RETAIL ENERGY CODE

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01	Initial Assessment Report
02	Preliminary Change Report
03	Final Change Report

INITIAL ASSESSMENT REPORT

R0062- REMOVAL OF ERDA METERINGPOINTENERGYFLOW CHANGE RESTRICTION

DOCUMENT VERSION	V1.0
DATE ISSUED	26/06/2023
DOCUMENT APPROVAL STATUS	APPROVED

RESPONSIBLE COMMITTEE	CHANGE PANEL	CHANGE PATH	SELF-GOVERNANCE
PRIORITY STATUS	MEDIUM	URGENCY	STANDARD

DEADLINE FOR ALTERNATIVE CHANGE PROPOSALS	08/12/2023

LEAD CHANGE ANALYST



Harriet Truss

Click to send an email

020 3934 8744

CHANGE OVERVIEW

This change looks to remove the restriction on Metering Point Energy Flow corrections, to allow Distribution Network Operators (DNOs) to make more than one change to the Data Item to support data accuracy without detrimental impact to timely corrections and Consumer experience.

	High Impact: n/a
	Medium Impact: Electricity Retail Data Service Providers Distribution Network Operators
	Low Impact: Suppliers

1 BACKGROUND

As part of the Electricity Retail Data Service (ERDS), the Metering Point Registration System (MPRS) currently derives the Metering Point Energy Flow (Data Item DI90033 – meteringPointEnergyFlow) from the MS Specific Line Loss Factor Class (LLFC) Indicator (DI50370), which is an attribute of Line Loss Factor Class.

From June 2023, the energy direction (meteringPointEnergyFlow DI90033) will become an independent Data Item, Metering Point Energy Flow. This is being implemented under the Balancing and Settlement Code (BSC) change CP1558, to support an effective transition to Market-wide Half Hourly Settlement (MHHS).

As part of the Faster Switching Programme Enactment Phase change CR-E37, a restriction was applied to the ERDS so that any Registrable Metering Point (RMP) errors can only be rectified once in the lifetime of an RMP, back to the creation of the RMP recorded in the Effective From Date (EFD) of the RMP. When more than one change is required, a new RMP would need to be created.

The Central Switching Service (CSS) validation enforces the EFD rule, where the Metering Point Energy Flow must be back dated to the original EFD. However, CSS functionality does allow multiple changes to Metering Point Energy Flow.

This change looks to remove the restriction on Metering Point Energy Flow corrections, to allow Distribution Network Operators (DNOs) to make more than one change to the Data Item. This will enable improvements to data accuracy and facilitate cleansing of Metering Point Energy Flow data in ERDS, without requiring a new RMP, ahead of the transition to MHHS.

2 PROBLEM STATEMENT

To maintain accurate values for Settlement, DNOs must make regular changes to the LLFC Indicator in ERDS. Until June 2023, the meteringPointEnergyFlow has been tied to this Data Item, which has sometimes resulted in changes to the energy direction. For example, going from Import to Export. Where errors have been identified, the DNO needs to be able to correct meteringPointEnergyFlow back to the correct value to ensure data accuracy.

The current restriction, to only one change of Energy Direction against an RMP, can be overcome through by terminating the existing RMP and creating a new RMP with the correct Metering Point Energy Flow value. This has a detrimental impact on the Consumer and Settlement. It is inconvenient for the Consumer to be assigned a new MPAN and Settlement relies on an accurate history that will be lost when a new MPAN is assigned.

3 USER STORIES

REF.	USER STORIES
CONSUMER USER STORIES	
C1	As a Consumer, I want any metering data issues to be resolved without the need for a new MPAN to be created, so that I am able to reference my current MPAN in any discussions with my Energy Supplier or other Market Participants
MARKET PARTICIPANT USER STORIES	
M1	As an ERDA, I want to be able to correct the Metering Point Energy Flow Data Item more than once, to remove the need for the termination of RMPs and the creation of new RMPs and to facilitate data accuracy
M2	As an Energy Supplier, I want data issues associated with the Metering Point Energy Flow to be resolved without the need to create a new RMP, so that my Settlement accuracy and performance is not impacted
M3	As an Energy Supplier, I want data issues associated with the Metering Point Energy Flow to be resolved without the need to create a new RMP, so that discussions I have with my customers are not unnecessarily confused by a change in RMP reference
M4	As an impacted Market Participant, I want to ensure good quality underlying data is available to support the transition to MHHS to avoid additional time and effort being spent fixing data quality issues during the migration period

