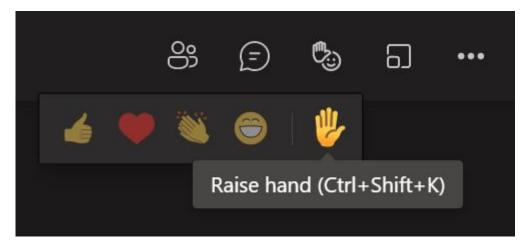
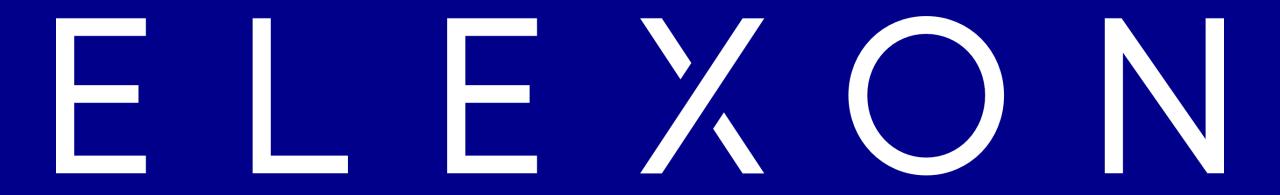
Issue 91 Digital Meeting Etiquette

- Welcome to Issue 91 Workgroup Meeting 3 we'll start shortly
- No video please to conserve bandwidth
- Please stay on mute unless you need to talk use the Raise hand feature in the Menu bar in Microsoft Teams if you want to speak, or use the Meeting chat



• Lots of us are working remotely – be mindful of background noise and connection speeds



Issue 91 Workgroup 3

Registration and Settlement of Smart Export Guarantee (SEG) sites

2 July 2021

Meeting Agenda & Objectives (1 of 2)

- Recap of Workgroup Meeting 2
- BSCP504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' walkthrough
- Next steps

Agenda Item	Lead
1. Welcome and Meeting objectives	Elliott Harper (Chair)
2. Recap of Workgroup Meeting 2	Paul Wheeler (Lead Analyst)
3. BSCP504 walkthrough:	Derek Weaving (Design Authority)
Overview	
Scenario 1: Supplier requests New Connection - Metered Supply	
Scenario 2: Change of NHHDC for an existing SVA Metering System not concurrent with a Change of Supplier	
Scenario 3: Change of Supplier for an existing SVA Metering System	
Scenario 4: Change of LDSO	
Scenario 5: Change of Supplier – No Meter	
 Scenario 6: Coincident Change of Measurement Class from NHH to a HH and Change of Supplier for HHDC-serviced Metering Systems 	
Scenario 7: Coincident Change of Supplier and Measurement Class from a Half Hourly to a Non-Half Hourly SVA Metering System	
4. Next steps	Paul Wheeler
5. AOB & Meeting close	Elliott Harper



RECAP OF WORKGROUP MEETING 2

ΕΓΕΧΟΝ

Recap of Workgroup Meeting 2 (1 of 3)

- Workgroup Meeting 2 was held on 3 February 2021
- Elexon had identified relevant sections of BSCP514 which were related to the BSC items in Energy UK's SEG Technical Issues Log. The Workgroup reviewed the following sections (in order discussed) for sites with Import & Export and Export only, as appropriate, and identified potential changes:
 - 6.2.2 New Connection
 - 6.2.5 Change of Supplier (No Change to Metering System or Change of NHHMOA)
 - 6.2.4 Concurrent change of Supplier and NHHMOA
 - 6.3.4 Reconfigure or Replace Metering System (No Change of Measurement Class)
- A Workgroup Member suggested that a template on how to populate the D0367 'Smart Meter Configuration Details' for export sites could be included in a Elexon Guidance Note

Recap of Workgroup Meeting 2 (2 of 3)

