

P315 'Publication of Gross Supplier Market Share Data'

P315 aims to increase transparency of Suppliers' Metered Volumes and MPAN counts to give industry participants more equal access to basic market share information.

Several solution approaches are under consideration, ranging from provision of a high level information summary to lower granularity data, with delivery via the ELEXON website, ELEXON Portal and/or the DTC and to various recipients.

This Assessment Procedure Consultation for P315 closes:

5pm on 27 February 2015

The Workgroup may not be able to consider late responses.

This Modification is expected to impact:

- Suppliers
- ELEXON

What stage is this document in the process?





Any questions?

Contact:

Oliver Xing



oliver.xing@elexon.co.uk



020 7380 4276

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About This Document

The purpose of this P315 Assessment Procedure Consultation is to invite BSC Parties and other interested parties to provide their views on the merits of P315. The P315 Workgroup will then discuss the consultation responses, before making a recommendation to the BSC Panel on whether or not to approve P315.

There are two parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, benefits/drawbacks and proposed implementation approach. It also summarises the Workgroup's key views on the areas set by the Panel in its Terms of Reference, and contains details of the Workgroup's membership and full Terms of Reference.
- Attachment A contains the specific questions on which the Workgroup seeks your views. Please use this form to provide your response to these questions, and to record any further views or comments you wish the Workgroup to consider.

P315
Assessment Procedure
Consultation

9 February 2015

Version 1.0

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Why Change?

The P315 Proposer believes that the Supplier Metered Volume data that is currently available to the market participants does not provide sufficient transparency for them to understand Suppliers' market shares in the regional and national electricity supply markets. P315 proposes that more granular Supplier market share data should be made available to improve market transparency and promote effective competition.

Potential Solutions

The P315 Workgroup and Proposer are considering the following four potential solutions with different levels of data granularity and varying means of delivery:

1. Monthly summary (high level granularity)
2. Monthly and daily summaries (high and medium levels granularity)
3. Monthly and Half Hourly summaries (high and low levels granularity)
4. Monthly and Half Hourly & SSC/TPR summaries (high and lowest levels granularity)

The Workgroup invites BSC Parties and other interested parties to provide views on these potential solutions. The Proposer will then decide on the P315 Proposed Modification. The Workgroup will consider the Proposed Modification and the industry consultation responses and may progress one of the potential solutions as a P315 Alternative Modification.

Impacts & Costs

The P315 solutions would impact BSC Central Services and Suppliers. Other BSC Parties and interested parties would be impacted if they choose to utilise the P315 data. The central implementation costs for the four potential solutions range from £44.3k to £87.7k¹.

Implementation

The Workgroup initially recommends an Implementation Date for P315 of 5 November 2015 if a decision is received from the Authority on or before 30 June 2015.

All potential solutions include a high level monthly summary (Solution Area a)), but the Workgroup recommends a phased implementation approach if other Solution Areas are included:

- Solution Area A would be implemented on the Implementation Date of 5 November 2015 (November 2015 BSC Systems Release); and
- Any other Solution Area included in P315 would be implemented on 30 June 2016 (the next suitable BSC Systems Release).

¹ Potential solution 4 will be further impact assessed for its implementation costs and lead times.

Recommendation

All Workgroup members, who provided initial views, believe that the potential P315 solutions would better facilitate Applicable BSC Objective (c), though some members were clear that this was subject to the results of the Assessment Consultation and further consideration.



What are the Applicable BSC Objectives?

(a) The efficient discharge by the Transmission Company of the obligations imposed upon it by the Transmission Licence

(b) The efficient, economic and co-ordinated operation of the National Electricity Transmission System

(c) Promoting effective competition in the generation and supply of electricity and (so far as consistent therewith) promoting such competition in the sale and purchase of electricity

(d) Promoting efficiency in the implementation of the balancing and settlement arrangements

(e) Compliance with the Electricity Regulation and any relevant legally binding decision of the European Commission and/or the Agency [for the Co-operation of Energy Regulators]

(f) Implementing and administrating the arrangements for the operation of contracts for difference and arrangements that facilitate the operation of a capacity market pursuant to EMR legislation

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2 Why Change?

The P315 Proposer contends that Suppliers' Metered Volume data that is currently published does not provide sufficient transparency for all BSC Parties to understand the market shares in the regional (i.e. within Grid Supply Point (GSP) Group) and national electricity supply market.

The Proposer believes that, in order to help all Parties understand the gross Supplier market shares, Suppliers' Meter Volume should be published, and that the volumes to be published should be gross (i.e. be separated out from embedded generation) and be broken down by Market Participant Identifier (MPID), Profile Class (PC), Active Export/Active Import and Estimated/Actual within each GSP Group.

P315 contends that publishing the data would be in the interests of competition, would aid the validation of Settlement data and would help National Grid balance the system².

What is currently published?

SAA-I014 Settlement Reports

The SAA-I014 reports Supplier Metered Volume, i.e. the net of import and export Metering Point Administration Numbers (MPANs) for all PCs including line losses. The process of netting off export volumes means that gross Supplier consumption can be 'masked' by embedded generation within the same Supplier Balancing Mechanism Unit (BMU). With an increasing volume of embedded generation this effect will increase.

Different versions (sub flows) of the SAA-I014 contain different information and are currently sent to, or available to, different participants.

1. Individual BSC Party version ([SAA-I0141](#))

Each BSC Party receives the SAA-I0141 containing only their data.

2. System Operator version ([SAA-I0142](#))

BSC Parties and non BSC Parties who have purchased a data licence from ELEXON can request the SAA-I0142 containing all BSC Parties' data.

3. BSCCo version ([SAA-I0143](#))

BSCCo receives the SAA-I0143 which contains a subset of data from SAA-I0142 and this data flow is available to BSCCo only.

D0276 GSP Group Consumption Totals Report

Suppliers also receive [Data Transfer Catalogue](#) (DTC) data flow [D0276](#) which reports volumes and MPAN counts for each GSP Group Consumption Component Class (CCC). However this data flow does not provide visibility of volumes broken down by PCs. This limitation means that Parties are not be able to see the volumes consumed by different types (or PCs) of customers.

² The current SAA-I0142 data flow that is sent to National Grid contains Supplier BMU consumption volumes that net off any embedded generation volume within that BMU, therefore it would be difficult for National Grid to understand the genuine Supplier demand as a part of it would be netted off in the process.

What is the issue?

The Proposer believes that neither the SAA-I014 nor D0276 provide sufficient transparency to allow all BSC Parties to understand Suppliers' gross consumption for each PC within the regional or national supply market, nor is it presented in a user friendly format. The Proposer believes such transparency should exist in order to enable Parties to understand the market shares for each market participant.

Currently, third parties perform surveys to establish market share and sell this information to industry stakeholders. The Proposer understands that there have been cases where gross market share information has been released with Suppliers' consent in response to Freedom of Information Requests to Ofgem and he believes that there is no issue in principle with this information being made available to industry in basic form, without Parties having to incur extra costs.

3 Potential Solutions

The P315 Proposer did not believe he could decide upon the Proposed Modification solution before he was able to consider the results of the Assessment Procedure consultation, in order to gauge the views of industry participants. Therefore the four potential solutions that the Proposer and Workgroup considered could potentially form the P315 Proposed Modification solution, and the areas that comprise these solutions, are set out in this section.

The Proposer will decide on the Proposed Modification solution following the consultation, and the Workgroup will then determine whether an Alternative Modification solution should be progressed.

Solution Areas

The Workgroup has identified four Solution Areas to consider. The potential P315 solutions are comprised of various combinations of Solution Areas.

Please note that the Solution Areas a) - d), set out below, **do not correlate to the Initial Options A-C**, set out in Section 6, that were previously issued for industry impact assessment (though the Solution Areas and potential solutions were developed from the Initial Options, as explained in Section 6).

