

**Change Proposal – BSCP40/02**

CP No: 1219

*Version No: 1.0*  
*(mandatory by BSCCo)***Title** *(mandatory by originator)*

Inconsistencies within the CDCA Service Description and URS

**Description of Problem/Issue** *(mandatory by originator)*

As part of the procurement phase of Project Isis, ELEXON drafted detailed contracts of Business Requirements for the CVA, SVA and FAA Agent Services to issue to tenders. The Business Requirements were also reviewed against the BSC and Code Subsidiary Documents as part of a due diligence exercise.

As a result of the review, a number of minor inconsistencies have been discovered in the Central Data Collection Agent (CDCA) Service Description (SD) and CDCA User Requirement Solution (URS). The identified inconsistencies are detailed below.

**Proposed Solution** *(mandatory by originator)*

CP1219 proposes to amend the CDCA SD and CDCA URS, to remove the minor inconsistencies and to reflect the new Business Requirements that are required.

The identified inconsistencies in the CDCA SD and CDCA URS are outlined below;

Issue No.	Description
1	The CDCA Service Description (Section 4.1) uses the term 'BSC Trading Party' for the registration of Aggregation Rules. This should be changes to 'BSC Party' as it is not only Trading Parties who register Aggregation Rules.
2	The CDCA Service Description (Section 4) should be updated to reflect that Exempt Export status relevant detail is received from the CRA.
3	The CDCA Service Description lists Market Data requirements. 'GSP', 'GSP Group' and 'DSCP' should be added under a new heading of System Connection Points' after (Section 4.12).
4	The CDCA Service Description (Section 6) (Metering Protocols) requires the CDCA to approve any additional protocols and inform all MOAs of additional approved protocols. This is incorrect as the BSCCo undertakes these responsibilities (See BSCP601).
5	Section 6.1 states that the CDCA shall "ensure that its data collection systems are equipped with the appropriate protocols for every type of approved Meter or associated Outstation..." The CDCA collects all settlement data from Outstations not Meters. Therefore the reference to collecting data from meters should be removed.
6	Section 8.4 states that the CDCA shall "collect all metered data in Initial Settlement Timescales" To accommodate Interim Initial Settlement it is proposed that this be reworded to "collect all metered data in Settlement Timescales".
7	Section 10.7, 10.8 and 10.11 Refer to 'BSC Trading Party' when they should refer to Registrant.
8	Section 11.5 has a requirement for the CDCA to carry out site inspections. This should be clarified by adding 'to gain Meter Readings'.
9	Section 12.1 refers to forwarding the annual schedule only to the BSC Trading Party.

	This should be updated to bring it in line with BSCP05 to state "produce a Meter Reading Schedule for each Metering System on an annual basis, at least three months ahead of the commencement of that Meter Reading Schedule and forward to the Registrant of the Metering System and the relevant MOA".
10	Section 15.2 requires the CDCA to validate line Loss factors. This is inconsistent with BSCP28 which requires the CDCA to merely load them once received from BSCCo.
11	<p>The CDCA Service Description (Section 17.1) has a requirement for the CDCA systems timekeeping to be adjusted to a minimum of once per day but no further constraint.</p> <p>The Service Description should be amended so that the CDCA shall set the CDCA data retrieval instation systems in accordance with UTC. The CDCA data retrieval instation shall be synchronised to UTC every 15 minutes as part of an automated routine.</p>
12	Section 17.1 - Reference to Universal Time Clock should be amended to 'Coordinated Universal Time'
13	<p>The CDCA Service Description (Section 17.2) has a requirement to check all Meters and associated Outstation clocks at each retrieval of metered data and synchronise to the Instation Universal Co-ordinated Time Clock, as necessary but no further constraint.</p> <p>The Service Description should be amended so that the CDCA shall check all Outstation clocks at each retrieval of Metered data and synchronise as necessary to UTC, according to the following process:</p> <ol style="list-style-type: none"> <li>1. The CDCA data retrieval Instation system shall, as part of an automated routine, at each retrieval of Metered data, synchronise Outstation clocks to UTC;</li> <li>2. The CDCA shall generate an error report for all Outstation clocks that will not auto synchronise and are &gt; 9 seconds adrift;</li> <li>3. The CDCA shall, on a daily basis, manually contact all Outstations on the error report and attempt to synchronise the Outstation to UTC.</li> <li>4. The CDCA shall make two (2) attempts to manually synchronise any Outstation and if this fails the CDCA shall report the failure to the registered MOA and the BSC Party as a Metering System Fault.</li> <li>5. The CDCA shall issue a summary report to the Client on a monthly basis detailing all clock drift initiated Metering System Faults.</li> </ol>
14	<p>The CDCA Service Description (Section 17.3) has a requirement to ensure that any hand-held interrogation unit used for retrieving metered data at site is set to the Universal Co-ordinated Time clock at lease once every 2 days but no further requirement.</p> <p>The Service Description should be updated so that the CDCA shall ensure that any hand-held interrogation unit used for retrieving metered data at Site is set to UTC at least once every 24 hours, at all times maintaining the hand-held interrogation unit within the accuracy requirements for CoP 1 Metering (that is, &lt; +/-10 seconds of UTC).</p>
15	Section 19.4 and 19.5 refers to "Metering Systems at points of connection between transmission networks" there is no settlement metering between different transmission

