Independent Distribution Network Operator (IDNO) – Entering the Market

This is an overview of the end to end process for entering the market as an Independent Distribution Network Operator (IDNO). Although not formally defined in the Balancing and Settlement Code (BSC), an IDNO is any Party which distributes electricity for the purposes of the Utilities Act of 2000 in addition to the 14 geographic Distribution Network Operators. As IDNO is not a defined term in the BSC, you will register as a Distribution System Operator (DSO) (also referred to as a Distribution Network Operator (DNO) in some instances) in Central Volume Allocation (CVA), and as a Supplier Meter Registration Agent (SMRA)[1] and an Unmetered Supplies Operator (UMSO)[2] in Supplier Volume Allocation (SVA).

This note includes information on the CVA and SVA entry processes. The two entry processes can run in parallel, and where possible we also align the BSC processes with the Master Registration Agreement (MRA) entry process[3]. It also includes guidance on how get set up as a Distributor in Market Domain Data (MDD).

If you are considering entering the market as an IDNO, ELEXON recommends that you contact its Market Entry team (market.entry@elexon.co.uk) to arrange a meeting with them to discuss your intentions and they can provide further support and guidance. Market Entry meetings are free of charge to potential Parties, and can be held either at ELEXON's office or via teleconference.

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[1] An SMRA is a sub function of an LDSO and is the provider of a Supplier Meter Registration Service. The agent is responsible for recording Supplier registrations and hold key settlement data items.

[2] An UMSO is responsible for establishing new Unmetered Supplies and establishing appropriate Connection Agreements with UMS customers, providing summary inventories to the Meter Administrator (Half Hourly) and issuing Unmetered Supplier Certificates (Non Half Hourly).

[3] The MRA is operated by Gemserv. While ELEXON is aware of the MRA entry process, please visit the MRA website (http://www.mrasco.com/about-the-mra) for more information on the steps involved. Under the MRA, Distribution businesses are required to operate a Metering Point Registration System (MPRS) to support the Change of Supplier process in the UK electricity market. They also need to qualify as per BSCP537. As a minimum, they need to have the following MDD Roles before they are allowed to operate in the market: SMRA - MDD Market Role Code P (PRS Agent), LDSO - MDD Market Role Code R (Distributor) , UMSO - MDD Market Role Code 3 (Unmetered Supplies Operator)

CVA Market Entry

It is a requirement for all BSC Parties to complete CVA Market Entry. This section provides an overview of the steps involved and offers on advice on how to complete each step.

Accession

The Market Entry process is initiated by acceding to the BSC. At this point you will be considered a BSC Party, and will be subject to ELEXON's Base Monthly Charge of £250 (+VAT) per calendar month or part thereof.

When you are ready to accede, please submit:

- One Accession Form. This can be scanned and sent via email to market.entry@elexon.co.uk;

- Two signed and undated physical copies of the Accession Agreement. These will be countersigned and dated by ELEXON on your chosen accession date. ELEXON require paper copies of this, but you can send a scanned copy for the Market Entry team to check before posting if you wish. Please send the Accession Agreements to:

  Market Entry team
  Customer Operations
  ELEXON Limited
  4th Floor
  350 Euston Road
  London
  NW1 3AW

- One-off Accession Fee of £500 payable by cheque, BACS or CHAPS to:

Account Name:	ELEXON Limited
Account Number:	60115819
Sort Code:	200-00-00
Bank:	Barclays Bank Plc

Once ELEXON has received the forms and Accession Fee, they will arrange an Accession Date of your preference. Please contact the Market Entry team for templates of these documents.

Appoint Authorised Signatories

Authorised Signatories are the people appointed to carry out activities under the BSC. Your Authorised Signatory will also need to sign off documentation and forms relating to the market entry process. To appoint your first set of Authorised Signatories ELEXON requires:

- BSCP38/5.1 with the first signatories details in both part A and C of the form. Additional signatories only need to complete part C; and

- A Director's letter on company headed letter paper nominating the first signatory. The Market Entry team can provide a template for this.

