

CP Assessment Report

CP1422 'Add a DMP for an Offshore Transmission Connection Point to the HH Codes of Practice'

ELEXON



Committee

Supplier Volume Allocation Group

Recommendation

Approve

Implementation Date

26 February 2015
(February 2015 Release)



Any questions?

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About This Document

This document is the Change Proposal (CP) Assessment Report for CP1422 which ELEXON will present to the Supplier Volume Allocation Group (SVG) at its meeting on 2 December 2014. The SVG will consider the proposed solution and the responses received to the CP Consultation before making a decision on whether to approve CP1422.

There are three parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, and proposed implementation approach. It also summarises the Imbalance Settlement Group (ISG)'s initial views on the proposed changes and the views of respondents to the CP Consultation.
- Attachments A - E contain the proposed redlined changes to deliver the CP1422 solution.
- Attachment F contains the full responses received to the CP Consultation.

1 Why Change?

Background

[BSC Section L 'Metering'](#) requires Metering Equipment to comply with the relevant metering [Code of Practice](#) (CoP) or with a Metering Dispensation.

As well as defining the accuracy class of individual items of Metering Equipment, the CoPs also define the points at which measurement of electricity is required and the limits of overall accuracy of measurement required at these points. These points of measurement are called the Defined Metering Points (DMPs) and are set out in Appendix A of the Half Hourly (HH) CoPs (CoPs 1, 2, 3, 5 and 10).

Metering Equipment cannot always be installed at the DMP for practical or financial reasons. Where the Actual Metering Point (AMP) does not coincide with the DMP, a Metering Dispensation needs to be approved and compensation for electrical losses to the DMP, in power transformers and/or lines, need to be accounted for. Such compensation needs to be implemented either in the Meter or in the Data Collector's system (e.g. via an Aggregation Rule for Central Volume Allocation (CVA) registered Metering Systems).

The Metering Dispensation process is set out in [BSC Procedure \(BSCP\) 32 'Metering Dispersations'](#). The BSC Panel has delegated responsibility for the CoP documents and corresponding Metering Dispersations to the ISG (for CoPs 1-4) and the Supplier Volume Allocation Group (SVG) (for CoPs 3-10). The ISG and SVG therefore have joint responsibility for CoPs 3 and 4.

What is the issue?

The implementation of the arrangements for Offshore Transmission Systems (OTS) and Offshore Transmission System User Assets (OTSUA) under [Other Regulatory Decision \(ORD\) 003 'Offshore Transmission Changes to the BSC'](#) introduced the term 'Offshore Transmission Connection Point' (OTCP) into the BSC. This is defined as the point at which the OTS or OTSUA is connected to a Distribution System.¹

An OTCP is a form of Grid Supply Point (GSP).² However the DMP described in the CoPs for a GSP is not appropriate for this type of connection, as the description talks about supergrid connected transformers which OTS or OTSUA do not have. It is therefore not clear where the DMP for an OTCP is. It is not possible to seek a Metering Dispensation from a CoP requirement, e.g. where the AMP is not at the DMP, as no DMP currently defined for OTCP. We therefore believe and propose that a new DMP definition in relation to OTCP should be added in the CoPs.

The issue identified above only affects CVA registered Metering Systems as the proposed DMP relates to Metering Systems that must be registered as CVA Metering Systems in the Central Meter Registration Service (CMRS).

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¹ The BSC's definition of Offshore Transmission System includes OTSUA.

² See the BSC's definition of GSP in Annex X-1: "means a Systems Connection Point at which the Transmission System is connected to a Distribution System and includes an Offshore Transmission Connection Point".

2 Solution

Proposed solution

A new DMP is required in Appendix A of each HH CoP (CoP1, CoP2, CoP3, CoP5 and CoP10) to cover OTCs. This will ensure that it is clear where the DMP is for such connections, meaning that a Metering Dispensation from any of these CoPs could be sought where the AMP is not at the DMP.

3 Impacts and Costs

Central impacts and costs

CP1422 will require updates to CoP1, CoP2, CoP3, CoP5 and CoP10 to implement the proposed solution. As the ISG and SVG jointly own CoPs 3 and 4, we are bringing the CP to both Committees for approval even though the issue and solution only affect CVA registered Metering Systems. We will seek the ISG's approval at its meeting on 25 November 2014 and will update you verbally on the ISG's decision.

No system changes will be required for this CP.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">• CoP1• CoP2• CoP3• CoP5• CoP10	<i>None</i>

The central implementation costs for CP1422 will be approximately £240 (1 man day) for ELEXON to implement the relevant document changes. There are no BSC Agent costs or impacts.

