

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 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 'MHHS - 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	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.

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

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

Report ID	MHHS-REP-002B
Report Name	LDSO 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	Licenced 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	REP-901 Aggregated DUoS Charges
Report Name	Aggregated DUoS Charges
Previous Flow/Report	none in open governance
Prev WG Ref	-
Version	-
From Parties	Licenced 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.																
Routing Rules	<table><tr><th>Event Code(s) / Conditions</th><th>Always Routing</th><th>Primary Routing</th><th>Secondary Routing</th><th>Correlation ID Required</th></tr><tr><td>[DUoSSupplierAggData]</td><td>-</td><td>Supplier</td><td></td><td>No</td></tr></table>							Event Code(s) / Conditions	Always Routing	Primary Routing	Secondary Routing	Correlation ID Required	[DUoSSupplierAggData]	-	Supplier		No
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										
S0- Transactional Info (Mandatory)																	
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)																	
R007 - Settlement Run Execution (Mandatory)																	
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										
R002 - Settlement Run Info (this report refers to one Settlement Date and one Settlement Code e.g SF, R1, RF)																	
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 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 R1 First Reconciliation R2 Second Reconciliation (Transition) R3 Third Reconciliation (Transition) RF Final Reconciliation DR Dispute 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											
R009 - Supplier MPID																	
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										
> R027 - Distributor Id - Repeated For each Distributor Id as Required (Mandatory)																	
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											
>> R013 - GSP Group - Repeated For each GSP Group Id as Required (Mandatory)																	
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											
>>> R010 - Tariff Characteristics (Repeated for each combination of Values) parent is R013																	
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) F= False (Non-Domestic)										
>>>> R011 – Consumption data by Settlement Period (Repeated for each Settlement Period) parent is R010																	
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											
>>>> R0105 - Daily volumes on Actuals or Estimates - parent is R010																	
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? • 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 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