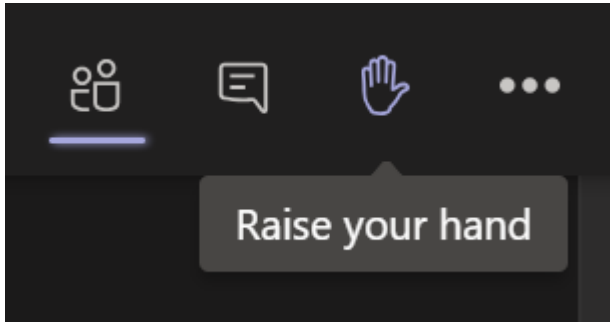


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## Issue 91 Virtual Meeting Etiquette

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- Welcome to the Issue 91 Workgroup Meeting 1 – we'll start shortly
- No video please to conserve bandwidth
- Please stay on mute unless you need to talk – use the **Raise your hand** feature in the Menu bar in Microsoft Teams if you want to speak



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

# ELELEXION

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## Issue 91 Workgroup 1

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Registration and Settlement of Smart Export  
Guarantee (SEG) sites

8 December 2020

## Meeting Agenda & Objectives

- Consideration of the background to Issue 91
- Review and agreement of issues which have been identified
- Next steps

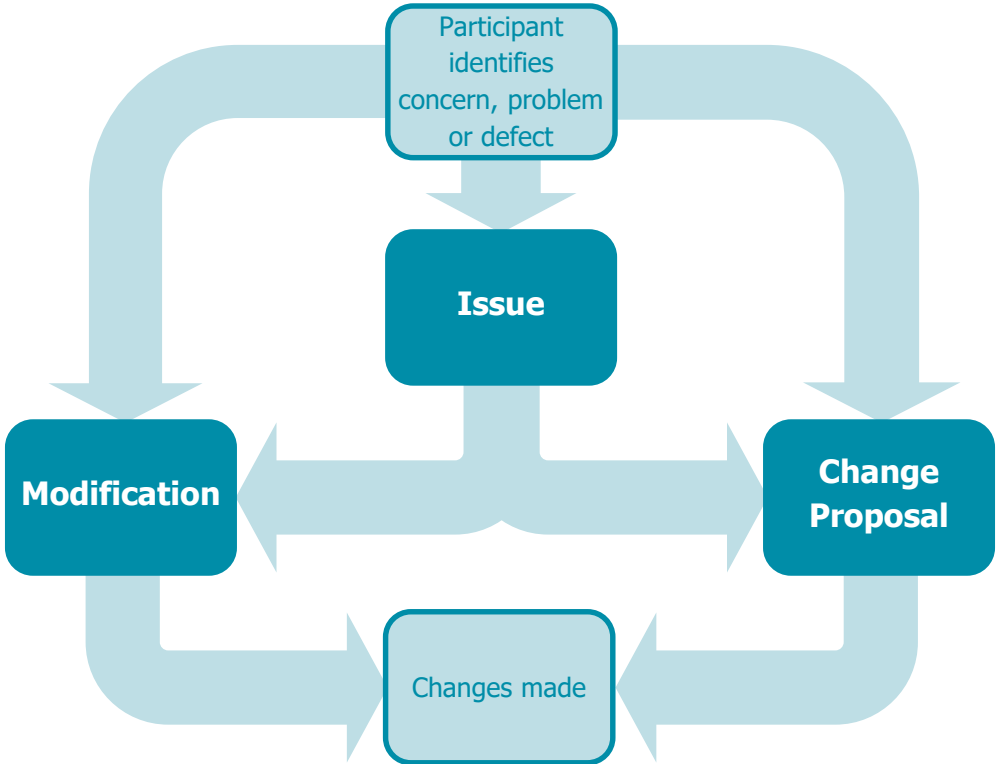
Agenda Item	Lead
1. Welcome and Meeting objectives	Elliott Harper (Chair)
2. BSC Issue process	Paul Wheeler (Lead Analyst)
3. Background to Issue 91	Martin Pearce & Paul Saker (Proposer – EDF)
4. Issue 91 scope	Kevin Spencer (Design Authority)
5. Review of BSC items in SEG Technical Issues Log	Kevin Spencer
6. Group discussion	Workgroup
7. Next steps	Paul Wheeler
8. AOB & Meeting close	Elliott Harper



# BSC ISSUE PROCESS

# BSC Changes

		Will my solution amend the BSC?	
		Yes	No
Do I have a clear solution?	Yes	Modification	CP
	No	Issue	Issue



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## BSC Issue process

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- These are problems or potential issues with the current arrangements whereby the solution is unknown or undefined, so once raised will be discussed by an industry expert Issue Group to consider possible solutions
- Raised if participant wants to discuss an issue or concern
- Issue Group convened to discuss the Issue
- Issue Group will consider any ways forward e.g. solution (any BSC Party can take forward the outcomes of an Issue e.g. BSC Modification/Change Proposal), extra guidance, no change
- We will prepare a final Issue report for the BSC Panel

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## BSC Issue – Issue Group membership

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- The Issue Group shall have a Chair and Secretary, provided by Elexon
- The Proposer of the Issue is considered an Issue Group member
- The Issue Group shall comprise of at least five members who have volunteered to join the Issue Group and have relevant experience and/or expertise in the areas forming the subject matter of the Issue(s) to be considered by the Issue Group
- Where an Issue Group member is unable to attend a meeting, they may appoint an alternate. The alternate, like the Issue Group member, shall act impartially and independently. Where an alternate attends a meeting, they shall be considered as an Issue Group member for that meeting