- The Workgroup discussions identified a number of areas outside the scope of the BSC that would need to be addressed:
 - How to notify the export MPAN to NHHMOA? A number of alternative options were discussed:
 - D0001 'Request Metering System Investigation'
 - D0005 'Instruction on Action'
 - D0142 'Request for Installation or Change to a Metering System Functionality or the Removal of All Meters'
 - D0155 'Notification of Meter Operator or Data Collector Appointment and Terms' (a DTC CP would need to be raised by a MRA Party)
- The issue of contracts between Suppliers and Meter Operators would need to be considered outside of the Workgroup, but Elexon's Guidance Note could refer to the arrangements

Actions from Workgroup Meeting 2:

- 1. Elexon to check whether there has been any work undertaken to review P302 'Improve the Change of Supplier Meter read and Settlement process for smart Meters', as was suggested in Energy UK's SEG Technical Issues Log
- 2. Elexon to check on progress or any update on BSC Market Issue 8416 'Elective Half Hourly'

What's happened since Workgroup Meeting 2?

- A meeting was held on 5 March 2021 to further develop the redlining to BSCP514
- As BSCP514 is moving to the REC from 1 September 2021 as part of Retail Code Consolidation, the proposed redlined changes will need to be progressed through the REC change process

Summary of BSC items identified in Energy UK's SEG Technical Issues Log (presented at first meeting)

Issue	Details
CoS Reads process	Process should exist for SMETs CoS process for exports
Settled NHH or Elective HH?	Meter transfers between Supplier that settles elective HH to Supplier that settles as NHH
How will export Supplier be notified of import CoS?	Export Supplier needs to be notified in case of change of MOP
Will MOP inform export Supplier of meter exchange, and how?	MOP should inform both import and export Supplier of a meter exchange

Potential outcomes for Issue 91 (presented at first meeting)

- a) Re-examining the relevant procedures within BSCP504 and BSCP514 with a view to introducing changes that are more relevant to the efficient running of the export market
- b) Elexon to provide guidance to Suppliers and Supplier agents to clarify the requirements for appointing and registering export Meters, below the capacity of 30kW, within the BSC
- c) Consideration of BSC Modifications to enable the efficient running of the export market, e.g. to require MOAs to accept a Supplier's request for appointment of an export Meter for a premise or customer where they already serve that premise or customer as the import MOA, within an agreed number of days



BSCP504 WALKTHROUGH -OVERVIEW

BSCP504 walkthrough – overview (1 of 3)

- The Proposer has identified the following relevant scenarios in BSCP504 'Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS' to walkthrough at today's Workgroup Meeting:
 - 1. Supplier requests New Connection Metered Supply
 - 2. Change of NHHDC for an existing SVA Metering System not concurrent with a Change of Supplier
 - 3. Change of Supplier for an existing SVA Metering System
 - 4. Change of LDSO
 - 5. Change of Supplier No Meter
 - 6. Coincident Change of Measurement Class from NHH to a HH and Change of Supplier for HHDC-serviced Metering Systems
 - 7. Coincident Change of Supplier and Measurement Class from a Half Hourly to a Non-Half Hourly SVA Metering System

BSCP504 walkthrough – overview (2 of 3)

- We ask the Workgroup to comment on any of the individual steps, with particular reference to SEG sites
- We will capture the Workgroup's comments and consider whether a change needs to be made to BSCP504
- We will walkthrough the relevant sections of BSCP504 considering:
 - Import sites with Export
 - Export only (where appropriate)

BSCP504 walkthrough – overview (3 of 3)

- For all of the other relevant processes in BSCP504 (see examples below), the Proposer believes that the Export process will be the same as the Import process and that no changes are required, but we seek the Workgroup's views to validate this
 - 3.3.3 Energise a SVA Metering System
 - 3.3.5 Disconnection of a SVA Metering System
 - 3.3.11 Calculate AA/EAC Values and send to NHHDA and Supplier
- The Workgroup were invited to review in advance of this meeting the sections of BSCP504 that are not being walked through today to see if they should be considered by the Workgroup