The Solution Areas are:

Solution Area a)

- Produce the monthly aggregated 13 ACCCs (refer to Annex 1 of this document) for corrected volumes in MWh and the monthly average MPAN counts for each Supplier group using the Settlement Final (SF) Run data.
- This data will be published on the ELEXON website on a monthly basis to provide easy access to the BSC Parties and non BSC Parties and will be downloadable as a csv file.
- Legal control – disclaimer on the website.

Solution Area b)

- Produce the daily aggregated 13 ACCCs for corrected volumes in MWh for all Suppliers using the SF data.
- This data will be sent to all Suppliers on a daily basis via a new DTC flow and will also be available on the ELEXON Portal.
- Legal control – Licence for non BSC Parties.

Solution Area c)

- Produce the HH 13 ACCCs for corrected and uncorrected volumes in MWh for all Suppliers using the SF Settlement data.
- This data will be available on the ELEXON Portal.³
- Legal control – Licence for non BSC Parties.

³ It is not economic to deliver this via DTC to Suppliers due to file size and number of recipients.

Solution Area d)

- Obtain either⁴:
 - D0030⁵ and D0081⁶ (combination of HH and Settlement Class) for all Suppliers for all Settlement Runs; or
 - D0018⁷, D0081 and D0082⁸ for all Suppliers for all Settlement Runs.
- Publish this data centrally on the ELEXON Portal.
- Legal control – Licence for non BSC Parties.

Potential P315 Solutions

Combinations of the Solutions Areas formed the Workgroup's potential P315 solutions. The solutions cover different levels of data granularity and different means of delivery. Note that, due to the number of industry responses to the Impact Assessment consultation that favoured the Initial Option A, the Workgroup considers Solution Area a) should form its own potential solution or at least be a part of any other potential solutions.

Potential solutions	Solution Areas covered	Description	Delivery mechanism (and availability)	Delivery frequency	Data Run Type	Indicative costs	Indicative implementation lead time
1. Monthly summary (high level granularity)	a)	This provides the market participants with monthly market share data which is accessible via the ELEXON website.	Website (public)	Monthly	SF	Implementation cost: £44.3k On-going cost: minimal	16 weeks
2. Monthly and Daily summaries (high and medium levels granularity)	a)+b)	In addition to the information provided under Solution 1, this also provides the daily market share data via DTN and the Portal. There will be an automated data transfer mechanism for Suppliers with lower level of granularity (daily) data.	Website (public) Portal (BSC Parties and licensees) DTN (Suppliers)	Daily	SF	Implementation cost: £76.6k On-going approx. cost: £355/day ⁹	23 weeks

⁴ The two methods of obtaining different DTC flows would provide similar market share data at a low level of granularity but would require different number of files and volume of data in order to support this technical solution.

⁵ D0030: Non Half Hourly Distribution Use of System (DUoS) Report.

⁶ D0081: Supplier Half Hourly Demand Report.

⁷ D0018: Daily Profile Data Report.

⁸ D0082: Supplier Purchase Matrix Report.

⁹ Approximate DTC data transfer cost, which is charged based on £/megabyte (MB). This cost is calculated on the basis that the daily file size would be approximately 142MB and the DTC cost is rounded to £2.5 per MB.

3. Monthly and HH summaries (high and low levels granularity)	a)+c)	In addition to the information provided under Solution 1, this also provides the HH market share data, processed and at a finer level of granularity (Half Hourly), that can be downloadable from the ELEXON Portal.	Website (public) Portal (BSC Parties and licensees)	Daily	SF	Implementation cost: £87.7k On-going cost: minimal	27 weeks
4. Monthly and HH & SSC/TPR summaries (high and lowest levels granularity)	a)+d)	In addition to the information provided under Solution 1, this also provides the finest level of granularity market share data, unprocessed and down to Settlement Class and Half Hourly, downloadable from the ELEXON Portal.	Website (public) Portal (BSC Parties and licensees)	Daily	All	To be assessed ¹⁰	To be assessed

The Workgroup invites your views on the potential P315 solutions under consideration. Please note that even if you do not support any of the solutions (i.e. do not believe any are better than the baseline) it would be useful to identify the solution you consider 'least bad'.

Assessment Consultation Question

Please indicate your order of preference for the potential P315 solutions and confirm your view on whether each is better than the existing baseline arrangements.

1. Monthly summary (high level granularity)
2. Monthly and daily summaries (high and medium levels granularity)
3. Monthly and Half Hourly summaries (high and low levels granularity)
4. Monthly and Half Hourly & SSC/TPR summaries (high and lowest levels granularity)

Please explain your views, with reference to the Applicable BSC Objectives if possible.

The Workgroup invites you to give your views using the response form in Attachment A

Alternative Solution

The Workgroup will determine whether to take forward an Alternative Modification solution once the Proposer has decided upon the P315 Proposed solution and it has considered the industry consultation responses.

¹⁰ Solution Area d) was evolved from Initial Option B, but there are variants between them including different Run Types and DTC flows required. Therefore the costs and lead times for Initial Option B does not reflect the costs and lead times for Solution Area d). ELEXON will further impact assess Solution Area d) and share the results with the Workgroup at their next meeting in February 2015.

Draft legal text

Draft legal text for P315 is not included in this consultation. After the Assessment Procedure Consultation, the Proposer and the Workgroup will decide on the Modification Proposed Solution and an Alternative Solution (if applicable).

The draft legal text would require minor amendments to BSC Section V 'Reporting' to include the reporting of P315 data.

ELEXON will produce the draft legal text to implement the P315 solution(s) for review by the Workgroup. The P315 draft legal text will be issued for industry consultation as part of the Report Phase Consultation.

Availability of Data to non-BSC Parties

P315 data made publicly available, or available to non-BSC Parties, would require legal control to ensure that data is protected from any inappropriate use and ELEXON is appropriately indemnified. The Workgroup also believes that a reasonable fee should be imposed upon non-Parties that wish to access data from the ELEXON Portal.

P315 disclaimer for data on the ELEXON website

ELEXON would put a disclaimer on the P315 data page of the website, which limits its liability for any commercial uses of such market share data and also states that the data posted on the website could not be used or reproduced except with the prior written consent of ELEXON. The same approach is also in use for the BMRA data that is available on the [BM Report](#) website.

This would apply to any of the potential P315 solutions, as they all include Solution Area A, the monthly summary of data posted on the ELEXON website.

P315 licence for data on the ELEXON Portal

Non-BSC Parties that wish to access data on the ELEXON Portal under P315 may do so under licence and must pay a fee of £3,000. BSC Parties will be able to access the P315 Portal data with no cost.

The P315 data licence agreement would allow non-BSC Parties to access the data while imposing limits on the use of the data and indemnifying ELEXON. This reflects the approach under the previous reporting Modification P114 '[Entitlement of Licence Exemptible Generators \(LEGs\) and other Non-trading Parties to BSC Membership Without Evidence of Trading](#)', which introduced a licence to allow non-BSC Party licensees to make use of the P114 data¹¹.

The total cost for licensing P114 and P315 data would be £3,000. The existing P114 data licensees who have already paid the £3,000 for the P114 data and would like to access the P315 data would be required to sign a new P315 licence agreement but without having to incur an additional cost to purchase the data.

The licence would apply to potential solutions 2, 3 and 4, due to the Portal delivery element of Solution Areas b), c) and d).

¹¹ SAA-I0142, CDCA-I0422, CDCA-I0291 and CDCA-I01301, AKA 'P114 data'.

4 Likely Impacts

This section summarises the impacts that the Workgroup believes that P315 is expected to have on participants, documents and systems. The BSC Central costs and lead times to implement P315 can be found in Section 3 'Potential Solutions'.

Impact on BSC Parties and Party Agents

Party/Party Agent	Impact
BSC Trading Parties	<p>Impact assessment of the Initial Options indicates there is no direct impact to BSC Parties as a direct result of implementing any of the potential P315 solutions.</p> <p>Parties will be impacted if they choose to receive data over the DTN, where applicable, and may be indirectly impacted if they wish to further analyse or make use of the data provided under each potential solution.</p>

Impact on Transmission Company

We do not anticipate any mandatory impact on the Transmission Company as part of the implementation of P315. However, the Transmission Company may wish to take advantage of the new data available to gain full visibility on embedded generation in distribution networks.

