

# G23 – EMR Metering Systems Site Testing Selection Process

Public

## Contents

<b>Contents</b>	2
Change Amendment Record	3
1. Introduction	4
2. Purpose	4
3. Who is this document for?	4
4. Associated documents	4
5. What are the regulatory requirements?	4
6. What are the criteria for selecting sites for audit?	5
7. What is the process?	6
8. Further information?	7
9. Acronyms and Definitions	7

---

## Change Amendment Record

Version	Date	Description
1.0	26 September 2019	Go Live Version
2.0	16 September 2020	Housekeeping changes throughout document
3.0	13 January 2022	Annual review – links updated
4.0	6 March 2023	Annual review – minor errors corrected
5.0	6 June 2024	Annual Review
6.0	9 May 2025	Updates to reflect new LCCC and EMRS visual identities
7.0	8 July 2025	Annual Review
8.0	30 April 2026	Updates to reflect transfer of CfD OCP 2.1 (C) (D) and (E) Metering responsibilities to LCCC

---

## 1. Introduction

As part of the Electricity Market Reform (EMR), a metering assurance process will be applicable to anyone awarded either a Capacity Agreement in the Capacity Market (CM) or a Contracts for Difference (CfD). This includes the right to carry out a Site Audit on the Metering Systems used in EMR.

ESC and LCCC determine the selection criteria for Site Audit selection for each scheme respectively.

For the CM scheme, Electricity Settlements Company Ltd (ESC) performs the role of the CM Settlement Body and has outsourced the metering assurance process to a Management Services Provider (MSP) and EMR Settlements (EMRS) is the appointed MSP. For the CfD scheme, Low Carbon Contracts Company Ltd (LCCC) performs the role of the CfD Counterparty and carries out the metering assurance process.

---

## 2. Purpose

The purpose of this document is to provide guidance to Capacity Providers on the process of selecting Capacity Market Unit (CMU) Components for CM Site Audits. The Site Audit can be targeted or randomly selected from a category of sites based on risk profile.

For guidance on CfD Site Audits, CfD Generators should see LCCC's website<sup>1</sup>.

---

## 3. Who is this document for?

This guidance document is for use by Capacity Providers to highlight the right of ESC to carry out a Site Audit on the Metering System(s) used in EMR and how the process is managed.

---

## 4. Associated documents

Document
Electricity Capacity Regulations 2014 and all subsequent amendments <sup>2</sup>
Capacity Market Rules 2014 and all subsequent amendments <sup>3</sup>
WP196 - CM Metering Technical Assurance <sup>Error! Bookmark not defined.</sup>
WP195 - Capacity Market and CfD Metered Data <sup>Error! Bookmark not defined.</sup>

---

## 5. What are the regulatory requirements?

The right of ESC to be able to carry out a Site Audit on Metering Systems used by the CMU is defined in the Capacity Market Rules (below – from section 1.2 Definitions):

*“means a visit of the Metering Site by the CM Settlement Body during any Delivery Year to determine whether:*

*(a) the metering configuration for any Generating Unit, DSR CMU Component or Electricity Interconnector;*

*(b) meter data in relation to a Generating Unit, DSR CMU Component or Electricity Interconnector; or*

*(c) the metering configuration and meter data in relation to a Generating Unit, a DSR CMU Component or an Electricity Interconnector,*

*is compliant with the Rules”*

---

<sup>1</sup> <https://www.lowcarboncontracts.uk/>

<sup>2</sup> <http://www.legislation.gov.uk/ukxi/2014/2043/contents/made>

<sup>3</sup> <https://www.gov.uk/government/publications/capacity-market-rules>

## G23 – EMR Metering Systems Site Testing Selection Process

Where Rule 13.5.1 (below) specifies the circumstances where a Site Audit can take place:

*“A Site Audit may be carried out if:*

- (a) non-compliance is suspected by the CM Settlement Body;*
- (b) a change to a Capacity Provider’s metering configuration has occurred further to Rule 8.3.3(f)(ii)(aa);*
- (c) a Capacity Provider submits meter data directly to the CM Settlement Body; or*
- (d) an on-site check has not been conducted by the CM Settlement Body to confirm the metering configuration used by the Capacity Provider.”*

---

## 6. What are the criteria for selecting sites for audit?

ESC can select any site with a CM Agreement for a Site Audit. This can either be targeted or randomly selected.

