

23.8 **Table: P5MIN_REGIONSOLUTION**

23.8.1 P5MIN_REGIONSOLUTION

Name	P5MIN_REGIONSOLUTION
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_REGIONSOLUTION shows the results of the regional capacity, maximum surplus reserve and maximum spare capacity evaluations for each period of the study.</p>

23.8.2 Description

P5MIN_REGIONSOLUTION is public data, so is available to all participants.

Source

P5MIN_REGIONSOLUTION updates every 5 minutes.

Volume

Rows per day: 1440

23.8.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

23.8.4 Primary Key Columns

Name
 INTERVAL_DATETIME
 REGIONID
 RUN_DATETIME

23.8.5 Index Columns

Name
 LASTCHANGED

23.8.6 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
REGIONID	varchar(10)	X	Region Identifier
RRP	numeric(15,5)		Region Reference Price (Energy)
ROP	numeric(15,5)		Region Override Price (Energy)
EXCESSGENERATION	numeric(15,5)		Total Energy Imbalance (MW)
RAISE6SECRRP	numeric(15,5)		Region Reference Price (Raise6Sec)
RAISE6SECROP	numeric(15,5)		Original regional price (Raise6Sec)
RAISE60SECRRP	numeric(15,5)		Region Reference Price (Raise60Sec)
RAISE60SECROP	numeric(15,5)		Original regional price (Raise60Sec)
RAISE5MINRRP	numeric(15,5)		Region Reference Price (Raise5Min)
RAISE5MINROP	numeric(15,5)		Original regional price (Raise5Min)
RAISEREGRRP	numeric(15,5)		Region Reference Price (RaiseReg)
RAISEREGROP	numeric(15,5)		Original regional price (RaiseReg)
LOWER6SECRRP	numeric(15,5)		Region Reference Price (Lower6Sec)
LOWER6SECROP	numeric(15,5)		Original regional price (Lower6Sec)
LOWER60SECRRP	numeric(15,5)		Region Reference Price (Lower60Sec)
LOWER60SECROP	numeric(15,5)		Original regional price (Lower60Sec)
LOWER5MINRRP	numeric(15,5)		Region Reference Price (Lower5Min)
LOWER5MINROP	numeric(15,5)		Original regional price (Lower5Min)
LOWERREGRRP	numeric(15,5)		Region Reference Price (LowerReg)
LOWERREGROP	numeric(15,5)		Original regional price (LowerReg)
TOTALDEMAND	numeric(15,5)		Regional Demand - NB NOT net of Interconnector flows or Loads
AVAILABLEGENERATION	numeric(15,5)		Regional Available generation
AVAILABLELOAD	numeric(15,5)		Regional Available Load
DEMANDFORECAST	numeric(15,5)		Predicted change in regional demand for this interval
DISPATCHABLEGENERATION	numeric(15,5)		Regional Generation Dispatched
DISPATCHABLELOAD	numeric(15,5)		Regional Load Dispatched
NETINTERCHANGE	numeric(15,5)		Net interconnector Flows
LOWER5MINDISPATCH	numeric(15,5)		Not used since Dec 2003. Lower 5 min MW dispatch
LOWER5MINIMPORT	numeric(15,5)		Not used since Dec 2003. Lower 5 min MW imported
LOWER5MINLOCALDISPATCH	numeric(15,5)		Lower 5 min local dispatch
LOWER5MINLOCALREQ	numeric(15,5)		Not used since Dec 2003. Lower 5 min local requirement
LOWER5MINREQ	numeric(15,5)		Not used since Dec 2003. Lower 5 min total requirement
LOWER60SECDISPATCH	numeric(15,5)		Not used since Dec 2003. Lower 60 sec MW dispatch
LOWER60SECIMPORT	numeric(15,5)		Not used since Dec 2003. Lower 60 sec MW imported
LOWER60SECLOCALDISPATCH	numeric(15,5)		Lower 60 sec local dispatch
LOWER60SECLOCALREQ	numeric(15,5)		Not used since Dec 2003. Lower 60 sec local requirement
LOWER60SECREQ	numeric(15,5)		Not used since Dec 2003. Lower 60 sec total requirement
LOWER6SECDISPATCH	numeric(15,5)		Not used since Dec 2003. Lower 6 sec MW dispatch
LOWER6SECIMPORT	numeric(15,5)		Not used since Dec 2003. Lower 6 sec MW imported
LOWER6SECLOCALDISPATCH	numeric(15,5)		Lower 6 sec local dispatch

