

# DCUSA Request For Information (RFI)

## DCP 428

### Zero REP-002/A Data

**Date raised:** 25 August 2023

**Proposer Name:** Peter Waymont

**Company Name:** Eastern Power Networks

**Company Category:** DNO

#### Purpose of this Request For Information:

This document is a Request for Information (RFI) and is issued on behalf of the DCP 428 Working Group seeking Parties views on three questions related to DCP 428 'Zero REP-002/A Data'.



This document is a RFI issued to DCUSA Parties seeking views on DCP 428. Parties are invited to consider the questions set in section 10 and submit comments using the form attached as Attachment 1 to [dcusa@electralink.co.uk](mailto:dcusa@electralink.co.uk) by **29 January 2024**.

The Working Group will consider the RFI responses and determine the appropriate next steps for the progression of the Change Proposal (CP).



#### Impacted Parties:

Suppliers / DNOs / IDNOs



#### Impacted Clauses:

Potential impacts on Clauses 21, 23, 44, 46 and Schedule 19.

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Any questions?



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## 1. Summary

- 1.1 At present, existing flows D0242/D0315 (Supercustomer DUoS Daily Statement/Embedded Network Supercustomer DUoS Daily Statement) are created by Distributors following the processing of the D0030/D0314 (Aggregated DUoS Report/Non Half Hourly Embedded Network DUoS Report) data flows. The aggregated consumption data is presented on the D0030/D0314 flows by Standard Settlement Configurations (SSCs) and Time Pattern Regimes. This structure is picked up in the D0242/D0315. The aggregated consumption is converted to DUoS charges which are presented on these flows to Suppliers and Embedded Networks.
- 1.2 From the point of MHHS Transition Go-Live the Distributors will continue to receive the D0030/D0314 Supercustomer DUoS data flows from the SVAA for non-migrated NHH MPANs in Measurement Classes A, B, F and G. They will also receive the REP-002A 'Embedded Network report for DUoS – aggregated data' and the REP-002B 'LDSO report for DUoS – aggregated data' reports over the DIP, in respect of all migrated MPANs, from the SVAA.
- 1.3 Similarly, any Suppliers who are qualified participants with the correct role type should expect to receive an REP-002 'Supplier report for DUoS – aggregated data' (currently the D0030 flow) for each LDNO, even where they didn't have any registered and energised MHHS MPANs for a given settlement date.
- 1.4 In cases where a Supplier who is a qualified participant with the correct role type didn't have any registered and energised MHHS MPANs, it was confirmed that the REP-002 and REP-002B reports (and presumably REP-002A report) would contain the following records:
  - S0 – Transactional Info
  - R027 – Distributor Id - Repeated For each Distributor Id as Required
  - R013 – GSP Group - Repeated For each GSP Group Id as Required
  - R007 – Settlement Run Execution
  - R002 – Settlement Run Info
  - R009 – Supplier MPID (REP-002) or R006 – Embedded LDSO Id (REP-002A)
- 1.5 The same reports would not include the following:
  - R010 – Tariff Characteristics
  - R011 – Consumption data by Settlement Period
  - R0105 – Daily volumes on Actuals or Estimates
- 1.6 According to the confirmation provided by the MHHS Programme, this new process means that each Supplier who is a qualified participant with the correct role type (even if they are not yet a DCUSA Party) will be issued with an REP-002 report for each LDNO. Where the Supplier didn't have any registered and energised MHHS MPANs for a given settlement date, then they would receive empty/blank REP-002 reports (i.e., excluding the items in the bullet points under paragraph 1.5 above) and LDNOs will receive the same information in their single REP-002B reports for any such Suppliers.
- 1.7 This gives rise to a question of whether or not LDNOs should issue the new REP901 'Aggregated DUoS Charges' for the purposes of issuing a Daily Statement (i.e., akin to issuing the existing D0242/D0315 data flow) to those Suppliers/Embedded LDSOs for which the three items listed under paragraph 1.5 are missing. Further to this, the next question is whether a zero value invoice should also then be sent to any such Suppliers.