4 IMPACTS

CONSUMERS
Electricity

REC SERVICE PROVIDERS
ERDS Providers

REC DOCUMENTS / PRODUCTS
Schedule 27 – RMP Lifecycle

REC PARTIES AND SERVICE USERS
DNOs
Energy Suppliers

Initial assessment has determined that this change primarily impacts ERDS Providers. It has also been identified that the key update required is to certain MPRS Validation rules, which are user configurable. Currently this is set to '1' for all MPRS users but this can be increased to remove the restriction and allow ERDAs to set it to any value up to the highest allowable value allowed in MPRS, for example '99'. It is expected that this value in MPRS can be altered without requiring a software change.

DNOs are the main REC Parties impacted by this change as the current restrictions are stopping them actioning required corrections unless new RMPs are created.

Electricity Suppliers are also expected to be impacted as this change will affect risks to Settlement that arise from either an incorrect or change in energy direction.

Electricity Consumers are expected to be positively impacted through the change as it will enable more timely resolution of metering data issues and will avoid loss of consistent history in relation to their supply, by maintaining the existing RMP.

Schedule 27 – RMP Lifecycle is the main impacted REC product.

5 CROSS CODE IMPACTS

No impacts have been identified to other industry codes. However, this change is expected to have a direct impact on the MHHS Design baseline, as the existing one time only restriction has been reflected in the MHHS Business Process BP010, MHHSP-BP010-Change of Registration Data. The change itself will support the drive to improved data accuracy in preparation for the migration of MPANs to the new MHHS arrangements.

6 CHANGE PATH AND RESPONSIBLE COMMITTEE

CHANGE PATH	Self-Governance	RESPONSIBLE COMMITTEE	REC Change Panel

The change seeks to amend a restriction that is captured in Schedule 27 - RMP Lifecycle, which is under the responsibility of the Change Panel. The Code Manager therefore considers that the decision on this Change Proposal should be made by them.

This change will follow a Self-Governance Change Path. However, the Code Manager will work closely with the MHHS programme throughout the Change Proposal's progression to ensure that the impact to the MHHS Design and the programme change process are appropriately considered.

7 PRIORITY STATUS AND URGENCY

Category	Significance / Resource impacts / Urgency	Further selection / breakdown	Score (0-3)	Weighting	Weighted Score
Impacts	Consumer Impact	Indirect	1	25	25
	Retail Markets Impact	Retail Risk(s)	1	15	15
	RECCo / REC Party / REC Service Provider Impact	Operational Effectiveness and Efficiencies	1	5	5
		Legal and Regulatory Compliance	0	13	0
Resource	Complexity / Effort / Duration		2	8	15
Strategic Alignment	Contribution to/ Alignment with the objectives of the REC		1	15	8
	Contribution to/ Alignment with RECCo's Forward Work Plan		1		8
Urgency *(The need to progress a change to meet a targeted date)*		Significant Code Reviews	2	20	40
				Overall Priority Score (rounded)	115

Priority Status	MEDIUM
Change Proposal Type	STANDARD

The priority status for this Change Proposal is 'Medium' based on a weighted prioritisation score of 115. This is broken down as below:

Impact:

- Consumer – a score of 1 to reflect that there will be an indirect impact on Consumers through a small improvement to their experience thereby enabling a quicker resolution of metering data issues, resulting from reduced complexity
- REC Operational Effectiveness – a score of 1 to reflect the minimal impact the change will have by providing the ability for ERDAs to update data without the added complexity of terminating and creating new RMPs
- Retail Markets Impact – a score of 1 to reflect the minimal impact the change will have on mitigating Retail Risk 7 'Inaccurate meter point master data results in errors that impact consumers' and the Risk Driver 7.3 Issues with Registered Meter Point data

Resource:

- A score of 2 - this is a standard change which needs additional work to finalise the solution proposed and will require impact assessment

Strategic alignment:

- Objectives of the REC – a score of 1 due to the minimal impact this will have on the efficiency in the operation of the REC in preparation for MPAN migrations to the MHHS Target Operating Model
- RECCo Forward Workplan – a score of 1 to reflect the alignment with the key outcome to work closely with the MHHS Programme, Ofgem, REC Parties and REC Service Providers. This will ensure that the retail arrangements governed under the REC are properly prepared to facilitate the timely delivery of MHHS and that REC Parties and Consumers can benefit from them

Urgency:

- This Change Proposal has been given an urgency score of 2 against a Significant Code Review, to reflect the need for it to be progressed within the next 3 months so that it can achieve a timetable that will facilitate data accuracy in preparation for MHHS. It will also enable any appropriate updates to the MHHS Design baseline that also need to be reflected in the MHHS code change baseline

8 SUMMARY OF CHANGE PROPOSAL PLAN

The Change Proposal Plan provides for the activities and engagement necessary to complete solution analysis and develop solution requirements before progressing to assessment and industry consultation. The plan allows for engagement and coordination with the MHHS Programme, to manage and request any associated MHHS Design update.

	FROM	TO
SOLUTION ANALYSIS AND DEVELOPMENT	04/07/2023	16/08/2023
SERVICE PROVIDER IMPACT ASSESSMENT	18/08/2023	25/09/2023
PARTY IMPACT ASSESSMENT	19/10/2023	09/11/2023
PRELIMINARY CHANGE REPORT ISSUED	08/12/2023	08/12/2023
RESPONSIBLE COMMITTEE REVIEW	19/12/2023	19/12/2023
CONSULTATION	22/12/2023	23/01/2024
FINAL CHANGE REPORT ISSUED	09/02/2024	09/02/2024
RESPONSIBLE COMMITTEE DECISION	20/02/2024	20/02/2024
APPEAL WINDOW CLOSURE	06/03/2024	06/03/2024

9 GLOSSARY

TERM	DEFINITION
Central Switching Service (CSS)	means the Systems and processes provided or procured by the Switching Operator for the purpose of providing the Address Management Service and the Registration Service.
CSS Provider	means the DCC when performing functions under or in relation to this Code (but always excluding its functions under the Smart Energy Code and its roles as CSS Systems Integrator, SI Provider and Switching Operator), including in respect of the Central Switching Service and including in effecting the design, build and testing of any System that will allow it to perform functions under this Code after the CSS Go-Live Date. This role is the CSS Procurer and Manager function as described in the E2E Data Migration Plan, E2E Integration Plan, E2E Post Implementation Plan, E2E Testing Plan, E2E Transition Plan: Implementation Approach and E2E Transition Plan: In-Flight Switches Approach.
Distribution Network Operator (DNO)	means a person holding an Electricity Distribution Licence.
Electricity Supplier	means a person holding an Electricity Supply Licence.

TERM	DEFINITION
Electricity Retail Data Agent (ERDA)	means a provider of a DNO's Electricity Retail Data Service.
Electricity Retail Data Service (ERDS)	means the electricity registration services provided under this Code to support the provision of electricity retail data to the CSS and other services.
Market-wide Half Hourly Settlement (MHHS)	Market Wide Half-Hourly Settlement will utilise the ability of smart meters to record a customer's usage during each half hour period to move domestic and small non-domestic customers to half-hourly settlement. Medium and larger non-domestic consumers have been settled half-hourly since BSC modification P272.
Metering Point Registration System (MPRS)	means the System used or procured by each DNO in order to provide the Electricity Retail Data Service in accordance with the REC and / or the Supplier Meter Registration Service in accordance with the BSC.
MHHS programme	The MHHS programme is the mechanism under which the governance and implementation of changes to the market arrangements are being managed.
Significant Code Review (SCR)	means a review of one or more matters by the Authority which the Authority considers is: (a) related to this Code (whether on its own or together with other Energy Code(s)); and (b) likely to be of significance in relation to the Authority's principal objective and/or general duties (as set out in section 3A of the Electricity Act and section 4AA of the Gas Act), statutory functions and/or relevant obligations arising under Law, and concerning which the Authority has issued a notice that the review will constitute a significant code review.