

DR	1122	Introduction of Essential Plant into the Market Design	<i>Priority</i> High																						
Harmonisation Status		CLOSED - Following discussion at HWG	CR Status																						
			In Progress																						
		Status Date	01/08/2012																						
Date	Version	Reason For Change	Version Status																						
20/06/2012	v1.0	Issued to Market																							
01/08/2012	v1.0	Definition Expanded and 4 Additional MM's were identified as being affected - 101, 101P, 102, 102P.	Final																						
PART 1 DETAIL OF DISCUSSION REQUEST/MARKET CHANGE REQUEST:																									
Requesting Organisation(s)	ESB Networks		Originating Jurisdiction																						
			RoI																						
Contact name	Kieran Finucane																								
Date Request Raised	21/05/2012	Originating Request																							
Detail of Request																									
Reason for Request																									
<p>The traditional practice of ESBN has been not to de-energise essential plant where Health & Safety issues may arise.</p> <p>Essential Plant includes but not limited to:</p> <ul style="list-style-type: none"> • Water Pumping/Treatment Systems, Fire Fighting Equipment incl. Alarms, Pumps, etc. • Sewage systems, Security Systems • Lighting/lifts in indoor/outdoor common areas of apartment blocks/private developments • The electricity used is not for personal use and the tariff applicable is a business tariff. <p>This DR seeks to introduce a new flag to allow for an MPRN to be identified in the Central Market System as Essential Plant. DSO will maintain this flag. This flag is valid for relevant Unmetered DG3/DG4 at a TMRN level and Business DG5 and higher. The content of the flag will be made available to Suppliers and TSO on the Extranet and the downloadable meter point details file as well as certain messages that are indicated in detail in the following section.</p>																									
Proposed Solution																									
Data Definition																									
<p>A new flag is proposed to be added to the Harmonised Data Definitions with the name Essential Plant Flag and schema name EssentialPlantFlag.</p> <p>The Harmonised Data Definition for Essential Plant Flag is "As and where an MPRN is determined to be Essential Plant, or where Essential Plant flag has been removed, then this flag will be highlighted."</p> <p>This flag will be a new Boolean Flag. Where the flag appears with a value of 1 it will mean that there is essential plant at this MPRN, and in the exceptional case where this flag appears with a value of 0 this would mean that there is not essential plant at this MPRN.</p>																									
Market Messages																									
<p>It is proposed to add a new optional EssentialPlantFlag field to the following Market Messages</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">101</td><td>New Connection Registration Acceptance</td></tr> <tr><td>101P</td><td>New Connection Provisional Acceptance</td></tr> <tr><td>102</td><td>Change of Supply Registration Acceptance</td></tr> <tr><td>102P</td><td>Change of Supplier Provisional Acceptance</td></tr> <tr><td>301</td><td>Meter Point Characteristics</td></tr> <tr><td>105</td><td>Change of Supplier Confirmation</td></tr> <tr><td>306, 306W</td><td>Meter Point Status Change Confirmation DeEnergisation, and Withdrawal</td></tr> <tr><td>307, 307W</td><td>Meter Point Status Change Confirmation Energisation, and Withdrawal</td></tr> <tr><td>331</td><td>Interval Meter Technical Details</td></tr> <tr><td>332, 332W</td><td>Non Interval Meter Technical Details, and Withdrawal</td></tr> <tr><td>700, 700W</td><td>Unmetered Characteristics, and Withdrawal</td></tr> </table> <p>This field is proposed to be populated only where it has been determined that there is essential plant at the MPRN.</p> <p>With regard to Unmetered Change of Supplier Confirmation, for Grouped Unmetered the 700MM is the relevant message whereas for Single Point Unmetered it is the 105MM, as is the current market design.</p> <p>Where ESB Networks determine that there is a change at an MPRN which affects the value of this flag, then this will be notified on the 301MM. A value of 0 will be sent where a site is no longer essential plant. The flag will be removed from the MPRN. Where a site is becoming essential plant, a value of 1 will be sent and applied to the MPRN. The exception is for Grouped Unmetered MPRNs where the 700 MM Unmetered Characteristics is in play and not the 301MM.</p>				101	New Connection Registration Acceptance	101P	New Connection Provisional Acceptance	102	Change of Supply Registration Acceptance	102P	Change of Supplier Provisional Acceptance	301	Meter Point Characteristics	105	Change of Supplier Confirmation	306, 306W	Meter Point Status Change Confirmation DeEnergisation, and Withdrawal	307, 307W	Meter Point Status Change Confirmation Energisation, and Withdrawal	331	Interval Meter Technical Details	332, 332W	Non Interval Meter Technical Details, and Withdrawal	700, 700W	Unmetered Characteristics, and Withdrawal
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Extranet, Downloadable Meter Point Details File																									
<p>The content of the flag will be made available to Suppliers on the Extranet and the Downloadable Meter Point Details file.</p> <p>On the Downloadable Meter Point Details files this field will be made available in the Commercial and Unmetered extracts and directly after the MIC field.</p> <p>Where this flag appears with a value of 1 on the Extranet or the Downloadable Meter Point Details file it will mean that there is essential plant at this MPRN.</p> <p>It is not proposed to populate a value of 0 on the Extranet for MPRNs that are not flagged as Essential Plant</p>																									
Comment: the exact location of the new field on the Extranet will be communicated throughout the implementation phase.																									

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Classification of Request						
Harmonisation Impacting			X	Harmonisation Baseline Version No.		TBD
NI Specific		Rol Specific		Operational		Date of Transfer from HWG
Scope of Request						
Design Documentation	Business Process	Market & MP Systems	Market Gateway (Hub)	MPCC/ EMMA	Schema	Web Forms
			X		X	X
Harmonisation Baseline Documents impacted by Request						
Market Messages:	Market Messages - Meter Works/Fieldwork Requests, Market Messages - Meter Works/Fieldwork Responses, Market Messages - Registration, Market Messages - Unmetered Supply					
Data Definitions:	Yes					
Data Codes:	Yes					
Rol MM Guide:	ROI Market Message Guide - Meter Registration, ROI Market Message Guide - Meter works, ROI Market Message Guide – Unmetered					
NI MM Guide:	NI Market Message Implementation Guide - Meter Works, NI Market Message Implementation Guide - Unmetered, NI Market Message Implementation Guide - Meter Registration					
Harm. Impact (Rol):	Yes					
Comment:	Market Messages Impacted by addition of new EssentialPlantFlag (It's new Schema Name) are 301, 105, 306, 306W, 307, 307W, 331, 332, 332W, 700, 700W					
Jurisdictional Market Design Baseline Documents impacted by Request						
Market Process Diagrams (MPDs):	No impact					
Guidance Documentation	No impact					
Briefing Documents:	No impact					
User and Technical Documents:	No impact					
Comment:	MPD's in which relevant messages appear will not be changed as a result of the new Essential Plant Flag. Detail as to how the flag is to be interpreted will be added to the Business Data Definition Attribute in ARIS for the field Essential Plant Flag.					
PART 2 MARKET ASSURANCE:						
Applicability	DSO	Suppliers	TSO	SEMO	Generators	
	X	X				
Scope of Test	Business Solution Assessment	Integration Test Assessment	Data Transfer Testing	IPT	Other (specify)	
				X		
PART 3 RECOMMENDATION						
Recommended by		CDA		IGG		HWG
ACCEPTANCE (Date)	REJECTION (Date)	NO RECOMMENDATION		COMMENT		
Reason for Recommendation						