









DCUSA Change Proposal (DCP)		At what stage is this document in the process?
<h1>DCP 415:</h1> <h2>Replacement of D0242/D0315 for MHHS</h2> <p>Date Raised: 10/11/22</p> <p>Proposer Name: Peter Waymont</p> <p>Company Name: Eastern Power Networks</p> <p>Party Category: DNO</p>	01 – Change Proposal	
	02 – Consultation	
	03 – Change Report	
	04 – Change Declaration	
<p>Purpose of Change Proposal:</p> <p>To create a new DCUSA owned DIP data message for supercustomer billing statements using MHHS data</p>		
	<p>Governance:</p> <p>The Proposer recommends that this Change Proposal should be:</p> <ul style="list-style-type: none"> • Treated as a Part 2 Matter • Treated as a Standard Change • Progressed to the Working Group phase <p>The Panel will consider the proposer's recommendation and determine the appropriate route.</p>	
	<p>Impacted Parties:</p> <p>Suppliers/DNOs/IDNOs</p>	
	<p>Impacted Clauses:</p> <p>Section 1A – Clause 1. DEFINITIONS AND INTERPRETATION;</p> <p>Section 2A – Clause 19. CHARGES;</p> <p>SCHEDULE 16 - COMMON DISTRIBUTION CHARGING METHODOLOGY;</p> <p>SCHEDULE 21 - PORTFOLIO BILLING FOR NESTED NETWORKS</p>	

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Indicative Timeline		 DCUSA@electralink.co.uk
The Secretariat recommends the following timetable:		 020 7432 3011
Initial Assessment Report	16 November 2022	Proposer:
Consultation Issued to Industry Participants	January 2023	Peter Waymont
Change Report Approved by Panel	15 March 2023	 peter.waymont@ukpowernetworks.co.uk
Change Report issued for Voting	17 March 2023	 07875 112757
Party Voting Closes	07 April 2023	
Change Declaration Issued to Parties	11 April 2023	
[Change Declaration Issued to Authority]	11 April 2023	
[Authority Decision]	TBC	

1 Summary

What?

- 1.1 A new flow needs to be introduced for supercustomer statements in the post Market-Wide Half-Hourly Settlement (MHHS) environment.

Why?

- 1.2 MHHS introduces new data flows using the Data Integration Platform (DIP) and JavaScript Object Notation (JSON) format, including for the supercustomer data from settlement. There will be removal of certain data items used in the current process, making population of the D0242 'Supercustomer DUoS Daily Statement'/D0315 'Embedded Network Supercustomer DUoS Daily Statement' impossible in their current format.

How?

- 1.3 By introducing a new DIP flow in JSON format, to be sent in place of the D0242/D0315 for informing counterparties of Distribution Use of System (DUoS) billing outcomes based on settlement data from MHHS.

2 Governance

Justification for Part 1 and Part 2 Matter

It is considered that this is a Part 2 matter as it does not meet the criteria for Part 1.

Requested Next Steps

- 2.1 This Change Proposal should:
 - Be treated as a Part 2 Matter;
 - Be treated as a Standard Change; and
 - Proceed to the Working Group phase.
- 2.2 While this change has an element of timeliness due to the MHHS programme it is not considered to need to be fast-tracked.

3 Why Change?

- 3.1 The change is required in order to continue to operate the supercustomer DUoS process in the MHHS environment.

- 3.2 We have included a straw man DIP flow structure as an attachment. We have called this REP-242 for the time being. There are a number of considerations for the working group. The straw man displays daily total Metering System Identifier (MSID) charges and daily total volume charges for each DUoS Tariff ID. We have not split these out for each HH period and this might need to be reconsidered for MSID charges if de-energisations or disconnections can happen in “real” time rather than the current process of them being deemed to occur at midnight. We also have not split out volume charges into individual rates. Each DUoS tariff could be broken down into three volume components, from red, amber, green, yellow & black. That would add the opportunity to include the rates so the recipient sees volume, rate, charge, rather than just daily total volumes and charges for each DUoS Tariff. If rates are useful for volume charges then they could be added for MSID charges too, subject to the time limitations mentioned above.

4 Solution and Legal Text

Legal Text

- 4.1 Add new definition of “**MHHS**” means market wide half-hourly settlement
- 4.2 Add new definition of “**DUoS Tariff ID**” means that object as described in the MHHS Interface Catalogue
- 4.3 Amend definition as shown .

Daily Statement means a statement based on the Supercustomer DUoS Report and providing the data items set out in the D0242 data flow / market message **for non-MHHS customers and the [REP-242] for MHHS customers** as amended from time to time in accordance with the provisions of the Retail Energy Code.

