BSC Guidance Notes Catalogue

Title	Summary	Category
Aggregation Rules	This explains why an Aggregation Rule is required; what an Aggregation Rule is; how Aggregation Rules work; BSCP Form Associations; how to Construct Aggregation Rules; GSP Group Take; CDCA Constraints & System Parameters for Aggregation Rules; and includes Appendix A: Definitions.	Registration
Alphanumeric Line Loss Factor Class Ids	This is for Licensed Distribution System Operators (LDSOs), Suppliers, Supplier Agents and any other market participants and information system developers who are interested in the change. It sets out the allowable LLFC Id formats, timescales for introducing alphanumeric LLFC Ids and some of the key implications in terms of validation, data flows and testing (CP1434).	Distribution
Approval of Automatic Standing Data Updates	To ensure that data sent to the Supplier Volume Allocation Agent (SVAA) by Data Aggregators is as complete as possible and doesn't contain any data that Suppliers aren't expecting. The SVAA validates files from Data Aggregators against 'standing data' and new entrants are required to submit forms to the SVAA.	Market Entry
Audit Issue Action Plans Checklist	If you are a BSC Party or Party Agent that has received an Audit Issue with either a Medium or Higher rating, you will be asked to submit an Error and Failure Resolution (EFR) plan. This will help you prepare your EFR plan.	Performance Assurance
Beginners Guide	Have you ever asked yourself one, or all, of the following? How is electricity traded? What is Imbalance Settlement? What are Bids and Offers? How do Generators and Suppliers fit into this model? What's ELEXON's role in this? What do all those acronyms mean? If so, this is for you. It provides a detailed look at the Trading Arrangements for electricity which covers what you need to know. The rules that govern electricity trading are covered in the Balancing and Settlement Code (BSC).	BSC
BM Units: Change of CVA Primary BM Unit Lead Party (CoPBLP) and Supplier ID Transfer Process	This explains how a BSC Party can transfer Central Volume Allocation (CVA) Primary BM Units to another Party. It also explains how a Supplier ID, with all its associated Supplier Primary BM Units, can be transferred to another Supplier.	Registration
BM Units: How to Register Primary BM Units relating to Generating Plant in the Central Volume Allocation Market	An overview of the registration of Balancing Mechanism (BM) Units relating to Generating Plants in the Central Volume Allocation (CVA) Market. It includes the registration of a BSC Party as well as the registration of the BM Unit. It contains a checklist of all the steps that need to be completed to register a BSC Party and for that BSC Party to register a BM Unit.	Registration
BM Units: Registration of Balancing Mechanism (BM) Units	ELEXON explains what Balancing Mechanism (BM) Units are, how they're used and how to register them under the BSC	Registration
BMRS API and Data Push User Guide	Application programming Interfaces (API), in context of BMRS, is a set of programming instructions for participants to access BMRS data directly from their systems outside of the firewall. Users can retrieve all the BMRS Data programmatically via a Representational State Transfer (REST) Application Programming Interface (API); and the Data Push Service. A near real-time information publication capability from the BMRS system to industry participants.	BMRS
BSC Accession Agreement	This is for Parties wishing to Accede to the BSC. Applicants who wish to sign up to the BSC must complete this Accession agreement with the relevant details.	Market Entry

Title	Summary	Category
BSC Accession Form	As a company entering the market you are required by ELEXON to meet certain requirements set out in Section A of the BSC.	Market Entry
BSC Agents	BSC Agents provide services under the BSC arrangements. Section E of the BSC defines the roles and responsibilities.	BSC
BSC Audit Process	This covers the BSC Audit and when it occurs; what meetings BSC Parties are required to attend and how BSC Audit Issues are communicated to participants.	Performance Assurance
BSC Change Process	The BSC Change process can be used to make changes to the BSC arrangements in response to any concerns, problems or defects that Parties may identify in the current processes.	Change
BSC Modifications Self-Governance	Where Modification Proposals are considered to have material impacts, the recommendation of the BSC Panel is considered by the Gas and Electricity Markets Authority (the 'Authority'), who makes the ultimate determination if (and when) the change should be implemented. Modifications Proposals that will not have a material impact are considered only by the BSC Panel, who determines if (and when) the change should be implemented without reference to the Authority. This is the 'Self-Governance' route.	Change
BSC Trading Arrangements	This provides a high level explanation of the New Electricity Trading Arrangements (NETA) introduced in England and Wales in March 2001. Further information on these arrangements is contained in the Balancing and Settlement Code (BSC) and supplementary BSC documentation available on the BSC Website.	BSC
BSCP Forms Contact Details	This provides contact details for the submission of BSCP forms. For general BSCP queries, please contact the BSC Service Desk.	Settlements
BSCP32 Metering Dispensations Application Key Dates	Information for BSC Parties wishing to make application for a Metering Dispensation in accordance with BSCP32	Metering
BSCP38 Directors Letter Template	BSCP38 Authorised Signatories. For Category "A" authorised persons for Parties that have acceded to the Balancing and Settlement Code (BSC).	Market Entry
BSCP514 Agent de-appointment process	This provides guidance relating to ELEXON's interpretation of agent de-appointment processes in order to help ensure Performance Assurance Parties (PAPs) compliance with BSCP514	Performance Assurance
Burn Hours Review: Methodology Statement	In order to re-calculate the data on an equitable basis by GSP region and PECU type a methodology is required that will provide a reasonable estimate of the expected Burn Hours.	Unmetered Supplies
Business Unit Settlement Risk Ratings (BUSRRs)	Are you a Supplier or Meter Operator? Do you want to understand how you are performing against the Top Settlement Risks and the impact this could have on your organisation? This document helps you understand what BUSRRs are, how they are calculated and the impact your performance against the BUSRRs may have for your organisation.	Supplier & Supplier Agents