	networks, so this should be removed.
16	Section 19.5 - Grid Entry Point should be Replaced with TSBP
17	Section 20.1 requires that the CDCA shall “be responsible for the procurement, and in conjunction with the relevant MOA, be responsible for the administration of all communication links with Metering Systems”. This however is inconsistent with the BSC (Section R 1.4.2) which states "The CDCA shall be responsible for the operation and maintenance of Communications Equipment after it has been <b>procured and</b> installed by the Registrant". The Service Description should be amended accordingly.
18	Section 20.4, Section 20.5 and 20.6 should be removed as they have nothing to do with communication links.
19	Remove the obligation from the CDCA Service Description (Section 21.1) that requires the CDCA "procure such market related data..." as all of the data required is provided by other BSC Agents and those Agents have an obligation to send the data to the CDCA. Therefore the CDCA should not have an obligation to procure the data, they should only have an obligation to receive the data.
20	Section 22 should be updated to reflect that the submission of Aggregation Rules for GSP Group Take is the responsibility of the CDCA, as stated in BCSP75.
21	Section 22.5 references Section R 5.6 of the Code for metered data aggregation. The appropriate reference for collected metered data aggregation is Section R 5.4, this should be appropriately reflected.
22	Section 23 should be updated to reflect that the CDCA has an obligation to respond to any SVAA request for data missing from the GSP Group Take. This obligation is not in the Service Description but is in BSCP508.
23	The CDCA Service Description, throughout, refers to “Metering Equipment Technical Details” which should be “Meter Technical Details”.
24	The CDCA Service Description contains the following footnote in two places (page 15 and page 30):  “Meter Operation Code of Practice dated 8 September 1998 signed by all PES, Meter Operators and The Director General of Electricity Supply (Chief Meter Examiner)”.  This footnote is no longer true. Although the original Meter Operation Code of Practice Agreement (MOCOPA) was dated 8 September 1998, there is a newer version. Also this is a voluntary agreement which has currently been signed by all Distribution Businesses and Meter Operator Agents. There is no need to update the footnote and so it should be deleted.
25	BSCP15 Section 3.1.18 places a requirement for the CDCA to confirm when BM Unit Metering System Proving Tests/Aggregation Rules have been completed/ Registered. The CDCA Service Description should be updated to reflect this and indicate that the CDCA confirm this to the CRA.
26	The TAA function detailed in BSCP27 requires support from the CDCA with 53 references to data provision in the BSCP. The SD should be amended to capture this obligation, by adding:  Requirement to support the Technical Assurance Agent (TAA) In accordance with the requirements of and the timescales within BSCP27 ‘Technical Assurance of Half Hourly Metering Systems for Settlement Purposes’, the CDCA shall:  1 submit an electronic list of all Metering System IDs registered in the Central Meter Registration Service (CMRS), together with associated information to BSCCo. The