Order Communications Line

BSC Parties are required to acquire a communications method for ELEXON's systems to communicate with their own. There are two options for this:

- the Low Grade Service. This is a download from the public internet, takes five Working Days to set up and is free to BSC Parties; and

- the High Grade Service. This involves the installation of a direct connection to your office, through which data will be pushed in real time. There are costs associated with the High Grade Service.

It is unlikely that an embedded IDNO will receive data from ELEXON, and so the Low Grade Service will be adequate for your requirements. To order your communications line, please complete the Communications Line request form.

CVA Qualification testing

BSC Parties are required to complete CVA Qualification to certify that the Party's CVA system can correctly interact with ELEXON's systems and validate the format of any data that they receive. Parties are required to build or procure their own system, which is qualified on an individual basis. The principle of CVA Qualification is described in BSCP70 and the New Participants Guide to CVA Qualification. To complete CVA Qualification, there are three routes:

- Full testing of all relevant flows. The testing is free to entering Parties and can be repeated multiple times if the first test is not successful. The testing takes approximately half a day and can be booked using the BSCP70/01(a) booking form;

- Waiver testing against an already Qualified Parties system. If you have agreed with a Party that has already Qualified in the role to make use of their system, then you can waiver the testing. To do so complete the BSCP70/02 waiver application listing the flows which you wish to waiver. This should be accompanied by supporting evidence in the form of a letter from the supporting Party;

- Opt out of testing. This is not a method that ELEXON recommends as it provides no assurance to the Party that they are able to correctly receive any data that they receive. To opt out, submit the BSCP70/01(a) form and acknowledge in the email that not testing is done so at the Parties own risk.

The exact flows you will be required to test will depend upon how the network is set up as to what flows you will expect to receive and use. For instance, it is unlikely that an embedded network will receive data from ELEXON. It is the responsibility of participants to assess which data flows they will need to test (if any) or if it is appropriate to opt out of testing.

Funds Accession

All BSC Parties are required to register with the Funds Accession Agent (FAA). This is done using the BSCP301/04(a) form. Please note that the FAA requires you to have a UK bank account, that is an account with a bank that has a branch based in the UK and used GBP is its principal currency.

Nominate operational contacts

ELEXON requires Parties to nominate contacts for who should be contacted in relation to different activities under the BSC. The nominated persons should be authorised to undertake activities relating to the area for which they have been nominated. Operational contacts are declared using the contacts spreadsheet, the template for which can be provided by the Market Entry team.

Register Party Role

When you have completed CVA Qualification and, we will register you as a Distributor in our Central Systems. The registration requires form BSCP65/01. Please put the Party Name in line one of the address followed by the address beginning in line two.

Register in Market Domain Data

Information on registering in MDD is provided in a separate section below. Some of the required MDD roles require Performance Assurance Board (PAB) approval before they can be registered so MDD roles can either be added in batches or all at once following SVA Qualification.

SVA Market Entry

SVA Qualification is a risk based Performance Assurance Technique (PAT) designed to offer confidence to the PAB and the market as a whole, that you are capable of operating in your chosen role without posing a risk to Settlement.

The SVA Qualification process is based around the [Self-Assessment Document (SAD): BSCP537 Appendix 1](#), which asks about the organisation's systems, staff and processes and takes a risk based approach. The risk assigned to an application will be reviewed by ELEXON and the Qualification Service provider (QSP) at various stages throughout the Qualification process (for example, as subsequent drafts of the SAD are received) and if an applicant's circumstances change. It is advisable to take a look at the SAD before initiating the Qualification process to get a feeling for the types of questions and identify any areas you may have insufficient evidence for. Under the MRA, Distribution businesses are required to operate a Metering Point Registration System (MPRS) to support the Change of Supplier process in the UK electricity market, therefore, as an IDNO, you will be required to Qualify in the role of SMRA and UMSO.