Title	Summary	Category
Calculating and Compensating for power transformer and cable (or line) losses – standard methods	This sets out basic standard methods for calculating electrical loss compensation factors for power transformers and cables (or lines) that need to be applied to Half Hourly Metering Systems (HHMS) used for Settlements. This is in the event the measurement transformers for a HHMS cannot be located at the Defined Metering Point (DMP), as set out in the relevant metering Code of Practice (CoP). Due to this non-compliance with the requirements of the CoP the Registrant of the HHMS needs to apply for a Metering Dispensation and it may be necessary to compensate the HHMS for electrical losses in any power transformers and/or cables (or lines) between the Actual Metering Point (AMP) and the DMP.	Metering
Cancellation of High Grade, Low Grade Communications Service	There are four cancellation scenarios: 1. Cancelling a High Grade Service and continuing to access trading data using the Low Grade Service. 2. Cancelling a High Grade Service and to cease accessing and submitting trading data. 3. Cancelling a Low Grade Service and discontinuing access to trading data. 4. Cancelling a TIBCO licence.	Market Entry
Central Management Systems Customers/Operators	This will help you benefit from a CMS (Central Management System). It explains what a CMS is, its place in Unmetered Supplies arrangements, and how to work with CMS manufacturers, the local Distribution business and electricity Suppliers.	Unmetered Supplies
Central Management Systems Equivalent Meter Test Specification	The purpose of this is to specify the testing required for approval as a Central Management System Equivalent Meter.	Unmetered Supplies
Central Management Systems Manufacturers	This will help you gain approval for your CMS. We explain the technical considerations and steps you need to take to get your CMS approved.	Unmetered Supplies
Change of Measurement Class and Change of Profile Class (COMC)	This details CoMC and CoPC obligations in the Balancing and Settlement Code (BSC) and Code Subsidiary Documents and best practices around them. Suppliers, Meter Operator Agents and Data Collectors will find this of most value, as these are market roles most affected by Change of Measurement Class and Change of Profile Class.	Settlements
Communication Line Request form	You must complete the Communication Line Request Form if you intend to enter the market.	Market Entry
Compliance testing and protocol approval of Settlement Meters and Outstations	This will help those seeking to deploy new Meters and/or Outstations for use in Half Hourly (HH) Settlement in the Great Britain (GB) market. This is primarily aimed at Meter/Outstation manufacturers seeking compliance testing approval and protocol approval, who may not be familiar with the Balancing and Settlement Code (BSC) and its Code Subsidiary Documents. HHDCs and the CDCA will also find this useful when seeking protocol approval for Outstations they wish to collect HH data from, for use in Settlement.	Metering
CoP 4 Commissioning of measurement transformers for Settlement purposes	This provides information regarding the Balancing and Settlement Code (BSC) requirements for the commissioning of Half Hourly Metering Equipment in accordance with Code of Practice 4. (P283)	Metering
CoP 4 Guidance	This will help Registrants and CVA and SVA Meter Operator Agents to meet some of the requirements of Code of Practice 4.	Metering
CoP 4 Sample Meter Calibrations	This explains why you need to carry out sample Meter Calibrations; what size the sample should be and how you choose the sample meters.	Metering

Title	Summary	Category
CoP Compliance Protocol Approvals	A record of Metering Equipment that has passed Compliance Testing and protocols (used for communicating with Metering Equipment) approved under the Protocol Approval process. Metering Equipment compliance and protocol compliance is approved in line with the processes detailed in BSCP601. Compliant Metering Equipment is recorded against the version and issue of the Code of Practice that it was approved against. Metering protocols are recorded against the Half Hourly Data Collector approved to use the protocol and the year in which the Protocol Approval was granted.	Metering
CoP Timeline	A record of all changes (and the month and year in which they changed) made to each Code of Practice that resulted in an update to either the issue number or version number of a particular Code of Practice.	Metering
CP1401 Implementation Guide Cleansing Negative EACs	This is for Suppliers, Non Half Hourly Data Aggregators (NHHDA) and Non Half Hourly Data Collectors (NHHDC). It provides information on the timescales for cleansing negative Estimated Annual Consumption (EAC) values and seeks to answer questions that are likely to arise. See CP1401.	Supplier & Supplier Agents
CP1465 Implementation Guide	Occasionally NHHMOAs carry out meter exchange activity or other meter work after they have sent the Meter Technical Details (MTD) on a change of MOA. In some cases, an outgoing or incoming NHHMOA may carry out the work on a date for which they are not appointed because a scheduled site visit is not cancelled on de-appointment. See CP1465.	Change
Credit Assessment Load Factor (CALF)	In accordance with BSC Section M this provides guidance on the principles and process by which Credit Assessment Load Factors are calculated and used in the determination of a Trading Party's Energy Indebtedness.	Credit
Credit Assessment Price Review Process (CAP)	This sets out the processes ELEXON uses to determine when a review of the Credit Assessment Price (CAP) will be held and the procedures followed during a review of the CAP value. The CAP is defined in Section M of the BSC. The CAP is essentially a parameter used to convert Actual Energy Indebtedness and the credit cover lodged by a BSC Party into an equivalent MWh amount.	Credit
Credit Cover	This explains why you need Credit Cover and to how to lodge it; how we calculate your indebtedness; and how to check your Credit Cover Percentage (CCP).	Credit
Credit Default	This explains what is included in the credit checking process; what happens if you breach the Credit Default thresholds; and how Credit Default interacts with Payment Default and BSC Default (Section H).	Credit Default
CVA Qualification New Participants Guide	This will help new entrants to understand CVA Qualification and its relationship to Registration in the CRS (Central Registration System). The CVA Qualification process is defined in BSCP70: CVA Qualification Testing for Parties and Party Agents.	Market Entry
D0095 User Guide Volume 1: Process Management Guide	This describes the NHHDA Check Data Collector Data (CDCD) function and provides guidance on the management and resolution of exceptions.	Supplier & Supplier Agents
D0095 User Guide Volume 2: Technical Guide	Guidance for Suppliers on the resolution of Non Half Hourly Data Aggregation exceptions.	Supplier & Supplier Agents

