12.20 Table: DISPATCHREGIONSUM

12.20.1 DISPATCHREGIONSUM

Name	DISPATCHREGIONSUM
Comment	DISPATCHREGIONSUM sets out the 5-minute solution for each dispatch run for each region, including the Frequency Control Ancillary Services (FCAS) services provided. Additional fields are for the Raise Regulation and Lower Regulation Ancillary Services plus improvements to demand calculations.

12.20.2 Description

DISPATCHREGIONSUM is public data, and is available to all participants.

Source

DISPATCHREGIONSUM updates every 5 minutes.

Note

For details of calculations about load calculations, refer to Chapter 3 of the "Statement of Opportunities"

*** "Actual FCAS availability" is determined in a post-processing step based on the energy target (TotalCleared) and bid FCAS trapezium for that interval. However, if the unit is outside the bid FCAS trapezium at the start of the interval (InitialMW), the "Actual FCAS availability" is set to zero. For regulation services, the trapezium is the most restrictive of the bid/SCADA trapezium values.

From 16 February 2006, the old reserve values are no longer populated (i.e. are null), being LORSurplus and LRCSurplus. For more details on the changes to Reporting of Reserve Condition Data, refer to AEMO Communication 2042. For the best available indicator of reserve condition in each of the regions of the NEM for each trading interval, refer to the latest run of the Pre-Dispatch PASA (see table PDPASA_REGIONSOLUTION).

12.20.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

12.20.4 Primary Key Columns

Name
DISPATCHINTERVAL
INTERVENTION
REGIONID
RUNNO
SETTLEMENTDATE

12.20.5 Index Columns

Name
LASTCHANGED

12.20.6 Content

Name	Data Type	Mandatory	Comment

SETTLEMENTDATE	datetime	X	Market date and time starting at 04:05
RUNNO	numeric(3,0)	X	Dispatch run no; always 1
REGIONID	varchar(10)	X	Region Identifier
DISPATCHINTERVAL	numeric(22,0)	X	Dispatch period identifier, from 001 to 288 in format YYYYMMDDPPP.
INTERVENTION	numeric(2,0)	X	Manual Intervention flag
TOTALDEMAND	numeric(15,5)		Demand (less loads)
AVAILABLEGENERATION	numeric(15,5)		Aggregate generation bid available in region
AVAILABLELOAD	numeric(15,5)		Aggregate load bid available in region
DEMANDFORECAST	numeric(15,5)		5 minute forecast adjust
DISPATCHABLEGENERATION	numeric(15,5)		Dispatched Generation
DISPATCHABLELOAD	numeric(15,5)		Dispatched Load (add to total demand to get inherent region demand).
NETINTERCHANGE	numeric(15,5)		Net interconnector flow from the regional reference node
EXCESSGENERATION	numeric(15,5)		MW quantity of excess
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
LOWER5MINLOCALPRICE	numeric(15,5)		Not used since Dec 2003. Local price of lower 5 min
LOWER5MINLOCALREQ	numeric(15,5)		Not used since Dec 2003. Lower 5 min local requirement
LOWER5MINPRICE	numeric(15,5)		Not used since Dec 2003. Regional price of lower 5 min
LOWER5MINREQ	numeric(15,5)		Not used since Dec 2003. Lower 5 min total requirement
LOWER5MINSUPPLYPRICE	numeric(15,5)		Not used since Dec 2003. Supply price of lower 5 min
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
LOWER60SECLOCALPRICE	numeric(15,5)		Not used since Dec 2003. Local price of lower 60 sec
LOWER60SECLOCALREQ	numeric(15,5)		Not used since Dec 2003. Lower 60 sec local requirement
LOWER60SECPRICE	numeric(15,5)		Not used since Dec 2003. Regional price of lower 60 sec
LOWER60SECREQ	numeric(15,5)		Not used since Dec 2003. Lower 60 sec total requirement
LOWER60SECSUPPLYPRICE	numeric(15,5)		Not used since Dec 2003. Supply price of lower 60 sec
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
LOWER6SECLOCALPRICE	numeric(15,5)		Not used since Dec 2003. Local price of lower 6 sec
LOWER6SECLOCALRE	numeric(15,5)		Not used since Dec 2003. Lower 6 sec