The main reason that a Distributor is required to have the UMSO role is so that the SMRA can create one (or more) Unmetered Supplies MPAN for that Distributor and that any Unmetered Supplies can be aggregated into this MPAN, then sent over the DTN to that Distributor for their billing purposes. Additional information on the operational requirements and responsibilities of UMSOs can be found in [BSCP520](#) and in the supporting [Guidance Notes](#).

Planning meeting

The Qualification process is initiated by your accession to the BSC. We will then arrange a meeting between the applicant, ELEXON, the QSP and MRASCo to understand your business plans, explain the BSC and MRA Qualification processes and agree indicative timescales.

Completion/submission of the SAD

The SAD is broken down into numerous sections, some generic and some role specific. As an IDNO you will need to complete sections 1-7 (generic), 12 (SMRA) and 17 (UMSO). Each section has an introduction to provide guidance and each question provides more detailed advice of what the QSP is looking for. There is space to answer each question and attach any supporting evidence you wish to provide.

The SAD can be submitted all at once or section by section. It will be reviewed by the QSP who will provide feedback and request additional detail or evidence where an answer is insufficient. This forms an iterative process that can be repeated many times until the QSP is happy with the submission. A risk-based approach is used when reviewing the SAD, supporting evidence and determining the amount of witness testing carried out on an applicant. ELEXON assess the risk of an applicant based on the responses provided in the SAD and the supporting evidence.

Witness Testing

Following completion of the SAD, the QSP will undertake a site visit to confirm that your processes are in line with the answers provided in the SAD. The level of witness testing will depend on the level of risk the QSP associated with your application, so it is better to give detailed answers in the SAD. Prior to the visit, the QSP will provide you with a scope for the witness testing, so that you can prepare any additional evidence. There is more information in the [QSP's Approach to Qualification](#).

PAB approval

Following the witness testing, the QSP will write a report detailing its findings and provide a recommendation for your Qualification application. ELEXON and QSP Reports detailing the completion of the procedure are presented to the PAB. ELEXON provide a recommendation and all the information needed for the PAB to make a decision on an applicant's Qualification. The PAB decides on an applicant's approval for Qualification.

Please note that since the PAB meet once a month (their meeting dates are listed [here](#)) and ELEXON and the QSP will need to write their reports, it can be six to ten weeks between Witness Testing and the PAB presentation.

More information on the SVA Qualification page can be found on the [SVA Qualification](#) page of the [BSC Website](#).

Market Domain Data requirements

As an IDNO, you will be required to register multiple roles in MDD. Some of these will roles will require PAB approval, while others can be entered as part of the Market Entry process. As a minimum, you will need to have the following MDD Roles and PAB Approval for these before you will be allowed to operate in the market:

- SMRA - MDD Market Role Code P (PRS Agent) – requires PAB approval;
- LDSO - MDD Market Role Code R (Distributor); and
- UMSO - MDD Market Role Code 3 (Unmetered Supplies Operator) – requires PAB approval.

In addition, there are other MDD Roles that you can have, but these are NOT mandated under the MPRS/BSCP537 Qualification requirements:

- MDD Market Role Code J (Supply Fault Information Centre - SFIC) –; and
- MDD Market Role Code W (Revenue Protection Service).

These roles relate to the Distributor being able to respond to queries regarding faults on its network, and provide information around investigations into electricity theft. In particular registration of these roles relates to the distributors ability to receive and process relevant data flows.

The exact roles and requirements may vary slightly depending on the setup of your network and your intended operations. If you require further advice on completing MDD forms, please contact mddc@elexon.co.uk.

BSCP509 describes the process of registering in MDD and Appendix 1 contains the necessary forms to register roles. Please note that MDD is updated once a month according to the release schedule, and so this should be taken into account when planning your timescales. Depending on whether you choose to start the MDD process before or after you have gained PAB approval, the MDD requirements can either be done in bulk in one release, or spread over 2-3 releases.

MDD forms should be submitted as Microsoft Word documents where possible.

Registration of Roles

A new role can only be created in MDD if the Party has a Market Participant Identifier (MPID). This is a unique four letter identifier and is created using the BSCP509 Entity 1 form. This should be accompanied by an Entity 45 form. You can choose your preferred MPID, and it can be reserved in advance by emailing mddc@elexon.co.uk.