Title	Summary	Category
D0313 Auxiliary Meter Technical Details	This provides guidance to Balance and Settlement Code (BSC) Parties with their obligations regarding transfer of D0313 data flows, outlined in BSCP514.	Metering
D380 Declare Use Form	Use of Generic Metering Dispensation D380 for customers on private networks. Notification to BSCCo.	Metering
D380 Metering Dispensation	A customer who wants to choose their own Supplier must provide the private network operator with an expression of interest, including evidence that at least one Supplier would be willing to provide the supply; and within 20 Working Days, the private network operator must specify the metering or contractual arrangements that would be required in order to allow competitive supply.	Metering
De-appointed Supplier Agents	This provides information on the on-going data quality obligations on Non Half Hourly Data Collectors (NHHDC) and Non Half Hourly Meter Operator Agents (NHH MOA) following de-appointment by the Supplier.	Supplier & Supplier Agents
Defaulting Party and Failing Supplier Process (Section H)	This explains what happens when a Party Defaults under Section H of the BSC, a 'Section H Default', including a Trade Sale and Supplier of Last Resort (SoLR). Further information can be found in Sections H and K of the BSC.	Credit Default
Delivery of Advice Notes, Backing Sheets and Confirmation Notices	This provides BSC Parties with information about when Advice Notes, backing sheets and Confirmation Notices are sent to you by the Funds Administration Agent (FAA). For further information see BSCP301: Clearing, Invoicing and Payment.	Trading Charges
Direct Debit Form	Instruction to your Bank or Building Society to pay by Direct Debit.	Market Entry
ECVAA Web Service	The ECVAA Web Service (EWS) is a web-based reporting and submission tool that provides users with Energy Contract Volume Notification (ECVN) and Metered Volume Reallocation Notification (MVRN) data.	Contract Notifications
EFR and EFR Escalation Process	This explains what Error and Failure Resolution is and how it is applied; The timescales for producing and reviewing action plans; and how issues are escalated to the Performance Assurance Board (PAB) and the BSC Panel.	Performance Assurance
Embedded Generation and Embedded Benefits	This explains what Embedded Exemptable Generation is; what the Transmission System Use of System arrangements are; and what the benefits available to Embedded Exemptable Generation are.	Embedded Generation
Erroneous Large EAC/AA Annual Billed Unit	This gives an explanation of how Annual Billed Unit (ABU) data is used by ELEXON's Large EAC/AA (LEA) system and details of how to determine and submit ABU data.	Supplier & Supplier Agents
Erroneous Large EAC/AAs Management and Resolution	Guidance to Suppliers and Agents on managing and resolving Erroneous Large Estimated Annual Consumption and Annual Advances (EACs and AAs).	Supplier & Supplier Agents
Error and Failure Resolution (EFR) Action Plan Template (BSCP538)	The purpose of this is to set out the process that Performance Assurance Parties (PAPs) and BSCCo shall follow when an error and/or failure occurs where a PAP's Risk Management Plan states that the Error/Failure should be addressed through the Error and Failure Resolution (EFR) process.	Performance Assurance