## 2 Governance

### Requested Next Steps

- 2.1 Following a review of the RFI responses the Working Group will consider whether the original solution (to send the REP-901 for all suppliers/Embedded LDSOs and to follow those up with a zero invoice) should stand or whether a different approach might need to be considered.

## 3 Additional Background

### Background of DCP 428

- 3.1 The issue which DCP 428 is seeking to address was initially discussed in the Standing Issues Group (SIG) after an issue was raised by the proposer to gather some initial feedback prior to raising the change. The SIG issued an RFI seeking responses to some questions and it was following a review of those responses that it was agreed that a Change Proposal would be raised.
- 3.2 DCP 428 was raised so as to add the required clarification to the DCUSA to specify how Parties should deal with blank data in the supercustomer/aggregated billing messages, including data for site specific DuoS Tariff IDs when sending daily statements or raising invoices. The Working Group agreed to issue a consultation, seeking feedback on the original solution.
- 3.3 The original solution was to amend the DCUSA to make it clear that zero value statements and invoices will be issued. It will also require the User to notify the Company that zero sum invoices should be cleared down. Where the User does not do this, the Company will incur costs is pursuing the User for clarity on next steps and so admin fees may be payable. It was noted Distributors being able to pursue the admin fee would be an entitlement but is not mandatory.
- 3.4 In both the RFI issued by the SIG and the consultation issued by the DCP 428 Working Group there were minimal responses provided by Supplier Parties. Therefore, the Working Group don't know how Suppliers wish for these new flows/reports to be treated.

### Background to new DIP flows/reports

- 3.5 The below are extracts from the 'MHHSP - ERI011B - ECS Reports - External v5.5' spreadsheet and which indicate that the REP-002/A/B reports are replacements of the D0030 and D0314 data flows and are effectively equivalent to the current Supercustomer DUoS Reports.

|                      |  |
|----------------------|--|
| Report ID            | <b>MHHS-REP-002</b>  |
| Report Name          | <b>Supplier report for DUoS – aggregated data</b>  |
| Previous Flow/Report | <b>Replacement of D0030</b>  |
| Prev WG Ref          | <b>MHHS-IF-115 or MHHS-IF-125</b>  |
| Version              | <b>v5.1</b>  |
| From Parties         | Market-wide Data Service   |
| To Parties           | Suppliers  |
| Description          | The report provides aggregated Distribution Use of Systems data for Suppliers in Clock Time. |

|                      |   |
|----------------------|---|
| Report ID            | <b>MHHS-REP-002A</b>                                      |
| Report Name          | <b>Embedded Network report for DUoS – aggregated data</b> |
| Previous Flow/Report | <b>Replacement of D0314</b>                               |
| Prev WG Ref          | <b>MHHS-IF-120</b>  |

|              |  |
|--------------|--|
| Version      | <b>v5.1</b>  |
| From Parties | Market-wide Data Service   |
| To Parties   | Licensed Distribution System Operators   |
| Description  | The report provides aggregated Distribution Use of System data for Embedded Networks to LDSOs in Clock Time. |

|                      |   |
|----------------------|---|
| Report ID            | <b>MHHS-REP-002B</b>  |
| Report Name          | <b>LDSO report for DUoS – aggregated data</b>   |
| Previous Flow/Report | <b>Replacement of D0030</b>   |
| Prev WG Ref          | <b>MHHS-IF-115 or MHHS-IF-125</b>   |
| Version              | <b>v5.1</b>   |
| From Parties         | Market-wide Data Service  |
| To Parties           | Licensed Distribution System Operators  |
| Description          | The report provides aggregated Distribution Use of Systems data for LDSOs or Suppliers in Clock Time. |

