

What stage is this document in the process?

01 Initial Written Assessment

02 Definition Procedure

03 Assessment Procedure

04 Report Phase

► 05 Implementation Phase

P300 'Introduction of new Measurement Classes to support Half Hourly DCUSA Tariff Changes (DCP179)'

P300 introduces new Measurement Classes for aggregated Half Hourly-settled customers (for current transformer and whole current metered domestic, and whole current non-domestic markets). P300 builds on [Rejected Modification P280](#) and aligns with [DCUSA DCP179](#), which implements Half Hourly DCUSA tariff changes. P300 would enable DSOs to charge Suppliers on an aggregated basis as well as on a site specific basis.



The Authority has **approved** P300 for implementation on **5 November 2015**

This Modification impacts:

- Suppliers
- Distribution System Operators (DSOs)
- Supplier Meter Registration Agents (SMRAs)
- Half Hourly Data Aggregators (HHDAs)
- Half Hourly Data Collectors (HHDCs)
- Half Hourly Meter Operator Agents (HHMOAs)
- The Supplier Volume Allocation Agent (SVAA)
- ELEXON

P300
Final Requirements

10 November 2014

Version 1.0

Page 1 of 17

© ELEXON Limited 2014

Contents

1	Current Rules and Processes	3
2	Approved Solution	5
3	Detailed Requirements	8
4	Impacts and Costs	12
	Appendix 1: Glossary & References	15

About This Document

The Authority has approved P300 Proposed Modification for implementation on **5 November 2015**, as part of the November 2015 BSC Systems Release.

This document sets out the final requirements for the P300 approved solution, for handover to the Release Manager.

For further background to P300, please refer to the P300 Final Modification Report, which is available on the [P300](#) page of the ELEXON website.



Any questions?

Contact:

Simon Fox



simon.fox@elexon.co.uk



020 7380 4299

P300
Final Requirements

10 November 2014

Version 1.0

Page 2 of 17

© ELEXON Limited 2014



Current arrangements

With the approval of [P272 'Mandatory Half Hourly Settlement for Profile Classes 5-8'](#), Metering Systems on Profile Class (PC) 5-8 with an advanced Meter will need to be Half Hourly (HH) settled from 1 April 2016. This will substantially increase the percentage of the market settled HH.

With the rollout of smart Meters, which are HH capable, Suppliers may opt to settle these HH. This will further increase the percentage of Metering Systems settled HH.

DUoS charges

For Non Half Hourly (NHH) Metering Systems, distribution network charges (also known as 'Distribution Use of System charges' or 'DUoS charges') are calculated on an aggregated basis. For HH settled customers, DUoS charges are calculated on a site specific basis.

Aggregated Data

The Balancing and Settlement Code (BSC) contains a number of provisions for providing Distribution System Operators (DSOs) with the metered data they need for charging purposes. Currently, HH Data Aggregators (HHDAs) for HH sites send the D0040 'Aggregated Half Hour Data File' data flow to the Supplier Volume Allocation Agent (SVAA). The D0040 data flow includes Consumption Component Classes (CCCs), which detail the aggregated data instead of the site specific data. However, the DSOs only receive the site specific data through the D0036 'Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix' and D0275 'Validated Half Hourly Advances' data flows, which they receive from the HH Data Collector (HHDC).

What is the issue?

Without any mechanism for DSOs to utilise and bill Suppliers on an aggregated basis, they will need to use site specific billing for HH settled Metering Systems. This will be disproportionately expensive and not reflective of the actual DUoS for some types of Metering System.

To ensure that DSOs have DUoS charges that are more reflective of the use of system (UoS) to better encourage the move to HH Settlement, Electricity North West raised approved Distribution Connection Use of System (DCUSA) Change Proposal [\(DCP\)179 'Amending the CDCM tariff structure'](#). DCP179 comes into effect on 1 April 2015 and amends the existing tariff structure by introducing HH metered tariffs for non-100kW connections. To enable this, it introduces new tariffs based on the receipt of HH aggregated data. It builds on the work undertaken by the Distribution Charging Methodologies Forum (DCMF) Methodologies Issue Group 22 (MIG 22), which is a sub-group that was formed by the DSOs and Suppliers to address the anomalies between the two different cost allocation mechanisms for HH and NHH tariffs in the Common Distribution Charging Methodology (CDCM).

DUoS Charges

The DUoS charge covers the cost of receiving electricity from the national transmission system and feeding it directly into homes and businesses through the regional distribution networks. These networks are operated by DSOs.

