

23.4 Table: P5MIN_CASESOLUTION

23.4.1 P5MIN_CASESOLUTION

Name	P5MIN_CASESOLUTION
Comment	<p>The five-minute predispach (P5Min) is a MMS system providing projected dispatch for 12 Dispatch cycles (one hour). The 5-minute Predispach 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.</p> <p>P5MIN_CASESOLUTION shows one record containing results pertaining to the entire solution.</p>

23.4.2 Description

P5MIN_CASESOLUTION data is public, so is available to all participants.

Source

P5MIN_CASESOLUTION updates every 5 minutes.

Volume

Rows per day: 288

23.4.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

23.4.4 Primary Key Columns

Name
RUN_DATETIME

23.4.5 Index Columns

Name
LASTCHANGED

23.4.6 Content

Name	Data Type	Mandatory	Comment
RUN_DATETIME	datetime	X	Unique Timestamp Identifier for this study
STARTINTERVAL_DATETIME	varchar(20)		Date and Time of first interval in study
TOTALOBJECTIVE	numeric(27,10)		The Objective function from the LP
NONPHYSICALLOSSES	numeric(1,0)		Flag to indicate non-physical losses occurred in this study
TOTALAREAGENVIOALTION	numeric(15,5)		Sum of Regional Energy balance violations
TOTALINTERCONNECTORVIOLATION	numeric(15,5)		Sum of Interconnector violations of standing data limits
TOTALGENERICVIOLATION	numeric(15,5)		Sum of Generic Constraint violations

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TOTALRAMPRATEVIOLATION	numeric(15,5)		Sum of Unit Ramp Rate violations
TOTALUNITMWCAPACITYVIOLATION	numeric(15,5)		Sum of unit capacity violations
TOTAL5MINVIOLATION	numeric(15,5)		Sum of regional 5 min FCAS violations
TOTALREGVIOLATION	numeric(15,5)		Sum of regional regulation FCAS violations
TOTAL6SECVIOLATION	numeric(15,5)		Sum of regional 6 sec FCAS violations
TOTAL60SECVIOLATION	numeric(15,5)		Sum of regional 60 sec FCAS violations
TOTALENERGYCONSTRAINTVIOLATION	numeric(15,5)		Sum of unit energy constrained violations
TOTALENERGYOFFERVIOLATION	numeric(15,5)		Sum of unit offer violations
TOTALASPROFILEVIOLATION	numeric(15,5)		Sum of unit FCAS profile offer violations
TOTALFASTSTARTVIOLATION	numeric(15,5)		Sum of unit Fast start profile violations
LASTCHANGED	datetime		Last changed date and time of this record
INTERVENTION	numeric(2,0)		Flag to indicate if this Predispatch case includes an intervention pricing run: 0 = case does not include an intervention pricing run, 1 = case does include an intervention pricing run. This field has a default value of 0 and is not nullable