	Schedule							
Transpower schedule name	**WDS**	**SWS**	**PDS**	**SDS**	**SDPQ**	**RTD**	**RTP**	**Final Pricing (FP)**
WITS schedule name			**Forecast**		**Dispatch**		**5min**	**Final / Provisional**
SPD Input								
Initial MW	N/A - as ramp rate is 9999	Uses unit sample (at start of trading period) for 1st interval, then previous cleared MW for subsequent intervals	Uses unit sample (at start of trading period) for 1st interval, then previous cleared MW for subsequent intervals	Uses unit sample (at start of trading period) for 1st interval, then previous cleared MW for subsequent intervals	Uses unit sample (at start of trading period) for 1st interval, then previous cleared MW for subsequent intervals	Uses current MW	Uses MW at start of 5 min period, same as was used in RTD	Uses unit sample for start of each trading period
Offers Energy Offers – incl. ramp rates Reserve Offers Bids	Ramp rates are set to 9999 for WDS Rolled over offers are used where real offers do not exist	Energy offers are offered in up to 5 tranches. The energy offer includes up ramp rate (MW/h), down ramp rate (MW/h), MW Max, MW price ($/MWh), MW quantity. Reserve offers are offered in up to 3 tranches. There are 2 classes of reserves - 6s and 60s (also known as Fast Instantaneous Reserves (FIR) and Sustained Instantaneous Reserves (SIR) respectively). The 3 reserve offer types are Interruptible Load, Tail Water Depressed Reserve and Partially Loaded Spinning Reserve (PLSR). Reserve offer includes MW price, MW quantity, reserve class, PLSR %. Bids - see load. Bids are offered in up to 10 tranches.						
Island Load						Island load = generation - losses + pre-solve deviation Note: Bids are used to determine non-conforming load at the bus level.	5min average of actual load from SCADA	MV90 metered load
Conforming	Load Forecast	Load Forecast	Bids	Load Forecast	Load Forecast			
Non-conforming	Bids	Bids	Bids	Bids	Bids			
Network Model	All schedules use the SPD network model with overrides and accepted market outages.							
Constraints	Security constraints (temporary and permanent) are applied to all SPD schedules. These are also referred to as branch (group) constraints and are published on WITS if they are ≥ 85% of their limit.							
Intermittent Generation Information	Up ramp = 9999 Down ramp = 9999	Uses the latest intermittent generation offers. Within 2 hours the intermittent generator must provide revised offers based on actual output	Uses the latest intermittent generation offers. Within 2 hours the intermittent generator must provide revised offers based on actual output	Uses the latest intermittent generation offers. Within 2 hours the intermittent generator must provide revised offers based on actual output	Uses the latest intermittent generation offers. Within 2 hours the intermittent generator must provide revised offers based on actual output	Offered MW = 9999 Up ramp = 0 Initial MW = SCADA current MW This has the effect of clearing generation to the current MW output	Offered MW = 9999 Up ramp = 0 Initial MW = SCADA previous 5 min average	Intermittent Generation offers are excluded from final pricing. Intermittent generation is modelled as negative load (provided through MV90 data)
Reserve Requirements Risk adjustment factors (RAFs) Risk Offsets	Rolled over reserve requirements are used	Uses reserve requirements from latest RMT solves	Uses reserve requirements from latest RMT solves	Uses reserve requirements from latest RMT solves	Uses reserve requirements from latest RMT solves	Uses requirements from latest RMT solve in the previous trading period	Uses requirements from latest RMT solve in the previous trading period	Uses latest requirements at the start of the trading period
Time Frame								
From	End of PDS (00:00)	Now	Now	Now	Now	Now	5 mins ago	00:00 yesterday
To	End of PDS (00:00)+ 6 days	00:00 tomorrow, or 00:00 today if before 10:00	00:00 tomorrow, or 00:00 today if before 13:00	00:00 tomorrow, or 00:00 today if before 10:00	Now + 7 trading periods	Now + 5 mins	Now	00:00 today
Produced (Run Time)	Every 24 hours (at 01:30)	Every 2 hours (even hours)	Every 2 hours (odd hours)	Every 2 hours (even hours)	Every 30 mins (xx:10 and xx:40)	Every 5 mins - runs 1 min before start of 5 min period (or when triggered)	Every 5 mins	Daily (at approx 07:30)

		Schedule							
	Transpower schedule name	**WDS**	**SWS**	**PDS**	**SDS**	**SDPQ**	**RTD**	**RTP**	**Final Pricing (FP)**
	WITS schedule name			**Forecast**		**Dispatch**		**5min**	**Final / Provisional**
	Published on WITS?								
