

MCR 1122 Introduction of Flag into the Market Design to identify Sites with Essential Plant			Priority High
Harmonisation Status		CLOSED - Approved	CR Status Issued
			Status Date 06/02/2013
Date	Version	Reason For Change	Version Status
12/09/2012	v2.0	Issued to Market for Approval at HWG on 19/09/2012 Includes updated Definition of Essential Plant to remove "Security Systems" & to include Fire-Fighting Equipment/Access for Fire Brigade etc.	Final
06/02/2013	v3.0	Amended to reflect changes requested by ESBN. 106D Meter Point Status Confirmation DeEnergisation and 106E Meter Point Status Confirmation Energisation added. Also to include a statement that "The EssentialPlantFlag will be at MPRN level within the messages".	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	DR 1122
Detail of Request			
Reason for Request			
<p>The traditional practice of ESBN has been not to de-energise essential plant where Health &amp; Safety issues may arise.</p> <p>Essential Plant includes but not limited to:</p> <ul style="list-style-type: none"> <li>• Water Pumping/Treatment Systems, Fire Fighting Equipment incl. Alarms, Pumps, etc.</li> <li>• Fire Fighting Equipment incl. Alarms, Pumps, Access gates for Fire Brigade etc.</li> <li>• Sewage systems</li> <li>• Lighting/lifts in indoor/outdoor common areas of apartment blocks/private developments</li> <li>• The electricity used is not for personal use and the tariff applicable is a business tariff.</li> </ul> <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 TMPRN 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			
<p><b>Data Definition</b></p> <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> <p><b>Market Messages</b></p> <p>It is proposed to add a new optional EssentialPlantFlag field to the following Market Messages</p> <ul style="list-style-type: none"> <li>101 New Connection Registration Acceptance</li> <li>101P New Connection Provisional Acceptance</li> <li>102 Change of Supply Registration Acceptance</li> <li>102P Change of Supplier Provisional Acceptance</li> <li>301 Meter Point Characteristics</li> <li>105 Change of Supplier Confirmation</li> <li>106D Meter Point Status Confirmation DeEnergisation</li> <li>106E Meter Point Status Confirmation Energisation</li> <li>306, 306W Meter Point Status Change Confirmation DeEnergisation, and Withdrawal</li> <li>307, 307W Meter Point Status Change Confirmation Energisation, and Withdrawal</li> <li>331 Interval Meter Technical Details</li> <li>332, 332W Non Interval Meter Technical Details, and Withdrawal</li> <li>700, 700W Unmetered Characteristics, and Withdrawal</li> </ul> <p>This field is proposed to be populated only where it has been determined that there is essential plant at the MPRN. The EssentialPlantFlag will be at MPRN level within the messages.</p>			

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<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> <p><b>Extranet, Downloadable Meter Point Details File</b></p> <p>The content of the flag will be made available to Suppliers on the Extranet and the Downloadable Meter Point Details file. 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> <p><b>Comment:</b> the exact location of the new field on the Extranet will be communicated throughout the implementation phase.</p>			

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<b>Classification of Request</b>							
<b>Harmonisation Impacting</b>			<b>X</b>	<b>Harmonisation Baseline Version No.</b>			
<b>NI Specific</b>		<b>RoI Specific</b>		<b>Operational</b>		<b>Date of Transfer from HWG</b>	
<b>Scope of Request</b>							
Design Documentation	Business Process	Market & MP Systems	Market Gateway (Hub)	MPCC/ EMMA	Schema	Web Forms	Extranet
			<b>X</b>		<b>X</b>		<b>X</b>
<b>Harmonisation Baseline Documents impacted by Request</b>							
<b>Market Messages:</b>	Market Messages - Meter Works/Fieldwork Requests, Market Messages - Meter Works/Fieldwork Responses, Market Messages - Registration, Market Messages - Unmetered Supply						
<b>Data Definitions:</b>	Yes						
<b>Data Codes:</b>	Yes						
<b>RoI MM Guide:</b>	ROI Market Message Guide - Meter Registration, ROI Market Message Guide - Meter works, ROI Market Message Guide – Unmetered						
<b>NI MM Guide:</b>	NI Market Message Implementation Guide - Meter Works, NI Market Message Implementation Guide - Unmetered, NI Market Message Implementation Guide - Meter Registration						
<b>Harm. Impact (RoI):</b>	Yes						
<b>Comment:</b>	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						
<b>Jurisdictional Market Design Baseline Documents impacted by Request</b>							
<b>Market Process Diagrams (MPDs):</b>	No impact						
<b>Guidance Documentation</b>	No impact						
<b>Briefing Documents:</b>	No impact						
<b>User and Technical Documents:</b>	No impact						
<b>Comment:</b>	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.						
<b>PART 2 MARKET ASSURANCE:</b>							
<b>Applicability</b>	DSO	Suppliers	TSO	SEMO	Generators		
	<b>X</b>	<b>X</b>					
<b>Scope of Test</b>	Business Solution Assessment	Integration Test Assessment	Data Transfer Testing	IPT	Other (specify)		
				<b>X</b>			
<b>PART 3 RECOMMENDATION</b>							
<b>Recommended by</b>			CDA	IGG	HWG		
<b>ACCEPTANCE (Date)</b>	<b>REJECTION (Date)</b>	<b>NO RECOMMENDATION</b>	<b>COMMENT</b>				
<b>Reason for Recommendation</b>							