SUPPLIER REQUESTS NEW CONNECTION -METERED SUPPLY

ELEXON

BSCP504

Non-Half Hourly Data Collection

Version 46.0

3.2 Registration Activities.

3.2.1 Supplier requests New Connection - Metered Supply.

REF	WHEN	ACTION	FROM	то	INFORMATION REQUIRED	METHOD
3.2.1.1	On appointment of a new NHHDC	Send notification of appointment and associated Agent details to the NHHDC.	Supplier ¹⁰ .	NHHDC.	D0148 Notification of Change to Other Parties.	Electronic or other method, as agreed.
					D0155 Notification of New Meter Operator or Data Collector Appointment and Terms.	
					D0302 Notification of Customer Details	
3.2.1.2	Within 10 WD of completion of Meter installation.	Send NHH Metered Data, including MTD, energisation status and initial Meter register reading, where obtained.	MOA. ¹¹	NHHDC. NHHDC, Supplier, LDSO. NHHDC Supplier	D0010 Meter Readings. D0149 Notification of Mapping Details D0150 Non-Half Hourly Meter Technical Details. D0313 Auxiliary Meter Technical Details (in accordance with Appendix 4.20)	
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 SMRA	D0052 Affirmation of Metering System Settlement Details. D0205 Update Registration Details See Appendix 4.12 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow.	Electronic or other method, as agreed.

Proposer's thoughts:

- Does the Data Collector need to know at the point they are appointed that they are being appointed for an export MPAN?
 - Even if they don't necessarily need it, will they get this information on the D0155 anyway as a result of changes we have already discussed for BSCP514?
- Suppliers will need to know what to send on the D0052 which should align to the data sent to the MOA on the D0367
 - This might be included in guidance rather than in the BSCP



CHANGE OF NHHDC FOR AN EXISTING SVA METERING SYSTEM NOT CONCURRENT WITH A CHANGE OF SUPPLIER

Change of NHHDC for an existing SVA Metering System not concurrent with a Change of Supplier – 3.2.3

BSCP504

Non-Half Hourly Data Collection

Version 46.0

3.2.3 Change of NHHDC for an existing SVA Metering System not concurrent with a Change of Supplier¹⁴

REF	WHEN	ACTION	FROM	то	INFORMATION REQUIRED	METHOD
3.2.3.1	By 12 WD prior to effective date of DC appointment.	Send notification of appointment. The Supplier will notify the New NHHDC if the Metering System has a smart Meter using the Contract Reference (or by other means, as agreed).	Supplier.	New NHHDC.	D0155 Notification of New Meter Operator or Data Collector Appointment and Terms.	Electronic or other method, as agreed.
3.2.3.2	By 7 WD prior to effective date of DC appointment.	Send confirmation of appointment acceptance.	New NHHDC.	Supplier.	D0011 Agreement of Contractual Terms.	Electronic or other method, as agreed.
3.2.3.3	By 5 WD prior to effective date of DC appointment.	Send associated Agent details.	Supplier ¹⁵ .	New NHHDC, MOA	D0148 Notification of Change to Other Parties. D0302 Notification of Customer Details	Electronic or other method, as agreed.
3.2.3.4	By 3 WD prior to effective date of DC appointment.	Send notification of de-appointment.	Supplier.	Old NHHDC ¹⁶ .	D0151 Termination of Appointment or Contract by Supplier.	Electronic or other method, as agreed.
3.2.3.5	Between -7 WD and the de- appointment date.	Send request to provide Meter register reading and associated AA/EAC history to new NHHDC.	Supplier.	Old NHHDC.	D0170 Request Metering System Related Details.	Electronic or other method, as agreed.
3.2.3.6	Within 5 WD of de-appointment ¹⁷ .	Send Meter register reading and associated AA/EAC history ¹⁸ .	Old NHHDC.	New NHHDC.	Appendix 4.8 – Historical Data Requirements.	Electronic or other method, as agreed.

Proposer's thoughts:

- Does the Data Collector need to know at the point they are appointed that they are being appointed for an export MPAN?
 - Even if they don't necessarily need it, will they get this information on the D0155 anyway as a result of changes we have already discussed for BSCP514?