Whilst the BSC contains provisions for providing DSOs with the metered data they need for charging purposes, these don't provide a mechanism for distinguishing between:

- HH settled customers whose network charges should be calculated on a site specific basis; and
- those whose network charges should be calculated on an aggregated basis.

P300 supports DCP179 by creating new Measurement Classes associated with HH aggregation under the BSC.



Approved solution

As of 5 November 2015 Measurement Class E will be split into three Measurement Classes (for HH Metering Systems that are not 100kW Metering Systems). It does this by renaming Measurement Class E and introducing two new Measurement Classes for HH sites, which will be used for aggregated DUoS billing, as follows:

- rename Measurement Class E to reflect that it is intended for HH current transformer (CT) metered Metering Systems that have site specific DUoS billing and are not 100kW Metering Systems;
- introduce new Measurement Class F for domestic HH CT and whole current (WC) Metering Systems that have aggregated DUoS billing and are not 100kW Metering Systems; and
- introduce new Measurement Class G for non-domestic HH WC metered Metering Systems that have aggregated DUoS billing and are not 100kW Metering Systems.

This will not mandate Suppliers to use the new Measurement Classes, who may continue to use Measurement Class C and the redefined Measurement Class E if the Metering System is HH settled. In addition, it does not mandate the migration to HH metering. P300 only facilitates the DCP179 changes by creating new Measurement Classes for aggregated DUoS billing.¹

Measurement Classes F and G will use the same CCCs as Measurement Class E, whether it is for import or export customers.

HHDAAs will need to implement the changes so that they can process the amended D0040 and D0298 'BM Unit Aggregated Half Hour Data File' data flows.

DSOs will need to specify which Standard Settlement Configuration (SSC)² should be used to report aggregated HH data for each relevant Line Loss Factor (LLF) Class (LLFC), since the D0030 'Non Half Hourly DUoS Report' data flow³ requires consumption data to be reported against an SSC.

The SVAA system will process the amended data flows and the mapping information in order to include the relevant data in the D0030 data flow that the DSOs use for aggregated DUoS billing.

HHDCs must not send D0036 and D0275 data flows to DSOs for the new Measurement Classes, but will instead send the D0010 'Meter Readings' data flow. Suppliers will not receive the D0010 data flow and will continue to receive the D0036 and D0275 data flows, which will include the precision of the metering data.

The Performance Level for Measurement Classes E, F and G will be 99% of energy settling on actual data at the First Reconciliation Volume Allocation Run (R1) with subsequent Settlement Runs also at 99%. Supplier Charges will be £0 for R1 and subsequent runs up to the Final Reconciliation Volume Allocation Run (RF), which will remain unchanged at £1.43 per chargeable MWh.

Does P300 mandate HH metering?

P300 does not mandate the migration to HH metering; it only facilitates the DCP179 changes by creating new Measurement Classes for aggregated DUoS billing. It also facilitates the migration to HH for PC 5-8 Metering Systems with Advanced Meters to comply with P272.

¹ However, DCP179 does mandate the use of the appropriate Measurement Class for DUoS billing purposes if a site is registered as HH.

² This will be an DSO SSC, and not a Supplier SSC. This will not be a default SSC such as an unrestricted SSC.

³ The Data Transfer Catalogue (DTC) changes will capture a revision to the title to reflect that this will now also include HH aggregated data.

Implementation Date

P300 will be implemented on **5 November 2015** as part of the November 2015 BSC Systems Release.

Scope

P300 will affect:

- Suppliers
- DSOs
- Supplier Meter Registration Agents (SMRAs)
- HHDAAs
- HHDCs
- HH Meter Operator Agents (HHMOAs)
- the SVAA
- ELEXON

P300 impacts a number of Data Transfer Catalogue (DTC) data flows, which will be raised as a separate DTC changes.

Impact on Code

P300 amends the following sections of the BSC:

- Section S Annex S-1
- Section S Annex S-2
- Section V
- Section W
- Section X Annex X-2

The approved BSC legal text can be found with the legal text.