Impact on BSCCo

Area of ELEXON	Impact
BSC Operations	Under each potential P315 solution, BSC Operations will be required to extract Suppliers' CVA import data and to summarise the Supplier market share data in a user friendly format and set up the website publication process.
Release Management	ELEXON will be required to implement this Modification.

Impact on BSC Systems and process

BSC System/Process	Impact
SVAA	<p>Under potential solution 1, the SVAA will be required to provide month Supplier market share data (ACCCs) for all Suppliers to ELEXON.</p> <p>Under potential solution 2, the SVAA will be required to provide monthly Supplier market share data (ACCCs) for all Suppliers to ELEXON; the SVAA will be required to provide daily aggregated ACCCs to all Suppliers via a new DTN flow and publish it on the ELEXON Portal.</p> <p>Under potential solution 3, the SVAA will be required to provide monthly Supplier market share data (ACCCs) for all Suppliers to ELEXON; the SVAA will be required to provide HH</p>

Impact on BSC Systems and process	
BSC System/Process	Impact
	<p>aggregated ACCCs on the ELEXON Portal.</p> <p>Under potential solution 4, the SVAA will be required to provide monthly Supplier market share data (ACCCs) for all Suppliers to ELEXON; the SVAA will be required to publish Suppliers' existing daily DTC flows on the ELEXON Portal.</p>

Impact on Code	
Code Section	Impact
Section V	Changes will be required to implement this Modification; draft legal text will be produced when the Proposed solution and Alternative solution, if applicable, have been determined.

Impact on Code Subsidiary Documents	
CSD	Impact
BSCP508	Changes will be required to reflect the data publication.

Impact on other Configurable Items	
Configurable Item	Impact
Service Description for SVAA	Changes will be required to reflect the changes to processes.
SVAA URS	

Impact on Core Industry Documents and other documents	
Document	Impact
Data Transfer Services Agreement	Changes will be required to reflect the new DTC data flow that P315 could introduce (potential solution 2).

5 Implementation

Recommended Implementation Date

The Workgroup initially recommends the following Implementation Date for P315, with a phased implementation approach (if the P315 solution includes multiple Solution Areas):

- 5 November 2015 if the Authority's decision is received on or before 30 June 2015, with:
 - Solution Area a) implemented on the Implementation Date of 5 November 2015 (November 2015 BSC Systems Release); and
 - Any other Solution Area included in P315 implemented on 30 June 2016 (the next suitable BSC Systems Release); or
- 25 February 2016 if the Authority's decision is received after 30 June 2015 but on or before 3 November 2015, with
 - Solution Area a) implemented on the Implementation Date of 25 February 2016 (February 2016 BSC Systems Release); and
 - Any other Solution Area included in P315 implemented on 3 November 2016 (the next suitable BSC Systems Release).

Initial Solution Options

The Workgroup initially developed three Initial Options to establish and publish Supplier market share data. These options are set out below as they were issued for impact assessment, except sub-option C3 which was added after the industry impact assessment, as explained below.

The Proposer considered that Option A, at least, should form part of the Proposed Solution, noting that the options are not mutually exclusive, i.e. any single option, combination of two options or all options together could form the P315 solution.

Initial Option A – User Friendly

As described in Annex 1, ELEXON would publish each month market share data in both MWh (inclusive of Distribution Losses and after application of GSP Group Correction) and MPAN counts on the ELEXON website (as distinct from the ELEXON Portal). The MWh values would use data from the SF Run for each Settlement Day in the month. The MPAN count data would be as reported in the SF Run, averaging across each reporting month. The data to be published would allow users to view the following information for each Trading Party Group in a user friendly format:

1. PC1 Metered Import
2. PC2 Metered Import
3. PC3 Metered Import
4. PC4 Metered Import
5. PC5 Metered Import
6. PC6 Metered Import
7. PC7 Metered Import
8. PC8 Metered Import
9. Non Half Hourly (NHH) Unmetered Import
10. HH Unmetered Import
11. HH Metered Import
12. Central Volume Allocation (CVA) Contract for Difference (CfD) Import¹²
13. NHH Export
14. HH Export
15. Total Import

The MPAN count data would include an additional column for DCC Active MPAN count and would exclude MSID count relating to CVA CfD Import.

Initial Option A would contain data at the national and GSP Group levels.

Initial Option B – Data Rich

ELEXON would provide information from the Data Transfer Catalogue (DTC) D0030¹³, D0081¹⁴ and Electricity Market Reform (EMR) D0362¹⁵ data flows for all Suppliers on the ELEXON Portal.

BSC Parties would have access to the data with no charge. Non BSC Parties would be able to license the data at a cost of £3,000, which is the same cost as to licence the data under

¹² This refers to Suppliers' CVA import from the sites that are directly connected to the Transmission System and this data can be extracted from SAA-I0143 by BSCCo.

¹³ D0030: Non Half Hourly Distribution Use of System (DUoS) Report

¹⁴ D0081: Supplier Half Hourly Demand Report

¹⁵ D0362: Contract for Difference (CfD) Supplier Invoice Backing Data

Modification P114 (i.e. from P315 implementation licencing both the P114 data and this P315 data would cost £3,000 in total).

Initial Option C – New Data flow

Sub-option C1

Create a new DTC data flow containing the data relating to the HH 13 Aggregate Consumption Component Classes (as described in the SVAA section of Annex 1) per Supplier ID. This data flow would be sent from the SVAA to each Supplier via the DTC (i.e. containing only the data for the Supplier ID).

Sub-option C2

Produce the same content as the data flow under Sub-option C1, but with the data for all Supplier IDs. This data would be available from the ELEXON Portal. Non BSC Parties that have not yet licensed P114 data would be able to purchase P114 and P315 data together at a cost of £3,000 per annum (the cost of licensing P114 data).

Sub-option C3 (added after industry impact assessment)

Develop a new DTC flow containing the same data as Sub-option C2 (HH 13 ACCCs for all Suppliers). The data should be sent to all Suppliers via DTC and be published on the ELEXON Portal on a daily basis.

Industry impact assessment of Initial Options

We received 10 industry responses to the P315 Impact Assessment, which also sought Parties' initial views on their preferred option or a combination of options. The full responses are published on the [P315 page](#) of the ELEXON website.

Respondents did not identify any direct, mandatory impacts to implement any of the Initial Options. Respondents noted they would be impacted if they chose to receive data over the DTC, where applicable, and be indirectly impacted if they wish to further analyse or make use of the data provided under each potential solution.

Industry views

The majority of respondents preferred Option A alone due to its user friendly nature and in fact that it provides the sufficient level of information of Supplier market shares for a wide range of audiences.

Two respondents believed that, on top of Option A, Sub-option C2 would provide more detailed market share data and would be beneficial for Suppliers to validate their Settlement data. They also proposed an alternative Option to deliver Sub-option C2 via DTC.

Workgroup discussion

The Workgroup considered the Impact Assessment responses and agreed that the alternative option suggested by some respondents – deliver Sub-option C2 via DTC and the Portal - may have merit and should form an additional Sub-option C3 and be impact assessed for the implementation costs and lead times by the BSC Central Service Providers. The below table shows the indicative implementation costs and lead times, including Option C3.

Estimated central implementation costs

Initial Option(s)	Implementation Costs	Maximum Lead Time
Option A	£44.3k	16 weeks
Option A +B ¹⁶	£78.5k	25 weeks
Option A + B + C1	£112.2k	30 weeks
Option A + B + C2	£121.7k	31 weeks
Option A + C1	£78.2k	26 weeks
Option A + C2	£87.7k	27 weeks
Option A + C3	£76.6k	23 weeks

Implementation costs against on-going costs

The Workgroup believes the implementation costs and lead times for all of the Initial Option or combination of Options are not prohibitive, if the options are considered to have benefit. However, the Workgroup noted that on-going costs of options must also be considered. We have therefore provided the total costs including both implementation costs and on-going costs for the 315 potential solutions as described in Section 3 'Potential Solutions'.