Title	Summary	Category
Exception Reporting in the Half Hourly Market	This provides Suppliers and their HHDCs with a comprehensive reference on the HHDA D0235 Exception Report so that they can integrate effective use of the report into their business processes and local working instructions (LWIs).	Supplier & Supplier Agents
Funding Shares	This covers the charges Parties must pay; how we calculate the Funding Shares and what happens if a Party does not pay?	BSC Charges
Grid Supply Point (GSP) Group Correction	This explains GSP Group Take; GSP Group Correction; GSP Group Correction Factors; how GSP Group Correction Factors are calculated and GSP Group Correction Factors and Scaling Weights.	Settlements
Gross Volume Correction (GVC)	GVC is a technique used to correct errors relating to Meter Advance Periods during which some Settlement Dates have already been subject to the RF Run.	Supplier & Supplier Agents
HHDA Metering Solution for EMR (FAQs)	ELEXON explains how to use and populate the D0354, D0355, D0356 and D0357 data flows that support the Electricity Market Reform (EMR) arrangements.	Electricity Market Reform (EMR)
How to complete the Funds Accession Form (BSCP301)	We explain how to complete the Funds Accession Form (FAF) BSCP301so that our Funds Administration Agent can debit or credit you correctly.	Trading Charges
How to read Advice Notes & Confirmation Notices	This explains how to read your Advice Notes and Confirmation Notices.	Trading Charges
How to read Trading Charges Backing Sheets	This explains the purpose and format of Trading Charges backing sheets that are sent to you by the Funds Administration Agent.	Trading Charges
Imbalance Pricing	This explains the electricity imbalance pricing ("cash out") arrangements in the Balancing and Settlement Code (BSC).	Pricing
Independent Distribution Network Operator (IDNO) – Entering the Market	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) and an Unmetered Supplies Operator (UMSO) in Supplier Volume Allocation (SVA).	Market Entry
Interconnector Trading	This explains what an Interconnector is and how it is used; what Interconnector BM Units, Interconnector Administrators and Interconnector Error Administrators are; and how Settlement works for Interconnector Users.	Interconnector
Lamps Appendix to Application Form	This appendix is for use with the Application Form for Lamps.	Unmetered Supplies
Lamps Application Form	All applications are subject to Industry Approval. If an application is large or contentious, the approval process may take longer.	Unmetered Supplies
LED Charge Code Range Application Form generic	All applications are subject to Industry Approval. If an application is large or contentious, the approval process may take longer.	Unmetered Supplies

Title	Summary	Category
LED Charge Codes: guidance for Manufacturers, Application Process generic	This details and defines the structure of Generic LED Charge Code Ranges and explains the documents ELEXON require from a manufacturer for a Generic LED Charge Code Range to be issued. This also provides an overview of the key steps involved in each application cycle and why Charge Codes can take weeks to be approved.	Unmetered Supplies
LED Customer Guidance generic	This provides guidance to UMS customers on how to correctly declare the new Charge Codes and Switch Regimes on their UMS inventory submissions to Unmetered Supplies Operators (UMSOs). Further detail can be found in the UMS Operational Information Document (OID).	Unmetered Supplies
Line Loss Factor Submission, Audit and Approval	If you are a Licensed Distribution System Operator (LDSO), this will help you fulfil your obligations set out in BSCP128: Production, Submission, Audit and Approval of Line Loss Factors.	Distribution
Load Profiles	This is a broad overview of 'Load Profiling'. It explains what a Load Profile is, how Load Profiles are created by the Profile Administrator (PrA), and how they are applied to the Balancing and Settlement Code (BSC).	Settlements
Long Term Vacant Sites	This explains what criteria must be met to classify a site as Long Term Vacant; how long a site can be classified as Long Term Vacant for; and what reading should be entered into settlement.	Supplier & Supplier Agents
Market Domain Data FAQs	Questions commonly asked by market participants about the Market Domain Data (MDD) process.	Market Domain Data
Market Domain Data Made Easy	This is a simple guide to Market Domain Data.	Market Domain Data
Market Domain Data Overview	This covers the Market Domain Data process at a high level. If you're an SVA market participant, you'll find this a useful introduction to MDD.	Market Domain Data
Market Entry SVA Qualification	A high level overview of the Supplier Volume Allocation (SVA) Qualification process.	Market Entry
Market Exit Flow Diagram	A high level flow diagram designed to help BSC Parties understand the activities that must be undertaken under each Participation role to complete the withdrawal process successfully.	Market Exit
Market Exit Simple Guide to Withdrawal from the BSC	This explains at a high-level the processes a BSC Party needs to follow in order to withdraw from the BSC arrangements in Great Britain. It summarises the processes and obligations contained in Section A of the BSC and in BSCP65 and should be read in conjunction with these.	Market Exit
Market Role	A description of the Party & Party agent's roles that companies operate within the market. Companies may choose to operate as one or more of these roles. If you're not sure of which role you will operate as, please contact the BSC Service Desk.	Market Entry
Material Change and Triggers for re-Qualification	As a requirement of BSCP537 all organisations who are Qualified, except Suppliers, are required to maintain their Qualified status through the re-Qualification process.	Market Entry
Material Doubt Section M	The rules governing Credit Cover and Credit Default are specified in BSC Section M: Credit Cover and Credit Default. This covers the definition of material doubt; the information that should be provided when claiming material doubt; and the process ELEXON follows for assessing material doubt.	Credit