Impact on CSDs and other Configurable Items

The following Code Subsidiary Documents (CSDs) and Configurable Items were identified during assessment as requiring changes in order to reflect the approved solution and can be found in Attachment A:

- BSC Procedure (BSCP) 502
- BSCP503
- BSCP507
- BSCP508
- BSCP536

P300
Final Requirements

10 November 2014

Version 1.0

Page 6 of 17

© ELEXON Limited 2014

- Code of Practice (CoP) 10

The following CSDs and Configurable Items were identified during assessment as requiring changes in order to reflect the approved solution. However, no draft changes for these documents have been produced – these changes will need to be drafted and approved as part of the Release project:

- PARMS User Requirement Specification
- SVA Data Catalogue
- SVAA (ISRA) Conceptual Process Model
- SVAA (ISRA) Functional Definition & User Catalogue
- SVAA (ISRA) Logical Data Design
- SVAA (ISRA) Technical Specification
- SVAA User Requirement Specification

Updates may also be required to any Guidance Notes relating to the SVA arrangements as part of the implementation project. These were not identified during assessment.

Impact on BSC Systems

The solution will require changes to the Performance Assurance Reporting and Monitoring System (PARMS) systems, impacting the Business Processing Outsourcing (BPO) service provider only. This update is to amend existing PARMS Serials and add a new one in line with the approved solution.

The solution will also impact on the SVAA (ISRA) software, impacting both the Application Management and Development (AMD) and BPO service providers.

Impact on ELEXON

ELEXON will manage the P300 implementation (including overseeing/testing the system changes and updating the documents listed in Section 4).

Impact of other approved changes

Other approved changes, notably P272, may be impacted by approved P300 changes, and will also need to be considered. [Issue 59 'Consideration of the PARMS and Supplier Charge changes introduced by P272 and P300'](#) has also been raised to look further at PARMS and Supplier Charges following the approval of P272 and P300, the outcome of which may impact Requirements Requirement 2.4 in Section 3.

3 Detailed Requirements

This section summarises the requirements for the approved solution to P300.

Solution requirements

Requirement 1

The BSC will split current Measurement Class E into three Measurement Classes.

1.1	The BSC will be modified to introduce new Measurement Class F for domestic HH CT and WC Metering Systems that have aggregated DUoS billing and are not 100kW Metering Systems.
1.2	The BSC will be modified to introduce new Measurement Class G for non-domestic HH WC metered Metering Systems that have aggregated DUoS billing and are not 100kW Metering Systems.
1.3	The BSC will be modified to rename Measurement Class E to reflect that it is intended for HH CT metered Metering Systems that have site specific DUoS billing and are not 100kW Metering Systems.
1.4	SMRAs must ensure that their Supplier Metering Registration Service (SMRS) systems are capable of accepting new Measurement Classes.
1.5	Suppliers will have the option of utilising the new Measurement Classes. However, it is the intention of DCP179 to ensure that Suppliers register the Metering Systems in the appropriate Measurement Classes to have the benefit of the applicable DUoS tariffs.
1.6	HHDA, HHDC and HHMOA will need to be able to process the new Measurement Classes within their systems.
1.7	The standing data items in the Market Domain Data (MDD) database will be updated with the new Measurement Classes.

Requirement 2

The BSC will be modified to reflect that Measurement Classes E, F and G will have the same CCCs and Performance Levels.

2.1	The BSC will be modified to reflect that the six Import CCCs for Measurement Class E and the four Export CCCs used for Measurement Classes C and E would also be used for Measurement Classes F and G.
2.2	The BSC will be modified to reflect that the Performance Level for Measurement Classes E, F and G will be settling 99% of energy on actual data at R1 with subsequent Settlement Runs at 99%.
2.3	The PARMS will report the performance of settled energy on actual data for Measurement Classes E, F and G against PARMS Serial SP08c.
2.4	Supplier Charges will be amended in line with changes to Performance Levels. The Supplier Charge will be £0.00 for R1 and subsequent runs up to the RF Run, which will remain unchanged at £1.43 per chargeable MWh. ⁴

P300
Final Requirements

10 November 2014

Version 1.0

Page 8 of 17

© ELEXON Limited 2014

⁴ Issue 59 'Consideration of the PARMS and Supplier Charge changes introduced by P272 and P300' will consider whether a material charge should be applied to R1 and subsequent runs up to RF.

Requirement 3

HHDAs must ensure that all impacted parties receive data for all Metering Systems.

