

Dynamic Regulation

Consultation changes summary

We have included a summary of changes made to the DR EBR Article 18 consultation documents below. The draft version refers to the tracked changes made following the EBR consultation period with industry and the initial version submitted to Ofgem. The final version refers to the tracked changes made in the consultation documents following feedback and comments from Ofgem.

DR Service Terms

Version	Paragraph	Subject Matter	Change
DRAFT	6.11	Deadband	Clarity around operation of plant within the deadband when providing Grid Code mandatory frequency response service
	6.19	Disarming	Provided further clarity around the Contracted Quantity being set to 0.
	7.3	Availability Payments	Amended to refer to paragraph 15.
	12.5 and 12.6	Stacking	Clause clarified/simplified including with respect to BM stacking
	12.8	Provision of Other Services	Amended to refer to paragraph 15.
	13.3	Communications	Amended to refer to paragraph 15.
	14.2i	Termination	Amended to limit to material breaches.
	14.2ii	Termination	Redundant text removed.
	15.4	Performance Data	Included the option to submit data at a granularity of twenty measurements per second (20 Hz).
	15.4iii	Performance Data	Redundant text removed
	15.5ii	Frequency	Amended error margin to 0.01 Hz
	17.1	Force Majeure	Carved out clauses 10.2.2 and 10.4 of the Common Flexibility Services Terms and Conditions as not applicable to short duration DR Response Contracts.
	26.2	Notices	Amended to refer to paragraph 26.1
	27.1	Dispute Resolution	Incorrect reference to service terms corrected. Also inserted a new paragraph 27.1ii giving the parties the option not to arbitrate disputes.
	28.2	Governing Law & Jurisdiction	Inserted a new paragraph 28.2 giving exclusive jurisdiction to the courts of England and Wales.
	Schedule 1		Clarification of operation within deadband when providing Grid Code mandatory frequency response service. Amendments to Energy Limited service parameters Amendments to error tolerance and limit

	Schedule 2		Clarification of operation within deadband when providing Grid Code mandatory frequency response service. Amendments to error calculation
FINAL	2.2	Changes	"Electricity Balancing Guidelines" amended to "Electricity Balancing Regulation" to align with terminology as used in CUSC
	3.3	Defined Terms	Removed reference to "sub" paragraph
	4.1	DR Procurement Documents	Formatting change to 4.1
	5.5	Service Availability	Inserted reference to new clause 5.8
	5.8	Service Availability	Inserted new clause to provide clarity around implication of notifying inability to respond to Disarming/Rearming instructions
	6.6 – 6.7	Service Availability	Frequency deviation amended to be a non-defined term
	6.10	Service Availability	Typo – inserted "the"
	6.15 – 6.19	Disarming (and Re-Arming) Instructions	Inserted new wording to provide clarity and 6.19 deleted as covered by 6.18
	7.1	Availability Payments	Removed superfluous wording
	12.8	Provision of Other Services	"Relevant Data" removed as not defined, and replaced by defined terms
	13.3	Communications	Removed typo "made by" and removed incorrect clause reference
	14.1, 14.3	Termination of DR Response Contracts	Removed reference to "sub" paragraph
	15.1	Monitoring and Metering Data	Typo – lower case "d"
	15.2	Monitoring and Metering Data	Typo – "form" to "from"
	15.4	Monitoring and Metering Data	Typo – lower case "d"
	15.5	Monitoring and Metering Data	Amended incorrect clause reference
	15.6	Monitoring and Metering Data	Removed unused defined term "Relevant Data"
	17.1	Force Majeure	Removed reference to "sub" paragraph
	21.3 iv	Transfer of DR Response Contracts	Removed reference to "sub" paragraph
	21.9	Transfer of DR Response Contracts	Amended reference from "System Operator Guidelines" to "Electricity Transmission System Operation Regulation" to align with terminology used in CUSC

	25.2	Modern Slavery, Anti-bribery and Living Wage	Amended incorrect clause reference to 25
	Schedule 1	Service Parameters	Inserted "Document" and emboldened the DR Participation Guidance Document reference in the Maximum ramp rate for Baselines parameter
	Schedule 2	Availability Payments	Clarification given to reflect that Pije is a Settlement Period value
	Schedule 2	Availability Payments	Amended clause reference to paragraph 15
	Schedule 2	Availability Payments	Amended time calculation to 10 seconds from 1 second
	Schedule 3	Payment Provisions	Removed reference to "sub" paragraph and inserted reference to Schedule 3 Corrected references from Reserve to DR and HM Revenue & Customs

