

Balancing and Settlement Code

BSC PROCEDURE

CVA Qualification Testing for Parties and Party Agents

BSCP70

Version 7.0~~Version 6.0~~

Date: 7 November 2013~~4 November 2010~~

BSC PROCEDURE 70

relating to

CVA Qualification Testing for Parties and Party Agents

1. Reference is made to the Balancing and Settlement Code and, in particular, to the definition of “BSC Procedure” in Section X, Annex X-1 thereof.
2. This is BSC Procedure 70, [Version 7.0](#)~~Version 6.0~~ relating to CVA Qualification Testing for Parties and Party Agents.
3. This BSC Procedure is effective from [7 November 2013](#)~~4 November 2010~~.
4. This BSC Procedure has been approved by the Panel.

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AMENDMENT RECORD

Version	Date	Description of Changes	Changes Included	Mods/ Panel/ Committee Refs
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<u>7.0</u>	<u>07/11/13</u>	<u>CGI Rebranding</u>	<u>CP1399</u>	<u>TBC</u>
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1. Introduction

1.1 Purpose and Scope of the Procedure

This BSCP defines the key interfaces, interdependencies and timetable for the CVA Qualification Testing for Parties and Party Agents as required by Section O of the Balancing and Settlement Code (BSC), and the Communication Requirements Document.

Specifically it covers:

- (a) Arrangements for CVA Qualification Testing
- (b) Requesting and obtaining Waivers for CVA Qualification Testing
- (c) Reporting CVA Qualification status upon successful completion of CVA Qualification

1.2 Main Users of this Procedure and their Responsibilities

This BSCP should be used by the following:

- (a) Parties or Party Agents
- (b) BSCCo
- (c) BSC Central Services Agent (in respect of testing activity)
- (d) CRA (in respect of registration in CRS)

1.3 Balancing and Settlement Provisions

This BSCP should be read in conjunction with the Code and in particular Sections A and O.

In the event of an inconsistency between the provisions of this BSCP and the Code, the provisions of the Code shall prevail.

1.4 Principles of CVA Qualification Testing and Re-qualification

Qualifying Participants should refer to the Communications Requirement Document for further information on the applicable flows requiring testing for the participation capacity or capacities in which they wish to register.

Where a Party or Party Agent has already qualified in one or more participation capacities, in some cases an application for an additional role may lead to a requirement for further testing to be undertaken. This BSCP should be referred to if additional testing is required.

Generally CVA Qualification Tests are only required when a Party or Party Agent wishes to adopt a participation capacity for the first time. However, should changes be made to systems previously qualified and the changes impact the interface with the BSC Central Services Agent as defined in the Communication Requirements Document,

there may be a requirement to re-qualify. If in doubt Parties or Party Agents should contact BSCCo for advice whenever making such changes.

BSC Parties and Party Agents undertaking systems changes should determine for themselves where re-testing should be required. They should acknowledge that this will be done entirely at their own risk.

ECVNA's and MVRNA's must complete all relevant CVA Qualification Tests.

Interconnector Administrator (IA), Interconnector Error Administrator (IEA) and Market Index Data Provider (MIDP) roles will not be specified in BSCP70 but requirements will be left in the Communication Requirements Document.

1.5 Preparation for CVA Qualification Testing

Participants may wish to use the Participant Testing Service as it provides a 'dummy' BSC Central Services environment allowing Qualifying Participants to test their systems in a near-live environment prior to undertaking CVA Qualification Testing. For further information on the Participant Testing Service, please refer to the Participant Testing Service User Guide available on the BSC Website.

Please note that examples of the CVA Qualification Test Scripts are available from the Market Entry/Exit Section of the BSC Website.

1.6 Associated BSC Procedures

(a) This procedure interfaces with the following BSCPs:

BSCP38	Authorisations
BSCP65	Registration of Parties and Exit Procedures
BSCP71	Submission of ECVNs and MVRNs
BSCP537	Qualification for SVA Parties, SVA Party Agents and CVA MOAs ¹

(b) Other Documents:

Communication Requirements Document
CVA Data Catalogue
Participant Communications Installation Document
Participant Communications Definition Document
New Entrant FTP Test Procedures

1.7 Authorised Persons

Parties and Party Agents should ensure that authorised persons have been registered in accordance with BSCP38. Please note, all BSCP70 forms must be signed by Category A or J authorised persons.