In most cases the MPID will be created in MDD at the same time as some of the required roles. The first set of roles you will need to consider are:

- Role Code R (Distributor) – You will also need your Distributor Short Code when registering this role. This is a two digit number which uniquely identifies your network and will be provided by ELEXON;
- Role Code P (SMRA); and
- Role Code 3 (UMSO).

Creation of MDD operational parameters

When you have completed both the CVA and SVA Market Entry processes, you will need to set up your MDD operational parameters. These are done using the Entity forms in BSCP509 Appendix 1. The below list gives aims to give a complete overview of what may be required, but the exact requirements may depend upon your intended operations:

- Entity 2 – Distributor appointment. Required for each GSP Group in which you intend to operate.
- Entity 4 – SMRA. Required for each GSP Group in which you intend to operate.

- Entity 52 and/or Entity 53 – Meter Timeswitch Class (MTC), and MTC in Distributor Area. Required for each MTC that you as an IDNO intend to register. It is recommended that IDNOs register MTC 800 (the IDNO does not need to register any Non Half Hourly (NHH) combinations against this MTC 800). This MTC will allow a Supplier to register a new connection where the IDNO has not yet installed a Meter, to get the MPAN into a traded state. MTC 800 indicates that there is no meter on site, and MPAS does not validate it against NHH combinations as it does with all other MTCs.

- Entity 17 – Line Loss Factor Class (LLFC). Required for each LLFC that you as an IDNO intend to register. Please note that each time an Entity 17 form is submitted to MDD to create new LLFCs or remove old ones, the LLF team at ELEXON (llfs@elexon.co.uk) should be copied in to the submission email.

- Entity 55 – Valid MTC LLFC Combinations. Required for Half Hourly (HH) Metering systems that you intend to register. Note that MTC(s) for you as an IDNO, and LLFC(s), need to have been created via the Entity 53 and the Entity 17 Forms.

- Entity 54, Entity 56 and Entity 63 – Non Half Hourly Combinations. Required for NHH Metering systems that you intend to register. Note that SSC needs to exist, MTC(s) for you as an IDNO, and LLFC(s), need to have been created via the Entity 53 and the Entity 17 Forms. Entities 54, 56 & 63 create the Valid MTC SSC LLF Profile Class (PC) for you as IDNO.

The MDD team will be able to provide assistance with this, and can be contacted by emailing mddc@elexon.co.uk.

LLF Submission to ELEXON

As described in the 'Market Domain Data requirements' section, once you have obtained, or are in the process of obtaining, PAB approval, to register as a Distributor in MDD (Role Code 'R') and process any GSP appointments, you will be allowed to submit LLFs. Although ELEXON cannot officially process your LLF submissions until Ofgem has confirmed your license, you should allow plenty of time to complete the required forms. If you wish to draft forms in advance, ELEXON will be happy to review and provide feedback. LLFs are multipliers applied to generation/consumption Metered volumes of Metering Systems connected to distribution networks to account for losses on the network. The submission and validation of LLFs is described in BSCP128: Production, Submission, Audit and Approval of Line Loss Factors. All LLFs and Calculation Methodologies are audited annually and once approved by the BSC Panel, the LLFs are then published on the ELEXON Portal and also sent to the SVAA, (and the CDCA where applicable). The LLFs and Calculation Methodologies need to be submitted before the start of a given year (Annual Audit).

Some LLFs can be submitted during the BSC Year via a Mid-year submission provided that ELEXON have audited your methodology and it was approved by the Panel. Please note that all LLF submissions are dependent on the MDD release cycle.

As an embedded network, you will have a choice to either create your own IT systems and Methodology to calculate LLFs, or Mirror Methodologies and Generic Line Loss Factor Classes of the Host LDSO (i.e. LDSO operating in a given GSP group).

