

Change Proposal – BSCP40/02	CP No: 1260 Version No: 1.0 (mandatory by BSCCo)
Title (mandatory by originator) Meter Investigation Process where a Site is Capable of Exporting (microgeneration)	
Description of Problem/Issue (mandatory by originator) The purpose of this CP is to ensure that Suppliers are aware when an Import Meter is at risk of capturing Export energy (i.e. when microgeneration will be or has been installed on a site) and to create a process for checking (and if necessary, replacing) the Import metering. <u>There is no requirement to fit an Export Meter.</u> <u>Background - P213</u> P213 ‘Facilitating Microgeneration’¹ ‘Optional Single MPAN’ was raised by E.ON on 27 April 2007. The P213 Modification Group noted in their Assessment Report that a review of the current processes might be useful to understand if there are any Settlement process issues that are preventing a greater take up of the microgeneration solution introduced by P081 ‘Removal of the requirement for Half Hourly Metering for Third Party Generators at Domestic Premises’. The Panel requested that the Supplier Volume Allocation Group (SVG) raise a CP issue to consider whether any changes could be made to improve the current microgeneration Settlement processes in the Code Subsidiary Documents (CSDs). <u>Background – BSCP40 Issue 002</u> The BSCP40 issue 002 (Review of Microgeneration Processes in the Code Subsidiary Documents) group met twice, considered the microgeneration processes and recommended the following changes be made: • When informed of the installation of microgeneration, the Licensed Distribution System Operator (LDSO) should inform the Import Supplier that the respective site is capable of Exporting. <i>This change has been progressed separately as CP1259 ‘Distributor-Supplier Notification where a Site is Capable of Exporting (microgeneration)’.</i> Please see the ‘Version History’ below for more information; and • The Import Supplier and Meter Operator will investigate whether the relevant Meter can accurately record Import energy separately to any Export energy (e.g. is fitted with a backstop²) and, where applicable, replace the Meter with one that can accurately record Import energy separately to any Export energy.	

¹ The term ‘microgeneration’ is not a BSC defined term and references within the CSDs use the term ‘Small Scale Third Party Generation Plant’ (SSTPGP).

² A backstop is an anti reverse mechanism to prevent electromechanical Meters from running backwards, thereby enabling the Meter to deal with reverse energy flow if Export was greater than Import at a particular site i.e. the Meter does not run backwards

Proposed Solution *(mandatory by originator)*

This solution has been developed with the aim of documenting a Meter investigation process where microgeneration **has been or will be** installed at a site.

It consists of the following:

- (a) On becoming aware that microgeneration equipment has been or will be installed, the Import Supplier sends a D0001 'Request Metering System Investigation' flow to the Meter Operator to investigate/confirm whether the Import Meter requires a backstop or replacing within 10 Working Days (WD). The D0001 will also provide the MOA with details of the action required should the Meter be unable to measure Import energy separately to Export energy (e.g. install a backstop or replace the Meter).
- (b) The Meter Operator subsequently investigates whether the Meter is capable of accurately reading Import energy separately to any Export energy and where appropriate replaces the Meter. The Meter Operator responds to the Import Supplier within 10 WD with a D0002³ flow to confirm the results of the investigation. A D0149⁴ and D0150⁵ will also be sent at the same time if the Meter has been replaced.

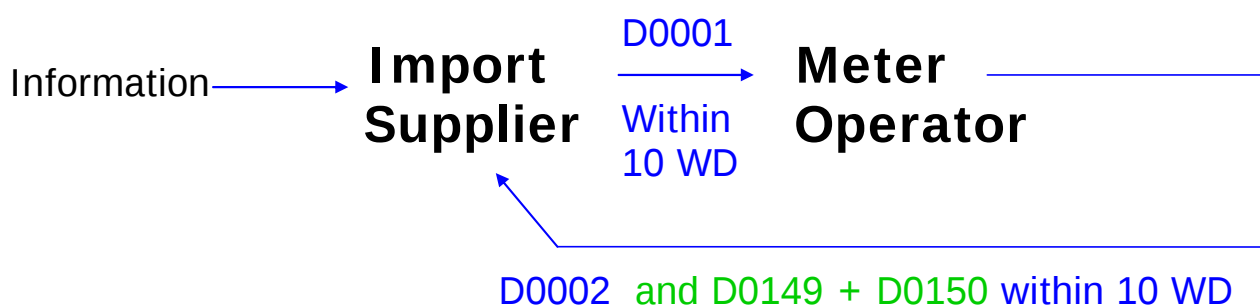


Figure 1(above): illustrates the model as proposed by CP1260.

Justification for Change *(mandatory by originator)*

This will add transparency to the process of microgeneration installation by clearly labelling the instruction to the Meter Operator when Meters are being checked to ensure the Import Meter can accurately capture Import energy separately to any Export energy. The Meter Operator will be given a clear instruction of what to do if a change to the metering is required.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? *(mandatory by originator)*

Yes, this change does better facilitate the requirement set out in Section K1.2.1 of the BSC.

Estimated Implementation Costs *(mandatory by BSCCo)*

The estimated ELEXON implementation cost is 2 man days, which equates to £440.

Configurable Items Affected by Proposed Solution(s) *(mandatory by originator)*

BSCP514 'SVA Meter Operations for Metering Systems registered in the SMRS'.

³ D0002 'Fault Resolution Report or Request for Decision on Further Action'

⁴ D0149 'Notification of Mapping Details'

⁵ D0150 'Non Half Hourly Meter Technical Details'

Impact on Core Industry Documents or System Operator-Transmission Owner Code (mandatory by originator)
None

Related Changes and/or Projects (mandatory by BSCCo)

CP1259 'Distributor-Supplier Notification where a Site is Capable of Exporting (microgeneration)' (CP1260 is a standalone solution and is not dependent on CP1259 being approved).

Please note that a separate Master Registration Agreement (MRA) change will be raised, which seeks to amend the D0001 flow. The amendment consists of an additional field in the 'J0024 – Site Visit Check Code' data item which will highlight that the site is capable of Exporting. In the absence of this MRA change the LDSO would be required to use the 'Additional Information' field to provide the required details. This change is required for both CP1259 and CP1260.

Requested Implementation Date (mandatory by originator)

November 2009

Reason:

Next available release.

Version History (mandatory by BSCCo)

This change was suggested as part of the consideration of BSCP40 issue 002.

This CP originated from Part 2 (Option 3) of the solution that was proposed in DCP0030 (i.e. the Import Supplier requesting the Meter Operator to investigate and if applicable replace the meter with one that can accurately record Import energy separately to any Export energy). The two parts of DCP0030 have been split into two separate CPs to ensure respondent's views can be clearly visible against each aspect of the suggested changes.

Prior to this CP, this suggested change was issued as version 2.0 of DCP0030 via the [CPC00638](#), version 1.0 of DCP0030 was issued for impact assessment via [CPC00631](#).

The responses received to both impact assessments are available on the [DCP0030 page of the ELEXON website](#). Three options were provided in version 2.0 of DCP0030. The majority of respondents preferred option 3 and therefore this has been developed further to create this CP.

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Attachments: Yes

CP1260 Attachment A: The addition of a new section '6.3.5' into BSCP514 'SVA Meter operations for Metering Systems registered in the SMRS' Section 6.3 (1 page)