# BACKGROUND TO ISSUE 91



# Issue 91

Registration and Settlement of Smart Export Guarantee (SEG) sites



# Background

- The Smart Export Guarantee (SEG) obligates licensed electricity Suppliers to offer a tariff and make payment to small-scale low-carbon generators for exported electricity from 1 January 2020
- Introduced the need to register and settle export MPANs in accordance with the BSC arrangements, for generators with capacity up to 5MW
- For small scale exports sites (i.e. domestic):
  - There is no established market
  - Arrangements for Non Half Hourly (NHH) sites introduced by BSC Modification P081 ‘Removal of the Requirement for Half Hourly Metering on Third Party Generators at Domestic Premises’ have not been fully tested

# Background

- These arrangements are described in:
  - BSCP504 ‘Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS’
  - BSCP514 ‘SVA Meter Operations for Metering Systems Registered in SMRS’
- A number of scenarios question whether existing processes for the import market are fit for purpose for the export market and for the use of shared smart Meters
- Issue 91 was raised by EDF on 5 November 2020

## Why EDF raised Issue 91

- The introduction of SEG raised a number of issues with NHH export process – see EUK issues list
- Small numbers of meters but with disproportionate need for resource to manage as a result
- Increased interest in EV, battery, heat pumps, small scale renewable at domestic level means a growing market
- Barriers prevent accurate settlement for suppliers increasing cost to serve
- Also prevent effective switching for export generators giving a poor customer journey
- Longer term need for process to enable transition to market-wide HH settlement

## Aim of raising Issue 91

- The BSC should allow for export at smaller scale generation (i.e. below 30kW) to ensure that the SEG scheme is workable
- This market is only going to increase following the introduction of the SEG, the continued roll out of smart Meters capable of recording export, and as we move toward potential mandatory settlement of half hourly data for all consumers
- To ensure the efficient running of the BSC, the current processes should be re-examined for the relevance to this increasing export market



# ISSUE 91 SCOPE

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## Issue 91 Scope (1 of 2)

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- Energy UK convened three meetings in 2020 to discuss issues with Smart Export Guarantee (SEG) sites
- The **SEG Technical Issues Log** contains details of issues that were identified during these meetings
- This Log has been shared by the Proposer with Elexon and the Issue 91 Workgroup, with permission of Energy UK
- The Log holds issues that have been identified and the relevant Code(s) impacted by each issue
- Each BSC item will be presented and discussed by the Workgroup
- The items will then be reviewed and prioritised by the Workgroup

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## Issue 91 Scope (2 of 2)

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- We will present each of the BSC items in the SEG Technical Issues Log for discussion
- We ask the Workgroup to consider:
  - Is it an accurate description of the issue?
  - Do you have any further comments to add on each issue?
  - Are there additional issues which should be included for consideration in the scope of Issue 91





# REVIEW OF BSC ITEMS IN SEG TECHNICAL ISSUES LOG

## Export Change of Supplier process (1 of 3)

Issue	Comments
The CoS read process - BSCP504 includes a separate process for generating CoS readings where the meter going through CoS is enrolled in the DCC. This process will not work for export meters as they have different registers (and is not required as there is a single export register)	Export CoS will always require a D0086 start/end gain/loss reading for both import and export, This process currently exists for NHH import/export AMR meters and should exist for SMETs CoS process for exports. The NHHDC will always need to process the D0086. The only time CoS gain/loss reading is not required is in the HH settlement market

Additional comments from SEG Technical Issues Log:

- Clarity or guidance could be incorporated into work being undertake to review P302 'Improve the Change of Supplier Meter read and Settlement process for smart Meters'
- Still an issue being faced by suppliers. Elexon guidance out of date

## Export Change of Supplier process (2 of 3)

Issue	Comments
There is a known issue with meters transferring between suppliers that settle them on an elective HH basis and those that settle them on an NHH basis - these same problems could affect SEG customers	Transfers between suppliers for SMETs export (note industry Market Domain Data MDD) would require the top line for SMETs export to be Profile Class 08 in order to match the SSC (Standard Settlement Configuration) for the export side of the meter

Additional comments from SEG Technical Issues Log:

- Already work underway to review import issues with elective HH, which could incorporate export
- Still an issue being faced by suppliers. Elexon were going to look at elective HH, but work has been waysided due to COVID

## Export Change of Supplier process (3 of 3)

Issue	Comments
How will an export supplier be notified of an Import CoS?	Clarification: it is not so much the CoS event itself that the export supplier would be interested in, but a potential change of MOP that would result from the CoS as they are obliged to appoint the same MOP as the import supplier. This could also arise just from the import supplier just changing their MOP

Additional comments from SEG Technical Issues Log:

- Gap in current processes
- Would require BSC Change Proposal to be raised to rectify in the long-term, although perhaps not until Central Switching Service (CSS) is introduced
- Ofgem could be approached to assess the merits of introducing a short-term change

## Metering

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Issue	Comments
Will a MOP inform an export supplier of a meter exchange? If so, how?	If a MOP has changed a meter, there is standard process to inform the supplier that appointed the MOP. The MOP should send D0149/150 to each supplier appointed for the meter asset

Additional comments from SEG Technical Issues Log:

- Although implied in rules, not explicit that MOPs need to check for associated export supplier and send details
- Falls under the BSC and clarification will be needed to make that step explicit, which may not be possible prior to code consolidation
- Could approach Ofgem to scope options for short-term change

## Prioritisation of issues identified

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

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## Potential outcomes for Issue 91

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- 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



# NEXT STEPS





# ELEXON

## THANK YOU

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**Paul Wheeler**

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8 December 2020