3.1	The BSCCo will raise a DTC CP to amend the D0040 and D0298 data flows to include new record types for the new Measurement Classes. These new record types will be similar to the existing D0040 and D0298 data flows. However, the consumption will be broken down by the J0189 'Distributor Id' and J0147 'Line Loss Factor Class Id' data items in addition to the J0084 'Supplier Id', J0066 'GSP Group Id' and J0160 'Consumption Component Class Id' data items. Because the new record types introduced into the D0040 and D0298 data flows apply only to the new Measurement Classes, a Supplier who is not using them will receive the D0040 and D0298 data flows with no data for the new record types. Further details of the changes will be identified and progressed as part of a DTC CP.
3.2	HHDAs must be able to submit data to the SVAA, should they be appointed to a Metering System that is registered to one of the new Measurement Classes, using the amended D0040 and D0298.
3.3	The SVAA must be able to receive the revised D0040 and D0298 data flows.

Requirement 4

The SVAA will aggregate data for Measurement Classes F and G, processing the amended D0040 and D0298 data flows into the existing D0030 and D0314 'Non Half Hourly Embedded Network DUoS Report' data flows.

4.1	Each DSO should provide the SSC ⁵ and Time Pattern Regimes (TPR) combinations for reporting each relevant LLFC, which DSOs would fax or email to the SVAA. This 'paper' flow will be designated within the SVA Data Catalogue.
4.2	The SVAA must populate the data into a new data entry screen, which it will need to then validate.

⁵ This will be an DSO SSC, and not a Supplier SSC. This will not be a default SSC such as an unrestricted SSC.

Requirement 4

4.3	<p>The SVAA must perform the following processing for each combination of J0084, J0066 and J0160 data items that has HH data:</p> <ul style="list-style-type: none"> Identify the TPR associated with the DSO SSC, and the Period Time Pattern States associated with each TPR on that Settlement Day. (Period Time Pattern States are the flags indicating whether the TPR is treated as 'ON' or 'OFF' in each Settlement Period.) For each TPR, include a 'VMR' record, an 'SPX' record and a 'TOT' record in the output D0030 data flow: <ul style="list-style-type: none"> The VMR record will identify the J0189 and J0147 data items, plus the SSC from the lookup table, and the TPR. The PC will be reported as '0'. The EAC/AA data⁶ and SPM Default EAC MSID Count will be '0'. The SPM Total EAC MSID Count and SPM Total AA MSID Count will be populated from the estimated and actual Data Aggregator HH MSID Counts provided by HHDAs on the new data flows (summing across all HHDAs and all relevant non-losses CCCs). The SPX record will report 46/48/50 HH consumption values. For periods where the TPR is 'ON', this will be the data provided by the HHDAs (summed across all HHDAs and all relevant CCCs). For periods where the TPR is 'OFF', this will be '0'. The TOT record will have the totals of the daily values on the SPX record. Map HH Counts from the revised D0040 and D0298 to the daily Counts in the D0030. <ul style="list-style-type: none"> If Sum of Count of Estimated CCC > 0 then Daily Count = 1, else 0. Conversely if sum of Actual Count = no of periods in day the Daily Count = 1, else 0.
4.4	The SVAA must report the HH Aggregated data on the D0030 data flow against PC '0'.
4.5	The SVAA will include the HH data for the new Measurement Classes in the existing D0030 and D0314 data flows (used to report NHH consumption to DSOs), with no changes made to the structure of the data flows.
4.6	SMRAs will not include the DSO SSCs for Metering Systems on the new Measurement Classes in SMRS.
4.7	The DSO SSC and any related data will not be added into MDD.

⁶ EAC/AA data (i.e. SPM Total All EACs and SPM Total Annualised Advance Report Value fields) could potentially be populated with aggregated HH data (instead of set to zero) but these data items are defined as holding annualised EAC/AA data; putting daily totals into annualised fields would create a risk of misunderstanding and error. In any case the daily totals of aggregated data will be made available on the TOT record (in the Daily Profiled SPM Total EAC and Daily Profiled SPM Total Annualised Advance fields).

Requirement 5

The HHDC will provide the DSO with Cumulative Register reads using the D0010 data flow rather than the D0036 and D0275 data flows for Metering Systems using the new Measurement Classes F and G.

5.1	HHDCs must send the D0010 data flow to the DSO rather than the D0036 and D0275 data flows for Measurement Classes F and G. For the avoidance of doubt, the HHDC will continue to send the D0036 and D0275 data flows for Measurement Classes C and E.
5.2	The HHDC will still send the D0036 and D0275 data flows to the Supplier for Metering Systems registered to Measurement Classes F and G. The Supplier will not receive the D0010 data flow.
5.3	The HHDC will still send the D0036 data flow, and not the D0010 data flow, to the HHDA.
5.4	HHDCs must send the D0010 data flow for Measurement Classes F and G on a monthly basis.
5.5	Suppliers can validate to ensure that they don't receive site-specific invoices for Measurement Classes F and G Metering Systems, though this is not a mandatory requirement that would be imposed by implementation of P300.