3.6 When MHHS comes into effect (and during the migration phase) the existing data flow used for the purposes of issuing Daily Statement (the D0242 data flow) will be replaced by the new REP-901 report. This can be found in the 'MHHS - ERI011B - ECS Reports - External v5.5' spreadsheet published on the MHHS Programme website and an overview of the new report is provided below for reference:

|                      |   |
|----------------------|---|
| Report ID            | <b>REP-901 Aggregated DUoS Charges</b>                              |
| Report Name          | <b>Aggregated DUoS Charges</b>                                      |
| Previous Flow/Report | <b>none in open governance</b>                                      |
| Prev WG Ref          | -   |
| Version              | -   |
| From Parties         | Licensed Distribution System Operators                              |
| To Parties           | Suppliers   |
| Description          | Aggregated duos charges derived from REP-002 for invoice validation |

3.7 An example of the full MHHS-REP-002 report specification has been included below, where the use of red shading shows which items would not be included where a Supplier didn't have any registered and energised MPANs for a LDNO and has been provided for reference in case it is useful to visualise:

|                      |  |
|----------------------|--|
| Report ID            | MHHS-REP-002                               |
| Report Name          | Supplier report for DUoS – aggregated data |
| Previous Flow/Report | Replacement of D0030                       |
| Prev WG Ref          | MHHS-IF-115 or MHHS-IF-125                 |
| Version              | v5.1                                       |
| From Parties         | Market-wide Data Service                   |
| To Parties           | Suppliers                                  |

Description: The report provides aggregated Distribution Use of Systems data for Suppliers in Clock Time.

| Event Code(s) / Conditions | Always Routing | Primary Routing | Secondary Routing | Correlation ID Required |
|----------------------------|----------------|-----------------|-------------------|-------------------------|
| [DUoSSupplierAggData]      | -              | Supplier        |                   | No                      |

