RETAIL ENERGY CODE

This document is classified as **WHITE**.
Information is for public, unrestricted dissemination and publication.

REC ISSUE SUBMISSION FORM (COPY)

1 PERSONAL DETAILS

PROPOSER NAME *(Mandatory)*	Daniel Tadecicco
COMPANY *(Optional)*	St Clements Services (MPRS)
COMPANY TYPE *(Optional)*	
TELEPHONE NUMBER *(Optional)*	
EMAIL ADDRESS *(Mandatory)*	daniel.tadecicco@st-clements.co.uk

2 ISSUE SUMMARY

ISSUE TITLE *(Mandatory)*	Improved Validation for DI51599 - Electricity Smart Meter Equipment (ESME ID)
WHAT IS THE ISSUE YOU ARE SEEKING TO SOLVE? *(Mandatory)*	A DNO has raised an issue with the ESME ID data stored in MPRS. Some of the ESMEs are passing MPRS basic validation but are being rejected by the proposed Metering Service preventing a change of service (Rejection of IF-033 with IF-035 Response R). Basic REC R032 Validation on IF-005/D0312: XX-XX-XX-XX-XX-XX-XX-XX (0-9, A-Z)
WHAT IMPACT IS THIS HAVING? *(Mandatory)*	Preventing Metering Services from accepting IF-033 appointment requests due to an invalid ESME. Requires the currently appointed Metering Service to correct the data via an IF-005. EES is displaying invalid ESME IDs.
WHAT DO YOU CONSIDER TO BE AN EFFECTIVE SOLUTION? *(Mandatory)*	The minimum requirement would be to implement a regex for DI51599 in EDMS and the DIP Schema (DI-085-ESME-GUID): Proposed Minimum Validation REGEX for a valid DCC GUID: ^[0-9A-Fa-f]{2}(-[0-9A-Fa-f]{2}){7}$ MPRS can be enhanced to adopt the validation performed by Smart DCC where an ESME is

	made up of three components: Organisation Unique Identifier Manufacture Model or Device Type Unique Serial Number The ESME would need to be validated against a standing data set provided to MPRS
IS THERE ANY BACKGROUND INFORMATION OR CONTEXT TO THE ISSUE THAT WOULD BE USEFUL? *(Optional)*	
DOES THIS ISSUE RELATE TO AN EXISTING ISSUE RAISED OR AN EXISTING CHANGE PROPOSAL? IF SO, PLEASE PROVIDE DETAILS OF THE ISSUE OR CHANGE PROPOSAL.	

3 CONSUMER IMPACTS

WHICH CONSUMER TYPES WILL BE IMPACTED BY THIS ISSUE? *(Mandatory)*	☐ All ☒ Electricity ☐ Gas ☐ Domestic Prepayment ☐ Domestic Credit ☐ Microbusiness ☐ Small and Medium Enterprise (SME) ☐ Industrial and Commercial (I&C) ☐ Other (please specify in the Additional information box below)
WHAT IMPACT WILL THIS ISSUE HAVE FOR THESE CONSUMERS? *(Mandatory)*	☒ Switching experience ☐ Billing accuracy ☐ Trust and confidence ☐ Safety ☐ Security of supply ☐ Ability to pay ☐ On site experience ☐ Achieving Net Zero ☐ Other (please provide details in the Additional information box below)

ADDITIONAL INFORMATION *(Optional)*	

DOES THIS ISSUE CONTRIBUTE TO THE ACHIEVEMENT OF NET ZERO? *(Mandatory)*	
ADDITIONAL INFORMATION *(Optional)*	

4 CODE IMPACTS

Does this Issue relate to or impact:

THE REC OR REC SCHEDULES? *(Optional)*	☐ Main Body ☐ Schedule 1 - Interpretations and Definitions Schedule ☐ Schedule 3 - Accession Agreement ☐ Schedule 4 - Company Governance ☐ Schedule 5 - Change Management ☐ Schedule 6 - Performance Assurance ☐ Schedule 7 - Energy Theft Reduction ☐ Schedule 8 - Unbilled Energy Code of Practice ☐ Schedule 9 - Qualification and Maintenance ☐ Schedule 10 - Charging Methodology ☐ Schedule 11 - Prepayment Arrangements ☐ Schedule 12 - Data Access ☐ Schedule 13 - Transfer of Consumer Data ☒Schedule 14 - Metering Operations ☐ Schedule 15 - Metering Accreditation ☐ Schedule 17 - Secure Data Exchange ☐ Schedule 18 - Green Deal Arrangements ☐ Schedule 19 - Market Exit and Supplier of Last Resort ☐ Schedule 22 - Market Stabilisation Charge ☐ Schedule 23 - Registration Services

	☐ Schedule 24 - Switching Data Management ☐ Schedule 25 - Central Switching Service ☐ Schedule 26 - Switching Service Management ☐ Schedule 27 - RMP Lifecycle Schedule ☐ Schedule 28 - Related Metering Points ☐ Schedule 29 - Address Management ☐ Schedule 30 - Resolution of Consumer Facing Switching and Billing Issues ☐ Schedule 31 – Prepayment Method Levelisation Reconciliation ☐ Schedule 32 - Electricity Supply to Hydrogen Electrolysers ☐ Schedule 33 - Non Domestic Change of Occupier ☐ Schedule 34 - Migration Schedule
ADDITIONAL INFORMATION *(Optional)*	

OPERATIONAL DOCUMENTS *(Optional)*	☐ Consolidated Metering Code of Practice (CoMCoP) ☐ Cross Code Steering Group Terms of Reference ☐ Performance Assurance Board Terms of Reference ☐ Performance Assurance Report Catalogue ☐ REC Change Panel Terms of Reference ☐ Smart Meter Installer Domestic Customer Survey ☐ Smart Meter Installer Microbusiness Customer Survey
ADDITIONAL INFORMATION *(Optional)*	

SERVICE SPECIFICATION *(Optional)*	☐ Central Data Service Provider Further Services Service Definition ☐ Central Switching Service Definition ☐ CSS Certificate Authority Service Definition ☐ Electricity Enquiry Service - Service Definition ☐ Electricity Retail Data Service Definition ☐ Gas Enquiry Service Definition ☐ Gas Retail Data Service Definition ☐ Green Deal Database Service Definition

	☐ Secure Data Exchange Service Definition ☐ Switching Operator Service Definition
ADDITIONAL INFORMATION *(Optional)*	

API TECHNICAL SPECIFICATION *(Optional)*	☐ EES API Technical Specification ☐ GES Meter Asset Enquiry API Technical Specification ☐ GES Supply Point Switching API Technical Specification ☐ GES Supply Point Enquiry API Technical Specification
ADDITIONAL INFORMATION *(Optional)*	

THE DATA SPECIFICATION *(Optional)*	☐ Data Access Matrix ☒ Data Item Catalogue ☐ Market Message Catalogue ☐ Standards Definition ☐ Supply Number Format
ADDITIONAL INFORMATION *(Optional)*	DI51599 - Electricity Smart Meter Equipment (ESME ID) MTD Updates to SMRS - MM20035 IF-005

CENTRAL SYSTEMS OR REC SERVICES? *(Optional)*	☐ Central Data Service Provider Further Services ☐ Central Switching Service (CSS) ☐ CSS Certificate Authority ☐ Electricity Enquiry Service ☒ Electricity Retail Data Service ☐ Electricity Theft Tip Off Service ☐ Gas Enquiry Service ☐ Gas Retail Data Service ☐ Green Deal Central Charging Database ☐ Secure Data Exchange Service ☐ Switching Operator
ADDITIONAL INFORMATION *(Optional)*	