Consideration of on-going costs had a direct impact on the development of Sub-option C3, as it was initially intended to contain HH Settlement data for all Suppliers and GSP Groups and to be produced for all Settlement Run Types. This would potentially create a daily DTC file equivalent to 1.1 million lines and would be uneconomic to be delivered to all Suppliers via DTC as the data transfer cost, estimated on a £/megabyte basis, would be prohibitively high. The Workgroup agreed that the data contained in Sub-option C3 should be daily aggregated rather than HH aggregated and be produced for SF Settlement Run only. This would massively reduce the file size of Sub-option C3 and enable it to be transferred via DTC.

Development of Potential P315 Solutions

The Workgroup reviewed the industry responses and costs in respect to each of its Initial Options and Sub-options and further developed them into four Solution Areas for different levels of data granularity. The key developments include:

- Since the majority of industry respondents favoured Initial Option A, the Workgroup believed that it should remain the same. This has formed **Solution Area a)**.
- In consideration of the on-going costs, the Workgroup refined Initial Sub-option C3 data to be daily aggregated and be produced for the SF Run only. This data should be sent to Suppliers via DTC and published on the Portal on a daily basis. This formed **Solution Area b)**.

¹⁶ Initial Option B was impact assessed for the provision of the three DTC flows for the SF Run only.

- Initial Sub-option C2 contains the HH market share data for all Suppliers and should be published on the ELEXON Portal only (removing the previous C1 DTC element). This formed **Solution Area c)**.
- Although the impact assessment did not justify the demand for Initial Option B, the Workgroup believed that it could be a technical solution and provide lowest level of data granularity. The Workgroup amended the DTC data flow combinations from Initial Option B and believed that these flows should be produced for all Run Types. This formed **Solution Area d)**.
- The impact assessment did not justify the demand for Sub-option C1. It is therefore discarded from the potential P315 solutions.

Solution Areas a), b), c) and d) represent high, medium, low and lowest levels of market share data granularity. The impact assessment results suggests that Solution Area a) was most favoured for its user friendly nature, therefore the Workgroup considered that Solution Area a) should form its own potential solution or at least be a part of any other potential solutions. These potential solutions are described in Section 3 'Potential Solutions'.

Initial Assessment of P315

What level of data granularity should be published?

The industry Impact Assessment brought up the concerns over the granularity of market share data that is appropriate to be published in relation to commercial sensitivity.

The Workgroup was receptive to reporting market share data to a granular level, but considered that it did not currently have a clear understanding of what level of granularity of market share data should be published in the interest of market transparency and competition, and what level of granularity particularly caused concern. The Workgroup therefore invites the views of industry participants on this question to inform its further considerations on P315.

Assessment Consultation Question

In light of increasing market transparency, what level of granularity of market share data do you believe is appropriate to be published?

For example, the granularity of market shares could be down to quarterly, monthly, daily, Half Hourly or beyond Half Hourly. If your answer is no data should be published, please clearly state the reason.

The Workgroup invites you to give your views using the response form in Attachment A

Will publishing P315 data promote competition?

The Workgroup believes that the market share data that would be published under the potential P315 solutions would better facilitate competition as it would provide clear market share information for the different segments of regional electricity supply markets, and this information would be equally available to Suppliers and other participants.

This information would show how market share changes over time and would help market participants and new entrants to identify new opportunities and better react to competition.

The Workgroup is generally supportive of the publication of market share information under the various potential P315 solutions. Some Workgroup members cautioned that if the data to be published under P315 is over-granular, Parties would have to invest additional resources to further analyse or process the data in order for them to understand the market shares. This would disadvantage small Parties.

The Workgroup seeks the views of participants on the impact of the potential P315 solutions on competition and the relative merit of the different levels of granularity.

Is there a precedent to publish Supplier market share data?

Ofgem currently publishes [the State of Market Assessment](#) which reports on the statistics of the national retail electricity market including Supplier market shares. However the market share data published by Ofgem is less granular than that was proposed under P315, even the least granular option, solution 1 (i.e. Ofgem reports market share on a national level and segments the market by domestic/non-domestic). The State of the Market Assessment is almost entirely devoted to reporting on the domestic market.

What is the justification to publish market share data down to GSP Group granularity?

Publishing Supplier market share data within GSP Group would provide regional market share information. This would increase transparency in the regional electricity supply market. The Workgroup believes that restricting market share data to the national level would undermine the ability to understand Supplier activities in different regions of the country which the Workgroup believed to be an important factor of market transparency.

An example of this would be a Supplier losing market share in one particular GSP Group but gaining market share in another, causing only a small net change in total market share. This shift in regional market shares could not therefore be identified using national market share data.

What is the justification to publish market share data down to Profile Class granularity?

The Workgroup believes that publishing the market share data down to PC level would help market participants to better understand the market segmentation. The market segments used in Ofgem's State of Market Assessment are those of domestic (NHH) and non-domestic (NHH and HH)

The Workgroup invites industry participants' views on how the market share data should be segmented in the interests of transparency. The Workgroup has considered the following segmentations:

- Report PCs 1, 2, 3, 4, 5, 6, 7, 8 separately, i.e. segment by Profile Class.
- Report PCs 1, 2, 3, 4 separately and group PCs 5-8 together, i.e. segment by
 - domestic (PC1, unrestricted, and PC2, economy 7, separately);

- small non-domestic (PC3, unrestricted, and PC4, economy 7, separately); and
- large non-domestic (PCs 5-8 total).
- Report PCs 1-2, 3-4 and 5-8 grouped together, i.e. segment by:
 - domestic (PCs 1-2 total);
 - small non-domestic (PCs 3-4 total); and
 - large non-domestics (PCs 5-8 total).

The Workgroup currently favours reporting PCs 5-8 grouped together as they believe this reflects a balance between supplying information to a useful granularity while not presenting unnecessarily granular data. However, the Workgroup do not see a great deal of difference under this approach between reporting PCs 1-4 separately or grouping PCs 1-2 together and PCs 3-4 together. At present the Proposer shares the Workgroup's view.

Assessment Consultation Question

Do you agree with the Workgroup's initial view that PCs 5-8 should be combined but that PCs 1-4 should be reported separately?

Please explain your rationale.

The Workgroup invites you to give your views using the response form in Attachment A

Commercial sensitivity of data

The below table draws out a summary of data items contained within each of the potential P315 Solution Areas, including reporting frequency, and also the relevant Settlement Run(s) and delivery method. The Workgroup believes that there may be concern among some participants about commercial sensitivity of data that it is proposed to publish under P315.

To allow the Workgroup to fully understand any concerns that participants may have over the P315 data sensitivity, we invite you to clarify which items or characteristics, if any, you believe are commercially sensitive, explaining why you view these aspects as commercially sensitive.

Solution Area a) data characteristics (all solutions)	Solution Area b) data characteristics (solution 2 only)	Solution Area c) data characteristics (solution 3 only)	Solution Area d) data characteristics (solution 4 only)
Monthly 13 ACCCs as described in Annex 1	Daily 13 ACCCs as described in Annex 1	HH 13 ACCCs as described in Annex 1	Daily Supplier DTC data flows D0030 and D0081 or D0018, D0081 and D0082. See Annex 2 for details of data items of these data flows.
Party group name	MPID	MPID	
GSP Group	GSP Group	GSP Group	
Profile Class	Profile Class	Profile Class	
Monthly aggregation	Daily aggregation	HH aggregation	

Solution Area a) data characteristics (all solutions)	Solution Area b) data characteristics (solution 2 only)	Solution Area c) data characteristics (solution 3 only)	Solution Area d) data characteristics (solution 4 only)
Monthly MWh volumes (SVA and CVA)	Daily MWh volumes (SVA only)	HH MWh volumes (SVA only)	
Monthly MPAN counts (SVA and CVA)	Daily MPAN counts (SVA only)	HH MPAN counts (SVA only)	
Monthly DCC MPAN counts			
SF Run data	SF Run data	SF Run data	All Runs data
Website publication	Portal publication	Portal publication	Portal publication

Assessment Consultation Question

Are there any data items or other aspects of the potential P315 solutions that you believe are commercially sensitive and therefore should not be part of the P315 Modification Solution?

