

## ATTACHMENT A – CP1036 Rejection Flow for D0052

### CHANGES TO BSCP504

N.B. changes have been drafted against version 10 of BSCP504.

Changes to Section 2 Workflow Diagrams are not shown. Footnotes are numbered within this Change Proposal attachment and do not reflect the numbers in BSCP504. Please note that the drafting below assumes that the SSC on the D0052 will be cross-validated against the SSC on the D0150 from the MOA and that the Supplier will not send a D0052 until a D0150 has been received from the MOA.

#### 3.2.1 Supplier Requests New Connection – Metered Supply

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1.1		Send notification of appointment and associated Agent <del>and SVA MS details, including initial (class average) EAC</del> to the NHHDC.	Supplier <sup>1</sup> .	NHHDC.	<del>D0052 – Affirmation of Metering System Settlement Details.</del> D0148 Notification of Change to Other Parties. D0155 Notification of New Meter Operator or Data Collector Appointment and Terms. D0302 Notification of Customer Details	Electronic or other method, as agreed.
<del>3.2.1.2</del>		<del>Send the initial (class average) EAC for each Settlement register of the SVA MS to the NHHDA.</del>  <del>Process EAC/AA data in accordance with section 3.5.</del>	<del>NHHDC.</del>	<del>NHHDA.</del>	<del>D0019 Metering System EAC/AA Data.</del>	<del>Electronic or other method, as agreed</del>

<sup>1</sup> The Supplier will state the class and type of SVA MS required and the data collection period for each SVA MS.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
<del>3.2.1.3</del> 3.2.1.2	Within 10WD of completion of Meter installation.	Send NHH Metered Data, including MTD and initial Meter register reading, where obtained.	MOA <sup>2</sup> .	NHHDC.	D0010 Meter Readings. D0149 Notification of Mapping Details. D0150 Non Half Hourly Meter Technical Details.	Electronic or other method, as agreed.
		<del>Process and validate Meter register reading.</del>	<del>NHHDC.</del>		<del>Appendix 4.2 Validate Meter Data, Appendix 4.7 Manual Adjustment of Meter Reading(s).</del>	<del>Internal Process.</del>
<del>3.2.1.5</del>	<del>If invalid Meter register reading.</del>	<del>Produce and send Invalid Data Report.</del>	<del>NHHDC.</del>	<del>Supplier, LDSO.</del>	<del>D0010 Meter Readings.</del>	<del>Electronic or other method, as agreed.</del>
<del>3.2.1.6</del>	<del>If valid Meter register reading.</del>	<del>Produce and send Valid Data Report.</del>	<del>NHHDC.</del>	<del>Supplier, LDSO.</del>	<del>D0010 Meter Readings.</del>	<del>Electronic or other method, as agreed.</del>
3.2.1.3	Within 5 WD of receipt of D0150 from the MOA	Send SVA Metering System details, including initial (class average) EAC to the NHHDC.	Supplier	NHHDC	D0052 Affirmation of Metering System Settlement Details.	Electronic or other method, as agreed.
3.2.1.4	On receipt of D0052 and D0150	Validate D0052. Check for discrepancies between the Metering System Settlement Details provided by the Supplier and the Meter Technical Details provided by the MOA.	NHHDC			Internal
3.2.1.5	If D0052 invalid	Send notification of invalid Metering System Settlement details to Supplier	NHHDC	Supplier	DXXX Notification of Failure to Load Metering System Settlement Details	Electronic or other method, as agreed.

<sup>2</sup>~~If any discrepancies identified between the MTD provided by the MOA and SVA MS data received from the Supplier, the NHHDC shall inform the Supplier. The Supplier will ensure that any such anomalies are resolved.~~

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1.6	On receipt of DXXX	Supplier should resolve the problem by re-sending or revising the D0052 as required or by instructing the MOA to re-send the D0150.	Supplier	NHHDC	D0052 Affirmation of Metering System Settlement Details. As required	Electronic or other method, as agreed.
3.2.1.7	On receipt of valid D0052	Send the initial (class average) EAC for each Settlement register of the SVA MS to the NHHDA.  Process EAC/AA data in accordance with section 3.5.	NHHDC.	NHHDA.	D0019 Metering System EAC/AA Data.	Electronic or other method, as agreed.
3.2.1.8		Process and validate Meter register reading.	NHHDC.		Appendix 4.2 - Validate Meter Data, Appendix 4.7 – Manual Adjustment of Meter Reading(s).	Internal Process.
3.2.1.9	If invalid Meter register reading.	Produce and send Invalid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings.	Electronic or other method, as agreed.
3.2.1.10	If valid Meter register reading.	Produce and send Valid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings.	Electronic or other method, as agreed.