DR Auction Rules

Version	Paragraph	Subject Matter	Change
DRAFT	7.13	DR Sell Orders	Clarification that validation of sell orders is by reference to paragraph 7
	8.2.1	Market Clearing Rules	Clarification that sell orders may be accepted outside of price order as provided in paragraph 8 and for overall welfare maximisation
	9.1 – 9.2	Warranties & Undertakings	Incorporation of the limitations of liability contained in clauses 11.1 and 11.3 of the Common Flexibility Services Terms and Conditions
	9.3	Warranties & Undertakings	Limit the indemnity to a breach of paragraph 9.1.2 only
	12.1.3	Exceptional Circumstances	Amended broken link to refer to paragraph 7
	17.2	Viruses	Amended to provide for reasonable co-operation/assistance
	21	Dispute Resolution	Inserted a new paragraph 21.1.2 giving the parties the option not to arbitrate disputes
	22.2	Governing Law & Jurisdiction	Cross reference to new paragraph 21.1.2
FINAL	2.2	Changes	"Electricity Balancing Guidelines" amended as per above Service Terms change above
	4.1	DR Procurement Docs	Formatting correction
	5.2	Registration	Inserted "Document" to the DR Participation Guidance Document reference

	5.2	Registration	Typo – inserted “a”
	6.1	DR Buy Orders	Amended typo to refer to “paragraph”
	7.3	DR Sell Orders	Removed reference to “EFA Block” and corrected to align with paragraph 7.4.4
	7.3.1	DR Sell Orders	Extra wording added to clarify operation of stacking rules (consistent with stacking rules in Service Terms) and also recognising ability of platform to accept block codes
	7.4.4 – 7.7.3	DR Sell Orders	Updated to reflect post-consultation DC changes in respect of Loop Blocks
	7.5	DR Sell Orders	Extra wording added to clarify operation of stacking rules (consistent with stacking rules in Service Terms) and also recognising ability of platform to accept block codes
	7.12	DR Sell Orders	Amended clause reference
	7.14.1	DR Sell Orders	Removed typo
	8.2.4	Market Clearing Rules	Amended to include Loop Block example which is the same as the DC example
	8.2.6 (e)	Market Clearing Rules	Removed reference to “Child or Parent”
	8.2.6 (f)	Market Clearing Rules	Typos – “of “and “and”
	8.2.6 (g)	Market Clearing Rules	Inserted new statement for completeness
	9.2	Warranties	Typo – “DR”
	21.1.1	Dispute Resolution	Typo - “referable” corrected

DR Service Glossary

Version	Section	Definition	Change
DRAFT	Part 3	“Energy Limited”	Removed “or” between (a) and (b) and inserted “and”.
FINAL	Part 1	Paragraph 2 and 3	Typo – amended references to paragraph 3 and removed the superfluous wording at the end of paragraph 3
	Part 1	Paragraph 5	“Electricity Balancing Guidelines” amended as per above Service Terms change above
	Part 2	Paragraph 6	Typo – “provides”
	Part 3	Paragraph 7	Typo – changed to “Relevant” and removed superfluous wording
	Part 3	“Availability Payment”	Amended to Schedule 2
	Part 3	“Buy Order Price Limit”	Inserted new definition
	Part 3	“Child Block”	Amended definition
	Part 3	“Contracted EFA Block”	Inserted new definition

	Part 3	“Dis-Arming Instruction”	Amended definition
	Part 3	“DR-high” and “DR-low”	Corrected capitalised “R”
	Part 3	“DR Participation Guidance Document”	Updated for consistency with Testing Documents
	Part 3	“DR Service Day”	Typo – “DR Buy Order”
	Part 3	“Independent Technical Expert”	Inserted new definition
	Part 3	“Loop Block”	Inserted new definition as per DC
	Part 3	“Market Clearing Rules”	Inserted new definition
	Part 3	“Minimum Acceptance Ratio”	Inserted new definition as per DC
	Part 3	“Monthly Statement”	Inserted new definition
	Part 3	“Parent Block”	Updated definition to be consistent with updates to Auction Rules
	Part 3	“Re-Arming Instruction”	Amended definition
	Part 3	“Stacking Guidance”	Amended definition