¹ BSCP537 refers to Qualification for Parties and Party Agents in the SVA market. This BSCP70 refers to Qualification for Parties and Party Agents in the CVA market.

2. Acronyms and Definitions

2.1 List of Acronyms

Acronyms used in this Procedure are:

BMRA	Balancing Mechanism Reporting Agent
BSCCo	Balancing and Settlement Code Company
CRA	Central Registration Agent
CRS	Central Registration Service
CDCA	Central Data Collection Agent
CVA	Central Volume Allocation
ECVAA	Energy Contract Volume Aggregation Agent
ECVNA	Energy Contract Volume Notification Agent
MOA	Meter Operator Agent
MVRNA	Metered Volume Reallocation Notification Agent
SMRA	Supplier Meter Registration Agent
WD	Working Day
BSC CSA	BSC Central Services Agent

2.2 List of Definitions

BSC CSA	In the context of this BSCP, the BSC CSA is the agent appointed by BSCCo to be responsible for conducting the Qualification Tests with the Qualifying Participant. For the avoidance of doubt, the BSC CSA is currently the Business Process Outsourcing Service Provider.
CRA	In the context of this BSCP the CRA is the BSC Agent responsible for registering the Qualified Participant's details on CRS.
Participant Testing Service	The service whereby Parties and Party Agents may exercise their own systems' interaction with a test version of BSC Central Services.
Party Agent	In the context of this BSCP, the term Party Agent refers to ECVNAs, MVRNAs, CVA MOAs and SMRAs.

Qualification	Recognition that a BSC Party or Party Agent has satisfied the communication requirements specified under Section O of the BSC, and that these systems have been tested according to the Communication Requirements Document.
Qualifying Participant	The Party or Party Agent who is undertaking Qualification.
Qualified Participant	The Party or Party Agent who has successfully completed Qualification.
Qualification Statement	Statement of Qualification issued by the BSC CSA on behalf of BSCCo, on completion of Qualification.
Qualification Tests / Qualification Test	Tests undertaken by a Qualifying Participant. The tests provide the appropriate level of assurance that the necessary communication links between the Qualifying Participant and BSC Central Systems will function correctly under operational conditions.
Supporting Participant	A Party or Party Agent who has qualified, or who will qualify, and whose facilities the Qualifying Participant is invoking in support of a Waiver.
Waiver	Recognition that a Qualifying Participant is sharing facilities with another Participant who has previously satisfied the relevant Qualification requirements, and as such that Qualification Tests would be duplicated if undertaken by the Qualifying Participant.

All other terms are as defined in the Code.

3. This section is no longer in use

4. Interface and Timetable Information

4.1 CVA Qualification Testing

The Qualifying Participant will be required to have completed the order and installation processes for the High Grade Service/Low Grade Service as applicable, prior to undertaking the actions below. Qualifying Participants should note the lead time of 60 days for High Grade orders in the UK and approximately 90 days for High Grade orders for Europe.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.1.1	As required by Qualifying Participant	Send CVA Qualification Test Booking Form to BSC CSA ² and refer to the Qualification Checklist for actions to be undertaken by Qualifying Participants	Qualifying Participant	BSC CSA	CVA Qualification Test Booking Form BSCP70/01, Qualification Checklist (Appendix 1) ³	Fax / email
4.1.2	Within 1 WD of 4.1.1	Validate form and confirm receipt.	BSC CSA	Qualifying Participant	CVA Qualification Test Booking Form BSCP70/01, Qualification Checklist (Appendix 1) 33	Email / phone / fax
4.1.3	Within 1 WD of 4.1.2	Confirm availability of test facilities.	BSC CSA	Qualifying Participant	Qualifying Participant capacity details	Email / phone
4.1.4	Within 1 WD of 4.1.3	Confirm booking with Qualifying Participant.	BSC CSA	Qualifying Participant		Email / phone
4.1.5	3 WD before test day	Contact Qualifying Participant to arrange final details of tests and ensure preparations are complete.	BSC CSA	Qualifying Participant		Email / phone
4.1.6	On day of test	Qualifying Participant and BSC CSA work through the agreed tests.				

² Qualifying Participants should follow the procedures within BSCP65, BSCP71 and BSCP537, as applicable to ensure the relevant registration forms are submitted to the CRA prior to Qualification. Participants should note their details cannot be registered on CRS until the qualification requirements have been met.

