# ELEXON

#### P395 Webinar

P395 - Aligning BSC Reporting with EMR Regulations – an enduring solution

21 September 2023

# **Objectives**

- Engage the industry by providing common understanding, generating interest and having active participation
- Provide detailed understanding of what P395 changes are how they will be implemented
- o Invite you to take part in familiarisation with the new Kinnect screens
- These presentation slides, the webinar video and FAQs will be uploaded to the November release webpage

# Agenda

	Торіс	Presenter	Time
1	Introduction and objectives	Chris Lock	10:30-10:35
2	P395 Overview	Colin Berry	10:35-11:00
3	The new Kinnect process	Freya Gardner	11:00-11:15
4	Familiarisation with new screens	Diljot Gulshan	11:15-11:30
5	Q&A and Close	All	11:30-12:00

# P395 overview

○ P395 'Aligning BSC Reporting with EMR Regulations – an enduring solution'

- Approved on 6 October 2022
- Implementation Date: 2 November 2023
- Replaces EMRS "Interim Solution" and expands solution
- Does NOT impact Settlement calculations
- BSC Systems impacted:
  - Supplier Volume Allocation Agent (SVAA)
    - Customer Solution
    - Data & Calcs Platform
  - Settlement Administration Agent (SAA)
  - Elexon Portal

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### **P395 Overview**

**Colin Berry** 

21 September 2023

# What issue does P395 address?

- Currently, EMRS calculates Final Consumption Levy (FCL) charges based on BM Unit Gross Demand (SAA-I042)
  - Except for "Interim Solution" for SVA sites with no Final Demand
  - Excludes total metered volume for applicable MSID
- BEIS / Ofgem regulations electricity consumed by Generation or Battery Storage operating under Generation licence should not be treated as Demand for the purposes of FCLs
- P395 'Aligning BSC Reporting with EMR Regulations an enduring solution'
  - Migrates Interim Solution (for SVA sites with no Final Demand) to BSC Systems as enduring solution ('EMR MSID' solution)
  - New solution for SVA sites with Final Demand ('EMR AMSID' solution)
  - New solution for CVA sites with no Final Demand ('EMR CVA BM Unit' solution)

• P395 - does not address issue for Exempt Export MSIDs – P442 will do

# How will P395 do it? Declaration Types

- Suppliers and CVA Registrants can notify BSC Systems of sites that qualify for a reduced FCL charge by submitting an EMR Declaration
  - ➢ 3 types of EMR Declaration
    - EMR MSID Declaration
      - submitted by Supplier
      - for SVA site with no Final Demand
    - EMR AMSID Declaration
      - submitted by Supplier
      - for SVA site with Final Demand
    - EMR CVA BM Unit Declaration
      - submitted by CVA Registrant
      - for CVA site with no Final Demand

# How will P395 do it? Derivation of non-chargeable demand (1)

# • EMR MSID Declarations:

- Supplier must submit declaration including following details:
  - Import MSID
  - Export MSID
  - Generation Licence holder name (from Ofgem list)
  - Generation Licence holder company number (from Ofgem list)
- Similar process to P419, but Declaration data should be entered into Customer Solution by the Supplier
- Evidence of Generation Licence not required with Declaration, but should be available for Audit purposes

# • EMR MSID Calculations:

- 100% of the Metered Volume for the Import MSID is deemed "non-chargeable demand"
- SVAA (DCP) aggregates all declared MSID volumes by Supplier BM Unit to give "Supplier BM Unit non-chargeable demand"
- SVAA (DCP) sends "Supplier BM Unit non-chargeable demand" to SAA

# How will P395 do it? Derivation of non-chargeable demand (2)

# ○ EMR CVA BM Unit Declarations:

- CVA Registrant must submit declaration including following details:
  - CVA BM Unit (Type E or T only)
  - Generation Licence holder name (from Ofgem list)
  - Generation Licence holder company number (from Ofgem list)
- Similar process to P419, but Declaration data should be entered into Customer Solution by the CVA Registrant
- Evidence of Generation Licence not required with Declaration, but should be available for Audit purposes

