

## Change Proposal – BSCP40/01

CP No: 1185

Version No: 1.0

### **Title** *(mandatory by originator)*

Allowing a Reading to be Deemed where an Actual Reading is Unavailable on a Change of Standard Settlement Configuration.

### **Description of Problem/Issue** *(mandatory by originator)*

Deemed reads are being calculated by Non-Half Hourly Data Collectors (NHHDCs) in circumstances other than those specified by the BSC. This was first raised as an audit issue in March 2004. Modification P176 'Clarification of the Requirements for Estimation/Deeming of Meter Readings/Advances in Certain Circumstances to Facilitate Correction of Anomalies in Settlement Consumption' was raised to change the permissible circumstances where a reading may be deemed and so to rectify the issue. This made changes to the BSC and BSCP504 and was implemented in the November 2005 release.

This Modification introduced into BSCP504 'Non-Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' a number of circumstances where deeming is allowable. One circumstance which is not explicitly stated as an allowable deeming circumstance is change of Standard Settlement Configuration (SSC).

BSCP504 3.3.7 'Reconfigure or Replace SVA Metering System – No Change of Measurement Class' allows a reading to be deemed in the event that a valid actual reading is unobtainable. BSCP504 3.3.6 'Change of Standard Settlement Configuration' does not include the steps for deeming a Meter reading where a valid actual Meter reading is unavailable. A change of SSC cannot normally be effected without reconfiguring the Metering System (e.g. changing the clock or reconfiguring the registers) or replacing the Meter, and so in reality, section 3.3.6 and 3.3.7 are often both completed where a change of SSC occurs. This being the case, it is suggested that deeming should be explicitly allowable on a change of SSC (even where this does not involve a reconfiguration or replacement of the Metering System).

It is therefore suggested that a change is made to BSCP 504 section 3.3.6 to allow change of SSC to be a permitted deeming scenario. This would also ensure consistency between section 3.3.6 and 3.3.7.

### **Proposed Solution(s)** *(mandatory by originator)*

Changes to BSCP504 should be made to allow a reading to be deemed following a change of SSC. This would involve including a section on 'Change of Standard Settlement Configuration' in Appendix 4.5, section 4.5.2 'Deeming Circumstances' detailing the process and circumstances for deeming on a change of SSC. This would be based on the similar section 4.5.2 f) 'Reconfiguration or Replacement of a Metering System'. Changes would also be needed in section 3.3.6 'Change of Standard Settlement Configuration' in the form of extra actions to be added after 3.3.6.9 similar to those actions in place for other permitted deeming circumstances, i.e. attempting to obtain an actual Meter reading from any available sources prior to a Meter reading being deemed. Suggested redlined changes are included in the appendix to this Change Proposal.

It should be noted that a reading should not be deemed for a change of SSC date which is prior to the Implementation Date of this CP.

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<b>Justification for Change</b> <i>(mandatory by originator)</i>	
<p>An Annualised Advance (AA) cannot be calculated by the EAC/AA system if the Meter Advance Period (MAP) spans a change of SSC. Also the Non-Half Hourly Data Aggregator (NHHDA) cannot accept an AA where the MAP spans a change of SSC. Therefore if there is no validated reading available on change of SSC, no AA can be processed for the period prior to the change. Depending on the NHHDC software used this may also prevent any subsequent consumption being processed for the Metering System.</p> <p>If a reading is allowed to be deemed on a change of SSC this will mean NHHDCs will be able to calculate AAs for the period up to the change of SSC and between the SSC and the first subsequent Meter reading taken. Allowing deeming on a change of SSC to be permissible is entirely consistent with other circumstances in which deeming is allowable.</p> <p>Allowing NHHDCs to deem a Meter reading on a change of SSC should also resolve the BSC Audit issue in this area at minimal cost given that the change legitimizes current practice and adds clarity.</p>	
<b>Is the Change being proposed a Housekeeping Change?</b> <i>(optional by originator)</i>	
No <sup>1</sup>	
<b>Configurable Items Potentially Affected by Proposed Solution(s)</b> <i>(optional by originator)</i>	
BSCP504 'Non-Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'	
<b>Impact on Core Industry Documents or System Operator-Transmission Owner Code</b> <i>(optional by originator)</i>	
None identified	
<b>Related Changes and/or Projects</b> <i>(mandatory by BSCCo)</i>	
None identified	
<b>Requested Implementation Date</b> <i>(mandatory by originator)</i>	
The next appropriate release	
<b>Reason:</b>	
<b>Agreed Release/Implementation Date</b> <i>(mandatory by BSCCo)</i>	

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<sup>1</sup> The relevant Panel Committee will decide whether a Change Proposal can be progressed as a Housekeeping Change Proposal.