LOWER6SECLOCALREQ	numeric(15,5)		Not used since Dec 2003. Lower 6 sec local requirement
LOWER6SECREQ	numeric(15,5)		Not used since Dec 2003. Lower 6 sec total requirement
RAISE5MINDISPATCH	numeric(15,5)		Not used since Dec 2003. Total Raise 5 min MW dispatch
RAISE5MINIMPORT	numeric(15,5)		Not used since Dec 2003. Raise 5 min MW imported
RAISE5MINLOCALDISPATCH	numeric(15,5)		Raise 5 min local dispatch
RAISE5MINLOCALREQ	numeric(15,5)		Not used since Dec 2003. Raise 5 min local requirement
RAISE5MINREQ	numeric(15,5)		Not used since Dec 2003. Raise 5 min total requirement
RAISE60SECDISPATCH	numeric(15,5)		Not used since Dec 2003. Raise 60 sec MW dispatch
RAISE60SECIMPORT	numeric(15,5)		Not used since Dec 2003. Raise 60 sec MW imported
RAISE60SECLOCALDISPATCH	numeric(15,5)		Raise 50 sec local dispatch
RAISE60SECLOCALREQ	numeric(15,5)		Not used since Dec 2003. Raise 60 sec local requirement
RAISE60SECREQ	numeric(15,5)		Not used since Dec 2003. Raise 60 sec total requirement
RAISE6SECDISPATCH	numeric(15,5)		Not used since Dec 2003. Raise 6 sec MW dispatch
RAISE6SECIMPORT	numeric(15,5)		Not used since Dec 2003. Raise 6 sec MW imported
RAISE6SECLOCALDISPATCH	numeric(15,5)		Raise 6 sec local dispatch
RAISE6SECLOCALREQ	numeric(15,5)		Not used since Dec 2003. Raise 6 sec local requirement
RAISE6SECREQ	numeric(15,5)		Not used since Dec 2003. Raise 6 sec total requirement
AGGREGATEDISPATCHERROR	numeric(15,5)		Aggregate dispatch error applied
INITIALSUPPLY	numeric(15,5)		Sum of initial generation and import for region
CLEAREDSUPPLY	numeric(15,5)		Sum of cleared generation and import for region
LOWERREGIMPORT	numeric(15,5)		Not used since Dec 2003. Lower Regulation MW imported
LOWERREGDISPATCH	numeric(15,5)		Not used since Dec 2003. Total Lower Regulation dispatch
LOWERREGLOCALDISPATCH	numeric(15,5)		Lower Regulation local dispatch
LOWERREGLOCALREQ	numeric(15,5)		Not used since Dec 2003. Lower Regulation local requirement
LOWERREGREQ	numeric(15,5)		Not used since Dec 2003. Lower Regulation total requirement
RAISEREGIMPORT	numeric(15,5)		Not used since Dec 2003. Raise Regulation MW imported
RAISEREGDISPATCH	numeric(15,5)		Not used since Dec 2003. Total Raise Regulation dispatch
RAISEREGLOCALDISPATCH	numeric(15,5)		Raise Regulation local dispatch
RAISEREGLOCALREQ	numeric(15,5)		Not used since Dec 2003. Raise Regulation local requirement
RAISEREGREQ	numeric(15,5)		Not used since Dec 2003. Raise Regulation total requirement

RAISE5MINLOCALVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 5 min local requirement
RAISEREGLOCALVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise Reg local requirement
RAISE60SECLOCALVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 60 sec local requirement
RAISE6SECLOCALVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 6 sec local requirement
LOWER5MINLOCALVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 5 min local requirement
LOWERREGLOCALVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower Reg local requirement
LOWER60SECLOCALVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 60 sec local requirement
LOWER6SECLOCALVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 6 sec local requirement
RAISE5MINVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 5 min requirement
RAISEREGVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise Reg requirement
RAISE60SECVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 60 seconds requirement
RAISE6SECVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 6 seconds requirement
LOWER5MINVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 5 min requirement
LOWERREGVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower Reg requirement
LOWER60SECVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 60 seconds requirement
LOWER6SECVIOLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 6 seconds requirement
LASTCHANGED	datetime		Last date and time record changed
TOTALINTERMITTENTGENERATION	numeric(15,5)		Allowance made for non-scheduled generation in the demand forecast (MW).
DEMAND_AND_NONSCHEGEN	numeric(15,5)		Sum of Cleared Scheduled generation, imported generation (at the region boundary) and allowances made for non-scheduled generation (MW).
UIGF	numeric(15,5)		Regional aggregated Unconstrained Intermittent Generation Forecast of Semi-scheduled generation (MW).
SEMISCHEDULE_CLEARED MW	numeric(15,5)		Regional aggregated Semi-Schedule generator Cleared MW
SEMISCHEDULE_COMPLIANCE MW	numeric(15,5)		Regional aggregated Semi-Schedule generator Cleared MW where Semi-Dispatch cap is enforced
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