

23.8 Table: P5MIN_REGIONSOLUTION

23.8.1 P5MIN_REGIONSOLUTION

Name P5MIN REGIONSOLUTION

Comment The five-minute predispatch (P5Min) is a MMS system providing projected

dispatch for 12 Dispatch cycles (one hour). The 5-minute Predispatch 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.

P5MIN_REGIONSOLUTION shows the results of the regional capacity, maximum surplus reserve and maximum spare capacity evaluations for

each period of the study.

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	Mandat	Comment
		ory	
RUN_DATETIME	datetime	Χ	Unique Timestamp Identifier for this study



	T	1 37	
INTERVAL_DATETIME	datetime	X	The unique identifier for the interval within this study
REGIONID	varchar(10)	Х	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
1017(25217) (175	110110(10,0)		Interconnector flows or Loads
AVAILABLEGENERATIO	numeric(15,5)		Regional Available generation
N	1101110(10,0)		Regional Available generation
AVAILABLELOAD	numeric(15,5)		Regional Available Load
DEMANDFORECAST	numeric(15,5)		Predicted change in regional demand for
DEMIANDI OREGASI	1101116110(13,3)		this interval
DISPATCHABLEGENER	numeric(15,5)		Regional Generation Dispatched
ATION	Trameno(10,0)		Regional Concration Dispatence
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
LOWERSIMINDISH ATOM	1101116110(13,3)		MW dispatch
LOWER5MINIMPORT	numeric(15,5)		Not used since Dec 2003. Lower 5 min
LOVERONII VIIVII OTT	Trameno(10,0)		MW imported
LOWER5MINLOCALDIS	numeric(15,5)		Lower 5 min local dispatch
PATCH	1101110(10,0)		Lower 5 min local dispatch
LOWER5MINLOCALRE	numeric(15,5)		Not used since Dec 2003. Lower 5 min
Q	Tidinenc(13,3)		local requirement
LOWER5MINREQ	numeric(15,5)		Not used since Dec 2003. Lower 5 min
LOWERSWINKLE	1101110110(10,0)		total requirement
LOWER60SECDISPATC	numeric(15,5)		Not used since Dec 2003. Lower 60 sec
H	1101116110(13,3)		MW dispatch
LOWER60SECIMPORT	numeric(15,5)		Not used since Dec 2003. Lower 60 sec
LOWLINGGEONIFORT	1101116110(13,3)		MW imported
LOWER60SECLOCALDI	numeric(15,5)		Lower 60 sec local dispatch
SPATCH	1101116110(13,3)		Lower oo see looai dispatori
LOWER60SECLOCALR	numeric(15,5)		Not used since Dec 2003. Lower 60 sec
EQ	1101116110(13,3)		local requirement
LOWER60SECREQ	numeric(15,5)		Not used since Dec 2003. Lower 60 sec
LOWEROUSECKEU	1101116110(15,5)		total requirement
LOWER6SECDISPATCH	numeric(15,5)		Not used since Dec 2003. Lower 6 sec
LOWEROSECDISPATCH	numenc(15,5)		
LOWERSSECIMENT	numorio(4E E)		MW dispatch
LOWER6SECIMPORT	numeric(15,5)		Not used since Dec 2003. Lower 6 sec
LOWERSSECTORON	numorio(4F F)		MW imported
LOWER6SECLOCALDIS	numeric(15,5)		Lower 6 sec local dispatch
PATCH			



LOWER6SECLOCALRE Q	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
RAISE5MINLOCALDISP ATCH	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
RAISE60SECLOCALDIS PATCH	numeric(15,5)	Raise 50 sec local dispatch
RAISE60SECLOCALRE Q	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
RAISE6SECLOCALDISP ATCH	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
AGGREGATEDISPATC HERROR	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
LOWERREGLOCALDIS PATCH	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
RAISEREGLOCALDISP ATCH	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



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RAISE5MINLOCALVIOL	numeric(15,5)	Not used since Dec 2003. Violation (MW)
ATION	. (1 = =)	of Raise 5 min local requirement
RAISEREGLOCALVIOL	numeric(15,5)	Not used since Dec 2003. Violation (MW)
ATION		of Raise Reg local requirement
RAISE60SECLOCALVIO	numeric(15,5)	Not used since Dec 2003. Violation (MW)
LATION		of Raise 60 sec local requirement
RAISE6SECLOCALVIOL	numeric(15,5)	Not used since Dec 2003. Violation (MW)
ATION		of Raise 6 sec local requirement
LOWER5MINLOCALVIO	numeric(15,5)	Not used since Dec 2003. Violation (MW)
LATION		of Lower 5 min local requirement
LOWERREGLOCALVIO	numeric(15,5)	Not used since Dec 2003. Violation (MW)
LATION		of Lower Reg local requirement
LOWER60SECLOCALVI	numeric(15,5)	Not used since Dec 2003. Violation (MW)
OLATION		of Lower 60 sec local requirement
LOWER6SECLOCALVIO	numeric(15,5)	Not used since Dec 2003. Violation (MW)
LATION		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
RAISE60SECVIOLATIO	numeric(15,5)	Not used since Dec 2003. Violation (MW)
N	1141115115(15,5)	of Raise 60 seconds requirement
RAISE6SECVIOLATION	numeric(15,5)	Not used since Dec 2003. Violation (MW)
TOTICECCECTICIN	1101110(10,0)	of Raise 6 seconds requirement
LOWER5MINVIOLATIO	numeric(15,5)	Not used since Dec 2003. Violation (MW)
N	Trumenc(13,3)	of Lower 5 min requirement
LOWERREGVIOLATION	numeric(15,5)	Not used since Dec 2003. Violation (MW)
LOWERREGUIOLATION	Humenc(15,5)	of Lower Reg requirement
LOWER60SECVIOLATI	numeric(15,5)	Not used since Dec 2003. Violation (MW)
ON	numeric(15,5)	
LOWER6SECVIOLATIO	numaria/1F F)	of Lower 60 seconds requirement Not used since Dec 2003. Violation (MW)
	numeric(15,5)	` '
N	-1-1-1	of Lower 6 seconds requirement
LASTCHANGED	datetime	Last date and time record changed
TOTALINTERMITTENTG	numeric(15,5)	Allowance made for non-scheduled
ENERATION	. (1 = =)	generation in the demand forecast (MW).
DEMAND_AND_NONSC	numeric(15,5)	Sum of Cleared Scheduled generation,
HEDGEN		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_CLEA	numeric(15,5)	Regional aggregated Semi-Schedule
REDMW		generator Cleared MW
SEMISCHEDULE_COM	numeric(15,5)	Regional aggregated Semi-Schedule
PLIANCEMW		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
	1	1111 - 111