CHANGE OF SUPPLIER FOR AN EXISTING SVA METERING SYSTEM

ELEXON

BSCP504

Non-Half Hourly Data Collection

Version 46.0

3.2.6 Change of Supplier for an existing SVA Metering System.²³

REF	WHEN	ACTION	FROM	то	INFORMATION REQUIRED	METHOD			
For all S	For all SVA NHH Metering Systems								
3.2.6.1	As required.	Send appointment. The Supplier will notify the new NHHDC if the Metering System has a DCC serviced smart Meter.	New Supplier.	New NHHDC.	D0155 Notification of New Meter Operator or Data Collector Appointment and Terms.	Electronic or other method, as agreed.			
3.2.6.2	If appointment rejected and within 2 WD of 3.2.6.1	Send notification of rejection of appointment including the reason why the request has been rejected.	New NHHDC	New Supplier	D0261 Rejection of Agent Appointment. Go to 3.2.6.1 if required	Electronic or other method, as agreed.			
3.2.6.3	If appointment accepted and within 2 WD of 3.2.6.1	The new NHHDC will confirm appointment with the new Supplier.	New NHHDC.	New Supplier.	D0011 Agreement of Contractual Terms.	Electronic or other method, as agreed.			
3.2.6.4	On appointment of NHHMOA and within 1 WD of 3.2.6.3 ²⁴	Send notification of old NHHDC, new NHHDA and new NHHMOA (as applicable). For DCC serviced SVA NHH Metering Systems ²⁵ , proceed to 3.2.6.40. For non DCC serviced NHH Metering Systems, where the new NHHDC is the same as the old NHHDC, proceed to 3.2.6.9.	New Supplier	New NHHDC	D0148 Notification of Change to Other Parties.	Electronic or other method, as agreed.			

Proposer's thoughts:

- Does the Data Collector need to know at the point they are appointed that they are being appointed for an export MPAN?
 - Even if they don't necessarily need it, will they get this information on the D0155 anyway as a result of changes we have already discussed for BSCP514?
- Suppliers that are gaining export customers with smart meters will need to set the 'Smart CoS Process Indicator' appropriately
 - In the discussions on BSCP514 I think we agreed that this would be set to 'N' for export MPANs as the SSC for an MPAN is not going to change as the result of a CoS, unlike import
- Are deemed CoS reads acceptable as the basis of payments under the SEG should suppliers be taking steps to avoid deemed CoS reads?
 - In the licence suppliers can only make SEG payments based on "Export Meter Readings" which means the measure by an Export Meter of the amount of Export does a deemed reading meet that definition?
 - If deemed reads need to be avoided, this might be something that might need to be in guidance or a footnote rather than a specific obligation
- Is there anything else that might need to change in the non-smart CoS process to account for export nothing springs to mind but it would be useful to see if anyone else has any concerns

CHANGE OF LDSO

BSCP504

Non-Half Hourly Data Collection

Version 46.0

3.2.7 Change of LDSO

REF	WHEN	ACTION	FROM	то	INFORMATION REQUIRED	METHOD
3.2.7.1		Send appointment details to the new NHHDC, including the details of the current Agents.	Supplier	New NHHDC	D0155 Notification of Meter Operator or Data Collector Appointment and Terms	Electronic or other method, as agreed.
					D0148 Notification of Change to Other Parties	
					D0052 Affirmation of Metering System Settlement Details	
					D0302 Notification of Customer Details	
				SMRA	D0205 Update Registration Details	
3.2.7.2	Once appointed to SVA MSID by Supplier. Send the MTD to the new NHHDC. MOA. New NHHDC.	Send the MTD to the new NHHDC.	MOA.		D0149 Notification of Mapping Details.	Electronic or other
		NHHDC.	D0150 Non-Half Hourly Meter Technical Details.	method, as agreed.		
					D0313 Auxiliary Meter Technical Details (in accordance with Appendix 4.20)	
3.2.7.3	On date of change of LDSO	Where actual Meter register reading required:				
		Send request to obtain an actual Meter register reading.	Supplier.	Old NHHDC.	D0170 Request for Metering System Related Details	Electronic or other method, as agreed.
		The old NHHDC will obtain a Meter register reading where instructed by the Supplier	Old NHHDC			Internal Process.