REC PARTIES AND/OR MARKET PARTICIPANTS? *(Optional)*	☐ AMR Service Providers ☐ Data Aggregators ☐ Data Collectors ☒ Data Services ☐ Smart Meter Data Retrievers ☒ DCC ☒ Distribution Network Operators ☐ Energy Suppliers ☒ EES Users ☐ Gas Transporters ☐ GDCC Users ☐ GES Users ☐ Green Deal Finance Parties ☐ Green Deal Providers ☐ Meter Asset Providers ☒ Metering Equipment Managers ☐ Shippers ☐ Third Party Intermediaries ☐ Virtual Lead Party ☒ Other (please provide details in the Additional Information box)
ADDITIONAL INFORMATION *(Optional)*	Meter Data Retrieval Agent (MDR)

OTHER INDUSTRY CODES? *(Optional)*	☒ Balancing & Settlement Code (BSC) ☐ Distribution Code Use of System Agreement (DCUSA) ☒ Smart Energy Code (SEC) ☐ Uniform Network Code (UNC) ☐ Independent Gas Transporter Uniform Network Code (IGT UNC) ☐ Data Integration Platform (DIP) Rules
ADDITIONAL INFORMATION *(Optional)*	Possible change BSCP706 to specify the enhanced MPRS validation SEC change to supply the standing data to MPRS & data cleanse for the current ESME ID Data held in EES

DOES THIS ISSUE IMPACT A SIGNIFICANT CODE REVIEW?	No

(Optional)	
ADDITIONAL INFORMATION *(Optional)*	

5 ISSUE PROGRESSION

DO YOU BELIEVE THIS ISSUE PROPOSAL MEETS THE CRITERIA FOR 'URGENCY' AND SHOULD BE PROGRESSED UNDER AN URGENT TIMETABLE? **IF SO, PLEASE PROVIDE JUSTIFICATION?** *(Optional)*	
SDS ALIGNMENT - HOW CLEARLY THE CHANGE SUPPORTS OFGEM'S STRATEGIC DIRECTION STATEMENT AND HELPS DELIVER SDS PRIORITIES/OUTCOMES. *(Mandatory)*	This change supports Ofgem's Strategic Direction Statement by improving the accuracy, completeness and reliability of Smart Meter data, enabling a more digital, efficient and consumer-focused energy system. Improved data quality supports accurate billing, settlement, flexibility services and smart tariffs, aligning particularly with SDS Objectives 14 (Digital Energy System), 13 (Consumer-Focused Flexibility), 12 (Efficient Market Signals) and 2 (High Quality of Service).
IMPORTANCE - THE SIGNIFICANCE OF THE BENEFITS OR RISKS ADDRESSED (E.G., CONSUMER OUTCOMES, COMPLIANCE/LEGAL RISK, SYSTEM/OPERATIONAL IMPACTS, MARKET FAIRNESS). *(Mandatory)*	Accuracy of data improves switching times for Smart Meter Customers
COMPLEXITY/ DELIVERY CONSIDERATIONS - HOW CHALLENGING IT IS TO DEVELOP AND IMPLEMENT (E.G., SCALE OF CHANGE, STAKEHOLDER ENGAGEMENT REQUIRED, SERVICE/SYSTEM IMPACTS, CROSS-CODE	Medium Complexity to add the enhanced validation into MPRS. We would like to avoid IF-005 changes until the D0312 is decommissioned. REGEX change to EMDS and DIP Schema I expect is a low impact that could be implemented sooner, this would not prevent ESME IDs being invalid in the D0312 only the IF-005

DEPENDENCIES, DELIVERY/TESTING RISK). *(Mandatory)*	
ARE THERE ANY REQUIRED TIMESCALES FOR THE DEVELOPMENT OF THIS ISSUE? *(Optional)*	No
ARE THERE ANY REQUIRED TIMESCALES FOR THE IMPLEMENTATION OF THIS ISSUE? *(Optional)*	After M15 so a change does not have to made to the D0312.
ARE YOU AWARE OF ANY DEPENDENCIES ASSOCIATED WITH THIS ISSUE WHICH MAY IMPACT ITS PRIORITY OR PROGRESSION TIMETABLE? *(Optional)*	No

6 ATTACHMENTS

ATTACH/PROVIDE ANY SUPPORTING DOCUMENTS TO BE SUBMITTED WITH THE FORM	