# • EMR CVA BM Unit Calculations:

- Customer Solution sends CVA BM Unit Id and Declaration EFD to SAA
- For Settlement Periods where a CVA BM Unit is net importing
  - 100% of the Metered Volume is deemed "non-chargeable demand"
  - SAA sets Demand to 0 MWh

# How will P395 do it? Derivation of non-chargeable demand (1)

# • EMR AMSID Declarations:

- Supplier must submit declaration including following details:
  - Boundary Point MSID Pair(s) (*if* >1 *import MSID, must have the same Supplier*)
    - Import MSID
    - Export MSID
  - Asset Metering System AMSID Pairs one for each qualifying 'Facility'
    - Import AMSID
    - Export AMSID
  - Generation Licence holder name (from Ofgem list)
  - Generation Licence holder company number (from Ofgem list)
- Similar process to P419, but Declaration data should be entered into Customer Solution by the CVA Registrant
- Evidence of Generation Licence not required with Declaration, but should be available for Audit purposes
- Each Generation and / or Storage facility at the site must be registered as an Asset to obtain an AMSID Pair
- Not all Metered Volume for the Import MSID(s) is "non-chargeable demand"...

# How will P395 do it? Derivation of non-chargeable demand (3)

# o EMR AMSID Declarations:

- SVAA (DCP) needs to know:
  - The metered volumes for all Boundary Point MSIDs (Import and Export); and
  - The volumes of electricity flowing into and out of each Generator and / or Battery
- SVAA (DCP) calculates:
  - The total volume of Final Demand
  - The total volume of non-chargeable demand
  - % proportion of non-chargeable demand
  - The volume of non-chargeable demand for each Import MSID
- SVAA (DCP) aggregates all declared MSID volumes by Supplier BM Unit to give "Supplier BM Unit non-chargeable demand"
- SVAA (DCP) sends "Supplier BM Unit non-chargeable demand" to SAA

# **EMR AMSID Declarations – Asset Registration by a Supplier**

# • EMR AMSID Declaration must contain AMSID Pair for each Generator / Battery

- Each Generator and Battery must be registered as an Asset to obtain an AMSID Pair
  - Using modified P375 Solution
  - Supplier can register Assets (*as well as AMVLP*)
  - Supplier can only use AMSID Pairs for inclusion in EMR AMSID Declarations
  - AMVLP can only use AMSID Pairs for allocation in Secondary BM Unit
  - The same AMSID Pair can by used by 1 Supplier and 2 AMVLPs (where Assets meet criteria for both processes)
- Supplier can become registrant of Asset registered by AMVLP (& vice versa)
- Potential for Supplier and AMVLP to both attempt to register the same Asset
  - The same Asset should not be registered twice
  - Difficult for PMP to identify duplication before Registration Stage 3
  - Asset which has completed Registration Stages 1 & 2 could be rejected in Stage 3

# **Reporting Non-Chargeable Demand for EMR MSID & AMSID Declarations**

# DCP will send Non-Chargeable Demand to SAA

- New SAA-I057 "Supplier BM Unit Non-Chargeable Demand" (aka P0338)
- Includes all Non-Chargeable Demand calculated in both processes
- Produced for each Volume Allocation Run

# • SAA will calculate:

- TLM-adjusted Supplier BM Unit Non-Chargeable Demand (from P0338)
- o TLM-adjusted BM Unit Chargeable Demand for Supplier BM units
- TLM-adjusted BM Unit Chargeable Demand = 0 for qualifying CVA BM units

# **New Settlement Solution Reporting**

# o 'BM Unit Gross Demand Report' (SAA-I042) sent to EMRS will

- o Be renamed to 'BM Unit Chargeable Demand Report'
- Include 'TLM-Adjusted BM Unit Chargeable Demand' instead of 'TLM-Adjusted BM Unit Chargeable Demand'
- New 'Aggregated BM Unit Non-Chargeable Demand Report' (SAA-1058)
  - Produced on 6<sup>th</sup> WD of each calendar month for each Settlement Run
    - Total TLM-Adjusted BM Unit Non-Chargeable Demand
      - By GSP Group for SVA BM Units
      - Single value for CVA BM Units
  - Published on Elexon Portal for 12 months

