

BSCP32/4.1 Application for a Metering Dispensation

Part A – Applicant Details

To: BSCCo	Date Sent: _____
From: Requesting Applicant Details	
Name of Sender:	
Contact email address:	
Contact Tel. No.	Contact Fax. No. N/A _____
Name of Applicant Company: Seagreen Wind Energy Limited	
Address: SSE	
1 Waterloo Street	
Glasgow	
Post Code: G2 6AY _____ Our Ref: SWEL/MetDisp/LVDC _____	
Name of Authorised Signatory:	
Authorised Signature:	Password:
_____	_____

Confidentiality:

Does any part of this application form contain confidential information?

Request for Confidentiality **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 1¹

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: Low Carbon Contracts Company	
Address: 10 South Colonnade	
Canary Wharf	
London	
Post Code: E14 4PU	

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:

LVDC metering is required on this site for supplies across some Boundary Points between the OTSUA / OTS assets and Generator assets. LVDC metering is not allowed for as standard in the BSC. The components used in each case will be a Hall effect current transducer (Powertek CTH/100A/4-20/TH/9-36V dc Type 2) and a DC meter (ACCUENERGY AcuDC 243-300V-A2-P1-X4-C-ND) providing pulses to a CoP approved outstation which has had its protocol approved for use with the CDCA's data collection system.

Due to the meters being DC, calibration will not fully comply with the requirements of CoP4.

The Metering Dispensation does not need to be generic, but we are happy for it to be, as long as this does not introduce any delay.

Period of Metering Dispensation required

Lifetime

**Delete as applicable.*

If temporary, indicate for how long the Metering Dispensation is required.	-
--	---

Provide justified reasoning for the period of Metering Dispensation requested in the box below:

Rationale for duration of Metering Dispensation:

The Metering Dispensation is required because LVDC supplies need to be metered at some Boundary Points between OTSUA / OTS and Generator assets, and LVDC metering is not allowed for as standard in the BSC. This is based on the design of the site which will not change, therefore the Metering Dispensation will be required for the lifetime of the site.

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?

N/A

What are the copper losses for this power transformer?

N/A

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

N/A

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

N/A

*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):

N/A

What is the type of power cable/line?

N/A

What is the length of this power cable/line?

N/A

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

N/A

What is the impedance of this power cable/line?

N/A

What is the capacitance of this power cable/line?

N/A

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

N/A

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

N/A

*Delete as applicable.

Materiality

Please complete the following:

What is the cost of providing compliant Metering Equipment?	What does this cost entail?
It is not possible as the metering needs to be DC.	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?
None	Settlement can occur as normal.
What is the impact to other Registrants of your proposed solution?	Why?
New Generic Metering Dispensation available to them.	This new Generic Metering Dispensation will be available for other Registrants to use if required.

Site Details (for Site Specific Metering Dispensation)

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

Manufacturer Details (for Generic Metering Dispensation)

Manufacturer Name:	Powertek (Hall effect current transducer) / ACCUENERGY (DC meter)
Metering Equipment Details:	CTH/100A/4-20/TH/9-36V dc Type 2 (Hall effect current transducer) / AcuDC 243-300V-A2-P1-X4-C-ND (DC meter)

BSCP32/4.1 Application for a Metering Dispensation (Cont.)

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

Metering Dispensation against Code of Practice*	5 and 4
Issue of Code of Practice*:	6 (CoP5) and 6 (CoP4)
Capacity of Metering Circuits/Site Maximum Demand (MW/MVA):	Site Maximum Demand: 0.0117MW
(Proposed) Commissioning Date of Metering:	19/12/2021
Accuracy at Defined Metering Point:	±0.5% (transducer), ±0.5% (meter)
Accuracy of Proposed Solution (including loss adjustments):	±0.5% (transducer), ±0.5% (meter)
Outstanding non-compliances on Metering Systems:	None apart from those described in this form.
Deviations from the Code of Practice (reference to appropriate clause):	All relevant clauses (CoP5) / 5.1 to 5.4 (CoP4)

* insert Code of Practice number and issue

Any Other Technical Information

None

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: M Smith.....

Date: 7 December 2021

Duly authorised for and on behalf of BSCCo