

Mock Stress Event follow-up actions:
Capacity Market Stress Event Guide and Capacity
Volume Register (CVR) proposed changes

Version 1.0

Introduction

We are seeking your views on our new Capacity Market Stress Event guide and proposed amendments to the Capacity Volume Register (CVR). The Delivery Partners have proposed these changes following feedback from the Spring 2018 mock stress event.

Stress Event Guide

The Stress Event Guide aims to be a single source information about Capacity Market Stress Events, drawing upon information set out in the Electricity Market Regulations 2014 (as amended) (“the Regulations”), the Capacity Market Rules 2014 (as amended) (“the Rules”), and the Working Practice and guidance documents published by EMRS and the EMR Delivery Body.

This is a living document and will be regularly updated by the Delivery Partners to reflect the most up-to-date rules and regulations that govern the Capacity Market scheme, and to ensure that it remains a useful resource for Capacity Providers.

As this is the first time we are publishing this document in draft, we would welcome your views on how to make this a clear and useful source of information for Capacity Providers.

Capacity Volume Register

The CVR is published to provide information on each Capacity Mechanism Unit’s (CMU) performance in relation to its obligation following a Capacity Market Stress Event. The CVR is published by 5pm everyday between the 10th and 19th Working Day (inclusive) after the end of the month in which a Capacity Market Stress Event occurs and is used to support Volume Reallocation.

We are proposing publishing seven additional data items in the CVR. These data items are provided on Settlement Period granularity and can be used by Capacity Providers to inform the Adjusted Load Following Capacity Obligations (ALFCO) for their Capacity Market Units (CMUs).

These changes have been suggested to improve transparency following feedback from the Mock Stress Event held in 2019. We propose to introduce these changes in time for the 19/20 Delivery Year.

Capacity Providers face penalties if they do not deliver their ALFCO following a System Stress Event occurs at least four hours after a Capacity Market Notice has been issued and post-event analysis by NG ESO has confirmed that a System Stress Event has occurred. For further information on the ALFCO calculation please see the Stress Event Guide, EMRS guidance documents, and the CM rules.

We considered publishing all data items used to calculate ALFCO, however the Delivery Body has advised that some of these data items (including those relating to Balancing Services and the Relevant Interruption flag) constitute Confidential EMR Information (CEMRI) so we do not have permission to publish these.

The additional data columns that we are proposing including in the CVR and a template of the CVR are set out below.

- **Auction Acquired Capacity Obligation (AACO)** – the amount of capacity in MW that a Capacity Committed CMU was awarded in a Capacity Agreement following a Capacity Auction. This information is also available on the Capacity Market Register.
- **Physically Traded Capacity Obligation (PTCO)** – the amount of capacity in MW (positive or negative) that a Capacity Committed CMU has transferred to another CMU (e.g. as the result of Secondary Trading). This information is also available on the Capacity Market Register.
- **Suspended Capacity Obligation (SCO)** – the amount of capacity in MW that a Capacity Committed CMU that has been suspended (e.g. for failing to satisfy satisfactory performance requirements). This information is also available on the Capacity Market Register.
- **Reserve for Response (RfR)** – the amount of reserve in MW that is published by the Delivery Body in the most recent electricity capacity report prior to an Auction Window for a given Delivery Year.

- **Involuntary Load Reduction (ILR)** – the volume of load shed by Distribution Network Operators in order to meet any Demand Reduction and/or Emergency Manual Disconnection Instruction and/or Emergency Manual Disconnection Instruction.
- **Load Following Capacity Obligation (LFCO)** – a capacity committed CMU's capacity obligation in MW, before adjusting for balancing services that it was providing at the time.
- **Load Following Capacity Obligation (LFCO) Multiplier** – the multiplier used to account for CMVR Registered Participants' CMUs when calculating LFCO.

A sample of the revised CVR is shown below:

Settlement Date	Settlement Period	CMU Id	AACO	PTCO	SCO	RFR	ILR	LFCO Multiplier	LFCO	ALFCO E	IOD	IUD	ACMV	AE	
01/03/2018	25	13ECMU	NULL	10.8	0	500.000	0.000	0.751382	3.917648649	3.323	0.081	0	3.242	0	0.081
01/03/2018	25	14ECMU	NULL	11.475	0	500.000	0.000	0.751382	4.162501689	3.531	1.862	0	1.669	0	1.862
01/03/2018	25	16CR05	18.834	NULL	0	500.000	0.000	0.751382	6.831943949	5.795	0	0	5.795	0	0
01/03/2018	25	16CR10	16.951	NULL	0	500.000	0.000	0.751382	6.148894652	5.216	0	0	5.216	0	0
01/03/2018	25	16CR12	5.65	NULL	0	500.000	0.000	0.751382	2.049510636	1.738	0	0	1.738	0	0

How to Provide Feedback

If you have any comments on either the [Stress Event Guide](#) or the proposed changes to the CVR, please include these in the [Feedback Form](#) and email them to CapacityMarketStressEventGuide@lowcarboncontracts.uk by 17.00 on 15 March 2019.