Calculating your LLFs

If you choose to calculate your own LLFs, the process is described in BSCP128. ELEXON will check that the systems you created, Methodology, and the LLFs you calculated are correct and ready to be entered into Settlement. This is a lengthy process which can take up to several months.

As per BSCP128, the Key Milestones in this procedure are:

a) Submission of methodologies;

b) Review of methodologies;

c) Approval of methodologies;

d) Submission of LLFs;

e) Audit of LLFs;

f) Panel Approval of LLFs; and

g) Notification of Approved LLFs to Central Data collection Agent (CDCA)/Supplier Volume Aggregation Agent (SVAA) (as applicable).

In terms of the documents to be submitted, ELEXON will require from you (presented in order of submission):

- Calculation Methodology.

- Methodology Self-Assessment Document (MSAD) (BSCP128 Appendix 1).

- Calculation Self-Assessment Document (CSAD) (BSCP128 Appendix 3).

- CVA Submission in a form of I022 file (BSCP128 Appendix 6), where applicable.

- SVA Submission in a form of D0265 file (BSCP128 Appendix 7).

BSCP128 and Appendices can be found here.

Mirroring LLFs

Most IDNOs choose to Mirror Host LDSO's Methodology and LLFs. This process allows you to choose Generic LLFCs calculated by Host LDSOs to be used as your own and applied to sites which connect to your network. Note that you cannot Mirror some sites and Calculate others. To Mirror LLFCs, please liaise with the LLF Team at ELEXON via llfs@elexon.co.uk, who will be able to provide you with a 'Combined CSAD' which contains all audited and approved Host LDSO LLFs for all GSP Groups and categories for a given BSC Year. If you decide to Mirror, the process is easier and you will be able to make a submission Mid-Year. You will still need to submit an MSAD to confirm that you will be Mirroring a Methodology of a Host LDSO in a given GSP Group. Overall the process will require you to submit:

- MSAD (BSCP128 Appendix 2);

- CSAD (BSCP128 Appendix 4); and

- Request template.

The Request template is a document which allows ELEXON to establish which Host LDSO LLFCs you intend to Mirror. ELEXON will be able to provide you with the template

How to choose the right LLFC?

Very often, the way that Host LDSOs group LLFCs together is dependent on what network usage charges are associated with them. ELEXON has no interaction with Charging Statements produced by LDSOs, as these are not governed by provisions of the BSC. Charging Statements and charging methodologies are regulated by provisions of the Distribution, Connection and Use of System Agreement (DCUSA).

When choosing the right LLFC you will have to consider the following:

- Point of connection; is this Extra High Voltage (EHV), High Voltage (HV) or Low Voltage (LV). Is it substation or network connected?

- Is the site NHH or HH metered?

  o If NHH – which Profile Class is the Metering System in question?

- What metering type is at the site? Which Code of Practice (CoP) does it fall under?

The easiest way to establish which LLFCs to Mirror is by checking the Charging Statements of the Host LDSOs, and in MDD for the details of Host LDSO's LLFCs. The LLFC details are contained within the following MDD tables:
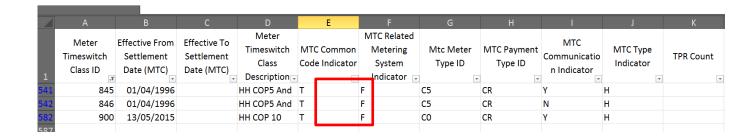
- LLFC – this table will give you an idea on what type of site a given LLFC is used for ('Line Loss Factor Class description' column).

- MTC – amongst other items MTC Meter Type, MTC Payment Type etc.

- MTC in PES Area – as MTC above.

- Valid MTC LLFC Combination (HH).

- Valid MTC SSC Combination (NHH).

- Valid MTC LLFC SSC Combination (NHH).

- Valid MTC LLFC SSC PC Combination (NHH).

To access MDD tables, please register on the ELEXON Portal. The tables can be found by typing 'Market Domain Data' in the search box at the top right-hand side of the page or by the following link: https://www.elexonportal.co.uk/MDDVIEWER

Examples

In GSP_A you choose to have LLFC 10. Start by deciding the type of customers for which this LLFC will be applied to, HH or NHH.

