DCP0033

ATTACHMENT E: TABLE OF PROCESSES CONSIDERED BY THE SMART METERING EXPERT GROUP

POTENTIAL BSC CHANGES

Ref.	Details	Action/Decision
BSC Section D	Annex D-1 Funding Shares Part 2 SVA Funding Share A Supplier's SVA (Consumption) Funding Share ($FSCS_{pm}$) in relation to a month (month 'm') reflects its proportionate share of aggregate non-half hourly consumption for that month. Annex D-3 Specified BSC Charges 4.1 The SVA Specified Charge payable by each Supplier is a Half Hourly Metering System Monthly Charge, for each Half Hourly Metering System for which a Supplier is Registrant for all or any part of that month, at an initial charge rate of £1.25 per month.	A response to the ELEXON's 'SVA Specified Charge Consultation' was submitted by a member on behalf of the group. The Panel determined on 13 March (138/10) that the SVA Specified charge should be set to £0.70 per meter per month. No further change proposed.
BSC Section J	4.2.5 Bulk Change of Agent (applies to NHH only)	No change.
BSC Section K	2.5 Shared SVA Metering System (applies to HH only)	No change
BSC Section L 2.2.1 (d)	In the case of a SVA Metering System other than as provided in paragraph (b) [>100kW] and (c) [>30kW export], shall be Half Hourly Metering Equipment or Non-Half Hourly Metering Equipment as the Registrant shall choose.	No change, BSC will not have to reference a different class of Metering System
BSC Section L 3.5.2	Half Hourly Metering Equipment shall be accurate to within the prescribed limits for such Metering Equipment referred to or set out in the relevant Code of Practice.	No change. CoP 10 will be the 'relevant Code of Practice'
BSC Section L 3.6.1	The Registrant of each Metering System shall ensure, in the case of Half Hourly Metering Systems, that the Metering Equipment shall be commissioned in accordance with the relevant issue of Code of Practice Four or, in the case of Non Half Hourly	See proposed changes in Attachment 3. No change required to Section L provisions.

Ref.	Details	Action / Decision
	Metering Systems, in accordance with the relevant issue of the Code of Practice (if any) relating to the commissioning of Non Half Hourly Metering Systems.	
BSC Section L 3.8.3	Each Licensed Distribution System Operator shall, with respect to a Half Hourly Metering System registered in SMRS in relation to which data is required to be submitted for Settlement before the Initial Volume Allocation Run, notify the relevant Supplier registered in its SMRS system if any seal relating to that Metering System has been, or is likely to be broken by that Licensed Distribution System Operator for more than 24 hours or which is, or is due to be, remade, in all cases as soon as reasonably practicable (including, if reasonably practicable, before breaking or remaking such seal) stating, in the case of a notification of the breaking of a seal, the reason for breaking such seal.	No change
BSC Section L 7.1.1	The role of the TAA is to monitor compliance by Parties with the requirements, in relation to Half Hourly Metering Systems, of this Section L, Codes of Practice and BSC Procedures, and identify cases where such requirements are not being complied with ("**non-compliance**").	No change. Although not explicit in the Code, BSCP27 only applies to >100kW HH Metering Systems
BSC Section S 2.2.1	References to - BSCP502 (in respect of Half Hourly Metering Systems) and BSCP504 (in respect of Non Half Hourly Metering Systems).	No change. No new BSCP is necessary, requirements can be included in BSCP502
BSC Section S 2.3.1	The principal functions of a Half Hourly Data Collector are, in accordance with the provisions of this Section S and the Supplier Volume Allocation Rules, with BSCP502 and BSCP520 and with Party Service Line 130: (a) to collect metered data; (b) to validate data and provide reports; (c) to enter validated metered data into the relevant data collection system; (d) to maintain relevant standing data; (e) to undertake Meter Advance Reconciliation to reconcile half hourly energy values with meter advances; (f) to sum register level data to produce SVA Metering System level data; (g) to provide SVA Metering System level data to the relevant Half Hourly Data Aggregator; and (h) to provide validated metered data and SVA Metering System reports to the relevant Supplier and the relevant Distribution System Operator.	No change.
BSC Section S	An Additional BM Unit may comprise:	No change, unlikely anyway.