### 3.3.2 Coincident Change of Supplier and Measurement Class from a Half Hourly to a Non Half Hourly SVA Metering System

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.2.2	Once SVA MS installed.	Send MTD.  Send initial Meter register reading	NHHMOA	Supplier, NHHDC, LDSO.  NHHDC	D0149 Notification of Mapping Details. D0150 Non Half Hourly Meter Technical Details.  D0010 Meter Readings.	Electronic or other method, as agreed.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
<del>3.3.2.3</del>		<del>Send initial (class) average EAC.</del>	<del>Supplier.</del>	<del>NHHDC.</del>	<del>D0052 Affirmation of Metering System Settlement Details.</del>	<del>Electronic or other method, as agreed.</del>
		<del>Process and validate Meter register reading</del>	<del>NHHDC.</del>		<del>Appendix 4.2—Validate Meter Data, Appendix 4.7—Manual Adjustment of Meter Reading(s).</del>	<del>Internal Process</del>
	<del>If invalid Meter register reading.</del>	<del>Produce and send Invalid Data Report.</del>	<del>NHHDC.</del>	<del>LDSO, Supplier.</del>	<del>D0010 Meter Readings.</del>	<del>Electronic or other method, as agreed.</del>
	<del>If valid Meter register reading.</del>	<del>Produce and send Valid Data Report.</del>	<del>NHHDC.</del>	<del>LDSO, Supplier.</del>	<del>D0010 Meter Readings. Refer to section 3.3.11 Calculate AA/EAC and send to NHHDA and Supplier.</del>	<del>Electronic or other method, as agreed.</del>
3.3.2.3	Within 5 WD of receipt of D0150 from the MOA	Send notification of SVA Metering System details, including initial (class average) EAC to the NHHDC.	Supplier.	NHHDC.	D0052 Affirmation of Metering System Settlement Details.	Electronic or other method, as agreed.
3.3.2.4	On receipt of D0052 and D0150	Validate D0052. Check for discrepancies between the Metering System Settlement Details provided by the Supplier and the Meter Technical Details provided by the MOA.	NHHDC			Internal
3.3.2.5	If D0052 invalid	Send notification of invalid Metering System Settlement details to Supplier	NHHDC	Supplier	DXXX Notification of Failure to Load Metering System Settlement Details	Electronic or other method, as agreed.
3.3.2.6	On receipt of DXXX	Supplier should resolve the problem by re-sending or revising the D0052 as required or by instructing the MOA to re-send the D0150.	Supplier	NHHDC	D0052 Affirmation of Metering System Settlement Details. As required	Electronic or other method, as agreed.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.2.7	On receipt of valid D0052	Send the initial (class average) EAC for each Settlement register of the SVA MS to the NHHDA.  Process EAC/AA data in accordance with section 3.5.	NHHDC.	NHHDA.	D0019 Metering System EAC/AA Data.	Electronic or other method, as agreed.
3.3.2.8		Process and validate Meter register reading.	NHHDC.		Appendix 4.2 – Validate Meter Data, Appendix 4.7 – Manual Adjustment of Meter Reading(s).	Internal Process.
3.3.2.9	If invalid Meter register reading.	Produce and send Invalid Data Report.	NHHDC.	LDSO, Supplier.	D0010 Meter Readings.	Electronic or other method, as agreed.
3.3.2.10	If valid Meter register reading.	Produce and send Valid Data Report.	NHHDC.	LDSO, Supplier.	D0010 Meter Readings.  Refer to section 3.3.11 Calculate AA/EAC and send to NHHDA and Supplier.	Electronic or other method, as agreed.