DR Participation Guidance

Version	Paragraph	Section	Change
DRAFT	2	Service Delivery	Clarity around operation of plant within the deadband when providing Grid Code mandatory frequency response service
	7	Performance Monitoring	Insert paragraph confirming commitment to refining performance monitoring rules to support removing barriers to entry
	9	Entry Requirement and Duration	Updates to example
	10	State of Energy (SoE) Management	Updates to example and illustration
	16	Transitional Arrangements	Amended to refer to option to submit data at a granularity of twenty measurements per second (20 Hz).
FINAL		Intro	Inserted a paragraph referencing the ENA Common Flexibility Terms with link, EPEX Trade User Guidance and Stacking Guidance
	1	Service Overview	Provided clarity around what is subject to transitional arrangements
	2	Service Delivery	Added clarification Aligned Hz references to those in DC
	4	Daily Auctions	Inserted clarification on inserted Loop Blocks

			Removed superfluous wording “registered quantity” Inserted link to website to access documents Typo - amended ‘at’ to ‘and’
	5	Testing	Inserted missing words and corrected reference to Testing Guidelines
	9	Energy Requirement	Removed “or” to be consistent with Service Glossary
	10	State of Energy Management	Reinstated clarification on SofE in multiple events with LF and HF
	16	Transitional Arrangements	Provided clarity around what is subject to transitional arrangements
		Annex	Removed “1” from Annex Example changed to 50MW - 2.5 MW /minute
		Annex	Resolution of graphs improved

Balancing Services Glossary of General Terms and Rules of Interpretation (same changes as referred to in the DM consultation changes summary document)

Version	Section	Definition	Change
DRAFT	Part 4	“Balancing Mechanism”	Inserted new definition.
FINAL	Part 1	Paragraph 4	“Electricity Balancing Guidelines” amended as per above Service Terms change above
	Part 2	Paragraph 5	Corrected capitalised “S”
	Part 3	12.1	Typo – inserted (“)
	Part 3	12.2	Deleted superfluous text
	Part 3	12.6	Emboldened “Provider”
	Part 3	12.7	Amended reference to “Relevant”
	Part 3	12.13	Emboldened “Company” “Provider” and “Flexibility Services”
	Part 3	12.23	Updated definition to “Industry Code”
	Part 3	12.26	Typo - amended reference to “Relevant Balancing Services Document”
	Part 3	12.28	Emboldened “Service Terms”
	Part 3	12.30	Amended typo
	Part 3	12.34	Updated definition for “Transmission Code”
	Part 4	“Bid-Offer Data”	Inserted a dash “-“
	Part 4	“BM Participating”	Inserted new definition
	Part 4	“Capacity Market Rules”	Deleted superfluous word
	Part 4	“Common Flexibility Service Terms and Conditions”	Inserted link to document

Part 4	"Connection and Use of System Code (CUSC)"	Removed a space/updated formatting
Part 4	"Dynamic Parameters"	Inserted missing definition
Part 4	"Electricity Balancing Regulation"	Updated definition as per comments above
Part 4	"Electricity Transmission System Operation Regulation"	Updated definition as per comments above
Part 4	"Frequency"	Inserted new definition
Part 4	"Gate Closure"	Deleted superfluous word
Part 4	"Generating Unit"	Corrected definition typo reference to "STOR"
Part 4	"Grid Code"	Removed bold on "Grid Code"
Part 4	"Lead Party"	Inserted missing definition
Part 4	"Minimum Non-Zero Time" or "MNZT"	Corrected definition typo reference to "STOR"
Part 4	"Minimum Zero Time" or "MZT"	Corrected definition typo reference to "STOR"
Part 4	"Modern Slavery Practice"	Deleted superfluous word
Part 4	"Monthly Statement"	Inserted missing definition
Part 4	"Non-Working Day"	Deleted superfluous word
Part 4	"Performance Monitoring"	Inserted missing definition
Part 4	"Proceedings"	Inserted missing definition
Part 4	"Retained EU Law"	Inserted missing definition for EBGL and Electricity Transmission System Operation Regulation
Part 4	"STC" or "System Operator – Transmission Owner Code"	Inserted definition needed for earlier insertion
Part 4	"System Frequency"	Inserted new definition

DR Testing Guidelines

Version	Section	Change
DRAFT	Contents	Updated page numbers
	Dynamic Regulation Test Requirements	Included a line to state that the diagrams are for illustrative purposes only.
	Test 1	Renamed Test 1 to Duration Test
	Assessment Criteria for Test 1	Amended the sustain response pass criteria for Unit level to 60 minutes.
	Table 4	Amended tolerances from 3% to 5%.
FINAL	Test 1 – Table 2	Amended times for injected frequencies
	Figure 2 – Test 1.1 & Figure 3 – Test 1.2	Updated Figures 2 and 3
	Assessment Criteria for Test 1	Inserted additional note regarding providers reusing existing duration tests for an asset