Proposer's thoughts:

- Does the Data Collector need to know at the point they are appointed that they are being appointed for an export MPAN?
 - Even if they don't necessarily need it, will they get this information on the D0155 anyway as a result of changes we have already discussed for BSCP514?



CHANGE OF SUPPLIER – NO METER

ELEXON

BSCP504

Non-Half Hourly Data Collection

Version 46.0

3.2.8 Change of Supplier – No Meter

REF	WHEN	ACTION	FROM	то	INFORMATION REQUIRED	METHOD
3.2.8.1	By New Supplier SSD	Send appointment. The Supplier will notify the new NHHDC if the Metering System has a DCC serviced smart Meter.	New Supplier.	New NHHDC.	D0155 Notification of New Meter Operator or Data Collector Appointment and Terms.	Electronic or other method, as agreed.
3.2.8.2	If appointment rejected and within 2 WD of 3.2.8.1	Send notification of rejection of appointment including the reason why the request has been rejected.	New NHHDC	New Supplier	D0261 Rejection of Agent Appointment. Go to 3.2.8.1 if required	Electronic or other method, as agreed.
3.2.8.3	If appointment accepted and within 2 WD of 3.2.8.1	The new NHHDC will confirm appointment with the new Supplier.	New NHHDC.	New Supplier.	D0011 Agreement of Contractual Terms.	Electronic or other method, as agreed.
3.2.8.4	On appointment of NHHMOA and within 1 WD of 3.2.8.3 ⁵⁶	Send notification of old NHHDC, new NHHDA and new NHHMOA (as applicable).	New Supplier	New NHHDC	D0148 Notification of Change to Other Parties.	Electronic or other method, as agreed.
3.2.8.5	As required and within 1 WD of 3.2.8.4 and once registration notification received.	Send request to old NHHDC to send Meter register reading and associated EAC.	New NHHDC.	Old NHHDC.	D0170 Request for Metering System Related Details.	Electronic or other method, as agreed.

Proposer's thoughts:

- Does the Data Collector need to know at the point they are appointed that they are being appointed for an export MPAN?
 - Even if they don't necessarily need it, will they get this information on the D0155 anyway as a result of changes we have already discussed for BSCP514?
 - This is even less likely to happen in practice for an export MPAN than it is for import and customers without a meter don't usually switch SEG provider



COINCIDENT CHANGE OF MEASUREMENT CLASS FROM NHH TO A HH AND CHANGE OF SUPPLIER FOR HHDC-SERVICED METERING SYSTEMS

Coincident Change of MC from NHH to a HH and CoS for HHDC-serviced Metering Systems – 3.3.1

BSCP504

Non-Half Hourly Data Collection

Version 46.0

3.3 Metering Activities.

3.3.1. Coincident Change of Measurement Class from NHH to a HH and Change of Supplier for HHDC-serviced Metering Systems⁵⁹,⁶⁰.

REF	WHEN	ACTION	FROM	то	INFORMATION REQUIRED	METHOD
3.3.1.1	Prior to CoMC date change.	Send notification of termination of appointment.	Old Supplier ⁶¹ .	NHHDC.	D0151 Termination of Appointment or Contract by Supplier. The old NHHDC becomes de-appointed on SSD-1.	Electronic or other method, as agreed.
3.3.1.2	By SSD+5.	Send final Meter register reading(s) or notification that Meter register reading not obtainable and notification that this is a coincident CoS. Notification of Meter removal (or that Meter is no longer NHH)	NHHMOA.	NHHDC.	D0010 Meter Readings or D0002 Fault Resolution Report or Request for Decision on Further Action (use the "Additional Information" field to indicate that this is a coincident change). D0150 Non-Half Hourly Meter Technical Details.	Electronic or other method, as agreed.
3.3.1.3	By SSD+8.	If Meter register reading(s) obtained, validate Meter register reading(s).	Current NHHDC.		Appendix 4.2 - Validate Meter Data, Appendix 4.6 – Manual Adjustment of Meter Reading(s).	Internal Process.
3.3.1.4	By SSD+8.	If valid Meter register reading(s), produce and send Valid Data Report.	Current NHHDC.	Old Supplier ⁶² , LDSO.	D0086 Notification of Change of Supplier Readings. Refer to section 3.3.11 Calculate AA/EAC Values and send to NHHDA and Supplier	Electronic or other method, as agreed.