Please explain your rationale.

The Workgroup invites you to give your views using the response form in Attachment A

Should Supplier ID/Names be anonymised?

The Workgroup considered that publishing the proposed data against the relevant Supplier ID/name would be consistent with P315's objective of increased transparency. However, the Workgroup noted that if Parties are concerned that data published under P315 may be commercially sensitive they may prefer that if such information is published the associated Supplier ID/Names should be anonymised.

A Workgroup member suggested that such anonymisation would not necessarily have much effect in practice because it would still be possible for some Parties to work out the Supplier associated with particular data by cross referencing other data sources.

Applicable BSC Objectives

The Workgroup gave general initial views taking into consideration the for potential P315 solutions under consideration.

The Proposer believes that P315 will better facilitate:

- **Applicable BSC Objective (b)** by enabling the Transmission Company and market participants to better understand the impact of the operation of embedded generation (a lot of which is intermittent renewable generation) on the market.
- **Applicable BSC Objective (c)** by providing all Suppliers with the market share information in the GSP Group, creating an equal information resource for all Suppliers, which will aid competition.

Additionally, increased data transparency is generally accepted to contribute to promoting competition.

- **Applicable BSC Objective (d)** by helping Suppliers to identify unexpected missing or additional volumes that have an additional impact on Settlement. This will result in Suppliers identifying Settlement Errors quicker and reducing the opportunity for Settlement Error.

The initial majority view of the Workgroup is that all of the potential P315 solutions would better facilitate Applicable BSC Objective (c) for the reasons set out by the Proposer. Some members clarified that this view was cautious with respect to the more granular data solutions (3 and 4), and subject to further consideration and to understanding participants' views on the various solutions, including commercial sensitivity and whether the information would be presented in a clear enough format to of use to participants.

Only the Proposer believed that there were other Applicable BSC Objectives on top of Objective (c) which were relevant to P315.

One Workgroup member did not give an initial view on P315.

Recommendation

The P315 Workgroup does not have an initially recommendation on whether P315 should be approved or rejected.



What are the Applicable BSC Objectives?

(a) The efficient discharge by the Transmission Company of the obligations imposed upon it by the Transmission Licence

(b) The efficient, economic and co-ordinated operation of the National Electricity Transmission System

(c) Promoting effective competition in the generation and supply of electricity and (so far as consistent therewith) promoting such competition in the sale and purchase of electricity

(d) Promoting efficiency in the implementation of the balancing and settlement arrangements

(e) Compliance with the Electricity Regulation and any relevant legally binding decision of the European Commission and/or the Agency [for the Co-operation of Energy Regulators]

(f) Implementing and administrating the arrangements for the operation of contracts for difference and arrangements that facilitate the operation of a capacity market pursuant to EMR legislation

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Workgroup's Terms of Reference

Specific areas set by the BSC Panel in the P315 Terms of Reference

The Workgroup will carry out an Assessment Procedure for Modification Proposal P315 in accordance with Section F2.6 of the Balancing and Settlement Code.

The Workgroup will produce an Assessment Report for the BSC Panel Meeting on 9 April 2015.

The Workgroup will consider and/or include in the Assessment Report as appropriate:

- a) What is demand for this data across the industry?
- b) How should the data be published?
 - i) Channel of publication
 - ii) Format of data
 - iii) Frequency of publication
- c) What are the impacts on Parties' systems to implement P315?
- d) What is the most appropriate Implementation Date for P315?
- e) What changes are needed to BSC documents, systems and processes to support P315 and what are the related costs and lead times?
- f) Are there any Alternative Modifications?
- g) Does P315 better facilitate the Applicable BSC Objectives than the current baseline?

Assessment Procedure timetable

Proposed Progression Timetable for P315

Event	Date
Present Initial Written Assessment to Panel	9 Oct 14
Workgroup Meeting	24 Oct 14
Central Systems and Industry Impact Assessment	12 Nov 14 – 3 Dec 14
Workgroup Meeting	9 Dec 14
Workgroup Meeting	19 Jan 15
Assessment Procedure Consultation	9 Feb 15 – 27 Feb 15
Workgroup Meeting	W/B 2 Mar 15
Present Assessment Report to Panel	9 Apr 15
Report Phase Consultation	13 Apr 15 – 1 May 15
Present Draft Modification Report to Panel	14 May 15
Issue Final Modification Report to Authority	15 May 15

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Assessment Procedure
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Workgroup membership and attendance

P315 Workgroup Attendance				
Name	Organisation	24 Oct 14	9 Dec 14	19 Jan 14
Members				
Dean Riddell	ELEXON (<i>Chair</i>)	✓	✓	✓
Oliver Xing	ELEXON (<i>Lead Analyst</i>)	✓	✓	✓
Colin Prestwich	SmartestEnergy (<i>Proposer</i>)	✓	✓	✓
Phil Russell	Independent Consultant	✓	✓	✓
Greg Mackenzie	British Gas	✓	☎	✓
Walter Hood	IBM on behalf of ScottishPower	☎	✓	✓
Tom Edwards	Cornwall Energy	✗	✗	✗
Phil Hewitt	Enappsys	✓	☎	✓
Esther Sutton	E.ON	✓	✓	☎
Andy Colley	SSE	✗	✓	✓
Attendees				
Matthew McKeon	ELEXON (<i>Design Authority</i>)	✓	✓	✓
Geoff Norman	ELEXON (<i>Lead Lawyer</i>)	✗	✗	✓
Monica Gandolfi	Ofgem	✓	✓	✓

Appendix 2: Glossary & References

Acronyms

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

Glossary of Defined Terms	
Acronym	Definition
AE	Active Export
AI	Active Import
BMU	Balancing Mechanism Unit
BSC	Balancing and Settlement Code
BSCCo	Balancing and Settlement Code Company
CCC	Consumption Component Class
CfD	Contract for Difference
CSD	Code Subsidiary Document
CVA	Central Volume Allocation
DTC	Date Transfer Catalogue
DUoS	Distribution Use of System
EMR	Electricity Market Reform
GSP	Grid Supply Point
HH	Half Hourly
IDD	Interface Definition Document
LEG	Licence Exemptible Generator
MPAN	Metering Point Administration Number
MPID	Market Participant Identifier
NHH	Non Half Hourly
PC	Profile Class
SF	Settlement Final
SVA	Supplier Volume Allocation
SVAA	Supplier Volume Allocation Agent
URS	User Requirements Specification

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
D0018	Daily Profile Data Report
D0030	Non Half Hourly Distribution Use of System (DUoS) Report
D0081	Supplier Half Hourly Demand Report
D0082	Supplier Purchase Matrix Report
D0276	GSP Group Consumption Totals Report
D0362	Contract for Difference (CfD) Supplier Invoice Backing Data

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
2	P315 page on the ELEXON website	http://www.elexon.co.uk/mod-proposal/p315/
3	SAA-I0141 (Settlement Report sub flow 1) description	http://www.elexon.co.uk/wp-content/uploads/2014/07/neta_idd_part_1_v31.0.pdf
3	SAA-I0142 (Settlement Report sub flow 2) description	http://www.elexon.co.uk/wp-content/uploads/2014/11/neta_idd_part_2_v31.0.pdf
3	SAA-I0143 (Settlement Report sub flow 3) description	http://www.elexon.co.uk/wp-content/uploads/2014/11/neta_idd_part_2_v31.0.pdf
3	DTC website	http://dtc.mrasco.com/Default.aspx
3	Data flow descriptions on the DTC website	http://dtc.mrasco.com/ListDataFlows.aspx

External Links		
Page(s)	Description	URL
6	P114 page on the ELEXON website	http://www.elexon.co.uk/mod-proposal/p114-entitlement-of-licence-exemptable-generators-legs-and-other-non-trading-parties-to-bsc-membership-without-evidence-of-trading/
12	BM Reports website	http://www.bmreports.com/
17	The States of Market Assessment	https://www.ofgem.gov.uk/publications-and-updates/state-market-assessment

SVAA (applies to Solution Area 1, 2 and 3)

13 ACCCs

Create 13 new Aggregate Consumption Component Classes (ACCCs) for reporting purposes. Each of these ACCCs would be reported by Supplier Id and GSP Group Id for each Settlement Date using the SF Run data.