**Report Data Item Definition**

| MHSP Data Item ID   | Data Item                                  | Description  | Item Owner           | MHSP Data Type | SVA Data Type   | M,C,O | Population Notes   |
|---|--|--|----------------------|----------------|-----------------|-------|--|
| <b>S0- Transactional Info (Mandatory)</b>   |  |  |                      |                |                 |       |  |
| DI-000  | Interface Id                               | Interface Id   | Sending Party        | DT-000         | String 8        | M     | REP-002  |
| DI-992  | Schema Version                             | The Schema Version against which the message has been constructed  | Sending Party        |                | String 3        | M     | nnn  |
| DI-999  | Event Code                                 | Code used to identify the nature of the Event  | Sending Party        | DT-004         | String 50       | M     | [DUoSSupplierAggData]  |
| S1 - Sender Info (Mandatory)  |  |  |                      |                |                 |       |  |
| D0- Transactional Info - DIP Set (Added by DIP - Mandatory)   |  |  |                      |                |                 |       |  |
| A0 - Addressing (Optional for non-Primary Routing)  |  |  |                      |                |                 |       |  |
| <b>R007 - Settlement Run Execution (Mandatory)</b>  |  |  |                      |                |                 |       |  |
| DI-159  | Settlement Run Execution Date              | Date/Time at which Settlement Run was Executed   | BSC                  | DT-003         | String 25       | M     | Execution calendar date of the MDS run   |
| <b>R002 - Settlement Run Info (this report refers to one Settlement Date and one Settlement Code e.g SF, R1, RF)</b>      |  |  |                      |                |                 |       |  |
| DI-305  | Settlement Date                            | The date on which energy is deemed to be used and must be later settled through BSC initial settlement / reconciliation. Also known as the Trading Day.                          | BSC                  | DT-021         | String 10       | M     | YYYY-MM-DD<br>Use DT-021 DATE as defined in design artefact E2E003 - physical interface specification  |
| DI-160  | Settlement Code                            | A code which, together with the Settlement Date, identifies a Settlement published in the Settlement Timetable. It identifies the type of Settlement.                            | BSC                  | n/a            | String 2        | M     | SF Final Initial Settlement<br>R1 First Reconciliation<br>R2 Second Reconciliation (Transition)<br>R3 Third Reconciliation (Transition)<br>RF Final Reconciliation<br>DR Dispute<br>DF Final Dispute |
| DI-161  | Run Number                                 | The identifier, unique within an Agent system, which identifies a run of that system.  | BSC                  | n/a            | NUM(7)          | M     |  |
| <b>R009 - Supplier MPID</b>   |  |  |                      |                |                 |       |  |
| DI-495  | Supplier MPID                              | The Market Participant Id for the Supplier as defined in ISD   | BSC                  | n/a            | String 4        | M     | [DUoSSupplierAggData] = This is for a single Supplier  |
| <b>&gt; R027 - Distributor Id - Repeated For each Distributor Id as Required (Mandatory)</b>                              |  |  |                      |                |                 |       |  |
| DI-029  | Distributor Id                             | The market-wide unique reference for the distributor who is responsible for the distribution network that a metering point is connected to.                                      | Registration Service | n/a            | String 4        | M     |  |
| <b>&gt;&gt; R013 - GSP Group - Repeated For each GSP Group Id as Required (Mandatory)</b>                                 |  |  |                      |                |                 |       |  |
| DI-037  | GSP Group Id                               | Identifies the distinct grid supply point group (physical region of the country) where the metering point is located.  | DNO                  | n/a            | String 2        | M     |  |
| <b>&gt;&gt;&gt; R010 - Tariff Characteristics (Repeated for each combination of Values) parent is R013</b>                |  |  |                      |                |                 |       |  |
| DI-345  | DUoS Tariff Id                             | Reference to identify the DUoS Tariff assigned to an MPAN.   | Registration Service | n/a            | String 3        | M     | This is repeated for each Supplier Id by each DUoS Tariff Id. Replaces LLFC ID   |
| DI-485  | DUoS Tariff Energy Direction               | A flag that indicates if the DUoS Tariff is for import or export.  | Registration Service | n/a            | String 1        | M     | I=Import / E=Export  |
| DI-486  | DUoS Tariff Domestic Premise Indicator     | A flag that indicates if the DUoS Tariff is for domestic premises.   | Registration Service | n/a            | BOOLEAN         | M     | T= True (Domestic)<br>F= False (Non-Domestic)  |
| <b>&gt;&gt;&gt;&gt; R011 - Consumption data by Settlement Period (Repeated for each Settlement Period) parent is R010</b> |  |  |                      |                |                 |       |  |
| DI-496  | Settlement Period                          | The reference number for a Settlement Period, unique within Settlement Date. Settlement Period reference numbers are assigned sequentially to each period in the local time day. | BSC                  | n/a            | INT(3)          | M     | -  |
| DI-484  | Settlement Period Duration                 | The settlement period duration in minutes.   | BSC                  | n/a            | INT(2)          | M     | e.g. 30 or 15  |
| DI-347  | Total Uncorrected Volume                   | The Total energy, before GSP Group Correction, summed for a Supplier, within a GSP Group, split by Tariff Characteristics, and Settlement Period.                                |                      | DT-022         | String 17(±9.6) | M     |  |
| DI-487  | Total Number Energised MPANs               | The Total number of Energised MPANs by Settlement Period.  |                      | n/a            | INT(10)         | M     |  |
| DI-488  | Total Number De-Energised MPANs            | The Total number of De-Energised MPANs by Settlement Period.   |                      | n/a            | INT(10)         | M     |  |
| <b>&gt;&gt;&gt;&gt;&gt; R0105 - Daily volumes on Actuals or Estimates - parent is R010</b>                                |  |  |                      |                |                 |       |  |
| DI-489  | Daily total volume based on Actual Data    | The Daily total volume of MPANs with 'A' flagged Settlement Period Consumption   |                      | DT-022         | String 17(±9.6) | M     | As described in the VAS Method Statement, Actual Settlement Period Quality Indicators are as follows: A / A1 / A2 / A3 / AAE1 / AAE2 / AAE3 / E2 / E6  |
| DI-490  | Daily total volume based on Estimated Data | The Daily total Consumption Volume of MPANs not with 'A' flagged Settlement Period Consumption   |                      | DT-022         | String 17(±9.6) | M     | As described in the VAS Method Statement, Estimated data are All Settlement Period Quality Indicators flagged but not: A, A1, A2, A3, AAE1, AAE2, AAE3, E2 or E6                                     |