Title	Summary	Category
Measured Central Management System Test Specification	ELEXON explains what testing needs to be undertaken before a product can be approved as a measured Central Management System (mCMS), which uses measured feedback, under the BSC's Unmetered Supplies (UMS) arrangements. This test specification covers non-lighting Apparatus that is not appropriate to test using the separate CMS Equivalent Meter Test Specification.	Unmetered Supplies
Metering Demand Sites with generating equipment installed (Import Export metering systems)	This clarifies the Balancing and Settlement Code (BSC) Metering Equipment requirements for Import and Export Metering Systems that are, or are to be, registered in a Supplier Meter Registration Service (SMRS) for a site at which Third Party Generating Plant is installed.	Metering
Metering for Offshore Wind Farms	This clarifies the BSC requirements for measuring and recording flows of electricity for Settlement purposes at Offshore wind farms that are subject to the Offshore Transmission Regime, i.e. Offshore wind farms that connect onshore to the Transmission System, or a Distribution System, where the Offshore transmission assets convey electricity from or to shore at or above 132,000 volts (132kV).	Metering
Metering Systems and Compliance with BSC Metering Codes of Practice	This covers the definition of a Metering System; the rules regarding compliance with the BSC Codes of Practice (CoPs); and the purpose of Metering Dispensations.	Metering
Microgeneration and the Balancing and Settlement Code	A high-level overview of the processes that Suppliers and Supplier Agents should follow to register microgeneration under the Balancing and Settlement Code (BSC).	Registration
Monitoring of Incorrect Non Half Hourly (NHH) Energisation Status	Metering System Energisation Status is used by Non-Half Hourly Data Aggregators (NHHDAs) to determine whether consumption for a Metering System is included in data aggregation. If the Energisation Status in the Supplier Meter Registration Service (SMRS) does not match the actual physical status, this can result in a Settlement error. Settlement Risk SR0026 relates to incorrect Energisation Status. This is an overview of the issue and outlines how we monitor it.	Supplier & Supplier Agents
MSIDs and MPANs	Definitions of Meter Point Administration Numbers (MPANs) and Metering System Identifiers (MSIDs).	Settlements
National Measurement Transformer Error Statement	The NMTES is a record of average errors attributable to specific measurement transformers based on sample data submitted to ELEXON by LDSOs. The process for submitting new data for addition to NMTES is detailed in BSCP515. NMTES can be used for Technical Assurance of Metering Systems, complying with Codes of Practice 3 & 5, where individual measurement transformer error certificates are not available.	Metering
New Entrant FTP Test Procedures	Defines the FTP (File Transfer Protocol) testing procedures to be used by CGI and participants, pre-New Entrant Testing, to confirm communication lines have been successfully installed and data files can be exchanged.	Market Entry
NHH Meter Reading Validation Algorithm	This algorithm is available to Market Participants should they choose to build elements of it into their systems. The algorithm rules may be of use in Meter Reading Validation systems and also in the systems used to deal with exceptions. There is no obligation on BSC Parties to adopt its use.	Supplier & Supplier Agents
Notification of Commissioning Status	This document seeks to provide guidance to all parties involved in the process of Commissioning Metering Equipment following implementation of CP1496 and CP1497 and new data flows that are required.	Metering

Title	Summary	Category
Notification of Commissioning Status Appendix B (Excel)	This is Appendix B to the Notification of Commissioning Status Guidance and is in Excel format	Metering
Operational Information Document	A guide to Unmetered Supplies under the BSC.	Unmetered Supplies
Operational Support Managers	This covers the services offered by Operational Support Manager (OSM); how you are appointed an OSM and how to find your OSM.	Operational Support Managers
P339 Implementation Guide	This will be of interest to Distribution Network Operators (DNOs), Independent Distribution Network Operators (IDNOs), Half Hourly Data Aggregators (HHDAs) and Suppliers.	Change
P350 FAQs	P350 introduced locational pricing for transmission losses. The greater the distance electricity needs to be transported, the higher the transmission losses. The cost of these losses varies by geographical location. P350 will introduce a Transmission Loss Factor (TLF) for each TLF Zone (a Zone is the geographic area covered by a GSP Group with a 1:1 relationship) for each BSC Season in order to allocate transmission losses on a geographical basis.	Change
Panel Elections Determining Trading Party Groups 2018	A high level explanation of a Trading Party Group. Its purpose is to assist Trading Parties to determine whether they are part of a Trading Party Group, as defined in the Balancing and Settlement Code (BSC), so that they can accurately declare this information to ELEXON when requested to do so for the purposes of the election of Industry Panel Members to the BSC Panel.	Panel
Panel Elections General Guidance 2018	This outlines how industry members are elected to the BSC Panel and the key stages of the election process. Further information on the BSC Panel and the election process can be found in BSC Section B.	Panel
Panel Elections List of Trading Parties Entitled to Vote	A high-level explanation of a Trading Party Group. Its purpose is to help Trading Parties determine whether they are part of a trading party group as defined in the Balancing and Settlement Code (BSC) so that they can accurately declare this information to ELEXON when requested to do so for the purposes of the election of Industry Panel Members to the BSC Panel.	Panel
Panel Elections Timetable 2018	Timetable for 2018 Panel Elections.	Panel
PARMS Guidance	You should read this in conjunction with BSCP533 and its Appendices. This does not replace your responsibility to follow the BSCP or any associated obligations. It is not intended to cover every aspect of the serials but to help you understand the process.	Performance Assurance
Participant Communications Overview Guide (PCOG)	This provides an overview of BSC Central Services for organisations intending to become BSC Market Participants. It is derived from the more detailed Participant Communications Installation Guide (PCIG) which is available to participant organisations on request from the BSC Service Desk.	Market Entry
Participant Test Service Booking Form	There is a 10 Working Day (WD) lead time for test bookings. Tests slots are booked by ½ day sessions. AM session = 9am - 1pm, PM session 1pm – 5pm.	Market Entry