Ref.	Details	Action / Decision
6.2.2	(a) one or more Half Hourly Metering Systems	
BSC Section S Annex S-1 2.2.8	In relation to each GSP Group and in respect of Half Hourly Metering Systems for which a Supplier is responsible which are identified as not being 100kW Metering Systems, the Supplier shall ensure that (in accordance with the relevant BSC Procedure) in respect of each month actual (rather than estimated) values in respect of not less than 99 per cent. of the total energy attributable to that Supplier relating to such Metering Systems for the aggregate of the Applicable Settlement Periods are provided by its Half Hourly Data Aggregator to the SVAA in time for the relevant Final Reconciliation Volume Allocation Run.	No change, 99% is a reasonable performance standard
BSC Section W 3.1.1 (e)	references to an "SVA Half Hourly Query" shall mean a Trading Query raised in respect of those matters which have been taken into account for the purposes of Settlement in respect of those SVA Metering Systems which are associated with Measurement Classes C and D;	Query deadline for HH is 20 working days after R2. Query deadline for NHH is 70 working days after RF. HH requirements not ideal but this change is not worth a Modification – no change.
BSC Section X Annex X-1	Definition of “Half Hourly Lite”	No change needed as not a separate metering class.
BSC Section X Annex X-2	Measurement Class and Table X-8	No change needed as not a separate metering class.

POTENTIAL BSCP502 CHANGES

Many of the considerations here were around working days. It was agreed that the HH WD requirements were appropriate because any change would have PARMS implications and Agents are unlikely to want to work to more timescales (optional timescales would cause Agent interaction problems). The costs of process change would not be comparative to data retrieval costs. A change to meter fault timescales may be necessary in the future.

Ref.	Details	Action / Decision
3.1.1	SVAA sends Domain Data	No changes required
3.2.1	New connection of Registration from CMRS to SMRS – metered supply	Working days to send MTD is 5WD / 10 WD NHH. HH timescales are appropriate, no change.

3.2.3	Change of Supplier for an existing SVA Metering System (No Change of MOA, HHDC or HHDA)	10 WD after end of HHDC appointment to old Supplier – complete HH metered data collection activities for the old Supplier. No change
3.2.4	Change of HHDC for an existing SVA Metering System	Working days to send MTD is 5WD / 10 WD NHH. No change. 14 months of historic data needed for estimation, same estimation methods are appropriate so no change. "If there is a separate outstation (or integral outstation that does not provide a cumulative electronic reading) and within 10 WD of the later of the HHDC appointment start date and receipt of Meter Technical Details (unless physical read acquired through site visit within 10 WD of appointment start date); or if required by Supplier – request physical Meter Read". No change because conditional on a separate outstation.
3.2.6	Change of HHDA for an existing Metering System	No change
3.2.7	Concurrent Change of Supplier and HHDC for an existing SVA Metering System	10 WD after end of HHDC appointment to old Supplier – complete HH metered data collection activities for the old Supplier. No change. Working days to send MTD is 5WD / 10 WD NHH. No change. No proving tests for whole current meters – change to Appendix 4.6 See previous comment on 14 months historic data.

		See previous comments on outstations.
3.3.1	Change of Measurement Class from Non-Half Hourly to Half Hourly SVA Metering System, coincident with change of Supplier, HHDC, HHDA and MOA	**CHANGE: No proving tests for whole current meters.**
3.3.2	Change of Measurement Class from Non-Half Hourly to Half Hourly SVA Metering System, coincident with change of Supplier, HHDC, HHDA and MOA	Process assumes that a site visit by the MOA is required. It should be possible to carry out a HH to NHH CoMC (and vice versa) without the need for a site visit. **CHANGE: Remove requirement for site visit**
3.3.3	Energise a SVA Metering System	5 WD HH and 10 WD NHH to notify change. No change.
3.3.4	De-energise a SVA Metering System	As above
3.3.5	Disconnection of a SVA Metering System following De-energisation	No change
3.3.6	Reconfigure or Replace SVA Metering System - No Change of Measurement Class	5 WD HH and 10 WD NHH to notify MTD. No change. No proving tests for whole current meters – change to Appendix 4.6
3.3.8	Change of Measurement Class from Below 100kW to Above 100kW or Vice Versa.	No change as no new Measurement Class required
3.3.9	Change of Feeder Status – Energise Feeder	No change
3.3.10	Change of Feeder Status – De-energise Feeder	No change
3.4.1	HHDC collects, validates and sends consumption data	Ref to MAR Report in 3.4.1.4. Exempt from MARs under 4.8.2 - no change as refers to Appendix 4.8
3.4.2	HHDC investigates inconsistencies	5WD timescales for HH, no timescales for NHH. No change.
3.5	Proving a Meter System	**CHANGE: No proving tests for whole current meters – change to Appendix 4.6**
4.1	Validate Meter Data	**CHANGE: 4.1.6 Maximum Permissible Energy by Metering System Code of Practice**