- 3.8 According to the confirmation provided by the MHHS Programme, this new process means that each Supplier who is a qualified participant with the correct role type (even if they are not yet a DCUSA Party) will be issued with an empty/blank REP-002 report or included within the REP-002B report (currently the D0030 flow) for each LDNO, even where the Supplier didn't have any registered and energised MHHS MPANs for a given settlement date. This gives rise to a question of whether or not LDNOs should issue daily statement (via the new "REP-901" report) and invoices for aggregated billing for MHHS migrated customers.

## 4 Working Group Request For Information

- 4.1 Following their review of the consultation responses the Working Group came to the realisation that it would be worth understanding whether parties would support a process whereby no invoice is issued if the value would be zero. It was noted that this was an argument put forward in responses to the Working Group's consultation but would essentially need Suppliers to confirm that the receipt of Daily Statements is sufficient for Suppliers, given that there will be an additional burden of issuing a zero value invoice placed on distributors, should there be a desire from Suppliers to receive them.
- 4.2 It should be noted that the Working Group view is that if settlement data sums to zero charges, then the daily statement will have already shown that and should be sent (including for site-specific only Suppliers). However, a zero value statement based on settlement data that nets off to zero may not give rise to a zero value invoice due to the number of days and reconciliations included in aggregated DUoS invoices.
- 4.3 Further to the above, it was also considered beneficial to better understand and quantify the likely volume of any zero value invoices that would be created.
- 4.4 Therefore, the Working Group agreed to draft and then issue a short RFI to obtain responses to some questions which would hopefully answer the two points above.
- 4.5 Regarding the suggestion to not issue invoices to Suppliers for zero values given the extra burden that would place on Distributors both in sending but also potentially on one or another Party then clearing down (i.e., by either Distributors or Suppliers) the group formulated the below question:

**Question 1: For Suppliers, if an invoice were to total to £0, then in your view is there any point in an invoice being sent at all?**

**Question 2: For Distributors, if your system creates zero value invoices, then do you send them?**

- If so, how many zero value invoices have you issued in the last 12 months?**

- 4.6 To determine the likely volume of blank/zero daily statements that would be created, the Working Group formulated the below question:

**Question 3: For Distributors, how many Supplier MPIDs currently get daily 'Supercustomer' statements compared to the total number of open Supplier MPIDs that exist in MDD?**

## 5 RFI Questions

5.1 The Working Group is seeking industry views on the following RFI questions:

| Question Number | Question   |
|-----------------|--|
| 1               | For Suppliers, if an invoice were to total to £0, then in your view is there any point in an invoice being sent at all?  |
| 2               | For Distributors, if your system creates zero value invoices, then do you send them?<br>• If so, how many zero value invoices have you issued in the last 12 months? |
| 3               | For Distributors, how many Supplier MPIDs currently get daily 'Supercustomer' statements compared to the total number of open Supplier MPIDs that exist in MDD?      |

5.2 Responses should be submitted using Attachment 1 to [dcusa@electralink.co.uk](mailto:dcusa@electralink.co.uk) no later than, **Monday, 29 January 2024**.

5.3 Responses, or any part thereof, can be provided in confidence. Parties are asked to clearly indicate any parts of a response that are to be treated confidentially.

### Attachments

- Attachment 1 – Response Form
- Attachment 2 – DCP 428 Consultation and Responses