Title	Summary	Category
Participant Test Service User Guide	This describes the BSC Participant Test Service (PTS), and outlines the actions required by BSC Participants in order to use the service. This does not provide an overall description of the operation of the BSC services – instead it identifies where the PTS differs from the operational service, and provides details for accessing the test service.	Market Entry
Party Novation	An overview of the process of novation under the BSC. The Party novation process was introduced to the BSC to allow a company to transfer (novate) its' BSC Party ID to a new company number, including all rights and obligations under the BSC. Novation applications will be determined on a case by case basis by the BSC Panel with a recommendation from the Performance Assurance Board (PAB).	Market Entry
PAT Guiding Principles	This contains the guiding principles for Performance Assurance Framework (PAF) techniques and how they are applied by the Performance Assurance Board (PAB).	Performance Assurance
Performance Assurance Report Mapping (new)	This highlights the range of Performance Assurance reporting ELEXON produces. The paper gives a description of the reporting, maps the 2018/19 Settlement Risk, and notes the relevant 2019/20 Settlement Risk areas.	Performance Assurance
Performance Assurance Risk Mapping (new)	This illustrates the mapping of the Top Settlement Risks from the 2018/19 Performance assurance Operating Period (PAOP), and the Focus Risks in the 2019/20 PAOP. The document identifies the cross over and differences between the PAOPs, and informs Parties of the rationale behind the judgment ELEXON has made.	Performance Assurance
Production/Consumption Status and Flag	We explain what a Production/Consumption (P/C) Status is; what the P/C Flag is and how this affects P/C Status how we determine the P/C Flag and P/C Status; what effect P/C Status has on BSC Parties' Energy Account imbalance; Balancing Mechanism (BM) Unit Metered Volumes; Energy Indebtedness (Credit Cover) and how Parties can check a BM Unit's P/C Flag and P/C Status. This also covers why P/C Status doesn't affect how we allocate transmission losses.	Contract Notifications
Profiling Samples and Candidate Selection	This explains what PrA Samples are; Profile Classes and Super Strata; how Sample Participants are selected and what checks should be made on selected participants.	Settlements
Radio Teleswitch Standard Settlement Configuration Mapping	This explains the steps for Establishing valid Standard Settlement Configuration (SSCs) including how to identify the SSCs that need to be mapped; how to identify the switched load Time Pattern Regime (TPR); Greenwich Mean Time (GMT) and/or Clock Time queries; identifying the Teleswitch User Groups and Teleswitch Group Ids; identifying the most common switching times associated with each TPR. It also explains how to identify a non-Teleswitch equivalent SSC and check that the Line Loss Factors are valid.	Supplier & Supplier Agents
Registration of BM UNITS for Electricity Market Reform (EMR)	An overview of why and how BM Units are used for Electricity Market Reform (EMR) settlement; the differences between BM Units for SVA and CVA EMR Assets; and explains how BM Units are registered and deregistered for use in the EMR arrangements.	Registration
Registration of Systems Connection Points	A circuit at a Systems Connection Point must not be physically energised until ELEXON has issued an approval to energise it. This approval will be issued once all Settlement requirements have been completed and verified. This draws together flow diagrams and requirements set out in various BSCPs. It also contains checklists of the Licensed Distribution System Operators (LDSO) requirements for each type of Systems Connection Point.	Registration

Title	Summary	Category
Residual Cashflow Reallocation Cashflow (RCRC)	For all Settlement Periods, the Total Residual Cashflow (TRC) is calculated as being the sum of all energy imbalance charges across all parties and accounts. This value represents the total amount of money to be redistributed (or collected) via the Residual Cashflow Reallocation Cashflow (RCRC).	Trading Charges
Schedule of Main and SVA Specified Charges	This sets out the amounts/rates of the Main and SVA Specified BSC Charges, as defined in Annex D-3 of the BSC. These charges are determined each year by the BSC Panel in accordance with Annex D-3.	BSC Charges
Schedule of Specified Communication Charges	This sets out the amounts/rates of the Dataline Monthly Charge, TIBCO Set-up Charge and TIBCO Software Support Charge from 1 April until 31 March as determined by the Panel in accordance with Section D of the BSC.	BSC Charges
Settlement Calculation Hierarchy Overview	The Settlement Calculation Hierarchy is a visual representation of the core Settlement calculations in the Balancing and Settlement Code (BSC). You can navigate the calculations and see the relationships between the different calculation elements. You can see how a particular data item fits into the overall picture. Each model comprises a calculation hierarchy with a sequence of boxes, each containing a calculation or input. The inputs are towards the bottom of the page and the key output at the top of the page.	Settlement Calculation Hierarchy
Settlement Calculation Hierarchy: Calculate BM Unit Allocated Demand Volume	The aim of this section is to build the profile coefficient or 'fraction of demand' most suited to the Settlement Period (e.g. by factoring in seasons, time of day, etc.) and apply it to each consumption data item provided by Data Aggregators on behalf of Suppliers.	Settlement Calculation Hierarchy
Settlement Calculation Hierarchy: Calculate Credit Cover Percentage	This shows how the Credit Cover Percentage is calculated. Credit Cover is required to ensure that Parties have enough collateral to cover their Trading Charges over the 29 days in case of default.	Settlement Calculation Hierarchy
Settlement Calculation Hierarchy: Calculate Trading Charges	This summarises the Trading Charge calculations for BSC Parties and the System Operator. It sums up each element of the Trading Charge to the Party/System Operator level.	Settlement Calculation Hierarchy
Settlement Cashflows	A high level explanation of the Settlement Cashflows under the Balancing and Settlement Code (BSC). Full information can be found in Section T of the BSC.	Settlements
Settlement Risk 24	This will help you put measures in place to improve your SR0024 performance by understanding the most common reasons of failure and what is required of you if you have had the Error and Failure Resolution (EFR) process turned on against you for this risk.	Performance Assurance
Settlement Risk 25	This will help you put measures in place to improve your SR0025 performance by understanding the most common reasons of failure and what is required of you if you have had the Error and Failure Resolution (EFR) process turned on.	Performance Assurance
Settlement Risk 28	This is for Suppliers, Half Hourly Meter Operator Agents (HHMOAs) and Half Hourly Data Collector (HHDCs) to help analyse and address the root causes of the non-compliances (NCs) raised by the Technical Assurance Agent (TAA) to measure Settlement Risk 28.	Performance Assurance
Settlement Risk Evaluation in the Performance Assurance Framework	This provides guidance on the principles that the Performance Assurance Board (PAB) uses when assessing the probability, impact and strength of controls in relation to Settlement Risks.	Performance Assurance