# Where can I find supporting information?

'BSCP602 'SVA Metering Systems and Asset Metering Systems Register

- New EMR Declarations processes:
  - Section 3.15 submission of EMR Declarations
  - Section 3.16 withdrawal of EMR Declarations
  - Section 3.17 enforced withdrawal of EMR Declarations
- Amended Asset Metering System registration processes
  - Section 2.9 Asset Registration
  - Section 2.10 Registration of Asset Metering System Agents
  - Section 2.11 Registration of Asset Meter Details
- New forms for 3 types of EMR Declarations
  - Section 3.1.4.5 F602/04 EMR MSID Declaration form
  - Section 3.1.4.6 F602/05 EMR AMSID Declaration form
  - Section 3.1.4.7 F602/06 EMR CVA BM Unit Declaration form
  - Section 3.1.4.5 Director's Declaration of Generation Licence

# IDD Part 1 Spreadsheet for Asset Metering Registration P-flows (P0297-P0305)

QUESTIONS

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### **Kinnect Customer Solution**

Freya Gardner

21 September 2023

# DECLARATIONS

#### **EMR Declarations**



#### **EMR AMSID Declaration (Final Demand)**



#### **Register EMR AMSID Declaration**

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This page allows you to register a new Electricity Market Reform (EMR) AMSID Declaration by entering the required details on the Declaration form. Please ensure you have read the Guidance note and BSCP602 form for more details on the Declaration.

#### **Declaration Details**

Please enter your Declaration Details for this Declaration.

MPID Select MPID
Effective From Date ()

Post Code 🛈

•

Effective From Date

**Generation Licence Details** 

Please enter your Generation Licence Details for this Declaration.

Licensee Company Name

Licensee Company Number ()

#### MSID Pair(s)

Please enter the Boundary Points for the Assets in this Declaration.

MPORT MSID	*EXPORT MSID	0
SSP Group	SVA Site Id 🔀	
Q		

#### Asset and AMSID Pair Details

Please provide your Asset and AMSID Pair details for this Declaration.

	Select an Option	¥
Cancel	Save	as Draft
	19 <u>-</u>	

#### **EMR MSID Declaration (Non-Final Demand)**



#### **Register EMR MSID Declaration**

This page allows you to register a new Electricity Market Reform (EMR) MSID Declaration by entering the required details on the Declaration form. Please ensure you have read the Guidance note and BSCP602 form for more details on the Declaration.

#### **Declaration Details**

Please enter your Declaration Details for this Declaration.

MPID Select MPID
Effective From Date

Post Code 🗊

#### **Generation Licence Details**

Please enter your Generation Licence Details for this Declaration.

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Licensee Company Name 🛈

Licensee Company Number 🛈

#### MSID Pair

Please enter your MSID Pair for this Declaration.

Import ①	Export	
GSP Group		
Q		

#### **Generation Facility Details**

Please enter your Generation Facility Details for this Declaration.

FACILITY CATEGORY	0
Select an Option	•
	Save as Draft
	Submit
	Select an Option

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#### **CVA BM Unit Declaration (Non-Final Demand)**



#### Register EMR CVA BM Unit Declaration

This page allows you to register a new EMR CVA BM Unit Declaration by entering the required details on the Declaration form. Please ensure you have read the Guidance note and BSCP602 form for more details on the Declaration.

#### **Declaration Details**

Please enter your Declaration Details for this Declaration.

CVA BM Unit	Role 🕕
Q	Select Role 💌
Post Code	Effective From Date 🕕
	苗

#### **Generation Licence Details**

Please enter your Generation Licence Details for this Declaration.

Licensee Company Name 0	Licensee Company Number 🜒

#### **Generation Facility Details**

Please enter your Generation Facility Details for this Declaration.