		CHANGE: Addition of CoP10 to table 4.1.8 Site Checks of SVA Metering System - Site Visit Report **CHANGE: Site visits should not be mandated for MC E**
4.2	Data Estimation	No change
4.3	Process Meter Data	No change
4.4	Reasons for Requesting a Metering System Investigation	No change
4.5	Key SVA Meter Technical Details	No proving test for Whole Current Meters– change to Appendix 4.6
4.6	Proving of Half Hourly Metering Systems	**CHANGE: CoP10 meters to be exempt from proving tests**
4.7	Inbound Data Comparison Check	No change
4.8	Meter Advance Reconciliation	No change
4.9	Guide to Complex Sites	No change
4.10	Service Levels	No change

POTENTIAL CHANGES TO BSCP514

Ref.	**Details**	**Action / Decision**
5.1.1	MDD	No change
5.2.1	Change of HHMOA (No change of Metering System or change of Supplier	5WD HH for sending MTD etc –no change
5.2.2	New Connection	5WD HH for sending MTD etc –no change No proving tests for whole current meters – change to Appendix 8.3
5.2.3	Change of HHDC for an existing Metering System	5WD HH details of current faults –no change
5.2.4	Concurrent Change of Supplier and HHMOA (No change to Metering System)	5WD HH MTD etc –no change
5.2.5	Registration Transfers from CMRS to SMRS	Still a live process, though no longer utilised for >100kW. Unlikely for new CoP Metering Systems. No proving tests for whole current meters –

Ref.	Details	Action / Decision
		change to Appendix 8.3
5.2.6	Registration Transfers from SMRS to CMRS	Still a live process, though no longer utilised for >100kW. Unlikely for new CoP Metering Systems No proving tests for whole current meters – change to Appendix 8.3
5.2.7	Change of Supplier for an Existing Metering System (No Change of Agent)	No NHH equivalent. (But 5WD as usual) –no change
5.3.1	Energise a Metering System	2WD (v 5WD NHH) to reject Energisation Status request. 5WD (v10WD NHH) to notify change of ES and send MTD –no change
5.3.2	De-energise a Metering System	Retain HH timescales –no change
5.3.3	Removal of a Metering System	Retain HH timescales –no change
5.3.4	Reconfigure or Replace Metering System (No Change of Measurement Class)	Retain HH timescales –no change No proving tests for whole current meters – change to Appendix 8.3
5.3.5	LDSO Replaces MS (For Safety Reasons / Urgent Metering Services)	5WD (v10WD NHH) for MTD –no change No proving tests for whole current meters – change to Appendix 8.3
5.3.6	Change of Feeder Status – Energise Feeder	unlikely at multi-feeder sites No proving tests for whole current meters – change to Appendix 8.3
5.3.7	Change of Feeder Status – de-energise Feeder	Unlikely at multi-feeder sites.
5.4.1	Investigate Inconsistencies	15 WD to resolve HH, 5WD for NHH 5WD for MTD in HH, 10WD for NHH Differences in use of D0002/D0005 –retain HH requirements, no change.
5.5	Proving a Metering System	No proving tests for whole current meters – change to Appendix 8.3
6.1.1	MDD	No change

Ref.	Details	Action / Decision
8.1	Sealing	Refers to MoCoPA and relevant CoP, so no change
8.2	Key SVA Meter Technical Details	No proving tests for whole current meters – change to Appendix 8.3
8.3	Proving of Half Hourly Metering Systems	**CHANGE: CoP10 meters to be exempt from proving tests**
8.4	Guide to Complex Sites	Complex sites unlikely

POTENTIAL CHANGES TO OTHER CSDs

Ref.	Details	Question
BSCP11	Trading Queries and Trading Disputes	Assume current HH timescales 20 WD after R2 would apply, rather than 70 WD after RF. no change.
BSCP27	Technical Assurance of Half Hourly Metering Systems for Settlement Purposes	No change. Applies to above MC C only (CoP10 only relates to MC E)
BSCP68	Transfer of Registration of Metering Systems between CMS And SMRS	Still a live process, though no longer utilised for >100kW. Assume unlikely for HH Lite Metering Systems.
BSCP533	PARMS Data Provision	No change.
BSCP601	Metering Protocol Approval and Compliance Testing	This should also apply to CoP10 meters –no change
CoP 4	Code of Practice for the Calibration, Testing and Commissioning Requirements of Metering Equipment for Settlement Purposes	**CHANGE: See Attachment 3.**