Title	Summary	Category
Signals & Miscellaneous Charge Codes Application Form	All applications are subject to Industry Approval. If an application is large or contentious, the approval process may take longer.	Unmetered Supplies
Smart Meter Technical Detail (MTD) Report	This provides guidance on each section within the smart Meter Technical Detail (MTD) report. This report will be presented to the Performance Assurance Board (PAB) on a monthly basis in its pubic session whilst the Settlement Risk associated with smart MTDs is considered significant.	Metering
Smart Metering and BSC Codes of Practice	Sets out the requirements in the BSC Codes of Practice that Suppliers will need to comply with, over and above those in Smart Metering Equipment Technical Specifications (SMETS2).	Metering
Smart Metering and Compliance with the BSC	This is for Non-Half-Hourly Suppliers and their agents before and during installation of Smart Meters, to maintain compliance with the Balancing and Settlement Code (BSC) and minimise the impact on performance against the Settlement Risks.	Supplier & Supplier Agents
Statement of Generic Metering Dispensations	Generic Metering Dispensations may be applied to any item of Metering Equipment.	Metering
Statement of Site Specific Metering Dispensations	A list of the current non confidential, site specific, metering dispensations that have been approved in accordance with BSCP32: Metering Dispensations.	Metering
Street Lighting Load Research Project	This report of streetlamp power consumption was commissioned by ELEXON to determine the actual power used by a selection of lamp types in the field, measured over a period of three months. The report follows on from an earlier report issued in January 2012 on power consumption in the field of predominantly SOX type lamps.	Unmetered Supplies
Supplier Guidance on Achieving 97%	If you answer 'yes' to these questions then this document is for you: Are you a Non Half Hourly Supplier? Do you need to improve your percentage AA performance? Are you looking to learn or re-learn the principles and approach to good Settlement performance?	Supplier & Supplier Agents
SVA Half Hourly Market Best Practice	Best Practice guidelines for Suppliers and their Agents for managing their Half Hourly (HH) Metering Systems (MS). Further information can be found in the Balancing and Settlement Code (BSC) and related BSCPs published on the BSC Website.	Metering
SVA Qualification Approach to Witnessing	An overview of the approach to witness testing that will be taken by ELEXON when reviewing Qualification applications.	Market Entry
SVA Qualification Storyboards and Test Guidelines	Guidelines for storyboards and other tests that may be used by Party Agents as a basis of a test programme to meet the SVA Qualification Requirements under the Balancing and Settlement Code (BSC).	Market Entry
Technical Assurance HH Metering categories common non compliance	Technical Assurance of Half Hourly Metering Systems (TAM) is an assurance technique in Section L of the BSC and BSCP27. The technique involves inspecting a sample of Half Hourly Metering Systems by the Technical Assurance Agent (TAA). We provide examples of the common types of non-compliance that the TAA may identify.	Performance Assurance
Technical Assurance How to rectify common non-compliances	This will help you learn about rectifying non-compliances raised under the Technical Assurance of Metering (TAM) process by the Technical Assurance Agent (TAA). You can find the obligations that you need to adhere to for the Technical Assurance of Metering in Section L of the BSC and in BSCP27.	Performance Assurance