	<p>lists shall be provided four times a year on dates agreed with the BSCCo. The information will be forwarded to the TAA to initiate the sample selection process;</p> <p>2 provide the TAA with Meter Technical Details for each requested Metering System ID;</p> <p>3 support the TAA in a comparison of the metered energy data for one half hour recorded at the time of the Inspection Visit with the consumption data held by the CDCA for that same half-hour period; and</p> <p>4 support the TAA by making further consumption data available for the investigation of any non-compliance.</p>
27	<p>FAA Service Description (Section 4.1.1 &amp; 4.3.1) requires the FAA to consult with the CDCA regarding the content of Payment Calendars. The CDCA Service Description should be updated to make it clear that the CDCA has an obligation to just load the Payment Calendar.</p>
28	<p>BSC Section E 1.3.1 (c) states that a Service Description shall specify a number of requirements. These are listed as:</p> <p><i>“(i) the development and maintenance by the BSC Agent of a contingency plan;</i></p> <p><i>(ii) the provision by the BSC Agent of a disaster recovery service and the development and maintenance by the BSC Agent of a disaster recovery plan;</i></p> <p><i>(iii) the preparation and maintenance by the BSC Agent of records;</i></p> <p><i>(iv) the provision to the BSC Auditor of access to those things required by Section H5.5.2; and</i></p> <p><i>(v) the provision by the BSC Agent of a help-desk service”</i></p> <p>Items c(i) c(ii) c(iv) and c(v) are listed within the Service Requirement Schedule but are not referenced within the Service Description.</p>
29	<p>BSC Section H.5.5.2 states that:</p> <p><i>“each BSC Agent (other than the BSC Auditor) shall be required to provide to the BSC Auditor access to:</i></p> <p><i>(a) the systems, system specifications and other systems documents used by that BSC Agent in connection with performing its obligations and functions as BSC Agent, and</i></p> <p><i>(b) its premises, personnel, data, information and records”</i></p> <p>Although these requirements are listed within the Service Requirement Schedule they are not referenced within the Service Description.</p>
30	<p>BSC Section R 2.1.2 requires the CDCA to contact the CRA and request correct registration data if the CRA fails to submit registration data or if it has failed validation. Although these requirements are listed within the Service Requirement Schedule they are not referenced within the Service Description.</p>
31	<p>BSC Section R 6.2.1 and BSCP05 require the CDCA to send reports on the Results of MARs to the Registrant, MOA and (where BSCP05 requires) BSCCo. The CDCA Service Description should be updated to be more specific as it currently states to send reports to BSC Parties.</p>

32	Section 8.8 infers that raw metered data is passed to the SAA for Aggregation (supported by a 'blank' line at D+1 in Appendix B). The SAA does not receive raw metered data and the purpose of this clause is unclear and potentially confusing. The CDCA Service Description should be amended by removing the 'blank' SAA line in Appendix B.
33	CDCA-I006 (issue Meter data for Proving Test) in the CDCA URS page 75 should be amended to show that the mechanism is a manual process.
34	CDCA-I009 (Meter Period Data collected via site visit) in the CDCA URS page 75 should be amended to show that the mechanism is a manual process.
35	CDCA-I018 (MAR Reconciliation Report) in the CDCA URS page 75 should be amended to show that the mechanism is a manual process.
36	CDCA-I029 (Aggregated GSP Group Take Volumes) in the CDCA URS page 119 should be amended to correct the number of GSP groups from 12 to 14.
37	CDCA-I037 (Meter Data from routine work and Metering Faults) should be amended to show that BSCCo is not a recipient. CDCA-I037 should also be amended to correct the number of GSP groups from 12 to 14.
38	CDCA-I045 (Meter Data from routine work and Metering Faults) in the CDCA URS page 77 should be amended to show that the mechanism is a manual process.

As the CDCA SD and CDCA URS are Category 2 Configurable Items, the drafting of the relevant redlined changes to these documents will be carried out as part of the implementation process once CP1219 has been approved for inclusion in a particular release. Therefore the required redlined changes are not provided at this time.

When the changes to the CDCA SD and CDCA URS are drafted during the implementation process, if any other inconsistencies or typographical errors are identified, they will be included in the redlining. The drafted amendments will be issued for consultation as part of the implementation process.

**Justification for Change** *(mandatory by originator)*

The updates to the CDCA Service Description and CDCA URS are necessary to make sure that the new contracts in February 2009 are consistent with the Business Requirements of the CVA and SVA Operator Hosts.

**To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?** *(mandatory by originator)* BSC Section F:

**Estimated Implementation Costs** *(mandatory by BSCCo)*

The estimated ELEXON implementation cost is £1,320.

**Configurable Items Affected by Proposed Solution(s)** *(mandatory by originator)*

CDCA Service Description  
CDCA User Requirement Solution

Please note, that the CDCA SD and CDCA URS, are both Category 2 Configurable Items. Therefore the redlined changes will be produced following Approval and as part of the Implementation Process.

**Impact on Core Industry Documents or System Operator-Transmission Owner Code** (*mandatory by originator*)

None

**Related Changes and/or Projects** (*mandatory by BSCCo*)

CP1220- Inconsistencies within the BMRA Service Description

CP1221 - Inconsistencies within the ECVAA Service Description

CP1222 - Inconsistencies within the SAA Service Description and URS

CP1223 - Inconsistencies within the Code Subsidiary Documents regarding Business Requirements

**Requested Implementation Date** (*mandatory by originator*)

June 2008 BSC Systems Release

**Reason:**

The June 2008 Release is the next available release.

**Version History** (*mandatory by BSCCo*)

Raised from DCP0017, which was raised and issued for industry Impact Assessment on 5 October 2007 via CPC00618. It has since been converted into CP1219.

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Attachments: No