

BSCP32/4.1 Application for a Metering Dispensation

Part A – Applicant Details

To: BSCCo	Date Sent: 20 December 2021
From: Requesting Applicant Details	
Name of Sender: Christopher Day	
Contact email address: metering@elxon.co.uk	
Contact Tel. No. 07917 471366 _____	Contact Fax. No. _____
Name of Applicant Company: Elexon _____	
Address: 350 Euston Road, London,	
Post Code: NW1 3AW	Our Ref: D/535
Name of Authorised Signatory: _____	
Authorised Signature: C Day	Password: _____

Confidentiality:

Does any part of this application form contain confidential information?

Request for Confidentiality ~~YES~~/NO*

**Delete as applicable*

If 'YES', please state the parts of the application form that are considered confidential, including justification below. Information that is considered confidential:

Reasons for requesting confidentiality:

.....
 number, site name, expiry date (if any) and BSC Panel determinations will routinely be made available in the public domain unless the applicant informs BSCCo otherwise at the time of application

BSCP32/4.1 Application for a Metering Dispensation (Cont.)**Part B - Affected Party Details**

Number of Affected parties _____¹

Does this Metering Dispensation affect the metering arrangements for a generator that has applied for/obtained a CFD Agreement? Yes No

If Yes, you must contact the Low Carbon Contracts Company and advise them of your Metering Dispensation application and include them as an Affected Party.

Have you notified all Affected Parties? Yes No

Contact Name at Affected party:	
Contact email address:	
Contact Tel. No.	Contact Tel. No.
Company Name of Affected party:	
Address:	
Post Code:	

¹ For more than one Affected party, Part B should be completed for each, using additional copies of Part B as required.

BSCP32/4.1 Application for a Metering Dispensation (Cont.)**Part C – Reason for Application**

If the application is an extension or update for an existing Metering Dispensation, enter existing ref: D/.....

Generic

**Delete as applicable.*

Describe why you require a Metering Dispensation. Include any steps you propose to limit the impact on Settlement and other Registrants:

[CP1527](#)

CP1527 proposes the following changes:

- Increase the minimum data storage capacity for Settlement Outstations to 90 days per Outstation channel, at 30 minutes integration periods, for CoPs 1, 2, 3, 5 and 10; and
- Mandate specific, selectable, integration periods for CoPs 3, 5, and 10 (i.e. 30, 20, 15, 10 and 5 minutes) and add a test for this requirement (and for CoPs 1 and 2) into BSCP601.

CP1527 was approved by the ISG and SVG at their meetings on 7 July 2020 for an implementation date of 30 June 2022.

[Issue 97](#)

Issue 97 - Meter shortage risk driven by global materials availability and supply chain challenges was raised on 20 August 2021.

Due to a global shortage of materials and the on-going impacts of COVID-19 on global supply chains, there is a shortage of semi-conductors, among other crucial components, which impacts the ability of Meter manufacturers to produce Meters with integral Outstations. Any reference to Meter within this application will be taken to mean Meter with integral Outstations.

This is impacting on the availability of various types of electricity Meters including those required for Settlement under the BSC. This shortage of Settlement Meters could impact on a number of Balancing and Settlement Code (BSC) processes. This issue is also impacting the availability of Current Transformer (CT) operated metering, which has the highest potential for material impact (due to usually being installed at higher consumption/higher voltage sites).

Under Issue 97 Elexon has conducted a Request For Information (RFI) to understand the immediate, short-term, medium term and potential long term impacts of the Meter shortage. The responses are included as an attachment to this Metering Dispensation but forecast an increasing impact on processes under the BSC for the next three to 12 months; particularly among Meter manufacturers and Meter Operators.

Given the current Meter shortage issues and the ongoing struggles with obtaining crucial components for the manufacture of new Meters, a number of Meter manufacturers have expressed concerns that they will not be able to produce Meters compliant to the new requirements within the CoPs (CoPs 1, 2, 3, 5 and 10) due to be implemented via CP1527 in June 2022.

This Metering Dispensation proposes to allow the installation of Meters to the pre CP1527 Issue and Version of the CoPs (CoPs 1, 2, 3, 5 and 10) for a period of 18 months. As CP1527 will still be implemented in June 2022, this will in effect create a transition period whereby MOAs will be able to use up old stock and stock that they may have ordered to the pre CP1527 Issue and Version of the CoPs but also allows MOAs to install Meters compliant with the latest Issue and Version of the CoPs, post June 2022, when they become available.

For the avoidance of doubt this Metering Dispensation only applies to the relevant Sections of the CoPs impacted by CP1527. This Metering Dispensation does not exempt Metering Systems from compliance to any future updates to the relevant CoPs outside of the scope of CP1527.

Period of Metering Dispensation required

~~Lifetime~~ / Temporary* *Delete as applicable.

