

Discussion Request 1204			Bluetooth Keypad Meter Freedom Unit		
Status	Approved	Priority	Medium	Status Date	04/03/2020

Date	Version	Reason for Change	Version Status
26/02/2020	1.0	Issued to Market	Final

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST			
Requesting Organisation(s)	NIE Networks	Originating Jurisdiction	NI
Request Originator Name	Denis Kelly		
Date Raised	17/01/2020		

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

Detail of Request
Reason for Request

Background

This Discussion Request has been raised as an interim solution to enable Suppliers in the NI Retail Electricity Market to request the Installation of a Bluetooth Freedom Unit.

The use of the new Bluetooth Freedom Unit will be through an APP supplied by the Supplier in accordance with the NIE Networks' Bluetooth Protocols. Suppliers App will be restricted by the Protocols which Suppliers must adhere to. The APP will communicate commands by Bluetooth to the new Bluetooth Freedom Unit and the new Bluetooth Freedom Unit will communicate commands to the Keypad meter using Protocols.

NIE Networks owns the Freedom Unit as the common services provider. The Supplier will develop and own the APP in accordance with the NIE Networks' Protocols.

The scope of the DR relates to Residential customers and will be used only in conjunction with 030 Market Message for SOSA Keypad jobs, primarily for existing keypad sites.

The scope does not include:

- Replacing an existing Credit Meter with a Keypad Meter with Bluetooth Freedom Unit as part of the same 030 MM Fieldwork Request;
- New Connections Requests;
- Change of Supplier Requests.

The interim solution is a non-schema change. By using the existing K08 Meter Works Type and changing the description from "Prepayment meter, with large minus credit" to "Prepayment Meter – Install Bluetooth Freedom Unit Only" facilitates a non schema interim change. High level analysis shows that the current use of K08 - "Prepayment meter with large minus credit" is very low and it is also being used incorrectly.

Proposed Solution

Remove the current K08 description “Prepayment meter with large minus credit” and replace it with the new K08 description “Prepayment Meter – Install Bluetooth Freedom Unit Only”.

Allow a Supplier to book an appointment using the Market Website and to send in 030 MM with Meter Works Type K08 and the new description “Prepayment Meter – Install Bluetooth Freedom Unit Only”, for a Residential customer who currently has an existing Keypad Meter with the standard freedom unit installed. The Supplier will book an appointment and use the unique Appointment ID in the 030 MM as per normal processes.

The new K08 “Prepayment Meter – Install Bluetooth Freedom Unit Only”, will only be permitted for 030 MM Fieldwork SOSA related jobs, primarily for existing keypad sites.

A Supplier will be prevented from selecting K08 “Prepayment Meter – Install Bluetooth Freedom Unit Only” on 030 MM for non SOSA sites and for sites where a Credit Meter is installed. 130R MM will be issued as per normal process with Reject Reason Code i.e. ICU - Invalid Change of Customer Usage; this Reject Reason Code already exists in the Baseline Co-ordinated Data Codes.

On successful completion of 030 MM with K08 “Prepayment Meter – Install Bluetooth Freedom Unit Only” job, the Supplier will receive the normal 131 MM with Request Status = C1, Outcome Reason Code C001 – Completed as Requested. The Work Type will be W318 – PPM Problem Resolution; which already exists in the Baseline Co-ordinated Data Codes.

For SOSA sites where a Credit Meter is installed and the Supplier wants to install a Keypad meter with a Bluetooth Freedom Unit for a Residential customer, the Supplier will need to follow the current process to book an appointment and send in 030 MM with K05 “Change from Credit to Prepayment”. The Supplier should provide details in the “Access Arrangements” to advise NIE Networks that Bluetooth Freedom Unit installation will also be required e.g. “Installation of Bluetooth Freedom Unit also required - 030 MM - K08 to follow”. After successful completion of 030 MM K05 request, the Supplier will need to book another appointment and send in another 030 MM with K08 “Prepayment Meter – Install Bluetooth Freedom Unit Only”.