4 Impacts and Costs

Estimated central implementation costs of P300

The total indicative central implementation cost for P300 is approximately £120k. This comprises:

- approximately £112k in SVAA and PARMS costs (six months lead time); and
- approximately £8k (34 man days) in ELEXON effort.

These are one-off implementation costs, and there would be no on-going central operational costs.

The SVAA changes involve amending the SVAA system, which will need to process the amended data flows and the newly updated mapping information received. The SVAA has to include the relevant data in the D0030 data flow. The costs also include testing and deployment.

The proposed solution also impacts the PARMS Application, specifically the PARMS Serial SP08 'Energy and MSIDs on Actuals'. Whilst the data file structure sent from SVAA to the PARMS will not change, the changes to the Performance Level will require system changes.

The ELEXON costs include managing the implementation project and updating the relevant BSC Sections, CSDs and other documentation, and will include implementation of changes to reporting and processes.

P300 impacts

Impact on BSC Parties and Party Agents	
Party/Party Agent	Impact
Suppliers	Suppliers will have the option of receiving bills based upon aggregated and site specific data. In the case of gaining a site that is utilising one of the new Measurement Classes, the Supplier will need to either re-register it (fulfilling any other requirements associated with that Measurement Class, such as ensuring applicable Metering Equipment installed appropriate to the Measurement Class) or amend its systems to accept the appointment. Suppliers may wish to validate their DUoS bills to ensure that they don't receive site-specific invoices for Measurement Class F and G Metering Systems.
DSOs	DSOs will need to change the way they operate and may need to amend billing systems. This may require new LLFCs and associated LLFs. In addition, all DSOs may need to make mid-year re-submissions for their LLFs.
SMRAs	SMRAs will need to ensure that the SSC for Metering Systems using the new Measurement Classes are not populated in SMRS.
HHDAs	HHDAs will need to change the way they generate aggregated

Impact on BSC Parties and Party Agents

Party/Party Agent	Impact
	data for submission to the SVAA.
HHDCs	HHDCs will need to change what data flows they send to DSOs.
HHMOAs	HHMOAs will need to be able to process the new Measurement Classes within their systems.

Impact on Transmission Company

No impact.

Impact on BSCCo

Area of ELEXON	Impact
Market Domain Data (MDD)	To add new valid values to MDD and process MDD Change Requests to enter the new Measurement Classes into MDD.
LLFs	There will be a need to process mid-year re-submissions for LLFs.

Impact on BSC Systems and process

BSC System/Process	Impact
SVAA ('ISRA') Software	To introduce system changes to aggregate data.
PARMS	To update the new Performance Level and associated Supplier Charges.

Impact on Code

Code Section	Impact
Section S Annex S-1	To reference Performance Levels for the new Measurement Classes and any changes to Supplier Charges.
Section S Annex S-2	To add new sub aggregation by LLFC.
Section V	Description of data provided for DUoS reporting purposes.
Section W	Reference the new Measurement Classes and show which classes are relevant for NHH Trading Disputes.
Section X Annex X-2	Include the summations and acronym updated in Annex S-2; expand the definitions of Measurement Class to include the redefined Measurement Class E and new Measurement Classes F and G; and extend definition of Consumption Level Indicator A to Measurement Classes F and G.

Impact on Code Subsidiary Documents	
CSD	Impact
BSCP502	Reflect changes in respect to HHDCs.
BSCP503	Reflect changes in respect to HHDA's.
BSCP507	Reflect the provision of DSO mapping data to the SVAA.
BSCP508	Reflect changes in respect to the SVAA.
BSCP536	Reflect changes to Supplier Charges.
CoP10	Reflect that Code of Practice (CoP) 10 will be used for new Measurement Classes F and G.
SVA Data Catalogue	<p>If P300 is approved, ELEXON will develop and consult on the necessary redlined changes as part of the implementation project to reflect any changes under the DTC.</p> <p>It will also introduce the new paper flow 'PXXX' for DSOs to provide mapping data to the SVAA, which will be given a unique reference number.</p>
SVAA (ISRA) Conceptual Process Model	The SVAA (ISRA) software documentations will be updated to reflect the changes to software and process. These will be updated as a consequential change.
SVAA (ISRA) Functional Definition & User Catalogue	
SVAA (ISRA) Logical Data Design	
SVAA (ISRA) Technical Specification	
SVAA User Requirement Specification	

Impact on other Configurable Items	
Configurable Item	Impact
PARMS User Requirement Specification	Amend the Performance Level for Measurement Class E and include Measurement Classes F and G in PARMS serial SP08c for PARMS reporting and Supplier Charges.

