Service Design

Technical Design

Product Criteria	Slow Reserve	Quick Reserve
Direction	Low (Positive Reserve) & High (Negative Reserve)	
Minimum Capacity	1 MW	
Time to full output	Maximum of 15 minutes of instruction	Maximum of 1 minute from instruction
Maximum Activation Period	A minimum of 120 minutes	A minimum of 15 minutes
Minimum Activation Period	A maximum of 30 minutes	A maximum of 5 minutes
Maximum Recovery Period	A maximum of 30 minutes	A maximum of 3 minutes
Aggregation rules	Providers can aggregate units within a GSP Group	
Dispatch Solution	BM – BOAs / Non-BM - ASDP	
Operational & Performance Metering	1Hz	
Ramp rates	Maximum ramp rates - not greater than 100% of contracted capacity per minute. Maximum instantaneous ramp rates – unit cannot deliver more than 50% of contracted capacity in any 30 seconds period of ramping.	No maximum ramp rate limits.
Performance Monitoring	Penalties for over (>120%) and under (95%) deliveries	
Baselining	60-minute nomination baseline	
Energy Requirements	N/A	At least 1 activation at 100% of contracted capacity per Settlement Period

Service Design

Procurement Design

Product Criteria	Slow Reserve	Quick Reserve
Unit Cap/ Bidding Volume Cap	N/A	300 MW
Frequency of Procurement	Daily	
Auction Timing	D-1 14:00	
Service Window	1* 8 hour overnight block (23:00-07:00) + 8 * 2 hour blocks	Interim: 2h Window Enduring: Settlement Period
Auction Platform (for Firm Requirement)	Enduring Auction Platform	
Stacking	Same MW cannot be sold twice	
Payment Structure	**Firm service**: Availability+ Utilisation **Optional service**: Utilisation	
Payment Mechanism	Availability: Pay-as-clear Utilisation: Pay-as-bid	