The selection of sites for audit is taken on a risk based approach. Where the Metering System used in EMR is subject to the requirements of other codes or agreements the level of assurance and controls already in place through those arrangements are taken into account. Primarily this is the Balancing and Settlement Code (BSC) managed by BSCCo.<sup>4</sup>

The risk categories are split into three distinct areas, two of which fall under the BSC. Table 1 defines these and the relevant EMR scheme.

*Table 1 – Risk Categories.*

<b>Risk Category</b>
Central Meter Registration Service (CMRS)
Supplier Meter Registration Service (SMRS)
Non-Settlement (i.e. Non-BSC) <ul style="list-style-type: none"><li>• Capacity Market Metering Configuration Solution</li><li>• Bespoke</li><li>• Balancing Services – Short Term Operating Reserve</li><li>• Balancing Services – Frequency Control by Demand Management</li><li>• Balancing Services – Firm Frequency Response</li></ul>

The CMRS and SMRS metering options are subject to the Performance Assurance Framework (PAF) under the BSC<sup>5</sup>. With the controls and governance in place under the BSC and the assurance provided through the PAF, more focus on EMR Site Audits is placed on the non-Settlement risk category.

Where a BSC Metering System is used but data is submitted through a non-Settlement process; that Metering System will be considered to be part of the non-Settlement risk category. More information on this can be found in WP195 – Capacity Market and CfD Metered Data.

In the CM for each Delivery Year; ESC will determine the sites to be randomly selected from each of the risk categories. ESC will also select any site for a targeted audit irrelevant of the risk category it falls under, this can be based on any other risk criteria as determined by ESC.

The random selection criteria can be, but is not limited to, selecting CMUs from a Capacity Provider’s portfolio or from the total population with Agreements in the relevant Delivery Year.

---

<sup>4</sup> <https://www.elexon.co.uk/bsc-and-codes/balancing-settlement-code/>

<sup>5</sup> <https://www.elexon.co.uk/reference/performance-assurance/>

## 7. What is the process?

Where ESC has targeted a CMU (or CMU Component) for a Site Audit, there will be no selection process and WP196 – CM Metering Technical Assurance is followed.

The process to determine the selection criteria and volumes of CMU Components to test as part of the annual random selection process for the Capacity Market for a Delivery Year is shown in Figure 1 below.