³ A tailored booking form exists for each participant type.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.1.7	On completion of testing	BSC CSA identifies whether Qualifying Participant has met the requirements to pass Qualification Testing. Where the Qualifying Participant has not passed all relevant tests, the BSC CSA contacts Qualifying Participant to arrange a new test slot, If Qualifying Participant has passed relevant tests proceed to 4.1.8	BSC CSA	Qualifying Participant		Email/Phone
4.1.8	Within 1 WD after completion of testing	BSC CSA sends Qualification Report to BSCCo.	BSC CSA	BSCCo	Updated Qualification Report spreadsheet	Email
4.1.9	Within 1 WD after 4.1.8	BSCCo verifies information (including whether all requirements have been met) received in test results instructs BSC CSA to issue Qualification Statement.	BSCCo	BSC CSA		Email / letter / fax
4.1.10	Within 1 WD after 4.1.8	BSC CSA confirms Qualification Status via Qualification Statement to Qualifying Participant	BSC CSA	Qualifying Participant BSCCo		Email / letter / fax
4.1.11	After 4.1.10	Return to registration process in: BSCP65 (BSC Party); BSCP71 (ECVNA, MVRNA); BSCP537 (CVA MOA, SVA Party and Party Agent).				

4.2 Qualification Waivers

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.2.1	As required by Qualifying Participant	Send Application for Waiver of Qualification Tests to the BSC CSA with supporting documentation ⁴ .	Qualifying Participant ⁵	BSC CSA	Application for Waiver of Qualification Tests form BSCP70/02 Supporting documentation for the Waiver Request	Fax / email / post
4.2.2	Within 4 WD after 4.2.1	Ensure the Qualifying Participant has provided sufficient Waiver information to cover the capacity or capacities they wish to register. If further information is required, advise Qualifying Participant. Check that Supporting Participant has provided a letter confirming that they will be providing supporting services for the Qualifying Participant in each of the capacity or capacities they wish to register. Confirm that the Waiver application addresses data flows which are relevant to the Qualifying Participant, as required by the Communication Requirements Document, taking into account the Qualifying Participant's required capacities.	BSC CSA	Qualifying Participant	Application for Waiver of Qualification Tests form BSCP70/02 Supporting documentation for the Waiver Request	Email / phone / fax / post
4.2.3	Within 1 WD of 4.2.2	Identify whether any further data flow tests must be undertaken in order to Qualification (a) Further data flow tests required go to 4.1 (b) No further data flow tests required go to 4.2.4	BSC CSA	Qualifying Participant		Email / fax

⁴ Qualifying Participants should liaise with the Supporting Participant to ensure that local infrastructure, FTP, security software and business software are in place for the Qualifying Participant. The Qualifying Participant should also follow the procedures within BSCP65, BSCP71 and BSCP537, as applicable to ensure the relevant registration forms are submitted to the CRA. Participants should note their details cannot be registered on CRS until the qualification requirements have been met and the participant has received confirmation of this from BSCCo.

⁵ If an ECVNA or MVRNA applies for a Waiver of Qualification, the Supporting Participant must have completed all relevant Qualification Tests.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
4.2.4	Within 1 WD of 4.2.3	BSC CSA provides details of the application for a waiver and supporting evidence to BSCCo and recommends whether the waiver should be granted.	BSC CSA	BSCCo		Email/ fax
4.2.5	Within 1 WD of 4.2.4	BSCCo verifies information and instructs BSC CSA to issue Qualification Statement where the requirements for a waiver have been met	BSCCo	BSC CSA		Email/ fax
4.2.6	Within 1 WD of 4.2.5	BSC CSA confirms Qualification Status via Qualification Statement to Qualifying Participant ⁶	BSC CSA	Qualifying Participant BSCCo	Qualification Statement	Email / letter / fax
4.2.7	After 4.2.6	Return to registration process in: BSCP65 (BSC Party); BSCP71 (ECVNA, MVRNA); BSCP537 (CVA MOA, SVA Party and Party Agent).				Email

⁶ Qualified Participants should contact BSC CSA to set up encryption keys in the live environment.