Title	Summary	Category
Technical Assurance Inspections Securing Access	This describes best practice for Half-Hourly Suppliers/Registrants and Meter Operators when arranging access for the Technical Assurance Agent (TAA) to perform inspections on Half Hourly (HH) Metering Systems.	Performance Assurance
Technical Assurance Metering Authorisations	Each network operator has different requirements before they grant authorisation to the individual inspector. Most require completion of some form of Health and Safety training course provided by the network operator, in addition to holding a current first aid certificate. Others provide authorisation based on the condition that a suitably authorised MOA accompanies the inspector on-site.	Performance Assurance
Technical Assurance Performance Assurance Parties	A high level overview of the Technical Assurance of Performance Assurance Parties (TAPAP) process. The TAPAP process is defined in BCP535.	Performance Assurance
Testing Guidelines	Guidelines for testing changes to the BSC Software, Systems and Processes. It also provides a high level view of test procedures that are followed by various parties involved in testing.	Change
Third Party Access to Licence Exempt Distribution Networks	This focuses on the Balancing and Settlement Code (BSC) obligations and processes associated with facilitating third party access for electricity customers within private distribution networks.	Metering
Trading Dispute Process for erroneous Large EAC/AA	This explains how to raise a Trading Dispute to facilitate the correction of erroneous large EAC/ AA instances that have crystallised. This document does not apply where a large EAC/AA reflects genuine high consumption or was created as part of the Gross Volume Correction (GVC) process.	Trading Disputes
Trading Disputes and Affected Parties	This is for Trading Parties and provides information on affected Parties in the Disputes process; how we identify them and how they fit into the process.	Trading Disputes
Trading Disputes Committee Party Attendance	This explains the procedure for parties, wishing to attend the Trading Disputes Committee (TDC). Once a Trading Dispute has been raised in accordance with BSCP11, the Raising Party or any affected Party has the option to attend the Trading Disputes Committee meeting where the Trading Dispute will be heard.	Trading Disputes
Trading Disputes Determination by Panel	This procedure has been established by the BSC Panel in connection with its consideration and determination of these Trading Disputes and, if applicable, the Panel's role in any necessary consequential adjustments to settlement. This sets out procedural matters relating to the making of Referrals and the conduct of Panel hearings. It does not seek to repeat or replace Section W of the BSC. It does not apply to disputes which are not Trading Disputes.	Trading Disputes
Trading Disputes Process	The Disputes process is a way for BSC Parties to correct errors in Settlement that have affected Trading Charges. All Trading Disputes are assessed against three criteria, which must be met for the Dispute to be upheld. Disputes are confidential.	Trading Disputes
Trading Units	This covers what a Trading Unit is; what the benefits of registering as a Trading Unit are and how to register a Trading Unit.	Registration

Title	Summary	Category
Transmission Loss Factor (TLF) Determination	Section T, Annex T-2 of the BSC requires BSCCo to publish on the BSC Website, on or before 31 December each year, all input and output data from the determination of Transmission Loss Factors (TLFs) for use in the next BSC Year. These data files are published on the TLFs Determination page of the ELEXON Portal. This guidance note describes the source of each data file, how each input data file is used in the determination of TLFs, and the purpose of each output file. Also see P350	Transmission
Transmission Losses	This contains information about the Transmission System, and how Transmission Losses are treated under the BSC.	Transmission
UMS Charge Code Process	A charge code is used to look up the circuit watts associated with unmetered equipment to calculate consumption. You can use charge codes to get your equipment connected and to make your billing arrangements.	Unmetered Supplies
UMS Monitoring Explanatory notes	ELEXON monitors the issue of erroneous values of Unmetered Supplies in the Non Half Hourly (NHH) market. The monitoring involves comparing UMS data from Unmetered Supplies Operators (UMSOs) and Non Half Hourly Data Aggregators (NHHDAs) on a particular Settlement Date following the SF run. The monitoring takes place quarterly and the dates used can be found in the UMS Monitoring Timetable.	Unmetered Supplies
Unmetered Energy Street Lighting Inventories (MUESLI)	Managing Unmetered Energy Street Lighting Inventories. This document has been endorsed by the ADEPT Lighting Group, ELEXON, the Energy Networks Association, the Institution of Lighting Professionals, the UK Lighting Board & the Local Government Technical Advisers Group as representing good practice in establishing, maintaining and auditing inventories for unmetered street lighting supplies.	Unmetered Supplies
Valid Outstation Types	'Outstation Type' is a data item contained within the D0268 Half Hourly (HH) Meter Technical Details flow and is used by HH Meter Operators (MOs) and HH Data Collectors (DCs) to specify and determine which protocols must be used in order to dial into a particular Outstation. It is defined in the MRA Data Transfer Catalogue (DTC) as a three-character identifier, along with a Valid Set of available codes.	Codes of Practice
Variable Power Switch Regimes (VPSR) Appendix to Application Form	This Appendix should be used with the UMS Switch Regime and VPSR Form.	Unmetered Supplies
Variable Power Switch Regimes (VPSR) Application Form	All applications are subject to Industry Approval. If an application is large or contentious, the approval process may take longer.	Unmetered Supplies
Volume Notifications	This explains what Energy Contract Volume Notifications and Metered Volume Reallocation Notifications are; how to set up Notification Agent Authorisations and how to submit Volume Notifications.	Contract Notifications

Further Information

- If you need further help please contact the BSC Service Desk: bscservicedesk@cgi.com, Telephone: **0370 010 6950**
- For questions about our website please contact ELEXON Communications: communications@elexon.co.uk
- For document enquiries please contact Document Management: document.management@elexon.co.uk
- For any other services please visit the ELEXON Portal