Other Impacts	
Item impacted	Impact
Distribution Connection and Use of System Agreement	As per DCP179.
Master Registration Agreement	Amendments to certain data flows under the DTC.

Appendix 1: Glossary & References

Acronyms

Acronyms used in this document are listed in the table below.

Glossary of Defined Terms	
Acronym	Definition
AMD	BSC Application Management and Development
BSC	Balancing and Settlement Code
BSCCo	BSC Company
BPO	Business Process Outsourcing
CCC	Consumption Component Class
CoP	Code of Practice
CP	Change Proposal
CT	Current Transformer
CDCM	Common Distribution Charging Methodology
DCMF	Distribution Charging Methodologies Forum
DCP	DCUSA CP
DCUSA	Distribution Connection and Use of System Agreement
DSO	Distribution System Operator
DTC	Data Transfer Catalogue
DUoS	Distribution UoS
ECOES	Electricity Central Online Enquiry Service
EFR	Error and Failure Resolution
HH	Half Hourly
HHDA	HH Data Aggregator
HHDC	HH Data Collector
HHMOA	HH Meter Operator Agent
LLF	Line Loss Factor
LLFC	LLF Class
MDB	MRA Development Board
MDD	Market Domain Data
MRA	Master Registration Data
MSID	Metering System ID
MTDs	Meter Technical Details
NHH	Non Half Hourly
PAB	The Performance Assurance Board
PAF	Performance Assurance Framework

Glossary of Defined Terms	
Acronym	Definition
PARMS	Performance Assurance Reporting and Monitoring System
PC	Profile Class
R1	First Reconciliation Volume Allocation Run
R2	Second Reconciliation Volume Allocation Run
R3	Third Reconciliation Volume Allocation Run
RF	Final Reconciliation Volume Allocation Run
SSC	Standard Settlement Configuration
SME	Small and Medium Enterprise
SMRA	Supplier Meter Registration Agent
SMRS	Supplier Meter Registration Service
SP04	PARMS Serial SP04 Installation of HH Metering
SP08c	PARMS Serial SP08c Percentage of non-mandatory HH Energy Settled on Actual Readings
SVAA	Supplier Volume Allocation Agent
SVG	Supplier Volume Allocation Group
TPR	Time Pattern Regime
UoS	Use of System
WC	Whole Current

DTC data flows and data items

DTC data flows and data items referenced in this document are listed in the table below.

DTC Data Flows and Data Items	
Number	Name
D0010	Meter Readings
D0030	Non Half Hourly DUoS Report
D0036	Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix
D0040	Aggregated Half Hour Data File
D0275	Validated Half Hourly Advances
D0298	BM Unit Aggregated Half Hour Data File
D0314	Non Half Hourly Embedded Network DUoS Report
J0066	GSP Group Id
J0084	Supplier Id
J0147	Line Loss Factor Class Id
J0160	Consumption Component Class Id

P300
Final Requirements

10 November 2014

Version 1.0

Page 16 of 17

© ELEXON Limited 2014

DTC Data Flows and Data Items	
Number	Name
J0189	Distributor Id

External links

A summary of all hyperlinks used in this document are listed in the table below.

All external documents and URL links listed are correct as of the date of this document.

External Links		
Page(s)	Description	URL
1, 3	DCP179 page on the DCUSA website	http://www.dcusa.co.uk/Public/CP.aspx?id=201
1	P280 page on the ELEXON website	http://www.elexon.co.uk/mod-proposal/p280-introduction-of-new-measurement-classes/
2	P300 page on the ELEXON website	http://www.elexon.co.uk/mod-proposal/p300/
3	P272 page on the ELEXON website	http://www.elexon.co.uk/mod-proposal/p272-mandatory-half-hourly-settlement-for-profile-classes-5-8/
7, 8	Issue 59 page on the ELEXON website	http://www.elexon.co.uk/msg-issue/issue-59-consideration-parms-supplier-charge-changes-introduced-p272-p300/