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<b>Originator's Details:</b>	
<b>BCA Name</b>	
<b>Organisation ELEXON</b>	
<b>Email Address ccc@elexon.co.uk</b>	
<b>Date 8 December 2006</b>	
Attachments: No	

### Appendix

Suggested additions to BSCP504:

3.3.6: Change of Standard Settlement Configuration

<u>REF</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
<u>3.3.6.10</u>	<u>If no Meter register reading received within 10WD of change of SSC and initial and/or final reading required</u>	<u>Request initial and/or final Meter register reading</u>	<u>NHHDC</u>	<u>MOA, Supplier</u>		<u>Post/fax/email</u>
<u>3.3.6.11</u>	<u>Within 10WD of receipt of request for initial and/or final Meter Register reading</u>	<u>Send initial and/or final Meter register reading</u>	<u>MOA, Supplier</u>	<u>NHHDC</u>	<u>D0010 Meter Readings</u>	<u>Electronic or other method as agreed</u>
<u>3.3.6.12</u>	<u>If required 10WD after 3.3.6.11, if no valid final Meter register reading received</u>	<u>Deem final Meter register reading and calculate associated EAC / AA(s)</u>	<u>NHHDC</u>		<u>Appendix 4.5 – Deemed Meter Advance Refer to section 3.3.11 Calculate AA/EAC Values and send to NHHDA and Supplier.</u>	<u>Internal process</u>

<u>REF</u>	<u>WHEN</u>	<u>ACTION</u>	<u>FROM</u>	<u>TO</u>	<u>INFORMATION REQUIRED</u>	<u>METHOD</u>
3.3.6.13	If required and at least 10WD after 3.3.6.9 and by 10WD before the Final Reconciliation Run for the relevant Settlement Date, if no valid initial Meter register reading has been received	Deem initial Meter reading in accordance with Appendix 4.5 and calculate associated EAC / AA(s)	NHHDC		Appendix 4.5 – Deemed Meter Advance Refer to section 3.3.11 Calculate AA/EAC Values and send to NHHDA and Supplier.	Internal Process
3.3.6.14	Following 3.3.6.13	Send Deemed Meter Reading	NHHDC	Supplier, LDSO	D0010 Meter Readings	Electronic or other method as agreed

#### 4.5.2: Deeming Circumstances

##### Change of Standard Settlement Configuration (SSC)

When a Metering System undergoes a change of SSC, a final Meter reading prior to the change of SSC and an initial Meter reading after the change of SSC should be taken by the MOA when on site and these should be provided to the NHHDC.

Where the NHHDC has been informed that the SSC has been changed but no valid actual readings have been provided to the NHHDC within 10 Working Days of the change and the NHHDC has not been informed that the readings are unavailable (i.e. the Meter is no longer in place or able to display a Meter register reading or the Meter is faulty and any reading displayed is known to be incorrect), and the NHHDC requires an initial / final Meter reading, the NHHDC shall request the reading from the MOA and also from the Supplier.

Where a valid actual reading is not received 10 Working Days after being requested, or the NHHDC has been informed by the MOA that the reading is unavailable, the NHHDC may deem the final Meter reading for the date of the change of SSC using the following variables:

- Meter reading: the last valid read taken<sup>2</sup> for the Metering System prior to the change.
- Applicable EAC / AA for calculation of Deemed Meter Advance: the Last Valid EAC.
- Deemed Meter Advance Period: starting on the date of the last valid read and ending on the day before the date of the change of SSC.

Where applicable, this reading should be used as the corresponding initial reading for the date of the change of SSC. If the final Deemed Meter Reading cannot be used as the initial reading (i.e. where the Meter has been changed and the reading after the change is unlikely to be the same as the reading before the change), an initial Deemed Meter Reading may be calculated when either one or two new actual Meter register readings are obtained either in line with the reading cycle for that Metering System or obtained as special readings, provided that the first Meter reading is at least 10 Working Days after the NHHDC requested the actual Meter register reading from the Supplier and MOA and by 10 Working Days before the RF for the relevant Settlement Date. The initial Deemed Meter Reading shall be calculated using either of the following sets of variables (depending on whether one or two Meter readings are available):

If only one Meter reading is available:

##### 1.1.1.1

<sup>2</sup> If no valid actual readings are available but a valid Deemed reading is available, this reading can be used instead.

- Meter reading: first actual Meter register reading obtained.
- Applicable EAC / AA for calculation of Deemed Meter Advance: initial EAC.
- Deemed Meter Advance Period: starting on the date of the change of SSC and ending on the day before the date that the first actual read was obtained.

OR, if two Meter readings are available:

- Meter readings: the first two actual Meter register readings obtained
- Applicable EAC / AA for calculation of Deemed Meter Advance: AA calculated using these Meter register readings
- Deemed Meter Advance Period: starting on the date of the change of SSC and ending on the day before the date that the second actual read was obtained.

The NHHDC shall determine the AA for the Metering System prior to the change of SSC from the date of the last valid reading to the date of the Deemed Meter Reading in accordance with 3.3.11 and the EAC for the Metering System after the change of SSC in accordance with 3.3.11 and shall provide these with corresponding Effective From Settlement Date and Effective To Settlement Date to the NHHDA.