If you decide to use HH, check valid HH Host LDSO LLFCs in '**Valid MTC LLFC Combination**' MDD table. It lists all applicable half-hourly LLFCs in all GSP Groups. For the purpose of our example we chose to Mirror EELC LLFC 1. You can then check the MTC Id field for available options. Always choose those combinations which will fit how you wish to operate the sites in question (or to fit the kind of metering systems at a given site). In the case of LLFC 1, three MTCs are used by Host LDSO – 845, 846 and 900. Compare those against '**Meter Timeswitch Class**' MDD table (as shown below).

	A	B	C	D	E	F	G	H	I	J	K
1	Meter Timeswitch Class ID	Effective From Settlement Date (MTC)	Effective To Settlement Date (MTC)	Meter Timeswitch Class Description	MTC Common Code Indicator	MTC Related Metering System Indicator	Mtc Meter Type ID	MTC Payment Type ID	MTC Communication Indicator	MTC Type Indicator	TPR Count
541	845	01/04/1996		HH COP5 And	T	F	C5	CR	Y	H	
542	846	01/04/1996		HH COP5 And	T	F	C5	CR	N	H	
582	900	13/05/2015		HH COP 10	T	F	C0	CR	Y	H	
587											

Check the MTC Common Code Indicator field - it informs you whether a given MTC is generic or specific. In this case it is 'T', indicating that this MTC is generic. You can find further information on entity forms in BSCP509 Appendix 2. You can also check the MTC Meter Type in the '**MTC Meter Type**' table:
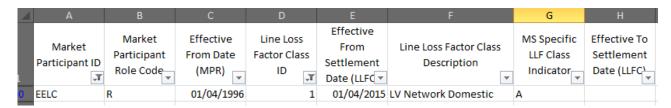
	MTC Meter Type ID	MTC Meter Type Description	Effective From Settlement date (MMT)	Effective To Settlement Date (MMT)
1				
2	6A	COP6(a) 20 days memory	01/04/1996	
3	6B	COP6(b) 100 days memory	01/04/1996	
4	6C	COP6(c) 250 days memory	01/04/1996	
5	6D	COP6(d) 450 days memory	01/04/1996	
6	C0	HH COP 10	13/05/2015	
7	C5	COP 1-5	01/04/1996	
8	C7	Code 7	01/04/1996	
9	IE	Import & Export Meter	28/09/2003	
10	LN	Teleswitch Non-Programmable	01/04/1996	
11	LP	Teleswitch Programmable	01/04/1996	
12	NE	NHH Export Meter	28/09/2003	
13	NO	Temporary - No Meter or other anomaly	01/04/1996	
14	PH	Unmetered - pseudo Half Hour	01/04/1996	
15	SS	Site Specific	01/04/1996	
16	TN	Timeswitch Non-Programmable	01/04/1996	
17	TP	Timeswitch Programmable (needn't have switch load)	01/04/1996	
18	UM	Unmetered	01/04/1996	
19	UN	No Timeswitch, Non-Programmable	01/04/1996	
20	UP	No Timeswitch, Programmable	01/04/1996	
21	XX	Not Known	01/04/1996	

Another field which might impact which Host LLFC you will choose is the 'MTC Payment type'.

	A	B	C	D
1	MTC Payment Type ID	MTC Payment Type Description	Effective From Settlement Date (MPT)	Effective To Settlement Date (MPT)
2	CR	Credit	01/04/1996	
3	KM	Key	01/04/1996	
4	KP	PRI Keypad Metering	03/06/2005	
5	OS	Other/Not Supported	01/04/1996	
6	PL	Power Line Carrier	01/04/1996	
7	SM	Smart Card	01/04/1996	
8	TL	Token - Large	01/04/1996	
9	TS	Token - Small	01/04/1996	

After reviewing all information we chose MTC Id of 845 ('COP 1-5'; 'HH COP5 and Above With Comms'; 'T').