### 3.3.6 Change of Tariff Registers

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.6.1		<p>Send notification that MOA is to re-program Meter registers. <del>Also send initial (class average) EAC for each Settlement Register associated with the new SSC and the new Profile Class<sup>3</sup> (where appropriate). Send the date for which any change of SSC has been registered.</del> If necessary, agree revised contractual terms with NHHDC.</p> <p>Pass final Meter register reading for old register configuration and initial Meter register reading for new register configuration, including MTD and the mapping of these onto each Settlement Register<sup>4</sup>.</p>	<p>Supplier<sup>5</sup>.</p> <p>MOA.</p>	<p>NHHDC.</p> <p>NHHDC.</p>	<p>P0027 Notification of Pending Work. <del>D0052 Affirmation of Metering Settlement Details.</del></p> <p>D0010 Meter Readings. D0149 Notification of Mapping Details. D0150 Non Half Hourly Meter Technical Details.</p>	Electronic or other method, as agreed.
<del>3.3.6.2</del>		<del>Process and validate Meter register readings.</del>	<del>NHHDC.</del>		<del>Appendix 4.2—Validate Meter Data, Appendix 4.7—Manual Adjustment of Meter Reading(s).</del>	<del>Internal Process.</del>
<del>3.3.6.3</del>	<del>If invalid Meter register reading.</del>	<del>Produce and send Invalid Data Report.</del>	<del>NHHDC.</del>	<del>Supplier, LDSO.</del>	<del>D0010 Meter Readings. Refer to section 3.3.11—Calculate AA/EAC Values and send to NHHDA and Supplier.</del>	<del>Electronic or other method, as agreed.</del>

<sup>3</sup> ~~On change of Profile Class for a SVA MS, a class average EAC will be submitted in preference to an EAC calculated from the AA for the Meter Advance Period spanning the change of Profile Class. An EAC will not be calculated if the Profile Class has changed during the Meter Advance Period.~~

<sup>4</sup> Settlement Registers must not 'double count' electricity. If two physical registers record the same consumption, then the NHHDC must perform a process of differencing.

<sup>5</sup> If necessary the Supplier and NHHDC agree revised terms for retrieval and processing of data.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.6.4	If valid Meter register reading.	Produce and send Valid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings. Refer to section 3.3.11 Calculate AA/EAC and send to NHHDA and Supplier.	Electronic or other method, as agreed.
3.3.6.2	Within 5 WD of receipt of D0150 from the MOA	Send initial (class average) EAC for each Settlement Register associated with the new SSC and the new Profile Class <sup>6</sup> (where appropriate). Send the date for which any change of SSC has been registered.	Supplier	NHHDC	D0052 Affirmation of Metering Settlement Details.	Electronic or other method, as agreed.
3.3.6.3	On receipt of D0052 and D0150	Validate D0052. Check for discrepancies between the Metering System Settlement Details provided by the Supplier and the Meter Technical Details provided by the MOA.	NHHDC			Internal
3.3.6.4	If D0052 invalid	Send notification of invalid Metering System Settlement details to Supplier	NHHDC	Supplier	DXXX Notification of Failure to Load Metering System Settlement Details	Electronic or other method, as agreed.
3.3.6.5	On receipt of DXXX	Supplier should resolve the problem by re-sending or revising the D0052 as required or by instructing the MOA to re-send the D0150.	Supplier	NHHDC	D0052 Affirmation of Metering System Settlement Details. As required	Electronic or other method, as agreed.
3.3.6.6	On receipt of valid D0052	Send the initial (class average) EAC for each Settlement register of the SVA MS to the NHHDA.  Process EAC/AA data in accordance with section 3.5.	NHHDC.	NHHDA.	D0019 Metering System EAC/AA Data.	Electronic or other method, as agreed.

<sup>6</sup> On change of Profile Class for a SVA MS, a class average EAC will be submitted in preference to an EAC calculated from the AA for the Meter Advance Period spanning the change of Profile Class. An EAC will not be calculated if the Profile Class has changed during the Meter Advance Period.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.6.7		Process and validate Meter register readings.	NHHDC.		Appendix 4.2 - Validate Meter Data, Appendix 4.7 – Manual Adjustment of Meter Reading(s).	Internal Process.
3.3.6.8	If invalid Meter register reading.	Produce and send Invalid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings. Refer to section 3.3.11 - Calculate AA/EAC Values and send to NHHDA and Supplier.	Electronic or other method, as agreed.
3.3.6.9	If valid Meter register reading.	Produce and send Valid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings. Refer to section 3.3.11 Calculate AA/EAC and send to NHHDA and Supplier.	Electronic or other method, as agreed.

