

Discussion Request 1159			Smart Metering_Change of Supplier		
Status	Approved	Priority	High	Status Date	24/06/2015

Date	Version	Reason for Change	Version Status
17/06/2015	1.0	Issued to Market	Final

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST

Requesting Organisation(s)	NSMP	Originating Jurisdiction	RoI
Request Originator Name	Michael Moloney		
Date Raised	04/03/2015		

Classification of Request			
Jurisdictional Applicability	RoI	Jurisdictional Implementation	RoI Specific
If jurisdictional implementation is for one jurisdiction only – is the other jurisdiction required to effect any changes?	Yes	Co-Ordinated Baseline Version No.	tbc
Change Type	Schema Impacting		

Detail of Request

Reason for Request

Background

The CER, working closely with the Department of Communications, Energy and Natural Resources (DCENR), established the National Smart Metering Programme (NSMP) in late 2007. In Phase 1, a trial was carried out in order to assess the costs and benefits of smart meters and to inform decisions relating to the full rollout. In July 2012 a decision was announced to rollout electricity and gas smart meters for all residential and small and medium sized businesses. Phase 2 commenced in January 2013 and is broadly composed of a high level design and procurement phase. [CER14046]

The Smart Metering High Level Design Decision Paper published in October 2014 outlines the decisions with regard to the high level design stage within Phase 2 with regards to 1) Core Design, 2) Time of Use Tariffs, 3) Presentation of Energy Usage information to consumers and 4) Pay As You Go (PAYG) solution. This next stage is to work through 5 process groups sequentially at MPD and Schema detail level to inform the Detail Design of the ROI Retail Market Design.

This DR provides details of the Retail Market Design within the Process Group of Change of Supplier.

This DR has been produced by the National Smart Metering Programme, following an approved process with Market Participants in ROI and NI, involving six months of retail market workshops with regular status updates to the ReMCoWG.

Proposed Solution

The scope and content of the proposed changes, involving changes to Market Messages, Data Items, Data Definitions and Data Codes, would not conveniently be described directly in this DR document. Rather, the details are contained in the embedded Presentation Pack and amended Design Documents (with track changes).

Scope of Change

Jurisdiction	Design Documentation	Business Process	DSO Backend System Change	MP Backend System Change	Tibco	Supplier EIMMA	Schema	Webforms	Extrane/NI Market Website
ROI	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NI	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Co-Ordinated Baseline Market Design Documents Impacted by Request

Market Messages

Message No.	Message Name	COBL	ROI	NI
010	Registration Request	Impacted	Impacted	Impacted
102	Change of Supply Registration Acceptance	Impacted	Impacted	Impacted
102P	Change of Supplier Provisional Acceptance	Impacted	Impacted	Impacted
102R	Change of Supplier Registration Rejection	Impacted	Impacted	Non Impacted
105	Change of Supplier Confirmation	Impacted	Impacted	Impacted
105A	Change of Supplier Smart Data Service Change Notification- new	Impacted	Impacted	Impacted
310	Validated CoS Reading	Non Impacted	MMG	Non Impacted
310W	Withdrawn CoS Reading	Non Impacted	MMG	Non Impacted
320	Validated CoS Reading	Non Impacted	MMG	Non Impacted
320W	Validated CoS Reading	Non Impacted	MMG	Non Impacted
112R	Notification of Objection Rejection	Impacted	Impacted	Non Impacted
303R	Customer Read Rejection	Impacted	Impacted	Non Impacted

Data Definitions

<p>Smart Non Participation Code - Code to identify Smart Non Participation details as</p> <ol style="list-style-type: none"> 1) Non Interval Data 2) Non Technical Non Participation 3) Multiple Visits No Access 4) Smart Meter Exchange Deferred <p>“Used in NI?” column to be set to “No”</p>
<p>Delete Smart Non Participation Flag - This is a flag indicating whether or not Smart Non Participation details are to be deleted</p> <p>“Used in NI?” column to be set to “No”</p>
<p>Comms Technically Feasible - This flag indicates to a supplier the feasibility of the Communications to the Smart meter</p> <p>“Used in NI?” column to be set to “No”</p>
<p>DUoS Billing Frequency - Duos Billing Frequency is a code that indicates the frequency of Duos billing at the meter point</p> <p>On 102, 102P, 105</p> <p>“Used in NI?” column to be set to “No”</p>
<p>Duos Billing Cycle - Duos Billing Cycle Day refers to the day in a 41 working day cycle (ROI) that a Half Hourly meter is due to be Duos Billed</p> <p>On 102, 102P, 105</p> <p>“Used in NI?” column to be set to “No”</p>

Data Codes

New Smart Non Participation Codes on 010, 101, 101P, 102, 102P, 105

01 Non Interval Data
 02 Non Technical Non Participation
 03 Multiple Visits No Access
 04 Smart Meter Exchange Deferred
Different combination of the 4 codes above on relevant Market Messages
 Set "Valid in NI?" to "No".