Similarly, where there is a New Connection or Change of Supplier and the Supplier wants to install a Bluetooth Freedom Unit, the Supplier will need to complete the New Connection or the Change of Supplier first and then follow up with a 030 MM K08 “Prepayment Meter – Install Bluetooth Freedom Unit Only” after the New Connection / Change of Supplier has successfully completed; which must be the following day at the earliest.

A Supplier should use the existing 260 MM Code 226 “Freedom Unit / Comms Cable Issue” to inform NIE Networks of an issue with a Bluetooth Freedom Unit. The Supplier should insert “Bluetooth Freedom Unit” in the “Observation Text” of the 260 MM.

A Supplier should use 030 MM Meter Works Type M11 “General Meter Damage (non RPU)” to report a keypad meter with large minus credit and provide details of the problem in the “Access Arrangements” 030 MM field i.e. clearly state that this fieldwork is for a keypad meter with large minus credit. The existing K08 text will be removed from Market Procedure NI 12 - Meter Problems and Damage, Enquiries and Complaints.

Revenue Services (RPU) process will be As Is i.e. any keypad meter fitted will be fitted with the standard Freedom Unit. If a Supplier wants to fit a keypad meter for a Residential SOSA customer/site a 030 MM will be required as per the abovementioned processes.

NIE Networks will not be initiating 030 MM with the new K08 - “Prepayment Meter – Install Bluetooth Freedom Unit Only” – all K08 - “Prepayment Meter – Install Bluetooth Freedom Unit Only” requests must come through a Supplier on 030 MM.

In the event that a new customer does not want an existing Bluetooth Freedom Unit, NIE Networks will not remove the Bluetooth Freedom Unit as this Freedom Unit can act as a Standard Freedom Unit.

Suppliers EMMAs will need to be updated to amend the description in the dropdown for K08 i.e. the current description will be replaced with new description, "Prepayment Meter – Install Bluetooth Freedom Unit Only"; and rolled out to Suppliers.

Suppliers will be responsible for developing and agreeing the processes around when their APP is enabled / disabled for example:

- 010 MM Change of Supplier with CoT and the customer does not want an existing keypad meter with Bluetooth Freedom Unit;
- 016 MM Change of Tenant / CoLE
- 017 MM with CoT (highly unlikely scenario - but needs consideration)

Scope of Change

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

Co-Ordinated Baseline Market Design Documents Impacted by Request

Market Messages

Message No.	Message Name	CoBL	ROI	NI
No Impact	No Impact	No Impact	No Impact	No Impact

Data Definitions

No Impact

Data Codes

Impacted : Meter Works, Meter Works Type: Change K08 Description to "Prepayment Meter - Install Bluetooth Freedom Unit Only".

Market Message Implementation Guides

ROI	Yes/No	NI	Yes/No
No Impact	Yes	No Impact	Yes

Comments
<p>NI Market Website Documentation: Amend the description of K08 Job Type on the Market Website from Prepayment meter with large minus credit to K08 - Prepayment Meter - Install Bluetooth Freedom Unit Only.</p> <p>Suppliers' EMMAs will need to be updated to amend the description in the dropdown for K08 i.e. the current description will be replaced with new description, "Prepayment Meter - Install Bluetooth Freedom Unit Only"; and rolled out to Suppliers.</p>

ROI - Market Process Diagrams – MPDs		
Market Process Diagram Number	Market Process Diagram Description	Affected
None	None	None

NI - Market Procedures		
Market Procedure	Affected	
MP NI 11 - Changes to Meter Configuration	Y	
MP NI 12 - Meter Problems and Damage, Enquiries and Complaints	Y	
MG NI 41 - Fieldwork Types, Charges and Delivery Time Targets	Y	

ROI Guidance Documentation		
Document	Version	Affected
No impact		No Impact

ROI Briefing Documents		
Document/Paper	Version	Affected
No impact		No Impact

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		