### 3.3.8.2 Withdrawal of Meter Reading following Fault Rectification – Change of SVA Metering System.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.8.2.1	As soon as possible after installation of new SVA MS.	Send: notification of fault and period affected <sup>7</sup> ; confirmation of rectification of fault following installation of new SVA MS; final Meter register reading for removed SVA MS where obtained <sup>8</sup> ; and MTD, including Meter register reading for replacement SVA MS.  If there is a change of SSC as a result of installing new SVA MS, send the revised SVA MS details and the initial (class average) EAC.	MOA          Supplier.	NHHDC <sup>9</sup> <sup>10</sup> .       NHHDC.	D0002 Fault Resolution Report or Request for Decision on Further Action.  D0010 Meter Readings.  D0149 Notification of Mapping Details.  D0150 Non Half Hourly Meter Technical Details.  D0052 Affirmation of Metering System Settlement Details.	Electronic or other method, as agreed.
3.3.8.2.2	If there is a change of SSC.	Validate D0052 and notify Supplier of any exceptions in accordance with 3.3.6.6 to 3.3.6.8	NHHDC	Supplier	DXXX Notification of Failure to Load Metering System Settlement Details	Electronic or other method, as agreed.

**Renumber following sections as appropriate**

<sup>7</sup> If the period of the fault is not known then the MOA will notify the NHHDC that this period cannot be determined by the MOA.

<sup>8</sup> If the NHHDC receives a final Meter register reading for the removed SVA MS the NHHDC will record but will not use this Meter register reading in Settlement as the NHHDC will deem an advance for the period of the fault.

<sup>9</sup> The NHHDC must ensure that there is no change to the original reading collected from the SVA MS as a result of SVA MS faults notified by the MOA. Invalidated readings must be retained for reference.

<sup>10</sup> Where the NHHDC receives notification of a fault from someone other than the MOA, the NHHDC will report the fault to the MOA.

### 3.3.10 Changes to SVA Metering System Standing Data

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.10.3		Send initial (class) average EAC.	Supplier.	NHHDC.	D0052 Affirmation of Metering System Settlement Details.	Electronic or other method, as agreed.
3.3.10.4		Validate D0052.	NHHDC			Internal
3.3.10.5	If D0052 invalid	Send notification of invalid Metering System Settlement details to Supplier	NHHDC	Supplier	DXXX Notification of Failure to Load Metering System Settlement Details	Electronic or other method, as agreed.
3.3.10.6	On receipt of DXXX	Supplier should resolve the problem and re-send or revise D0052 as required	Supplier	NHHDC	D0052 Affirmation of Metering System Settlement Details.  As required	Electronic or other method, as agreed.
<del>3.3.10.3</del> 3.3.10.7	If Meter register reading not obtained for Profile Class change.	Send the initial value EAC which is effective from the Profile Class change.  Process EAC/AA data in accordance with section 3.5.	NHHDC  NHHDA.	NHHDA, Supplier.	D0019 Metering System EAC/AA Data.	Electronic or other method, as agreed.
<del>3.3.10.4</del> 3.3.10.8	Once Meter register reading obtained.	Calculate an AA based on the MAP.  Send the AA and the initial value EAC.  Process EAC/AA data in accordance with section 3.5.	NHHDC.  NHHDC.  NHHDA.	NHHDA, Supplier.	D0019 Metering System EAC/AA Data.	Internal Process.  Electronic or other method, as agreed.
<del>3.3.10.5</del> 3.3.10.9	On change of GSP Group.	Send notification of a change to the GSP Group.  Validate D0052 and notify Supplier of any exceptions as per 3.3.10.4 to 3.3.10.6 above.  Process in accordance with 2.3.5 - Disconnection of a SVA Metering System and 2.2.1 - Supplier requests New Connection.	Supplier.  NHHDC  NHHDC	NHHDC  Supplier	D0052 Affirmation of Metering System Settlement Details.  DXXX Notification of Failure to Load Metering System Settlement Details	Electronic or other method, as agreed.    Internal Process.

## CHANGES SVA DATA CATALOGUE VOLUME 1 : DATA INTERFACES

N.B. changes have been drafted against issue 13 of the SVA Data Catalogue Volume 1.

<b>SVA Data Catalogue Reference</b>	<b>Description of Change</b>
Appendix A	Add DXXX Notification of Failure to Load Metering System Settlement Details to 'Interface Cross Reference by Flow Number'
Appendix B	Add DXXX Notification of Failure to Load Metering System Settlement Details to 'Interface Cross-Reference by Flow Name'
Appendix E	Add DXXX Notification of Failure to Load Metering System Settlement Details to 'Interface Cross-Reference by Source Document' under BSCP504.
Appendix F	Add DXXX definition to 'Catalogue of Data Definitions', as shown on following page.