BSC Party and Party Agent impacts

We do not expect any cost for BSC Parties or Party Agents to implement CP1422 as this CP seeks only to add a new definition into the relevant CoPs. All the respondents agree that there will be no cost for them to implement CP1422.

The Transmission Company believes that it would be positively impacted by CP1422, which makes it easier for Metering Equipment associated with a number of Offshore wind farms to be compliant with the BSC requirements. Other respondents confirm that there will be no impact on them to implement the CP.

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4 Implementation Approach

Recommended Implementation Date

CP1422 is proposed for implementation on **26 February 2015** as part of the February 2015 BSC Systems Release.

ELEXON considers that a change to the definition of DMPs should be made as soon as possible, to provide clarity and enable Metering Dispensations to be raised where the AMP is not at the DMP in relation to OTCs. The February 2015 Release is the earliest Release in which this CP could be implemented.

All consultation respondents agree with the implementation approach for CP1422.

5 Initial Committee Views

ISG's initial views

The ISG considered CP1422 at its meeting on 23 September 2014 ([ISG161/05](#)).

The ISG questioned the relationship between CP1422 and [Issue 54 'Discrepancies between the points of measurement required in the BSC and the CoPs and the physical points of connection'](#). ELEXON advised that CP1422 is being progressed ahead of any Issue 54 CPs, which have not yet been raised, as this issue needs to be addressed quicker. The ISG agreed that the current CoPs should be changed to include the proposed additional DMP.

6 Industry Views

This section summarises the responses received to the CP Consultation. You can find the full responses in Attachment F.

Summary of CP1422 CP Consultation Responses				
Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1422 proposed solution?	6	0	0	0
Do you agree that the draft redlining delivers the intent of CP1422?	6	0	0	0
Will CP1422 impact your organisation?	1	5	0	0
Will your organisation incur any costs in implementing CP1422?	0	6	0	0
Do you agree with the proposed implementation approach for CP1422?	6	0	0	0
Do you have any further comments on CP1422?	0	6	0	0

Comments on the proposed solution

All respondents agree with the proposed solution for CP1422.

The Transmission Company believes that the CP will make it easier for Metering Equipment associated with a number of Offshore wind farms to be compliant with the BSC requirements.

One respondent comments that the CP ensures that all Parties operate in the same manner with respect to OTCPs.

One respondent comments that Offshore Transmission Network Connections require a clear definition of DMPs in order to plan and design appropriate provisions for physical locations of onsite metering units.

Comments on the proposed redlining

All respondents agreed with the proposed redlined changes to CoP1, CoP2, CoP3, CoP5 and CoP10 to implement CP1422 and did not provide any further comments.

7 Recommendations

We invite you to:

- **APPROVE** the proposed changes to CoP3, CoP5 and CoP10 for CP1422;
- **NOTE** that we will seek the ISG's approval of the changes to CoP1, CoP2, CoP3 and CoP4 at its meeting on 25 November 2014; and
- **APPROVE** CP1422 for implementation on 26 February 2015 as part of the February 2015 BSC Systems Release.

Appendix 1: Glossary & References

Acronyms

Acronyms used in this document are listed in the table below.

Glossary of Defined Terms	
Acronym	Definition
AMP	Actual Metering Point
BSCP	Balancing and Settlement Code Procedure (<i>document</i>)
CMRS	Central Meter Registration Service
CoP	Code of Practice
CP	Change Proposal
CVA	Central Volume Allocation
DMP	Defined Metering Point
GSP	Grid Supply Point
HH	Half Hourly
ISG	Imbalance Settlement Group (<i>Panel Committee</i>)
ORD	Other Regulatory Decision
OTCP	Offshore Transmission Connection Point
OTS	Offshore Transmission System
OTSUA	Offshore Transmission System User Assets
SCP	System Connection Point
SVG	Supplier Volume Allocation Group (<i>Panel Committee</i>)

External links

A summary of all hyperlinks used in this document are listed in the table below.

All external documents and URL links listed are correct as of the date of this document.

External Links		
Page(s)	Description	URL
2	BSC Sections page on the ELEXON website (Section L)	http://www.elexon.co.uk/bsc-related-documents/balancing-settlement-code/bsc-sections/
2	Codes of Practice page on the ELEXON website	http://www.elexon.co.uk/bsc-related-documents/related-documents/codes-of-practice/
2	BSCPs page on the ELEXON website (BSCP32)	http://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/
2	ORD003 page on the ELEXON website	http://www.elexon.co.uk/ord/ord003-offshore-transmission-changes-to-bsc/

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External Links

Page(s)	Description	URL
4	ISG161 page on the ELEXON website	http://www.elexon.co.uk/meeting/isg-161/
4	Issue 54 page on the ELEXON website	http://www.elexon.co.uk/smg-issue/issue-54/

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