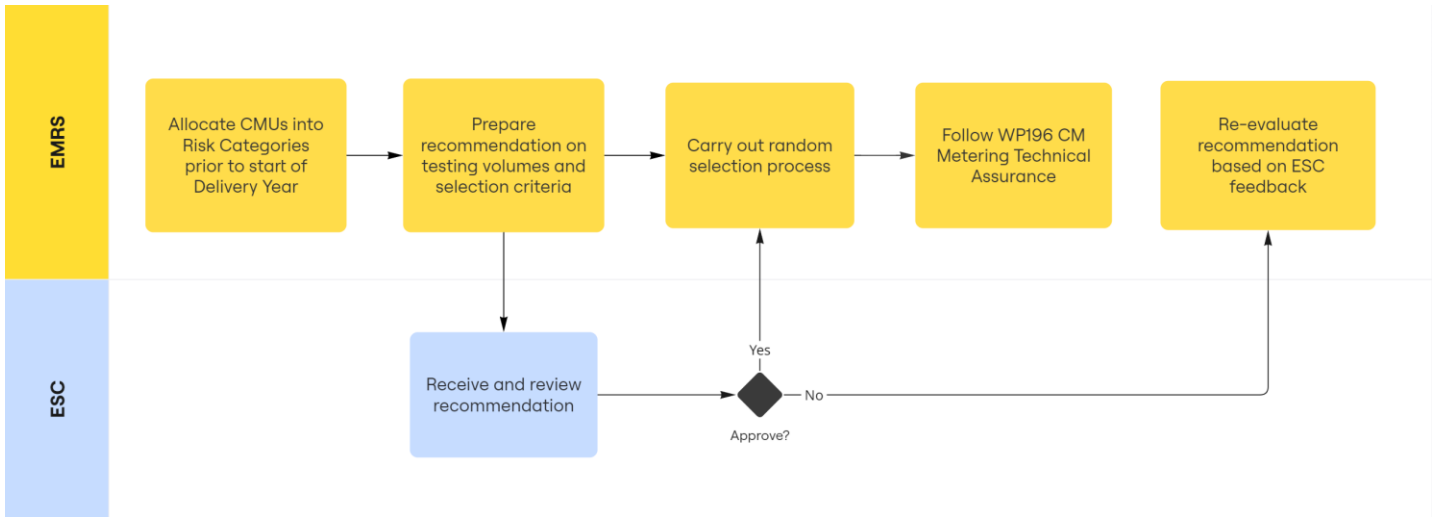


Figure 1: Random site selection process for a Capacity Market Delivery Year.

Where ESC send criteria for random selection, the process will be the same. This is shown in Figure 2 below:

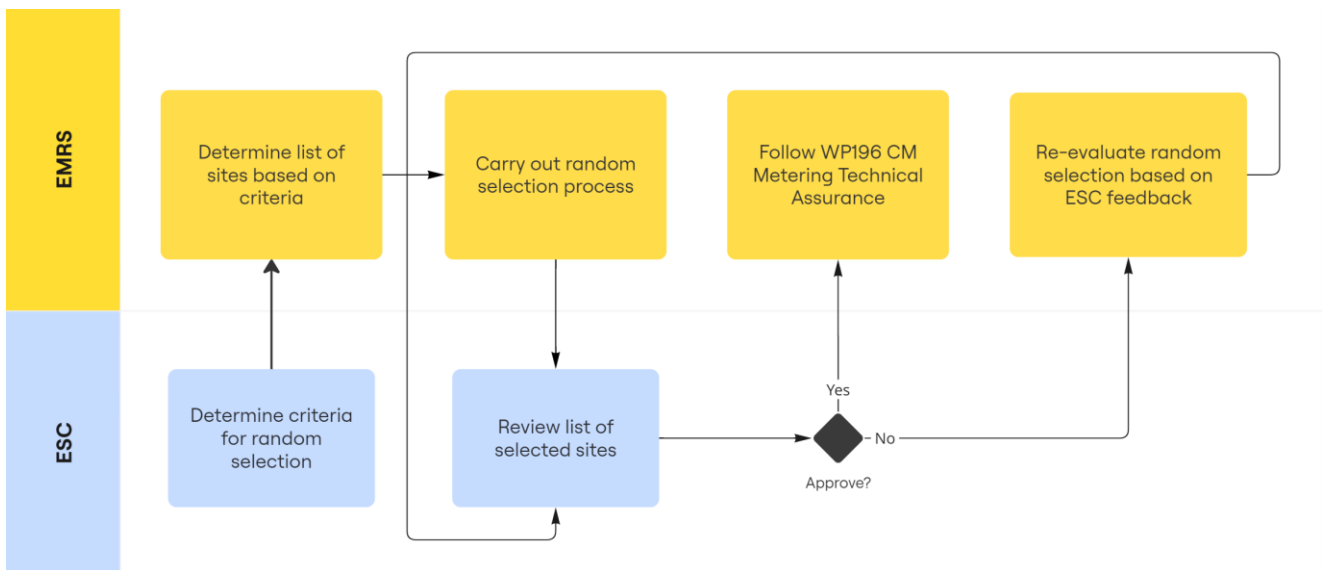


Figure 2: Site selection process for random selection for ESC criteria.

## 8. Further information?

For more information, please visit our website <https://www.emrsettlement.co.uk/> or email us at [contact@emrsettlement.co.uk](mailto:contact@emrsettlement.co.uk).

---

## 9. Acronyms and Definitions

A list of acronyms and definitions can be found on our website.<sup>6</sup>

---

<sup>6</sup> <https://www.emrsettlement.co.uk/glossary/>