

ATTACHMENT A – CP1037 Timing and Validation of D0052 Flow

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.

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 and SVA MS details, including initial (class average) EAC to the NHHDC.	Supplier ¹ .	NHHDC.	D0052 Affirmation of Metering System Settlement Details. 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.
3.2.1.2		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

¹ 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
3.2.1.3 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 ² .	NHHDC.	D0010 Meter Readings. D0149 Notification of Mapping Details. D0150 Non Half Hourly Meter Technical Details.	Electronic or other method, as agreed.
3.2.1.4		Process and validate Meter register reading.	NHHDC.		Appendix 4.2—Validate Meter Data; Appendix 4.7—Manual Adjustment of Meter Reading(s).	Internal Process.
3.2.1.5	If invalid Meter register reading.	Produce and send Invalid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings.	Electronic or other method, as agreed.
3.2.1.6	If valid Meter register reading.	Produce and send Valid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings.	Electronic or other method, as agreed.
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. See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	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		See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Internal

² ~~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
3.2.1.5	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.
3.2.1.6		Process and validate Meter register reading.	NHHDC.		Appendix 4.2 - Validate Meter Data, Appendix 4.7 – Manual Adjustment of Meter Reading(s).	Internal Process.
3.2.1.7	If invalid Meter register reading.	Produce and send Invalid Data Report.	NHHDC.	Supplier, LDSO.	D0010 Meter Readings.	Electronic or other method, as agreed.
3.2.1.8	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.
3.3.2.3		Send initial (class) average EAC.	Supplier.	NHHDC.	D0052 – Affirmation of Metering System Settlement Details.	Electronic or other method, as agreed.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.2.4		Process and validate Meter register reading.	NHHDC.		Appendix 4.2—Validate Meter Data, Appendix 4.7—Manual Adjustment of Meter Reading(s).	Internal Process.
3.3.2.5	If invalid Meter register reading.	Produce and send Invalid Data Report.	NHHDC.	LDSO, Supplier.	D0010 Meter Readings.	Electronic or other method, as agreed.
3.3.2.6	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.
3.3.2.3	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. See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Electronic or other method, as agreed.
3.3.2.4	On receipt of D0052 and D0150	Validate D0052. Including check for discrepancies between the Metering System Settlement Details provided by the Supplier and the Meter Technical Details provided by the MOA.	NHHDC		See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Internal
3.3.2.5	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.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.2.4 3.3.2.6		Process and validate Meter register reading.	NHHDC.		Appendix 4.2 – Validate Meter Data, Appendix 4.7 – Manual Adjustment of Meter Reading(s).	Internal Process.
3.3.2.5 3.3.2.7	If invalid Meter register reading.	Produce and send Invalid Data Report.	NHHDC.	LDSO, Supplier.	D0010 Meter Readings.	Electronic or other method, as agreed.
3.3.2.6 3.3.2.8	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. Also send initial (class average) EAC for each Settlement Register associated with the new SSC and the new Profile Class³ (where appropriate). Send the date for which any change of SSC has been registered. 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 Register⁴.</p>	<p>Supplier⁵.</p> <p>MOA.</p>	<p>NHHDC.</p> <p>NHHDC.</p>	<p>P0027 Notification of Pending Work. D0052 Affirmation of Metering Settlement Details.</p> <p>D0010 Meter Readings. D0149 Notification of Mapping Details. D0150 Non Half Hourly Meter Technical Details.</p>	<p>Electronic or other method, as agreed.</p>
3.3.6.2		Process and validate Meter register readings.	NHHDC.		Appendix 4.2—Validate Meter Data, Appendix 4.7—Manual Adjustment of Meter Reading(s).	Internal Process.
3.3.6.3	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 ~~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.~~

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

⁵ 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 ⁶ (where appropriate). Send the date for which any change of SSC has been registered.	Supplier	NHHDC	D0052 Affirmation of Metering Settlement Details. See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Electronic or other method, as agreed.
3.3.6.3	On receipt of D0052 and D0150	Validate D0052. Including check for discrepancies between the Metering System Settlement Details provided by the Supplier and the Meter Technical Details provided by the MOA.	NHHDC		See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Internal
3.3.6.4	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.
3.3.6.5		Process and validate Meter register readings.	NHHDC.		Appendix 4.2 - Validate Meter Data, Appendix 4.7 – Manual Adjustment of Meter Reading(s).	Internal Process.

⁶ 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
3.3.6.6	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.
3.3.6.7	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 ⁷ ; confirmation of rectification of fault following installation of new SVA MS; final Meter register reading for removed SVA MS where obtained ⁸ ; 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 ⁹ ¹⁰ . 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		Validate D0052. Including check for discrepancies between the Metering System Settlement Details provided by the Supplier and the Meter Technical Details provided by the MOA.	NHHDC	Supplier	See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Electronic or other method, as agreed.

Renumber following sections as appropriate

⁷ 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.

⁸ 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.

⁹ 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.

¹⁰ 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. See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Supplier.	NHHDC.	D0052 Affirmation of Metering System Settlement Details.	Electronic or other method, as agreed.
3.3.10.4		Validate D0052.	NHHDC		See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Internal
3.3.10.3 3.3.10.5	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.
3.3.10.4 3.3.10.6	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.
3.3.10.5 3.3.10.7	On change of GSP Group.	Send notification of a change to the GSP Group. Validate D0052 and notify Supplier of any exceptions. 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. See Appendix 4.10 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	Electronic or other method, as agreed. Internal Process.

New Appendix to BSCP504

4.10 Usage and Validation of 'Affirmation of Metering System Settlement Details' (D0052)

In populating the D0052 flow, the Supplier will:-

1. Ensure that a 'Non Half-Hourly Meter Technical Details' (D0150) flow has been received from the Meter Operator, before sending a D0052 ;
2. Check that the Standard Settlement Configuration (SSC) on the D0150 matches the SSC requested on the 'Request for Installation or Change to a Metering System Functionality or the Removal of All Meters' (D0142) flow. If there is a mismatch between the SSC on D0150 and the D0142, the Supplier should resolve with the MOA, but pending resolution of the mismatch, should send a D0052 to match the D0150;
3. Ensure that the effective date of the SSC matches that on the D0150;
4. Send an 'Update Registration Details' (D0205) flow to SMRS at the same time as the D0052 is sent to the NHHDC, in order to avoid SMRS-NHHDC mismatches on the NHH Data Aggregation Exception Report (D0095).

In processing D0052 flows, the NHHDC will:-

5. Check that the SSC on the D0052 (where there has been a change of SSC or the NHH Metering System is new) matches the SSC value on the D0150 from the MOA and notify the Supplier of any mismatch.
6. Notify the Supplier if the D0052 indicates that a D0150 is expected, but no D0150 has been received or if the D0150 indicates that a D0052 is expected, but no D0052 has been received.
7. Notify the Supplier if a D0052 has not been processed, either because its contents are identical to the data values already held by the NHHDC or because the NHHDC has been unable to derive the context in which the flow is being sent from the contents of the flow.