Q			local requirement
LOWER6SECPRICE	numeric(15,5)		Not used since Dec 2003. Regional price of lower 6 sec
LOWER6SECREQ	numeric(15,5)		Not used since Dec 2003. Lower 6 sec total requirement
LOWER6SECSUPPLYPRICE	numeric(15,5)		Not used since Dec 2003. Supply price of lower 6 sec
RAISE5MINDISPATCH	numeric(15,5)		Not used since Dec 2003. 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
RAISE5MINLOCALPRICE	numeric(15,5)		Not used since Dec 2003. Raise price of lower 5 min
RAISE5MINLOCALREQ	numeric(15,5)		Not used since Dec 2003. Raise 5 min local requirement
RAISE5MINPRICE	numeric(15,5)		Not used since Dec 2003. Regional price of raise 5 min
RAISE5MINREQ	numeric(15,5)		Not used since Dec 2003. Raise 5 min total requirement
RAISE5MINSUPPLYPRICE	numeric(15,5)		Not used since Dec 2003. Supply price of raise 5 min
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 60 sec local dispatch
RAISE60SECLOCALPRICE	numeric(15,5)		Not used since Dec 2003. Local price of raise 60 sec
RAISE60SECLOCALREQ	numeric(15,5)		Not used since Dec 2003. Raise 60 sec local requirement
RAISE60SECPRICE	numeric(15,5)		Not used since Dec 2003. Regional price of raise 60 sec
RAISE60SECREQ	numeric(15,5)		Not used since Dec 2003. Raise 60 sec total requirement
RAISE60SECSUPPLYPRICE	numeric(15,5)		Not used since Dec 2003. Supply price of raise 60 sec
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
RAISE6SECLOCALPRICE	numeric(15,5)		Not used since Dec 2003. Local price of raise 6 sec
RAISE6SECLOCALREQ	numeric(15,5)		Not used since Dec 2003. Raise 6 sec local requirement
RAISE6SECPRICE	numeric(15,5)		Not used since Dec 2003. Regional price of raise 6 sec
RAISE6SECREQ	numeric(15,5)		Not used since Dec 2003. Raise 6 sec total requirement
RAISE6SECSUPPLYPRICE	numeric(15,5)		Not used since Dec 2003. Supply price of raise 6 sec
AGGEGATEDISPATCHERROR	numeric(15,5)		Calculated dispatch error
AGGREGATEDISPATCHERROR	numeric(15,5)		Calculated dispatch error
LASTCHANGED	datetime		Last date and time record changed

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
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
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
RAISE5MINLOCALVIOL ATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 5 min local requirement
RAISEREGLOCALVIOL ATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise Reg local requirement
RAISE60SECLOCALVIO LATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 60 sec local requirement
RAISE6SECLOCALVIOL ATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Raise 6 sec local requirement
LOWER5MINLOCALVIO LATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 5 min local requirement
LOWERREGLOCALVIO LATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower Reg local requirement
LOWER60SECLOCALVI OLATION	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 60 sec local requirement
LOWER6SECLOCALVIO LATION	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
RAISE60SECVIOLATIO N	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
LOWER5MINVIOLATIO N	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
LOWER60SECVIOLATI ON	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 60 seconds requirement
LOWER6SECVIOLATIO N	numeric(15,5)		Not used since Dec 2003. Violation (MW) of Lower 6 seconds requirement
RAISE6SECACTUALAV AILABILITY	numeric(16,6)		trapezium adjusted raise 6sec availability
RAISE60SECACTUALA VAILABILITY	numeric(16,6)		trapezium adjusted raise 60sec availability
RAISE5MINACTUALAVA ILABILITY	numeric(16,6)		trapezium adjusted raise 5min availability
RAISEREGACTUALAVA ILABILITY	numeric(16,6)		trapezium adjusted raise reg availability

LOWER6SECACTUALAVAILABILITY	numeric(16,6)		trapezium adjusted lower 6sec availability
LOWER60SECACTUALAVAILABILITY	numeric(16,6)		trapezium adjusted lower 60sec availability
LOWER5MINACTUALAVAILABILITY	numeric(16,6)		trapezium adjusted lower 5min availability
LOWERREGACTUALAVAILABILITY	numeric(16,6)		trapezium adjusted lower reg availability
LORSURPLUS	numeric(16,6)		Not in use after 17 Feb 2006. Total short term generation capacity reserve used in assessing lack of reserve condition
LRCSURPLUS	numeric(16,6)		Not in use after 17 Feb 2006. Total short term generation capacity reserve above the stated low reserve condition requirement
TOTALINTERMITTENTGENERATION	numeric(15,5)		Allowance made for non-scheduled generation in the demand forecast (MW).
DEMAND_AND_NONSCHEDGEN	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_CLEAREDMW	numeric(15,5)		Regional aggregated Semi-Schedule generator Cleared MW
SEMISCHEDULE_COMPLIANCEMW	numeric(15,5)		Regional aggregated Semi-Schedule generator Cleared MW where Semi-Dispatch cap is enforced