Text Commentary

- 4.4 The text recognises that during transition it is expected that both the D0242 will be required for non-migrated customers and the new flow will be required for migrated customers.
- 4.5 Also note there are related MHHS consequential changes as follows (may not be exhaustive) but it is unclear if these will be picked up by the wider cross code aspects of the programme -

Supercustomer DUoS Report means a report of profiled data by Settlement Class providing the data items set out in the D0030 data flow / market message **for non-MHHS customers and the REP-002 for MHHS customers** (as amended from time to time in accordance with the provisions of the Retail Energy Code).

Clause 19 -

19.5 Subject to Clauses 19.4A and 19.4B, the Company shall invoice Use of System Charges (but excluding any Transactional Charges) payable by or to the User by reference to Settlement Class or DUoS Tariff ID using aggregated data obtained from the Supercustomer DUoS Report, except in relation to Metering Points or Metering Systems where:

....

19.5.3 the Use of System Charge is specified in the Relevant Charging Statement as not being billed by ~~Settlement Class on an aggregated basis~~; and/or

Schedule 16 –

128. For MPANs that are to be charged on an aggregated basis (as further described in Paragraph 132C), Use of System Charges will be via the Supercustomer approach which for non-MHHS customers uses data from the D0030 industry data flow and is based on Settlements Classes comprising:

- (a) Line Loss Factor Class (LLFC);
- (b) Profile Class (PC);
- (c) Standard Settlement Configuration (SSC); and
- (d) Time Pattern Regime (TPR)

and for MHHS customers uses data from the REP-002 industry data flow and is based on DUoS Tariff ID.

140A. Use of System Charges for aggregated settled unmetered demand MPANs (Measurement Class B) will be via the Supercustomer approach which for non-MHHS customers uses data from the D0030 industry data flow and is based on Settlement Classes and for MHHS Customers uses data from the REP-002 industry data flow and is based on DUoS Tariff ID.

Supercustomer in relation to billing, is billing ~~by Settlement Class~~ using aggregated data.

Schedule 21 –

2.3

(f) for each Settlement Run the:

- (i) Settlement Class (comprising Line Loss Factor Class Id, Profile Class, Standard Settlement Configuration Id and the Time Pattern Regime) *or DUoS Tariff ID*;
- (ii) Settlement Class MSiD Count *or [Total Daily Number of MSiDs], as applicable* (for each Primary NDNO); and
- (iii) Settlement Class Unit Count *or [Total Daily Uncorrected Volume], as applicable* (this being the average number of units for that Settlement Class *or DUoS Tariff ID, as applicable* multiplied by the Settlement Class MSiD Count *or [Total Daily Number of MSiDs], as applicable, for each Primary NDNO*);

5 Code Specific Matters

Reference Documents

5.1 Attachment 1 – straw man flow structure.

6 Relevant Objectives

	DCUSA General Objectives	Identified impact
<input checked="" type="checkbox"/>	1. The development, maintenance and operation by the DNO Parties and IDNO Parties of efficient, co-ordinated, and economical Distribution Networks	Positive
<input type="checkbox"/>	2. The facilitation of effective competition in the generation and supply of electricity and (so far as is consistent therewith) the promotion of such competition in the sale, distribution and purchase of electricity	None
<input type="checkbox"/>	3. The efficient discharge by the DNO Parties and IDNO Parties of obligations imposed upon them in their Distribution Licences	None
<input checked="" type="checkbox"/>	4. The promotion of efficiency in the implementation and administration of the DCUSA	Positive
<input type="checkbox"/>	5. Compliance with the EU Internal Market Regulation and any relevant legally binding decisions of the European Commission and/or the Agency for the Co-operation of Energy Regulators.	None

6.1 Objective 1 - The ability to charge DUoS in a governed process enables the Distributors to recover their revenue and hence maintain the network. Objective 4 - Moving the processes into the post MHHS environment enhances the efficiency of processes administrated under the DCUSA.

7 Impacts & Other Considerations

7.1 This potentially impacts REC and BSC, this should be raised and discussed at the Cross Code Steering Group.

Does this Change Proposal impact a Significant Code Review (SCR) or other significant industry change projects, if so, how?

7.2 MHHS Programme

Does this Change Proposal Impact Other Codes?

BSC.....	<input checked="" type="checkbox"/>	MRA.....	<input type="checkbox"/>
CUSC.....	<input type="checkbox"/>	SEC.....	<input type="checkbox"/>
Grid Code.....	<input type="checkbox"/>	REC.....	<input checked="" type="checkbox"/>
Distribution Code..	<input type="checkbox"/>	None.....	<input type="checkbox"/>

Consideration of Wider Industry Impacts

7.3 The MHHS discussions have recognised the need for this flow but have not dived deeper at this time as it is “owned” by DCUSA.

Confidentiality

7.4 none.

8 Implementation

Proposed Implementation Date

8.1 In readiness for start of MHHS migration for the legal text. New flow to be ready for any required testing in advance of this.

9 Recommendations

The Code Administrator will provide a summary of any recommendations/determinations provided by the Panel in considering the initial Change Proposal. This will form part of a Final Change Report.