FACILITY NAME	FACILITY CATEGORY	
	Select an Option	*
Cancol		
Cancer		Save as Draft

#### **Declaration Revisions**



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# ASSET REGISTRATION

### **Key Process Steps for AMSID Pairs**



#### **AMSID Pair Registration**



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# Asset Registration 1 of 2

	KINNECT	
	MANAGE ASSETS     ASSETS HISTORY     MANAGE QMIJS     MANAGE GC/DC BREACHES     MANAGE MSID PAIRS     MSID STATUS REPORT     MANAGE MSID DISPUTES     MANAGE AMSID PAIRS     ALLOCAT PAI       My Company Options     >     My Assets     >     Manage AMSID Pairs     >     Register AMSID	AMSID ≷S
P395 stages	Register Asset       Contact information         BSC Service Desk       BSC Service Desk         bscservicedesk@cgi.com       Bscservicedesk@cgi.com	
	1 - Register Asset 2 - Register Asset Metering Agents 3 - Register Asset Meter(s)	
AMSID Pair Registration	Select Bole     Guidance Documents	
riegieuration	Asset Details	
1 - Asset	*Asset Registration Id © View AMSID Pair Files  AMSID Pair Files	
Registration	Date The end date of the AMSID pair must be less than or equal to the earliest end date of the associated Boundary Point MSID(s), if the end date of the AMSID	
2 - Register	pair is not provided it will be set to the earliest end date of the associated Boundary Point MSID(s).  Effective From Date  Effective To Date  Ffective To Date Ffective To Date  Ffective To Date Ffective To Date Ffective To Date Ffective To Date Ffective To Date Ffective To Date F	
Agents	Export AMSID Required Indicator O	
3 - Asset Meter	AMSIDs Import AMSID © Export AMSID ©	
Registration	Asset Location	
	• GSP Group     * Measurement Class Id       Select     Select	

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## Asset Registration 2 of 2

	AMSID Pair Addre	SS	
	* Address Line 1	Address Line 2	Address Line 3
P395 stages	Address Line 4	Address Line 5	Address Line 6
	* Postcode		
AMSID Pair	Asset Technical De	etail	
Registration	* Asset Type 🕼		
	* Asset Voltage 🛈		
1 - Asset Registration	* Asset Capacity 🕥		
	* Measurement Transformer In Select	ndicator 🕄	
2 - Register Asset Metering Agents	Associated Bou	undary Point MSID D	etails
	* Import MSID	SVA Site Id	0
3 - Asset Meter Registration	Export MSID		v
	Cancel		Save

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#### **Asset Metering Agent Registration**



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#### **Asset Meter Registration**



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## Uploading and downloading files

Create multiple Asset	Metering Agent Appointment records e Asset Metering Agent Appointment records. Select upload files	and choose a P0300 file to	Contact information BSC Service Desk bscservicedesk@cgi.com
upload Asset Metering Agent Appointn	nent records.		Guidance Documents SVA Metering System & Asset Meter Register
Note: Please use the standard P Flow template. D	iownload 🕁		View All Agent Appointments
/iew Asset Metering A	gent Appointment files		<ul> <li>Agent Appointments</li> </ul>
View Asset Metering A	gent Appointment files		Agent Appointments
View Asset Metering A elect file to download	gent Appointment files	î	Agent Appointments      View AMSID Pair Files      AMSID Pair Files
View Asset Metering A elect file to download Flow Type P0302 HPOW.Csv	Date/Time 31-Aug-2023 15:32:01	^	Agent Appointments      View AMSID Pair Files      AMSID Pair Files
View Asset Metering A elect file to download Flow Type P0302 HPOW.Csv P0302 HPOW.Csv	Date/Time 31-Aug-2023 15:32:01 31-Aug-2023 14:37:03	 ب	Agent Appointments      View AMSID Pair Files      AMSID Pair Files
View Asset Metering A Select file to download Flow Type P0302 HPOW.Csv P0302 HPOW.Csv P0302 HPOW.Csv	Date/Time           31-Aug-2023 15:32:01           31-Aug-2023 14:37:03           29-Aug-2023 16:18:00	بلا بلا	<ul> <li>Agent Appointments</li> <li>View AMSID Pair Files</li> <li>AMSID Pair Files</li> <li>AMSID Pair Files</li> <li>Please let us know if you are unable to access this information</li> </ul>

Key Process Steps for AMSID Pairs and corresponding upload files



File Uploads and Responses ("P – Flows")



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### Familiarisation

Diljot Gulshan

21 September 2023

#### **Familiarisation - Elexon Kinnect Customer Solution**

The P395 changes will introduce new screens for Elexon Kinnect Customer Solution. Therefore, industry users impacted by the changes will be given an opportunity to familiarise themselves with the new screens before golive.

