

Appendix 1 - NHH Consumption History Anomalies and Deeming or Estimation Requirements

Business Event	Circumstances requiring deeming	Volume (H/M/L)	Requirements	Method ¹	Existing Reference in Code or CSD
Change of Supplier (CoS)	<ul style="list-style-type: none"> a) Meter reading before COS read window b) Meter reading after COS read window c) No actual (inc customer) meter reading 	H	<ul style="list-style-type: none"> a) Deem COS read based on EAC calculated from the reading b) Deem COS read based on AA calculated from new reading (Can OS DC do this if no reading from NS DC?) c) Deem from old EAC (same as (a) but with older meter reading) 	<ul style="list-style-type: none"> S1 S1, A S1 	<ul style="list-style-type: none"> BSC S2 4.3.20 and a) PSL 120 1.3.3.8 b) PSL 120 1.3.3.8 c) BSC S2 4.3.19 PSL120 1.3.3.1, 1.5.4.2(a) BSCP504 3.2.6.12
Revised reading following a disputed CoS reading	Disputed COS reading (actual, customer or deemed)	L - H	As per BSC/BSCP/PSL	S2	BSC S2 4.3.20 (a) PSL120 1.3.3.6 (All), 1.3.3.7/8 (b/c), 1.5.4.2(b) BSCP504 3.2.6.16
Concurrent change of Supplier and Measurement Class (NHH to HH)	Missing/invalid final readings	L	As per BSC/BSCP/PSL	F, S	BSC S2 4.3.24 PSL120 1.3.4.2, 1.5.7.9 BSCP504 3.3.1.6
Concurrent change of Supplier and Measurement Class (HH to NHH)	Missing/invalid initial readings	L	Deem back from new reading and EAC (as provided in D52, or class average if not provided)	I, S	BSC S2 4.3.11-17? See 'no initial reading....' below.

¹ See Appendix 2 – “Generic Processes for NHH Consumption History Correction”

Business Event	Circumstances requiring deeming	Volume (H/M/L)	Requirements	Method ¹	Existing Reference in Code or CSD
Change of Measurement Class (No COS) a) NHH->HH b) HH->NHH	missing/ invalid final readings missing/ invalid initial readings	L L	a) Deem from previous EAC as per BSC/BSCP/PSL b) Deem back from new reading - See below: "No initial reading ..."	F I	BSC S2 4.3.11-17? PSL120 1.5.7.9
Change of Meter (with change of SSC)	a) Missing/invalid final readings b) Missing/invalid initial readings	M	a) Deem from previous EAC as per BSC/BSCP/PSL b) Deem back from new reading - See below: "No initial reading ..."	F I	BSC S2 4.3.13 PSL120 1.5.7.9 BSCP504 3.3.7.2
Change of Meter (no change of SSC)	a) Missing/invalid final readings b) Missing/invalid initial readings	M/H	a) Deem from previous EAC as per BSC/BSCP/PSL b) Deem back from new reading - See below: "No initial reading ..."	F I	BSC S2 4.3.16 PSL120 1.5.7.9 BSCP504 3.3.7.2
Change of Profile Class	CoPC reading required by NHHDC and no valid readings available for CoPC date	L	May be required by some DCs to enable CoPC to be processed	E / A / C	Not supported. EAC/AA calculator allows for changes of Profile Class during a Meter Advance Period. (BSC S2 4.3.9-10)
Change of Meter Configuration (other)	a) Missing/invalid final readings b) Missing/invalid initial readings	L/M	a) Deem from previous EAC as per BSC/BSCP/PSL b) Deem back from new reading - See below: "No initial reading ..."	F I	BSC S2 4.3.11-17? PSL120 1.5.7.9 BSCP504 3.3.7.2

Business Event	Circumstances requiring deeming	Volume (H/M/L)	Requirements	Method¹	Existing Reference in Code or CSD
On rectification of meter fault	Consumption not accounted for or inaccurate	L	Deem advance over fault period using last EAC; Use new actual initial read as basis for future advances	F *	BSC S2 4.3.11-17? PSL120 1.5.3.3, 1.5.4.2(c) BSCP504 3.3.8.1.4
Theft	Revenue Protection adjustments	L	As per PSL120	*	PSL 120, 1.5.9 (May not be supported by DCs)
Energisation on New Connection or 'logical' equivalent e.g. new MPAN (confirmed or identified subsequently)	a) Initial readings missing, invalid or not processed b) Energisation date not known	M	a) Deem back to energisation date (if known) b) Determine date from appropriate information	I (C)	(No ref in PSL120 or BSCP504)
De-energisation (confirmed or identified subsequently)	a) Final readings missing, invalid or not processed b) De-energisation date not known	M	a) Deem to de-energisation date (if known) b) Determine from appropriate information	D (C)	BSC S2 4.3.11-17? PSL120 1.5.7.9
Re-energisation following de-energisation (confirmed or identified subsequently)	a) Initial readings missing, invalid or not processed b) Energisation date not known	L	a) Deem back to energisation date (if known) b) Determine date from appropriate information (ISSUE: current deeming functionality in the EAC/AA system needs to be modified to deem zero AA for De-energised periods)	I (C)	BSC S2 4.3.11-17? (No ref in PSL120 or BSCP504)
Removal of Meter (confirmed or identified subsequently)	a) Final readings missing, invalid or not processed b) Removal date not known	M	a) Deem to DE date (if known) b) Determine from appropriate information	D (C)	(May occur as part of Disconnection – see below) PSL120 1.5.7.9