If temporary, indicate for how long the Metering Dispensation is required.	18 Months
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Provide justified reasoning for the period of Metering Dispensation requested in the box below:

Rationale for duration of Metering Dispensation:

To allow supply chains and component availability to stabilise.

Part D1 - Loss Adjustments for Power Transformer and/or Cable/Line Losses

Where loss adjustments are proposed and applied (or are to be applied) to the Metering System for power transformer and/or cable/line losses, provide the following information:

Describe how do you propose to correct the Metering System to account for the losses of this power transformer?

N/A

In order to validate the loss adjustments applied (or to be applied) to the Metering System please provide the following information together with supporting data (e.g. power transformer test certificates):

What are the iron losses for this power transformer?

What are the copper losses for this power transformer?

Are there any other losses that have been taken into account? Yes/No*. If Yes what are they?

Demonstrate how these elements of loss have been used in the corrections to the Metering System.

*Delete as applicable.

Describe how do you propose to correct the Metering System to account for the losses of the power cable/line?

N/A

In order to validate the loss adjustments applied (or to be applied) to the Metering System please provide the following information together with supporting data (e.g. cable/line manufacturer's data sheet):

What is the type of power cable/line?

What is the length of this power cable/line?

What is the DC resistance of this power cable/line?

What is the impedance of this power cable/line?

What is the capacitance of this power cable/line?

Are there any other losses that have been taken into account? Yes/No*. If Yes what are they?

Demonstrate how these elements of loss have been used in the corrections to the Metering System.

*Delete as applicable.

Materiality

Please complete the following:

What is the cost of providing compliant Metering Equipment?	What does this cost entail?
N/A	N/A
What is the cost of the proposed solution?	What does this cost entail?
N/A	N/A
What is the impact to Settlement of your proposed solution?	Why?
This Metering Dispensation will have the effect of delaying the benefits of CP1527 being achieved from June 2022. However, it does not prevent Meters being installed that do comply with CP1527 from June 2022 when they become available. Elexon does not foresee any significant risk to Settlement in the raising of this Metering Dispensation.	
What is the impact to other Registrants of your proposed solution?	Why?
N/A	N/A

Site Details (for Site Specific Metering Dispensation)

Site Name:	
Site Address:	
MSID(s):	
Registered in: CMRS / SMRS*: *Delete as applicable.	
For SMRS, please advise of SMRA in space provided.	

Manufacturer Details (for Generic Metering Dispensation)

Manufacturer Name:	Any manufacturer whose Outstation complies with the Issue and version of CoPs 1, 2, 3, 5 or 10 applicable immediately prior to 30 June 2022 (the CP1527 Implementation Date).
Metering Equipment Details:	Any Outstation that complies with the Issue and version of CoPs 1, 2, 3, 5 or 10 applicable immediately prior to 30 June 2022 (the CP1527 Implementation Date)).

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Part D - Technical Details**Code of Practice details**

Metering Dispensation against Code of Practice*	Any future Issue and Version of the below CoPs until 30 December 2023 CoP1 Issue 2 (version 13) CoP2 Issue 4 (version 15) CoP3 Issue 5 (version 15) CoP5 Issue 6 (version 16) CoP10 Issue 2 (version 12)
Issue of Code of Practice*:	See above.
Capacity of Metering Circuits/Site Maximum Demand (MW/MVA):	As permitted under the applicable Issue (and version) of the relevant CoP.
(Proposed) Commissioning Date of Metering:	Prior to 30 December 2023 (June 2022 plus 18 months)
Accuracy at Defined Metering Point:	As per the applicable Issue (and version) of the relevant CoP.
Accuracy of Proposed Solution (including loss adjustments):	As per the applicable Issue (and version) of the relevant CoP.
Outstanding non-compliances on Metering Systems:	N/A
Deviations from the Code of Practice (reference to appropriate clause):	5.5 – Outstation (CoPs 3, 5 and 10 only - provision of specific selectable integration periods). 5.5.1 (i) (CoPs 1 and 2) – Data Storage (Storage capacity for all Demand Values) 5.5.1 (ii) (CoPs 3, 5 and 10) – Data Storage (Storage capacity for all Demand Values)

* insert Code of Practice number and issue

Any Other Technical Information

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Declaration

We declare that other than as set out above we are in all other respects, in compliance with the requirements of the relevant Code of Practice and the BSC. A schematic is attached to this application for clarification of the metering points involved.

Signature: *Date:*

Password:

Duly authorised for and on behalf of Applicant Company

Confirmation of Receipt and Reference

BSCCo acknowledges receipt of this document and has assigned the reference number as indicated on the first page.

Signature: C Day *Date:*... 17 December 2021

Duly authorised for and on behalf of BSCCo