1. P1 – NHH Metered Import associated with Profile Class 1
2. P2 – NHH Metered Import associated with Profile Class 2
3. P3 – NHH Metered Import associated with Profile Class 3
4. P4 – NHH Metered Import associated with Profile Class 4
5. P5 – NHH Metered Import associated with Profile Class 5
6. P6 – NHH Metered Import associated with Profile Class 6
7. P7 – NHH Metered Import associated with Profile Class 7
8. P8 – NHH Metered Import associated with Profile Class 8
9. NU – NHH Unmetered Import
10. HU – HH Unmetered Import
11. HM – HH Metered Import
12. NE – NHH Export
13. HE – HH Export

The MPAN counts would be reported by Settlement Day. The MWh values would be reported by HH Period with a Daily Total.

Each ACCC has a Corrected MWh value and an associated Corrected Losses value. Both values would be reported in the new DTC data flow. The uncorrected values would not be reported.

Aggregations

The 13 ACCCs will be aggregated on a monthly, daily or HH level as required by different potential solutions. The MPAN counts would be averaged for potential solution 1 based on the SF data.

ELEXON (applies to Solution Area 1)

CVA MWh totals

After the SF Run for the last day of each month has taken place, derive the total –ve QM value applicable to BM Units which are liable for Supplier CfD payments (summed over each day in the month) for each BSC Party Id for which the value is not equal to zero (and multiply it by -1 so that it is reported as a positive value).

DCC MPANs

ELEXON procures MPAN count per Supplier Id for which the DCC Service Flag = "A" averaged across a report month using the SF data.

Party Grouping

ELEXON aggregates from Supplier Id to BSC Party Id as necessary and then from BSC Party Id to Trading Party Group Name.

ELEXON publishes compiled report of MPAN counts and MWh by Trading Party Group Name on the ELEXON website relating to each calendar month, after the SF Run has taken place.

D0018 data items

Flow Name:	Daily Profile Data Report	
Flow Description:	Details of the daily profile production process..	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0062	Actual Noon Temperature
J1104	GSP Group
J0066	GSP Group Id
J0876	Low Register Profile Coefficient (Settlement Period 01)
J1460	Low Register Profile Coefficient (Settlement Period 02)
J1461	Low Register Profile Coefficient (Settlement Period 03)
J1462	Low Register Profile Coefficient (Settlement Period 04)
J1463	Low Register Profile Coefficient (Settlement Period 05)
J1464	Low Register Profile Coefficient (Settlement Period 06)
J1465	Low Register Profile Coefficient (Settlement Period 07)
J1466	Low Register Profile Coefficient (Settlement Period 08)
J1467	Low Register Profile Coefficient (Settlement Period 09)
J1468	Low Register Profile Coefficient (Settlement Period 10)
J1469	Low Register Profile Coefficient (Settlement Period 11)
J1470	Low Register Profile Coefficient (Settlement Period 12)
J1471	Low Register Profile Coefficient (Settlement Period 13)
J1472	Low Register Profile Coefficient (Settlement Period 14)
J1473	Low Register Profile Coefficient (Settlement Period 15)
J1474	Low Register Profile Coefficient (Settlement Period 16)
J1475	Low Register Profile Coefficient (Settlement Period 17)
J1476	Low Register Profile Coefficient (Settlement Period 18)
J1477	Low Register Profile Coefficient (Settlement Period 19)
J1478	Low Register Profile Coefficient (Settlement Period 20)
J1479	Low Register Profile Coefficient (Settlement Period 21)
J1480	Low Register Profile Coefficient (Settlement Period 22)
J1481	Low Register Profile Coefficient (Settlement Period 23)
J1482	Low Register Profile Coefficient (Settlement Period 24)
J1483	Low Register Profile Coefficient (Settlement Period 25)
J1484	Low Register Profile Coefficient (Settlement Period 26)
J1485	Low Register Profile Coefficient (Settlement Period 27)
J1486	Low Register Profile Coefficient (Settlement Period 28)
J1487	Low Register Profile Coefficient (Settlement Period 29)
J1488	Low Register Profile Coefficient (Settlement Period 30)
J1489	Low Register Profile Coefficient (Settlement Period 31)
J1490	Low Register Profile Coefficient (Settlement Period 32)
J1491	Low Register Profile Coefficient (Settlement Period 33)
J1492	Low Register Profile Coefficient (Settlement Period 34)
J1493	Low Register Profile Coefficient (Settlement Period 35)
J1494	Low Register Profile Coefficient (Settlement Period 36)

Reference	Item Name
J1495	Low Register Profile Coefficient (Settlement Period 37)
J1496	Low Register Profile Coefficient (Settlement Period 38)
J1497	Low Register Profile Coefficient (Settlement Period 39)
J1498	Low Register Profile Coefficient (Settlement Period 40)
J1499	Low Register Profile Coefficient (Settlement Period 41)
J1500	Low Register Profile Coefficient (Settlement Period 42)
J1501	Low Register Profile Coefficient (Settlement Period 43)
J1502	Low Register Profile Coefficient (Settlement Period 44)
J1503	Low Register Profile Coefficient (Settlement Period 45)
J1504	Low Register Profile Coefficient (Settlement Period 46)
J1505	Low Register Profile Coefficient (Settlement Period 47)
J1506	Low Register Profile Coefficient (Settlement Period 48)
J1507	Low Register Profile Coefficient (Settlement Period 49)
J1508	Low Register Profile Coefficient (Settlement Period 50)
J0068	Noon Effective Temperature
J0877	Normal Register Profile Coefficient (Settlement Period 01)
J1509	Normal Register Profile Coefficient (Settlement Period 02)
J1510	Normal Register Profile Coefficient (Settlement Period 03)
J1511	Normal Register Profile Coefficient (Settlement Period 04)
J1512	Normal Register Profile Coefficient (Settlement Period 05)
J1513	Normal Register Profile Coefficient (Settlement Period 06)
J1514	Normal Register Profile Coefficient (Settlement Period 07)
J1515	Normal Register Profile Coefficient (Settlement Period 08)
J1516	Normal Register Profile Coefficient (Settlement Period 09)
J1517	Normal Register Profile Coefficient (Settlement Period 10)
J1518	Normal Register Profile Coefficient (Settlement Period 11)
J1519	Normal Register Profile Coefficient (Settlement Period 12)
J1520	Normal Register Profile Coefficient (Settlement Period 13)
J1521	Normal Register Profile Coefficient (Settlement Period 14)
J1522	Normal Register Profile Coefficient (Settlement Period 15)
J1523	Normal Register Profile Coefficient (Settlement Period 16)
J1524	Normal Register Profile Coefficient (Settlement Period 17)
J1525	Normal Register Profile Coefficient (Settlement Period 18)
J1526	Normal Register Profile Coefficient (Settlement Period 19)
J1527	Normal Register Profile Coefficient (Settlement Period 20)
J1528	Normal Register Profile Coefficient (Settlement Period 21)
J1529	Normal Register Profile Coefficient (Settlement Period 22)
J1530	Normal Register Profile Coefficient (Settlement Period 23)
J1531	Normal Register Profile Coefficient (Settlement Period 24)
J1532	Normal Register Profile Coefficient (Settlement Period 25)
J1533	Normal Register Profile Coefficient (Settlement Period 26)
J1534	Normal Register Profile Coefficient (Settlement Period 27)
J1535	Normal Register Profile Coefficient (Settlement Period 28)
J1536	Normal Register Profile Coefficient (Settlement Period 29)
J1537	Normal Register Profile Coefficient (Settlement Period 30)
J1538	Normal Register Profile Coefficient (Settlement Period 31)
J1539	Normal Register Profile Coefficient (Settlement Period 32)
J1540	Normal Register Profile Coefficient (Settlement Period 33)
J1541	Normal Register Profile Coefficient (Settlement Period 34)
J1542	Normal Register Profile Coefficient (Settlement Period 35)
J1543	Normal Register Profile Coefficient (Settlement Period 36)
J1544	Normal Register Profile Coefficient (Settlement Period 37)
J1545	Normal Register Profile Coefficient (Settlement Period 38)
J1546	Normal Register Profile Coefficient (Settlement Period 39)
J1547	Normal Register Profile Coefficient (Settlement Period 40)
J1548	Normal Register Profile Coefficient (Settlement Period 41)