#### Industry user familiarisation is scheduled to take place in the week 16 - 20 October 2023.

#### Scope of familiarisation includes screens for the following:

- EMR CVA Declarations
- EMR MSID Declarations
- EMR AMSID Declarations
- AMSID Registration

#### Familiarisation - Elexon Kinnect Customer Solution

#### AMSID Registration can also be carried out by uploading p-flow files into the Elexon Kinnect system

P Flow	Name	From	То
P0297	Asset Registration	Supplier	Elexon Kinnect
P0298	Rejection of Asset Registration	Elexon Kinnect	Supplier
P0299	Confirmation of Asset Registration	Elexon Kinnect	Supplier
P0300	Registration of AMVLP Agents	Supplier	Elexon Kinnect
P0301	Rejection of AMVLP Agent Registration	Elexon Kinnect	Supplier
P0302	Confirmation of AMVLP Agent Registration	Elexon Kinnect	Supplier
P0303	Asset Meter Registration	Supplier	Elexon Kinnect
P0304	Rejection of Asset Meter Registration	Elexon Kinnect	Supplier
P0305	Confirmation of Asset Meter Registration	Elexon Kinnect	Supplier

#### **Familiarisation - Approach**

#### **Elexon Kinnect Screens**

- Participants will be given test user access login details for the test system called OAT
- Note: This will look very similar to your production system but will have a different name and URL as shown below



 Test users will simulate a production user at a supplier or generator organisation and each participant will receive separate test users to login

#### Example user:

- test-user-01@outlook.com
- Organisation = British Gas Trading Ltd (BRITGAS)
- Role = Supplier (BGAS)
- > Authorisation Level Category A (Changing Authorisation)

#### **Familiarisation - Approach**

#### **Elexon Kinnect Screens**

- As this is a test system, some participants may not be able to use the test system as their own organisation for various reasons such as limited test data being available in the system
- In this case, Elexon will provide a test user that is setup for another similar supplier or generator organisation
- In some cases you may have access to multiple organisations within the test system and this is fine for these purposes



**Please Note:** The same EMR Declaration screens are displayed for **all suppliers and generators** and the same AMSID Registration screens are displayed for **all suppliers** 

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#### **Familiarisation - Approach**

#### **Elexon Kinnect Screens**

- Each participant will also be given a relevant set of *test data* matching the test user organisation
  - **EMR Declarations** BM Units, MSIDs and AMSIDs
  - > **AMSID Registrations** MSIDs, Asset Metering Agents and Asset Meters

#### **P-flow files**

- Elexon will provide participants with relevant sample p-flow files to use
- These files will already contain the relevant test data required to upload the files into the test system
- Again the file data will be catered to match whichever organisation your test user has been setup for and this may or may not be your actual live organisation
- Once files have been shared with participants, they can be uploaded into the test system as and when appropriate. Once a file submission has been successful, the confirmation file will be displayed in the system along with the newly created asset.

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#### Familiarisation – Next Steps

- 1. Please register your interest to take part in P395 familiarisation via email to <u>Releases@elexon.co.uk</u> by 6th October 2023, stating which BSC Party and role you will be testing for
- 2. Once participants have registered, Elexon will provide all relevant information required in week commencing 9<sup>th</sup> October 2023. This will also be the time to discuss any queries and resolve any access issues.
- 3. Participants can access the test system from 16<sup>th</sup> to 20<sup>th</sup> October in their own time
- 4. Please note: Participants can choose how much time they would like to spend on this activity. There is no minimum requirement for this.
- 5. Any queries or issues or encountered during the familiarisation period should be sent via email to <u>Releases@elexon.co.uk</u>
- 6. General feedback on the new screens should also be sent via email to <u>Releases@elexon.co.uk</u>

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# THANK YOU

Release webpage: <u>https://www.elexon.co.uk/mod-proposal/p395/</u> Circulars subscription: <u>https://www.elexon.co.uk/news-events/subscriptions/</u>

Releases@elexon.co.uk

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