

23.5 **Table: P5MIN_CONSTRAINTSOLUTION**

23.5.1 P5MIN_CONSTRAINTSOLUTION

Name	P5MIN_CONSTRAINTSOLUTION
Comment	<p>The Five-Minute Pre-Dispatch (P5Min) is a MMS system providing projected dispatch for 12 Dispatch cycles (one hour). The Five-Minute Pre-dispatch 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_CONSTRAINTSOLUTION shows binding and violated constraint results from the capacity evaluation, including the RHS value.</p>

23.5.2 Description

P5MIN_CONSTRAINTSOLUTION is public data, so is available to all participants.

Source

P5MIN_CONSTRAINTSOLUTION updates every five minutes.

Volume

Rows per day: 57600

23.5.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Private & Public

23.5.4 Primary Key Columns

Name
 CONSTRAINTID
 INTERVAL_DATETIME
 RUN_DATETIME

23.5.5 Index Columns

Name
 LASTCHANGED

23.5.6 Content

Name	Data Type	Mandatory	Comment
RUN_DATETIME	datetime	X	Unique Timestamp Identifier for this study
INTERVAL_DATETIME	datetime	X	The unique identifier for the interval within this study
CONSTRAINTID	varchar(20)	X	Constraint identifier (synonymous with GenConID)
RHS	numeric(15,5)		Right Hand Side value in the capacity evaluation
MARGINALVALUE	numeric(15,5)		Marginal cost of constraint (>0 if binding)
VIOLATIONDEGREE	numeric(15,5)		Amount of Violation (>0 if violating)

LASTCHANGED	datetime		Last date and time record changed
DUID	varchar(20)		DUID to which the Constraint is confidential. Null denotes non-confidential
GENCONID_EFFECTIVE DATE	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
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)