Reference	Item Name
J1549	Normal Register Profile Coefficient (Settlement Period 42)
J1550	Normal Register Profile Coefficient (Settlement Period 43)
J1551	Normal Register Profile Coefficient (Settlement Period 44)
J1552	Normal Register Profile Coefficient (Settlement Period 45)
J1553	Normal Register Profile Coefficient (Settlement Period 46)
J1554	Normal Register Profile Coefficient (Settlement Period 47)
J1555	Normal Register Profile Coefficient (Settlement Period 48)
J1556	Normal Register Profile Coefficient (Settlement Period 49)
J1557	Normal Register Profile Coefficient (Settlement Period 50)
J0069	Period Profile Coefficient Value (Settlement Period 01)
J1362	Period Profile Coefficient Value (Settlement Period 02)
J1363	Period Profile Coefficient Value (Settlement Period 03)
J1364	Period Profile Coefficient Value (Settlement Period 04)
J1365	Period Profile Coefficient Value (Settlement Period 05)
J1366	Period Profile Coefficient Value (Settlement Period 06)
J1367	Period Profile Coefficient Value (Settlement Period 07)
J1368	Period Profile Coefficient Value (Settlement Period 08)
J1369	Period Profile Coefficient Value (Settlement Period 09)
J1370	Period Profile Coefficient Value (Settlement Period 10)
J1371	Period Profile Coefficient Value (Settlement Period 11)
J1372	Period Profile Coefficient Value (Settlement Period 12)
J1373	Period Profile Coefficient Value (Settlement Period 13)
J1374	Period Profile Coefficient Value (Settlement Period 14)
J1375	Period Profile Coefficient Value (Settlement Period 15)
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J1393	Period Profile Coefficient Value (Settlement Period 33)
J1394	Period Profile Coefficient Value (Settlement Period 34)
J1395	Period Profile Coefficient Value (Settlement Period 35)
J1396	Period Profile Coefficient Value (Settlement Period 36)
J1397	Period Profile Coefficient Value (Settlement Period 37)
J1398	Period Profile Coefficient Value (Settlement Period 38)
J1399	Period Profile Coefficient Value (Settlement Period 39)
J1400	Period Profile Coefficient Value (Settlement Period 40)
J1401	Period Profile Coefficient Value (Settlement Period 41)
J1402	Period Profile Coefficient Value (Settlement Period 42)
J1403	Period Profile Coefficient Value (Settlement Period 43)
J1404	Period Profile Coefficient Value (Settlement Period 44)
J1405	Period Profile Coefficient Value (Settlement Period 45)
J1406	Period Profile Coefficient Value (Settlement Period 46)
J1407	Period Profile Coefficient Value (Settlement Period 47)

Reference	Item Name
J1408	Period Profile Coefficient Value (Settlement Period 48)
J1409	Period Profile Coefficient Value (Settlement Period 49)
J1410	Period Profile Coefficient Value (Settlement Period 50)
J0070	Period Register on State Indicator (Settlement Period 01)
J1411	Period Register on State Indicator (Settlement Period 02)
J1412	Period Register on State Indicator (Settlement Period 03)
J1413	Period Register on State Indicator (Settlement Period 04)
J1414	Period Register on State Indicator (Settlement Period 05)
J1415	Period Register on State Indicator (Settlement Period 06)
J1416	Period Register on State Indicator (Settlement Period 07)
J1417	Period Register on State Indicator (Settlement Period 08)
J1418	Period Register on State Indicator (Settlement Period 09)
J1419	Period Register on State Indicator (Settlement Period 10)
J1420	Period Register on State Indicator (Settlement Period 11)
J1421	Period Register on State Indicator (Settlement Period 12)
J1422	Period Register on State Indicator (Settlement Period 13)
J1423	Period Register on State Indicator (Settlement Period 14)
J1424	Period Register on State Indicator (Settlement Period 15)
J1425	Period Register on State Indicator (Settlement Period 16)
J1426	Period Register on State Indicator (Settlement Period 17)
J1427	Period Register on State Indicator (Settlement Period 18)
J1428	Period Register on State Indicator (Settlement Period 19)
J1429	Period Register on State Indicator (Settlement Period 20)
J1430	Period Register on State Indicator (Settlement Period 21)
J1431	Period Register on State Indicator (Settlement Period 22)
J1432	Period Register on State Indicator (Settlement Period 23)
J1433	Period Register on State Indicator (Settlement Period 24)
J1434	Period Register on State Indicator (Settlement Period 25)
J1435	Period Register on State Indicator (Settlement Period 26)
J1436	Period Register on State Indicator (Settlement Period 27)
J1437	Period Register on State Indicator (Settlement Period 28)
J1438	Period Register on State Indicator (Settlement Period 29)
J1439	Period Register on State Indicator (Settlement Period 30)
J1440	Period Register on State Indicator (Settlement Period 31)
J1441	Period Register on State Indicator (Settlement Period 32)
J1442	Period Register on State Indicator (Settlement Period 33)
J1443	Period Register on State Indicator (Settlement Period 34)
J1444	Period Register on State Indicator (Settlement Period 35)
J1445	Period Register on State Indicator (Settlement Period 36)
J1446	Period Register on State Indicator (Settlement Period 37)
J1447	Period Register on State Indicator (Settlement Period 38)
J1448	Period Register on State Indicator (Settlement Period 39)
J1449	Period Register on State Indicator (Settlement Period 40)
J1450	Period Register on State Indicator (Settlement Period 41)
J1451	Period Register on State Indicator (Settlement Period 42)
J1452	Period Register on State Indicator (Settlement Period 43)
J1453	Period Register on State Indicator (Settlement Period 44)
J1454	Period Register on State Indicator (Settlement Period 45)
J1455	Period Register on State Indicator (Settlement Period 46)
J1456	Period Register on State Indicator (Settlement Period 47)
J1457	Period Register on State Indicator (Settlement Period 48)
J1458	Period Register on State Indicator (Settlement Period 49)
J1459	Period Register on State Indicator (Settlement Period 50)
J0071	Profile Class Id
J0072	Profile Id
J1091	Profile Production Date

Reference	Item Name
J1092	Profile Production Time
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0073	Settlement Date
J0076	Standard Settlement Configuration Id
J0875	Sunset Variable
J0077	Time of Sunset
J0078	Time Pattern Regime
J1089	User Name

D0030 data items

Flow Name:	Non Half Hourly DUoS Report
Flow Description:	A report of profiled SPM data by settlement class summed over Data Aggregator and Distributor. The Distributor will receive one report per Supplier. The report also includes domain data. In part one where the information is sent to the Distributor it will contain all Suppliers, whereas where the information is sent to the Supplier it will contain only data pertaining to that Supplier.
Flow Ownership:	BSC