Appendix 1 - Qualification Checklist

Before you book a CVA Qualification test slot please work through the checklist below to ensure you are prepared for testing:

Requirement:	Actions to be undertaken by Qualifying Participants:	Date
Local infrastructure	<p>Low Grade Service Users - Ensure adequate hardware and network connections are in place.</p> <p>High Grade Service Users – Confirm the High Grade Communications Line and Router has been installed and successfully tested. Ensure adequate hardware and network connections are in place.</p> <p><i>Comms Lines and Routers will have been installed as part of a High Grade Order with BSC CSA.</i></p> <p><i>New High Grade participants may elect to qualify using the Low Grade service pending the Communications Line installation.</i></p>	
File Transfer Protocol (FTP) Software:	<p>Ensure FTP software and associated directories are in place and have been fully tested.</p> <p><i>Participants are required to provide appropriate FTP software.</i></p>	
XSec Encryption Security Software	<p>Ensure XSec Software has been installed and tested and the Public Encryption key provided to the BSC CSA.</p> <p><i>XSec Software will be provided by the BSC CSA to a new Participant as part of a Low Grade Communications Line Order. Public Keys should be exchanged and tested as part of the completion of this order.</i></p>	
Business Process Software	<p>Develop/install and test Business Process Software that conforms to the current Interface Definition and Design (IDD) to process incoming and outgoing files. Ensure the Business Process software has been installed in the ‘as live’ system and integrated and tested with security and FTP software.</p> <p><i>Participants are required to provide Business Process Software.</i></p>	
Test preparation	<p>Prepare required test scripts and plans as required.</p> <p><i>Participants are required to provide their</i></p>	

	<i>own test data for flows submitted to the BSC CSA.</i>	
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The following actions will be performed once a test slot has been booked:

Requirement:	Actions to be undertaken by Qualifying Participants:
FTP Test	BSC CSA will provide IP Addresses and FTP account logins prior to a Test Booking. New Entrants will be required to connect to the test FTP server and login with the provided credentials and confirm a successful connection.
Test Preparation	Ensure adequate personnel are available for testing once this date has been confirmed with the BSC CSA.

Participants should complete this form by inserting the dates on which they have achieved, or realistically expect to achieve, the Action specified. The information entered for “Test Slot Dates Applied For” should relate to the dates entered on the Qualification Testing Booking Form.

Participants should note that even if they do not intend to send notifications in their production environments they will still require some form of business software to acknowledge flows that they receive.

If Participants require any clarification they may refer to current documentation on the BSC Website or contact the BSC Central Services helpdesk.

Appendix 2 – Summary of Forms

BSCP70/01	Qualification Test Booking Form
BSCP70/01a	CVA Qualification Tests for Generators, Suppliers, Non-Physical Traders and Interconnector Users and Licenced Distribution System Operators (LDSOs) - Booking Form
BSCP70/01b	CVA Qualification Tests for Energy Contract Volume Notification Agent and Metered Volume Reallocation Notification Agent – Booking Form
BSCP70/01c	CVA Qualification Tests for Meter Operator Agents (MOA) for Metering Systems Registered in Central Meter Registration System (CMRS) – Booking Form
BSCP70/02	Application for Waiver of Qualification Tests

BSCP70/01a CVA Qualification Tests for Generators, Suppliers, Non-Physical Traders and Interconnector Users and Licensed Distribution System Operators (LDSOs) – Booking Form

CRA, CDCA, ECVAA & SAA Data Flows

Please return completed application to: <mailto:BSCservicedesk@logieacgi.com>

To: BSC Central Services Agent		Date Sent:
From: Participant Details		
Party ID:	Name of Sender:	
Contact email address:		
Our Ref:	Contact Tel. No.	
Preferred Participant testing date(s): <i>(Please note that there is a minimum 10 Working Day waiting period from the submission of this booking form)</i>		
Party role/s to be tested:		
LDSO/Supplier/Generator/Non-physical Trader/Interconnector User <i>Circle to indicate choice</i>		
Name of Authorised Signatory:		
Authorised Signature:	Password:	

The following tests may be completed in order to ensure that the party is able to communicate, through electronic interfaces, with central systems. These tests provide a level of assurance that flows which participants receive from central systems are checked for compliance with the Interface Definition Document (IDD) by participant systems and appropriately acknowledged or rejected.

It is not mandatory, however, for a Party to undertake the tests set out below. In the event that a Party decides not to undertake these tests, then it shall be at that Party's own risk.

