

MCR 1135 MPRN Enquiry web service			<i>Priority</i> High
Co-Ordinated Markets Status	CLOSED - Jurisdictional Specific	CR Status	Approved
		Status Date	16/10/2013
Date	Version	Reason For Change	Version Status
05/06/2013	v1.0	Issued to Market	Final
09/10/2013	v2.0	Updated Proposed Solution further to findings by ESBN. Converted DR to MCR Issued to Market	Final
13/03/2018	V3.0	Updated Proposed Solution further to confirmation by ESBN	Final
18/04/2018	V3.1	Updated to incorporate feedback from Market Participants following collaborative engagement exercise	Final
PART 1 DETAIL OF DISCUSSION REQUEST/MARKET CHANGE REQUEST:			
Requesting Organisation(s)	Energia	Originating Jurisdiction	RoI
Contact name	Paul McCormick (paul.mccormick@energia.ie)		
Date Request Raised	22/05/2013	Originating Request	DR 1135
Detail of Request			
Reason for Request			
<p>As part of the enduring solution, a request was made to help with accuracy and efficiencies of customers moving between suppliers. To enable this a web service was created by NIE Networks that allowed all suppliers access to customers data on demand. This helped suppliers have accurate data from the moment they started the registration process, and allowed them to spot any errors within the market's data.</p> <p>Overall this new web service has been well received by all suppliers and has helped assist competition within the electricity market. Similar benefits have been shown in the gas market. Due to this we would like to request a similar service for the ROI market</p> <p>This will add new efficiencies and accuracy within the ROI registrations process, with every supplier having a different bespoke solution which will have to be changed periodically.</p>			
Proposed Solution			

ESBN advise Market Participants on the following clarifications relating to the solution proposed by ESBN for this MCR and agreed with Market Participants in August 2018:

This proposed solution is to provide an MPRN Enquiry web service for all suppliers in ROI.

The scope of this proposal includes the information currently available on the 'MPRN Enquiry' screen of the ROI RMP Extranet and the Smart extranet requirements relating to MCR1159 Change of Supplier.

Planned availability of service will be in line with that currently provided for the ROI RMP Extranet (i.e. service will be available 24/7, with the exception of planned outages or unexpected issues impacting on the production central market systems)

Unlimited on demand information will not be available (e.g. unlimited web service calls per MPRN per 24hour period etc.) ESBN will engage with Market Participants to agree upper limits which will support market requirements while ensuring no negative impact on the performance or security of the Central Market Systems. The exact limits will be confirmed following discussion with Market Participants.

The 'MPRN Enquiry' screen of the ROI RMP Extranet, Downloadable files and this proposed web service solution should align. Therefore, any future change requests to amend or enhance this web service will likely mean that the same changes would be needed to the ROI RMP Extranet and Downloadable Files, and vice-versa.

The functionality that supports the Market Message Enquiry, New Connections, PMP, Appointments as well as sundry MPRN enquiries will continue to be provided on the ROI RMP Extranet.

High Level Solution Design:

- ESBN will provide the Web Service as part of the Central Market Systems (CMS).
- Market Participants will be responsible for developing their own systems to integrate with this web service.
- Calls to the Web Service will be driven by Market Participants systems.
- All calls will be subject to the following protocols:
 - User Authentication
 - Security
 - Performance
- MPRN Enquiry information requests will be subject to validation.
- Meter Point Status must have a status of **A, E or D** for data to be returned.
- If the request is invalid, then the appropriate response will be sent back to the Market Participant.
- If the request is valid then appropriate information will be extracted from CMS and returned through the same channel to the requesting Market Participant.
- Market Participant requests should be issued via HTTPS call to this web service.
- ESBN responses will be issued in **JSON** format.
- The format and fields are outlined in the attached MS Excel file.
- Metadata will be provided at a later stage.

Key Considerations:

There are some key considerations which ESBN would like to highlight to Market Participants, and on which further engagement will be required over the course of the implementation of this MCR:

- Legal Agreements must be agreed between ESBN and Market Participants who intend to avail of this web service
- A fair usage policy will be implemented.
- Integrity and performance of the Central Market Systems (CMS) will be continuously monitored through every phase of the delivery of this MCR and the enduring solution
- Market Participants use of the end solution should not negatively impact on the performance or security of the CMS
- ESBN will engage with Market Participants to confirm their planned utilisation of the web service

Classification of Request							
Co-Ordinated Baseline Impacting				Co-Ordinated Baseline Version No.			
NI Specific		RoI Specific	X	Operational		Date of Transfer from ReMCoWG	12/06/2013

Scope of Request							
Design Documentation	Business Process	Market & MP Systems	Market Gateway (Hub)	MPCC/ EMMA	Schema	Web Forms	Extranet
						X	X

Co-Ordinated Baseline Documents impacted by Request	
Market Messages:	No impact
Data Definitions:	No impact
Data Codes:	No impact
RoI MM Guide:	No impact
NI MM Guide:	No impact
Harm. Impact (RoI):	No impact
Comment:	

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Jurisdictional Market Design Baseline Documents impacted by Request						
Market Process Diagrams (MPDs):	No impact					
Guidance Documentation	No impact					
Briefing Documents:	-<Placeholder-will be provided at a later stage>					
User and Technical Documents:	No impact					
Comment:						
PART 2 MARKET ASSURANCE:						
Applicability	DSO	Suppliers	TSO	SEMO	Generators	
		X				
Scope of Test	Business Solution Assessment	Integration Test Assessment	Data Transfer Testing	IPT	Other (specify)	
PART 3 RECOMMENDATION						
Recommended by		CDA		IGG		HWG
ACCEPTANCE (Date)	REJECTION (Date)	NO RECOMMENDATION	COMMENT			
Reason for Recommendation						