Business Event	Circumstances requiring deeming	Volume (H/M/L)	Requirements	Method ¹	Existing Reference in Code or CSD
Disconnection (confirmed or identified subsequently) – a) Physical disconnection b) Logical disconnection c) Deletion of redundant MPAN d) Deletion of erroneous MPAN e) Theft cases?	Missing/ invalid final readings	L	Determine disconnection date from appropriate information; Deem to disconnection date	D (C)	PSL120 1.5.7.9 BSCP504 3.3.5.3
Change of LDSO	Missing/invalid final/initial readings on logical disconnection/new connection in new SMRS	Depends on size of DN being transferred	Deem to transfer date Apply previous EAC to new MPAN and deemed final reading as new initial reading (Should only be used as a backstop if an actual reading could not be obtained) (ISSUE: Currently no viable industry process to support change of LDSO involving large number of MPANs – no process for linking data between old and new MPANs to ensure continuity of standing data, readings etc)	I F	Not currently supported
New meter reading	Meter reading obtained (or deemed) after EAC used in final Volume Allocation Run	M	As per BSC/BSCP/PSL	C	BSC S2 4.3.21 PSL120 1.5.4.2(d)&(e)

Business Event	Circumstances requiring deeming	Volume (H/M/L)	Requirements	Method¹	Existing Reference in Code or CSD
Profile coefficients for dates after Settlement Date 15 months ago to be archived by NHHDC	Last valid meter reading > 15 months old	L	As per PSL120	C	(Not BSC S2 4.3.21 – no Meter Advance) PSL120 1.5.4.2.1.1
Profile coefficients for dates after Settlement Date 2 years ago to be archived by NHHDC	Last valid meter reading > 2 years old	M	As per PSL120	C	(Not BSC S2 4.3.21 – no Meter Advance) PSL120 1.5.4.2(f)
Change of Tenancy	Required for billing purposes only	H	No special process or requirement for Settlement purposes (Could be requested via D0005 with Requested Action Code 02 or 17)	E / A	None
New meter reading	Meter reading > 2 years after date of current EAC (exceeds EAC/AA calculator limit)	M	Ideally, the EAC/AA calculator limit should be removed. If this is not possible, then the following approach is recommended: If no 'recoverable' meter reading available for intervening period which reduce interval below 2y, deem reading for evenly spaced mid-point(s) prior to Settlement date for which last FVA Run carried out, based on old EAC.	I/F (C)	(May be covered by CP1081)

Business Event	Circumstances requiring deeming	Volume (H/M/L)	Requirements	Method ¹	Existing Reference in Code or CSD
	Identification of meter reading or processing error affecting advance spanning latest RF (or DF?)	M	- Gross Volume Correction procedure as per Appendix 2.	C	TS2 agreed as operational workaround, notified 11/12/2000 via circular CEO00557. CP910, which would have formalised this, has been withdrawn on the basis that it is inconsistent with the BSC.
Significant change in consumption (genuine) e.g. change of use a) increase b) decrease	(Not strictly required, but would assist validation of subsequent consumption)		Could be triggered by D0005 from Supplier with Requested Action Code 02 or 17, together with new EAC (via D0052) and possible Change of Profile Class	E	
Identification of site as unoccupied a) Long-term no access – b) LDSO rejected request for disconnection	(Risk that EAC is not representative and/or site may be demolished without final readings or prior notification to Supplier)	M	- Treat as de-energised if meets specified criteria (See Appendix 2)	D (C)	Not Supported
Identification of site as demolished	Meter removed Final readings missing, invalid or not processed a) Already de-energised from known date b) Date of last consumption known but not recorded as de-energised c) Unknown date of last consumption	M	Determine deemed date of de-energisation (if not known) and meter advance to this date based on appropriate evidence (to be specified – could include Local Authority or LDSO record of demolition notice). Proceed with logical disconnection with effect from this or other appropriate date (depending on MPAS capability).	D (C)	Not Supported (though see removal of Meter)