The Party acknowledges and agrees that where it chooses not to undertake the tests set out below, then it shall be at that Party's own risk and responsibility. Neither ELEXON nor any other person (including BSCCo, all other BSC Parties, all BSC Agents and the Transmission Company) shall be or deemed to have any liability whatsoever or howsoever arising to a Party or any other person in respect of a Party's decision not to undertake the testing outlined in this Test Booking Form. Please note that all BSC Parties are bound by the terms of the Balancing and Settlement Code, including the provisions of Section O.

It is strongly recommended that participants compete testing of all relevant flows for their role to ensure that their systems can interface adequately with central systems.

Flow	Participant	Direction	Name	Purpose	Test? Delete as applicable
CRA-I014	Generators; Suppliers; LDSOs; Non-Physical Traders and Interconnector Users	To	Registration Report	To enable Party to ensure that its registration details are accurately recorded in Central Systems. This includes Party Id, Name, address etc	Yes/No
ECVAA-I007	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	ECVNAA Feedback	To confirm to Party that an Authorisation has been processed	Yes/No
ECVAA-I008	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	MVRNAA Feedback	To confirm to Party that an MVRNA Authorisation has been received	Yes/No
ECVAA-I009	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	ECVN Feedback	To report the rejection (for business reasons) of a received ECVN	Yes/No
ECVAA-I010	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	MVRN Feedback	To report the rejection (for business reasons) of a received MRVN	Yes/No.
ECVAA-I013	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	Authorisation Report	To enable Party to check the authorisations it has in place.	Yes/No

Flow	Participant	Direction	Name	Purpose	Test? Delete as applicable
ECVAA-I014	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	Notification Report	To enable Party to check its Notifications received by Central Systems	Yes/No
ECVAA-I022	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	Forward Contract Report	To enable Party to check its contract position for the following 7 Settlement Days	Yes/No
ECVAA-I028	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	ECVN Acceptance Feedback	To confirm to Party that Notification has passed validation and been accepted by the system	Yes/No
ECVAA-I029	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	MVRN Acceptance Feedback	To confirm to Party that Notification has passed validation and been accepted by the system	Yes/No
SAA-I014	Generators; Suppliers; Non-Physical Traders and Interconnector Users	To	Settlement Reports	To enable a Party to check its Settlement position	Yes/No
CDCA-I010	Generators; Suppliers; LDSOs	To	Exception Report for missing and invalid period data	To identify missing Metered Data	Yes/No
CDCA-I012	Generators; Suppliers; LDSOs	To	Report Raw Metered Data	To provide Party with Raw Metered Data	Yes/No
CDCA-I014	Generators; Suppliers; LDSOs	To	Estimated Data Report	To provide Party with details of estimated data that has been input into Central Systems following Party acceptance	Yes/No

Flow	Participant	Direction	Name	Purpose	Test? Delete as applicable
CDCA-I042	Generators; Suppliers; LDSOs	To	BM Unit Aggregation Report	Provides Aggregated Meter Volumes for each of the Parties' BM Units	Yes/No
CDCA-I054	Generators; Suppliers; LDSOs	To	Meter Status Report	Provides a daily summary of potential problems with Metering Systems registered in Central Meter Registration Service	Yes/No

LDSOs that will be responsible for approving GSP Group Take Aggregation Rules (a "Nominated" LDSO) should also complete the following tests:

Flow	Direction	Name	Purpose	Test? Delete as applicable
CDCA-I029	To	Aggregated GSP Group Take Volumes	Providing Party with GSP Group Take Volume	Yes/No
CDCA-I030	To	Meter Period Data for Distribution System	Provides a Nominated LDSO with the GSP and DSCP Metered Volumes for each of these entities in the GSP Group by settlement Period.	Yes/No

BSCP70/01b CVA Qualification Tests for Energy Contract Volume Notification Agent and Metered Volume Reallocation Notification Agent – Booking Form

CRA, CDCA, ECVAA & SAA Data Flows

Please return completed application to: <mailto:BSCservicedesk@logiacgi.com>

To: BSC Central Services Agent	Date Sent:
From: Participant Details	
Party Agent ID:	Name of Sender:
Contact email address:	
Our Ref:	Contact Tel. No.
Preferred Participant testing date(s): <i>(Please note that there is a minimum 10 Working Day waiting period from the submission of this booking form)</i>	
Party role/s to be tested: ECVNA/MVRNA <i>Circle to indicate choice</i>	
Name of Authorised Signatory:	
Authorised Signature:	Password:

The following tests should be completed in order to ensure that the Party Agent is able to communicate, through electronic interfaces, with central systems. These tests ensure that flows received by Central Systems are compliant with the Interface Definition Document (IDD) and to provide a level of assurance that flows that participants receive from Central Systems are checked for compliance with the IDD by participant systems and appropriately acknowledged or rejected.