Finally, to find applicable LLFC description for the Entity 17 form, look up the Host LDSO LLFC's description in the 'Line Loss Factors' MDD table.

	Market Participant ID	Market Participant Role Code	Effective From Date (MPR)	Line Loss Factor Class ID	Effective From Settlement Date (LLFC)	Line Loss Factor Class Description	MS Specific LLF Class Indicator	Effective To Settlement Date (LLFC)
0	EELC	R	01/04/1996	1	01/04/2015	LV Network Domestic	A	

A similar process would apply to choose NHH LLFC. Choose your LLFC (e.g. 20) and the desired mode of use. Check 'Valid MTC LLFC SSC Combination' or 'MTC LLFC SSC PC Combination' tables for correct NHH combinations. In our example we chose EELC LLFC 15. The Meter Timeswitch Class Id is 100. It has MTC Common Code Indicator field of 'F', hence we need to check its details in 'MTC in

PES Area' and '**MTC Meter Type**' and '**MTC Payment type'** tables. Here we can see that it is 'TN' (i.e. Timeswitch Non-Programmable) and 'CR' (i.e. Credit type). After identifying all required information, we need to check the Host LLFCs description as per our HH example.

If in doubt, please contact llfs@elexon.co.uk or mddc@elexon.co.uk

Other considerations

Other Codes

In order to operate a Distribution business, you must obtain a licence to do so from Ofgem, there is further information on Ofgem's Website. Please contact Ofgem (licensing@ofgem.gov.uk) to discuss this process further. The processes can be run in parallel – you can begin the BSC Market Entry process before you have been granted a licence but you are not able to complete Market Entry and register as a Distributor without a licence.

In order to fulfil your Distribution licence conditions, you will also be required to accede to the MRA and complete the MRASCO Assurance process, which sets out terms for the provision of Metering Point Administration Services (MPAS Registrations). The MRA is the multi-party agreement between all licensed electricity Distribution Businesses and Suppliers. More information on the MRA can be found at http://www.mrasco.com/about-the-mra and the Assurance team can be contacted at Assurance Assurance@gemserv.com.

In addition to the BSC and MRA, there are a number of other industry codes which you may need to become a Party to. The list of codes can be found on the Ofgem Website with contact details of the relevant Code Administrator. Your licence conditions will specify what codes you are required to sign up to. If you require further assistance on your obligations please contact Ofgem.

Metering

There is no BSC requirement for an embedded network to have a Settlement Meter installed at its Boundary Point. It is usual for a Meter to be installed, but this is primarily used for inter-Distribution Network Operator billing and falls outside of the BSC.

Commissioning

BSC Modification P283 transferred the responsibility for testing Metering equipment from the Meter Operator Agent (as appointed by the Registrant) to the equipment owner. In practice for an IDNO, this means that if you install any measurement transformers (i.e. Current Transformers (CTs) and Voltage Transformers (VTs)) you will also be responsible for commissioning the equipment.

Profile Administrator Report Data

Once you are operational in the Market, the BSC[4] and MRA[5] requires that a Distributor provides snapshots of the data contained in its SMRS upon BSCCo or PAB request. Currently the snapshot is requested each quarter. This snapshot contains information on all of the MPANs registered on the Distributor's network and the associated details. ELEXON will contact you prior to the submission with details of what fields are required and the format it should be presented in.

The Settlement Snapshot dates are:

- 15 January;
- 31 March;
- 15 July; and
- 30 September.

The snapshot data is required to be submitted 10 WD after the above dates.

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[4] BSCP501 4.5
[5] MRA Section 27

For any queries relating to this submission, please contact paa@elexon.co.uk.

Need more information?

Query	Email
Market Entry process including booking a Market Entry Meeting	market.entry@elexon.co.uk
SVA Qualification	qualification@elexon.co.uk
Market Domain Data	mddc@elexon.co.uk
Line Loss Factors	llfs@elexon.co.uk

For further information please contact the **BSC Service Desk** at bscservicedesk@cgi.com or call **0370 010 6950**.