**New data flow**

**Notification of Failure to Load Metering System Settlement Details**

DXXX

001

Source Document	Known as	Ref.	From	To	Comment
BSCP504	Notification of Failure to Load MS Settlement Details		NHHDC	Supplier	

**Data Requirement from BSC Procedures:**

Data Group	Data Item Name	Comment
MSID Details with NHHDC received data	Metering System Id	
	Standard Settlement Configuration Id	
	Effective From Settlement Date {SCON}	
Error Details	Settlement Details Failure Reason Code	
	Additional Information	
Metering System Ids with Settlement Dates from D0052	Metering System Id	
	Effective From Settlement Date {REGI}	
	Profile Class Id	
	Effective From Settlement Date {MSPCDC}	
	Measurement Class Id	
	Effective From Settlement Date {MSMCDC}	
Settlement Details from D0052	Standard Settlement Configuration Id	
	Effective From Settlement Date {SCON}	
	GSP Group Id	
	Effective From Settlement Date {MSGGDC}	
Time Pattern Regime from D0052	Time Pattern Regime	
	Estimated Annual Consumption	
	Effective From Settlement Date {EACDC}	

## Notes

1. The 'Metering System Ids from D0052', 'Settlement Details from D0052' and 'Time Pattern Regime from D0052' data groups are populated with the original details from the D0052 flow in respect of any Metering Systems within the D0052 that have failed validation. If this flow is used to indicate no D0052 has been received by NHHDC then this information will not be populated.
2. The Standard Settlement Configuration Id and Effective From Settlement Date {SCON} within the 'MSID details with NHHDC received data' data group are optional and will be populated with the values from the D0150 flow where these differ from the values in the D0052.
3. Where the GSP Group Id from the D0052 differs from that received by an NHHDC on the D0155, the C0052 should be accepted, however the Supplier should be manually notified of the mismatch so that any necessary further action can be taken.
4. Additional Information within the 'Error Details' data group is optional but must be populated where a reason code of 'Other' is used.
5. Where an NHHDC can determine that more than one error has occurred, these will all be populated in repeated 'Error Details' groups.

## ATTACHMENT C – CHANGES SVA DATA CATALOGUE VOLUME 2: DATA ITEMS

N.B. changes have been drafted against issue 11 of the SVA Data Catalogue Volume 2.

### Add new item to Appendix A:-

#### Settlement Details Failure Reason Code

<b>Description:</b>	A code indicating why Metering System settlement details (as provided on the 'Affirmation of Metering System Settlement Details (D0052) flow) have failed validation
<b>Units:</b>	None
<b>Valid Set:</b>	Initial Values are: 01 Data Collector is not appointed to this Metering System 02 Effective From Settlement Date {REGI} (Supply Start Date) inconsistent with previous Supply Start Date given 03 Profile Class Id not in MDD 04 Standard Settlement Configuration Id not in MDD 05 GSP Group Id not in MDD 06 Effective From Settlement Date {MSGGDC} earlier than Effective From Settlement Date of GSP Group Distributor in MDD 07 Invalid Profile Class/SSC/GSP Group combination 08 Measurement Class not in MDD or not valid for NHH Metering System 09 Time Pattern Regime not associated with SSC in MDD 10 Missing Time Pattern Regime for SSC 11 Duplicate Time Pattern Regime records 12 Standard Settlement Configuration ID inconsistent with that on D0150 13 Flow not processed. No change to existing data or no requirement for D0052 14 Effective From Settlement Date of GSP Group is earlier than latest date held for the GSP Group 15 Effective From Settlement Date of Measurement Class is earlier than latest date held for the Measurement Class 16 Effective From Settlement Date of Profile Class is earlier than latest date held for the Profile Class 17 Effective From Settlement Date of SSC is earlier than latest date held for the SSC 18 Mismatch of Effective From Settlement Date of SSC 19 Change is outside Supplier registration period

20 D0149/D0150 not received when expected by NHHDC  
98 D0052 not received when expected by NHHDC  
99 Other

**Domain:** Code  
**Logical Format:** CHAR(2)  
**Default Value:** Not required.  
**Acronym:** None  
**Notes:**