All relevant tests must be completed by Party Agents.

Flow	Direction	Name	Purpose
CRA-I014	To	Registration Report	To enable Party Agent to ensure that its registration details are accurately recorded in Central Systems. This includes Party Agent Id, Name, address etc
ECVAA- I004	From	ECVNA	To submit ECVN to Central Systems
ECVAA- I005	From	MVRNA	To submit MVRN to Central Systems

Flow	Direction	Name	Purpose
ECVAA-I007	To	ECVNAA Feedback	To confirm to Party Agent that an Authorisation has been processed
ECVAA-I008	To	MVRNAA Feedback	To confirm to Party Agent that an MVRNA Authorisation has been received
ECVAA-I009	To	ECVN Feedback	Reports the rejection (for business reasons) of a received ECVN
ECVAA-I010	To	MVRN Feedback	Reports the rejection (for business reasons) of a received MVRN
ECVAA-I013	To	Authorisation Report	To enable Party Agent to check the authorisations it has in place.
ECVAA-I014	To	Notification Report	To enable Party Agent to check its Notifications received by Central Systems
ECVAA-I028	To	ECVN Acceptance Feedback	To confirm to Party Agent that Notification has passed validation and been accepted by the system
ECVAA-I029	To	MVRN Acceptance Feedback	To confirm to Party Agent that Notification has passed validation and been accepted by the system

BSCP70/01c CVA Qualification Tests for Meter Operator Agents (MOA) for Metering Systems Registered in Central Meter Registration System (CMRS) – Booking Form

CRA, CDCA, ECVAA & SAA Data Flows

Please return completed application to: <mailto:BSCservicedesk@logiacgi.com>

To: BSC Central Services Agent	Date Sent:
From: Participant Details	
Party Agent ID:	Name of Sender:
Contact email address:	
Our Ref:	Contact Tel. No.
Preferred Participant testing date(s): <i>(Please note that there is a minimum 10 Working Day waiting period from the submission of this booking form)</i>	
Name of Authorised Signatory:	
Authorised Signature:	Password:

The following tests may be completed in order to ensure that the Party Agent (MOA) is able to communicate, through electronic interfaces, with central systems. These tests provide a level of assurance that flows which participants receive from central systems are checked for compliance with the Interface Definition Document (IDD) by participant systems and appropriately acknowledged or rejected.

It is not mandatory however, for a Meter Operator Agent (MOA) to undertake the tests set out below. In the event that a MOA decides not to undertake these tests, then it shall be at that organisation's own risk.

The MOA acknowledges and agrees that where it chooses not to undertake the tests set out below, then it shall be at that Party Agent's own risk and responsibility. Neither ELEXON nor any other person (including BSCCo, all other BSC Parties, all BSC Agents and the Transmission Company) shall be or deemed to have any liability whatsoever or howsoever arising to a Party or any other person in respect of a Party's decision not to undertake the testing outlined in this Test Booking Form.

Please further note that no representation, warranty or guarantee (whether expressly or impliedly) is made by ELEXON nor any other person (including BSCCo, all other BSC Parties, all BSC Agents and the Transmission Company) that completion of the tests by a Party Agent is confirmation of that Party Agent's ability to participate under the arrangements set out in the Balancing and Settlement Code.

It is strongly recommended that participants complete testing of all relevant flows for their role to ensure that their systems can interface adequately with central systems.

Flow	Direction	Name	Purpose	Test
CRA-I014	To	Registration Report	To enable Party Agent to ensure that its registration details are accurately recorded in Central Systems. This includes Party Agent Id, Name, address etc	Yes/No
CDCA-I010	To	Exception Report for missing and invalid period data	To identify missing Metered Data	Yes/No
CDCA-I014	To	Estimated Data Report	To provide Party with details of estimated data that has been input into Central Systems following Party acceptance.	Yes/No
CDCA-I054	To	Meter Status Report	Provides a daily summary of potential problems with Metering Systems registered in Central Meter Registration Service.	Yes/No