Prices	**Prices** Energy prices Reserve prices	**Yes** -energy and reserves	**Yes** -energy and reserves	**Yes** - energy and reserves	No	**Yes** - energy and reserves	No	**Yes** - from the 5min price display. 5min energy prices or 30min average energy prices can be seen. 5min reserve prices & quantities are also shown.	**Yes** - energy and reserves
	Infeasibilities Infeasibilities - deficit / surplus generation - deficit / surplus ramp rate - deficit CE 6s / 60s reserves - deficit ECE 6s / 60s reserves Disconnected nodes	**Yes**	**Yes**	**Yes**	No	**Yes**	**Yes**	**Yes** - from the 5min price display, but only a count of deficit gen infeasibilities is shown. Disconnected nodes are not shown for RTP. A count of binding ramp, branch, branch group, & market node constraints is also shown.	No - not published on WITS, but the Pricing Manager sends Infeasibility Situation Notices to the market
Market Data	**Historic Orders (**Bids and offers)	All bids and offers are available two weeks after the day on which they were submitted. Only the most recent 4 weeks of information can be seen on WITS. Historic FK offers are published separately on the EC website.							
	HVDC Flows HVDC flow - MW sent & received Risk offsets Risk adjustment factors (RAFs)	No	**Yes**	**Yes**	No	**Yes**	No	**Yes** - RTP RAFs are published on the 5min price display. HVDC flows and risk offsets are not published for RTP.	No
	Constraints Branch & Branch Group Constraint flows ≥ 85% binding	**Yes –** Branch group constraints only. Binding branch limits are not published for WDS	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**
	Outages & Overrides	This information is time based, not schedule based. All accepted market plant request outages in effect between now and the next 9 days are sent to WITS. Cancelled outages are shown as greyed out records. All MW limit, MW limit 20, MW limit 25, MW limit 30 and Outage Overrides applied to branches that are in effect between now and the next 9 days are also sent to WITS.							
	Block Security	No	No	No	**Yes** - BSC instructions from the SDS are published.	No	No - but BSC instructions from RTD may be published in the future.	No	No
	SRC Results	No	No	No	**Yes**	**Yes**	No	No	No
	GXP Daily Demand	No (N/A)	No (N/A)	No (N/A)	No (N/A)	No (N/A)	No (N/A)	No (N/A)	**Yes**
Aggregates	**Aggregate Quantities (NI/SI)** Total Bid/ Total Energy Offered Load/ Scheduled Generation	**Yes -** Forecast load, total energy offered & scheduled generation	**Yes -** Forecast load, total energy offered & scheduled generation	**Yes -** Total energy bid & offered, scheduled load & scheduled generation	No	**Yes -** Forecast load, total energy offered & scheduled generation	No	No	No
	Supply and Demand Energy - Supply & Demand Reserve - Offer stack, Risk MW, Reserves cleared & RAFs	No	**Yes**	**Yes**	No	No	No	No	No
	FK Indication	This information is time based but is published with the PDS. The FK selection methodology considers the FK offer cost, constrained on cost & band power.							
	Aggregate Load Forecast	**Yes**	**Yes**	No (N/A)	No	**Yes**	No (N/A)	No (N/A)	No (N/A)
	Intermittent Generation (NI/SI)	No	**Yes**	No	No	**Yes**	No	No	No