From	To	Version
SVAA	Distributor	6.0
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J0244	BSC Trading Party Id
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0884	Daily Profiled SPM Total Annualised Advance
J0885	Daily Profiled SPM Total EAC
J0163	Data Aggregation Type
J0189	Distributor Id
J0323	Distributor Name
J1104	GSP Group
J0166	GSP Group Correction Factor
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0147	Line Loss Factor Class Id
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1103	Profile Class
J1292	Profiled SPM Consumption (Settlement Period 01)
J1312	Profiled SPM Consumption (Settlement Period 02)
J1313	Profiled SPM Consumption (Settlement Period 03)
J1314	Profiled SPM Consumption (Settlement Period 04)

Reference	Item Name
J1315	Profiled SPM Consumption (Settlement Period 05)
J1316	Profiled SPM Consumption (Settlement Period 06)
J1317	Profiled SPM Consumption (Settlement Period 07)
J1318	Profiled SPM Consumption (Settlement Period 08)
J1319	Profiled SPM Consumption (Settlement Period 09)
J1320	Profiled SPM Consumption (Settlement Period 10)
J1321	Profiled SPM Consumption (Settlement Period 11)
J1322	Profiled SPM Consumption (Settlement Period 12)
J1323	Profiled SPM Consumption (Settlement Period 13)
J1324	Profiled SPM Consumption (Settlement Period 14)
J1325	Profiled SPM Consumption (Settlement Period 15)
J1326	Profiled SPM Consumption (Settlement Period 16)
J1327	Profiled SPM Consumption (Settlement Period 17)
J1328	Profiled SPM Consumption (Settlement Period 18)
J1329	Profiled SPM Consumption (Settlement Period 19)
J1330	Profiled SPM Consumption (Settlement Period 20)
J1331	Profiled SPM Consumption (Settlement Period 21)
J1332	Profiled SPM Consumption (Settlement Period 22)
J1333	Profiled SPM Consumption (Settlement Period 23)
J1334	Profiled SPM Consumption (Settlement Period 24)
J1335	Profiled SPM Consumption (Settlement Period 25)
J1336	Profiled SPM Consumption (Settlement Period 26)
J1337	Profiled SPM Consumption (Settlement Period 27)
J1338	Profiled SPM Consumption (Settlement Period 28)
J1339	Profiled SPM Consumption (Settlement Period 29)
J1340	Profiled SPM Consumption (Settlement Period 30)
J1341	Profiled SPM Consumption (Settlement Period 31)
J1342	Profiled SPM Consumption (Settlement Period 32)
J1343	Profiled SPM Consumption (Settlement Period 33)
J1344	Profiled SPM Consumption (Settlement Period 34)
J1345	Profiled SPM Consumption (Settlement Period 35)
J1346	Profiled SPM Consumption (Settlement Period 36)
J1347	Profiled SPM Consumption (Settlement Period 37)
J1348	Profiled SPM Consumption (Settlement Period 38)
J1349	Profiled SPM Consumption (Settlement Period 39)
J1350	Profiled SPM Consumption (Settlement Period 40)
J1351	Profiled SPM Consumption (Settlement Period 41)
J1352	Profiled SPM Consumption (Settlement Period 42)
J1353	Profiled SPM Consumption (Settlement Period 43)
J1354	Profiled SPM Consumption (Settlement Period 44)
J1355	Profiled SPM Consumption (Settlement Period 45)
J1356	Profiled SPM Consumption (Settlement Period 46)
J1357	Profiled SPM Consumption (Settlement Period 47)
J1358	Profiled SPM Consumption (Settlement Period 48)
J1359	Profiled SPM Consumption (Settlement Period 49)
J1360	Profiled SPM Consumption (Settlement Period 50)
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0190	SPM Default EAC MSID Count
J0153	SPM Total AA MSID Count

Reference	Item Name
J1296	SPM Total All EACs
J1195	SPM Total Annualised Advance Report Value
J0150	SPM Total EAC MSID Count
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J0248	Supplier Name
J0078	Time Pattern Regime
J1089	User Name

D0081 data items

Flow Name:	Supplier Half Hourly Demand Report	
Flow Description:	Report for each Supplier containing details of all the half hourly demand for a Supplier by Consumption Component Class. This will include the profiled and actual demand.	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J1200	Aggregated Supplier Consumption Report Value
J1201	Aggregated Supplier Line Loss Report Value
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0193	Corrected Supplier Consumption
J0256	Corrected Supplier Line Loss
J0894	Daily CCC Aggregated Supplier Consumption
J0895	Daily CCC Aggregated Supplier Line Loss
J0896	Daily CCC Corrected Supplier Consumption
J0897	Daily CCC Corrected Supplier Line Loss
J0900	Daily DA Aggregated Supplier Consumption
J0901	Daily DA Aggregated Supplier Line Loss
J1120	Daily DA HH MSID Count
J0163	Data Aggregation Type
J0241	Data Aggregator HH MSID Count
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J1104	GSP Group
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description

Reference	Item Name
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0084	Supplier Id
J0248	Supplier Name
J1089	User Name

D0082 data items

Flow Name:	Supplier - Supplier Purchase Matrix Report	
Flow Description:	A report for each Supplier per GSP Group containing the details of the Supplier Purchase Matrix rows used in the calculation of a settlement run.	
Flow Ownership:	BSC	
From	To	Version
SVAA	Supplier	6.0

Data Items:

Reference	Item Name
J0259	Data Aggregation Run Number
J0163	Data Aggregation Type
J0183	Data Aggregator Id
J0271	Data Aggregator Name
J0189	Distributor Id
J1104	GSP Group
J0066	GSP Group Id
J0269	GSP Group Name
J0147	Line Loss Factor Class Id
J0071	Profile Class Id
J1090	Report Parameters
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0190	SPM Default EAC MSID Count
J0191	SPM Default Unmetered MSID Count
J0153	SPM Total AA MSID Count
J1195	SPM Total Annualised Advance Report Value
J0150	SPM Total EAC MSID Count
J1196	SPM Total EAC Report Value
J1198	SPM Total Unmetered Consumption Report Value
J0152	SPM Total Unmetered MSID Count
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0076	Standard Settlement Configuration Id
J0084	Supplier Id
J0248	Supplier Name
J0078	Time Pattern Regime
J1089	User Name

D0276 data items

Flow Name:	GSP Group Consumption Totals Report
Flow Description:	Report of consumption component class totals for each GSP group.
Flow Ownership:	BSC

From	To	Version
SVAA	Supplier	9.0

Data Items:

Reference	Item Name
J0161	AA/EAC Indicator
J0020	Actual/Estimated Indicator
J0160	Consumption Component Class Id
J0162	Consumption Component Indicator
J0163	Data Aggregation Type
J0165	GSP Group Correction Scaling Factor
J0066	GSP Group Id
J0269	GSP Group Name
J0103	Measurement Quantity Id
J0164	Metered/Unmetered Indicator
J1087	Run Number
J1086	Run Type Code
J0146	Settlement Code
J0882	Settlement Code Description
J0073	Settlement Date
J0074	Settlement Period Id
J0167	Settlement Period Label
J0195	SSR Run Date
J0196	SSR Run Number
J0197	SSR Run Type Id
J0084	Supplier Id
J0248	Supplier Name
J1565	Total CCC Aggregated Supplier Consumption
J1566	Total CCC Aggregated Supplier Line Loss
J1567	Total CCC Corrected Supplier Consumption
J1568	Total CCC Corrected Supplier Line Loss
J1705	Total CCC MSID Count

D0362 data items

D00362 'CFD Supplier Invoice Backing Data' flow will be created under DTC CP3448. The data items included in this flow can be found on the MRASCO website:

http://www.mrasco.com/staticfiles/document_download.php?document_id=3525&session=3m4j2hco4rji1n1tr2e5j4mju1