

## 25.7 **Table: DUDETAIL**

### 25.7.1 DUDETAIL

Name	DUDETAIL
Comment	DUDETAIL sets out a records specific details for each unit including start type and whether normally on or off load. Much of this data is information only and is not used in dispatch or settlements.

### 25.7.2 Description

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

#### Source

DUDETAIL updates only when registration details change.

#### Note

To find the current set of details for selected dispatchable units, query the participant's local database as follows.

```
Select du.* from dudetail du
where (du.EFFECTIVEDATE, du.VERSIONNO) =
(
select effectivedate, max(versionno)
from dudetail
where EFFECTIVEDATE = (select max(effectivedate)
from dudetail
where EFFECTIVEDATE <= sysdate
and duid = du.duid
and authoriseddate is not null)
and duid = du.duid
and authoriseddate is not null
group by effectivedate
)
and du.duid in ('UNIT1', 'UNIT2')
;
```

The following notes apply to this SQL code:

- This table is specific to dispatch units only.
- If you wish to query details for a different date, substitute a date expression for "sysdate" in the "where EFFECTIVEDATE <= sysdate" clause.
- If you wish to list all the units, remove the line "and du.duid in ('UNIT1', 'UNIT2')"
- The DUDETAIL table does not indicate if a unit is active; this is done through ownership (STADUALLOC) by an active station owned by an active participant (STATIONOWNER)
- If you wish to query Station details refer to STATION, STATIONOWNER and STADUALLOC.
- If you wish to look at connection point loss factors, refer to TRANSMISSIONLOSSFACTOR.

### 25.7.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

#### 25.7.4 Primary Key Columns

Name  
 DUID  
 EFFECTIVEDATE  
 VERSIONNO

#### 25.7.5 Index Columns

Name  
 LASTCHANGED

#### 25.7.6 Content

Name	Data Type	Mandatory	Comment
EFFECTIVEDATE	datetime	X	Effective calendar date of record
DUID	varchar(10)	X	Dispatchable Unit Identifier
VERSIONNO	numeric(3,0)	X	version of Dispatchable Unit details for this effective date
CONNECTIONPOINTID	varchar(10)		Country wide - Unique id of a connection point
VOLTLEVEL	varchar(10)		Voltage Level
REGISTEREDCAPACITY	numeric(6,0)		Registered capacity for normal operations
AGCCAPABILITY	varchar(1)		AGC Capability flag
DISPATCHTYPE	varchar(10)		Identifies LOAD or GENERATOR
MAXCAPACITY	numeric(6,0)		Maximum Capacity as used for bid validation
STARTTYPE	varchar(20)		Identify unit as Fast or Slow
NORMALLYONFLAG	varchar(1)		For a dispatchable load indicates that the load is normally on or off.
PHYSICALDETAILSFLAG	varchar(1)		Indicates that the physical details for this unit are to be recorded
SPINNINGRESERVEFLAG	varchar(1)		Indicates spinning reserve capability
AUTHORISEDDBY	varchar(15)		User authorising record
AUTHORISEDDATE	datetime		Date record authorised
LASTCHANGED	datetime		Last date and time record changed
INTERMITTENTFLAG	varchar(1)		Indicate whether a unit is intermittent (e.g. a wind farm)
SemiSchedule_Flag	varchar(1)		Indicates if the DUID is a Semi-Scheduled Unit
MAXRATEOFCHANGEUP	numeric(6,0)		Maximum ramp up rate for Unit (Mw/min)
MAXRATEOFCHANGEDOWN	numeric(6,0)		Maximum ramp down rate for Unit (Mw/min)