New Comms Technically Feasible Code on 102, 102P, 105 boolean

MC – Meter Change from **MM010**, Data Item Change of Supplier Read Arrangement - no longer valid in ROI

New Meter Point Status – DR – De-energise remote on 102P, 310, 310W
 Set "Valid in NI?" to "No".

102R

- **New Reject Reason Code - IM – Interval Meter Point** on 102R. Set “Valid in NI” to “No”.
- **IMF** The CoS Read Arrangement is ‘MC’ but the requested Meter Configuration Code is not valid on 102R. N/A for NI. IMF remains a valid Reject Reason Code in NI as per the existing NI Market Rules.
- **Add DIJ** will be used where read arrangement MC is populated on 102R. N/A in NI for 102R. DIJ remains a valid Reject Reason Code in NI as per the existing NI Market Rules.
- **IM Replaces QHM** (still valid for 112R) A CoS Read Arrangement was provided for an Interval Meter Point. N/A for NI.
- If Half Hourly site has trading site Supplier Unit on 010 will issue with existing Reject Reason Code of **TSR**. Remains an invalid Reject Reason in NI.
SNP – Smart Non Participation Details invalid. Set “Valid in NI” to “No”.

112R

Code Description change: QHM – An objection is not valid for an **QH** Interval Meter Point N/A for NI. "Valid in NI?" remains as "No".

MM303R –

Reject Reason - IRI Invalid Request Half Hourly site
 Reject Reason - RIR Remote Site Invalid Read
 Set "Valid in NI?" to "No".

Market Message Implementation Guides			
ROI	Yes/No	NI	Yes/No
ROI Market Message Guide – Meter Registration	Yes	NI Market Message Implementation Meter Registration	Yes

Comments
<p>All Market Design Documentation for SMART Metering Retail Market Design Workshops affected by this DR1159 can be found on the RMDS Secure Website.</p> <p>Documents:</p> <p>MPD 01 – Supporting Document – SMART ver. 1.0 MPD 01 – CoS Non Interval End to End Diagram – SMART ver. 1.0 MPD 01 – CoS Non Interval Supplementary Information – SMART ver. 1.0</p> <p>MPD 02 – Supporting Document – SMART ver. 1.0 MPD 02 – CoS Interval End to End Diagram – SMART ver. 1.0 MPD 02 – CoS Interval Supplementary Information – SMART ver. 1.0</p> <p>MPD 03 – Objection and Cancellation – SMART ver. 1.0 MPD 03 – Objection and Cancellation End to End Diagram – SMART ver. 1.0</p>

MPD 04 – Supporting Document – SMART ver. 1.0
MPD 04 – SoLR End to End Diagram – SMART ver. 1.0
MPD 04 – SoLR Supplementary Information – SMART ver. 1.0

ROI Market Message Guide – Meter Registration – SMART ver. 1.0

Retail Market Impacts Change of Supplier_MPs – SMART ver. 1.0

[Smart CoBL v2.4](#)

NI:

MMIG - Meter Registration documentation will be impacted as follows:

010 - Update to include New Segment "SmartNonParticipationDetails", "SmartNonParticipationCode", and "DeleteSmartParticipationFlag" with descriptions to state "Not Used in NI".

102 - Update to include "DUoS Billing Cycle", "CommsTechnicallyFeasible", DUoS Billing Frequency Code, "SmartNonParticipationDetails" and "SmartNonParticipationCode" with descriptions to state "Not Used in NI".

102P - Update to include "DUoS Billing Cycle", "CommsTechnicallyFeasible", DUoS Billing Frequency Code, "SmartNonParticipationDetails", and "SmartNonParticipationCode" with descriptions to state "Not Used in NI".

105A - Update to state "105A - Market Message Not Used in NI".

105 - Update to include "DUoS Billing Cycle", "CommsTechnicallyFeasible", DUoS Billing Frequency Code, "SmartNonParticipationDetails" and "SmartNonParticipationCode" with descriptions to state "Not Used in NI".

ROI - Market Process Diagrams – MPDs

Market Process Diagram Number	Market Process Diagram Description	Affected
MPD 01	Change of Supplier NQH	Yes
MPD 02	Change of Supplier QH Metered	Yes
MPD 03	CoS Objection and Cancellation	Yes
MPD 04	SoLR	Yes

NI - Market Procedures

Market Process Number	Market Procedure	Affected
No Impact	No Impact	No Impact

ROI – Guidance Documentation		
Document	Version	Affected
No Impact		No Impact

ROI – Briefing Documents		
Document	Version	Affected

User and Technical Documents			
Reference	Name	Version	Affected
No Impact			No Impact

Part 2 - Performance and Data Changes	
Market Messages volume, processing etc.	
Data	
Details of Data changes e.g. cleansing	

Part 3 - ReMCoSG / CER Approval		
Approved by	ReMCoSG	CER
Comments		