26.15   Table: PREDISPATCHREGIONSUM

26.15.1   PREDISPATCHREGIONSUM

Name   PREDISPATCHREGIONSUM

Comment   PREDISPATCHREGIONSUM sets out the overall regional Pre-Dispatch
                            results for base case details (excluding price).

26.15.2   Description

PREDISPATCHREGIONSUM includes the forecast demand (total demand) and Frequency Control
Ancillary Services (FCAS) requirements (specifically, for the Raise Regulation and Lower Regulation
Ancillary Services plus improvements to demand calculations). PREDISPATCHREGIONSUM
updates each half-hour with the latest Pre-Dispatch details for the remaining period.

Regional demand can be calculated as total demand plus dispatchable load (i.e. Regional demand =
Total Demand + Dispatchable Load)

Source

PREDISPATCHREGIONSUM updates every thirty minutes.

Note

*** "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).

26.15.3   Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

26.15.4   Primary Key Columns

Name
DATETIME
REGIONID

26.15.5   Index Columns

Name
LASTCHANGED

26.15.6   Index Columns

Name
PREDISPATCHSEQNO

26.15.7   Content

Name	Data Type	Mandatory	Comment
PREDISPATCHSEQNO	varchar(20)		Unique identifier of predispatch run in the form YYYYMMDDPP with 01 at 04:30
RUNNO	numeric(3,0)		LP Solver Pre-Dispatch run no, typically 1. It increments if the case is re-run.
REGIONID	varchar(10)	X	Unique region identifier
PERIODID	varchar(20)		PERIODID is just a period count, starting from 1 for each Pre-Dispatch run. Use DATETIME to determine half hour period.
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 that there is not intervention in the market, both pricing and physical runs correspond to INTERVENTION=0
TOTALDEMAND	numeric(15,5)		Total demand in MW for period (less normally on 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)		Delta MW value only
DISPATCHABLEGENERATION	numeric(15,5)		Generation dispatched in period
DISPATCHABLELOAD	numeric(15,5)		Load dispatched in period
NETINTERCHANGE	numeric(15,5)		Net interconnector flow from the regional reference node
EXCESSGENERATION	numeric(15,5)		Excess generation in period / Deficit generation if VOLL
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
LOWER60SECSUPPLY PRICE	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
LOWER6SECLOCALDIS PATCH	numeric(15,5)		Lower 6 sec local dispatch
LOWER6SECLOCALPRI CE	numeric(15,5)		Not used since Dec 2003. Local price of lower 6 sec
LOWER6SECLOCALRE Q	numeric(15,5)		Not used since Dec 2003. Lower 6 sec 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
LOWER6SECSUPPLYP RICE	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
RAISE5MINLOCALDISP ATCH	numeric(15,5)		Raise 5 min local dispatch
RAISE5MINLOCALPRIC E	numeric(15,5)		Not used since Dec 2003. Local price of raise 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
RAISE5MINSUPPLYPRI CE	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
RAISE60SECLOCALDIS PATCH	numeric(15,5)		Raise 60 sec local dispatch
RAISE60SECLOCALPRI CE	numeric(15,5)		Not used since Dec 2003. Local price of raise 60 sec
RAISE60SECLOCALRE Q	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
RAISE60SECSUPPLYP RICE	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
RAISE6SECLOCALDISP ATCH	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
LASTCHANGED	datetime		Period date and time
DATETIME	datetime	X	Period expressed as Date/Time
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
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
DECAVAILABILITY	numeric(16,6)		generation availability taking into account daily energy constraints
LORSURPLUS	numeric(16,6)		Not used after Feb 2006. Total short term generation capacity reserve used in assessing lack of reserve condition
LRCSURPLUS	numeric(16,6)		Not used after 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