

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 |
| LOWER6SECLOCALREQ | 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 |
| AGGREGATEDISPATCHERROR | 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 |
| 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 |
| 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 |
| RAISE6SECACTUALAVAILABILITY | numeric(16,6) | | trapezium adjusted raise 6sec availability |
| RAISE60SECACTUALAVAILABILITY | numeric(16,6) | | trapezium adjusted raise 60sec availability |
| RAISE5MINACTUALAVAILABILITY | numeric(16,6) | | trapezium adjusted raise 5min availability |
| RAISEREGACTUALAVAILABILITY | numeric(16,6) | | trapezium adjusted raise reg availability |

| | | | |
|-----------------------------|---------------|--|--|
| LOWER6SEACTUALAVAILABILITY | numeric(16,6) | | trapezium adjusted lower 6sec availability |
| LOWER60SEACTUALAVAILABILITY | 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_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 |