in DISPATCHCASESOLUTION provide an overview of the dispatch run results allowing immediate identification of conditions such as energy or FCAS deficiencies.

12.14.2 Description

The DISPATCHCASESOLUTION data is public.

Source

DISPATCHCASESOLUTION updates every 5 minutes.

Volume

Approximately 288 records per day.

12.14.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

12.14.4 Primary Key Columns

Name
RUNNO
SETTLEMENTDATE

12.14.5 Index Columns

Name
LASTCHANGED

12.14.6 Content

Name	Data Type	Mandatory	Comment
SETTLEMENTDATE	datetime	X	Date and time of the dispatch interval (e.g. five minute dispatch interval ending 28/09/2000 16:35)
RUNNO	numeric(3,0)	X	Dispatch run no; always 1
INTERVENTION	numeric(2,0)	X	Intervention flag - refer to package documentation for definition and practical query examples
CASESUBTYPE	varchar(3)		Overconstrained dispatch indicator: * OCD = detecting over-constrained dispatch * null = no special condition
SOLUTIONSTATUS	numeric(2,0)		If non-zero indicated one of the following conditions:

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			* 1 = Supply Scarcity, Excess generation or constraint violations * X = Model failure
SPDVERSION	varchar(20)		Current version of SPD
NONPHYSICALLOSSES	numeric(1,0)		Non-Physical Losses algorithm invoked occurred during this run
TOTALOBJECTIVE	numeric(27,10)		The Objective function from the LP
TOTALAREAGENVIOLATION	numeric(15,5)		Total Region Demand violations
TOTALINTERCONNECTORVIOLATION	numeric(15,5)		Total interconnector violations
TOTALGENERICVIOLATION	numeric(15,5)		Total generic constraint violations
TOTALRAMPRATEVIOLATION	numeric(15,5)		Total ramp rate violations
TOTALUNITMWCAPACITYVIOLATION	numeric(15,5)		Total unit capacity violations
TOTAL5MINVIOLATION	numeric(15,5)		Total of 5 minute ancillary service region violations
TOTALREGVIOLATION	numeric(15,5)		Total of Regulation ancillary service region violations
TOTAL6SECVIOLATION	numeric(15,5)		Total of 6 second ancillary service region violations
TOTAL60SECVIOLATION	numeric(15,5)		Total of 60 second ancillary service region violations
TOTALASPROFILEVIOLATION	numeric(15,5)		Total of ancillary service trader profile violations
TOTALFASTSTARTVIOLATION	numeric(15,5)		Total of fast start trader profile violations
TOTALENERGYOFFERVIOLATION	numeric(15,5)		Total of unit summated offer band violations
LASTCHANGED	datetime		Last date and time record changed
SWITCHRUNINITIALSTATUS	numeric(1,0)		Flag indicating the SCADA status for FCAS Interconnector dead-band. "0" if SCADA Status or requesting Constraint not invoked. "1" if SCADA Status AND requesting Constraint is invoked
SWITCHRUNBESTSTATUS	numeric(1,0)		Flag indicating which Switch run was used for the Solution – from PeriodSolution
SWITCHRUNBESTSTATUS_INT	numeric(1,0)		Flag indicating which Switch run was used for the Intervention Physical Solution - from PeriodSolution