Coincident Change of MC from NHH to a HH and CoS for HHDC-serviced Metering Systems – 3.3.1

Proposer's thoughts:

 As far as I am aware the export process will be the same as the import process – no changes required, but we need to validate this with the group



COINCIDENT CHANGE OF SUPPLIER AND MEASUREMENT CLASS FROM A HALF HOURLY TO A NON-HALF HOURLY SVA METERING SYSTEM

BSCP504

Non-Half Hourly Data Collection

Version 46.0

3.3.2. Coincident Change of Supplier and Measurement Class from a Half Hourly to a Non-Half Hourly SVA Metering System⁶⁰.

REF	WHEN	ACTION	FROM	то	INFORMATION REQUIRED	METHOD
3.3.2.1		Send notification to NHHDC of appointment to NHH SVA MS.	New Supplier.	NHHDC.	D0148 Notification of Change to Other Parties.	Electronic or other method, as agreed.
		Also send details of the NHHDA and NHH MOA for the SVA MS to the NHHDC.			D0155 Notification of new Meter Operator or Data Collector Appointment and Terms.	
					D0302 Notification of Customer Details	
3.3.2.2	Within 10 WD of	Send MTD.	NHHMOA	New	D0149 Notification of Mapping Details.	Electronic or other
	installation of Metering system. NHHDC, LDSO. NHHDC New Supplier			NHHDC,	D0150 Non-Half Hourly Meter Technical Details.	method, as agreed.
				NHHDC	D0313 Auxiliary Meter Technical Details	
			(in accordance with Appendix 4.20)			
		Send initial Meter register reading		NHHDC	D0010 Meter Readings.	
3.3.2.3	Within 5 WD of receipt of D0150	Send notification of SVA Metering System details, including initial (class average)	Supplier.	NHHDC. SMRA	D0052 Affirmation of Metering System Settlement Details.	Electronic or other method, as agreed.
	from the MOA	EAC to the NHHDC.			D0205 Update Registration Details	
					See Appendix 4.12 – Usage and Validation of Affirmation of Metering System Settlement Details (D0052) Flow	
3.3.2.4	On receipt of D0052 and D0150	Validate D0052. Check for discrepancies between the Metering System Settlement	NHHDC		See Appendix 4.12 – Usage and Validation of Affirmation of Metering	Internal

Proposer's thoughts:

- Does the Data Collector need to know at the point they are appointed that they are being appointed for an export MPAN?
 - Even if they don't necessarily need it, will they get this information on the D0155 anyway as a result of changes we have already discussed for BSCP514?
 - This is even less likely to happen in practice for an export MPAN than it is for import and customers without a meter don't usually switch SEG provider.
- Apart from that, as far as I am aware the export process will be the same as the import process no changes required, but we need to validate this with the group.



NEXT STEPS

ELEXON

Next steps

- · Consider any actions from this meeting
- Meeting notes to be sent to Issue Group Members
- Issue 91 Workgroup Meeting 4 to be scheduled?

Outcomes of Issue 91:

- Progress BSCP514 redlined changes in the REC
- BSC Change Proposal to implement proposed redlining to BSCP504
- Update Guidance Notes as appropriate:
 - <u>'Microgeneration and the Balancing and Settlement Code'</u>
 - <u>'Metering Demand Sites with generating equipment installed (Import Export metering systems)'</u>
- Would any Issue 91 Workgroup Members be willing to help review these Guidance Notes?
- Any Other Business?

ELEXON

THANK YOU

Paul Wheeler

Paul.Wheeler@elexon.co.uk

BSC.Change@elexon.co.uk

2 July 2021