

## Market Change Request

Number	Title	Priority
MCR 0179	Downloadable Meter Point Details File	Medium

Date	Version	Reason For Change
20 <sup>th</sup> May 2010	1.0	Market Change Request raised containing no changes from the associated Discussion Request.
19 <sup>th</sup> July 2010	2.0	“Contact Allowed” flag and “Contact Telephone” field removed on advice of the Data Protection Commission. Removed some technical details of the solution to increase implementation flexibility.
21 <sup>st</sup> Oct 2010	3.0	Removed field Last actual read from download Clarified mechanism of delivery of data following feedback at the IGG of the 12/10/10 that email was not suitable

### PART 1 CHANGE REQUEST:

<b>Name of Requesting Organisation</b>	Airtricity	
<b>Contact name</b>	Peter Cabena, RMDS Rachel Elmes, Airtricity	
<b>Date Change Request Raised</b>	20 <sup>th</sup> May 2010	<b>Originating Discussion Request</b>
		DR 0172

### Detail of Change Request

#### Background

Increasing levels of competition in the electricity market have given rise to demands from suppliers for access to the Meter Point registration database on the Extranet in a downloadable, regularly refreshed format for use in in-house systems and processes. This will allow for more efficient processing of the data by suppliers without impacting the Extranet site as well as providing greater resilience in the event of planned or unplanned Extranet outages.

#### Proposed Solution

In general, a regularly refreshed file of all Metered and Un-metered Meter Point details will be made available at a central site for download on request by authorised contacts in Market Participant organisations. Specifically,

- The individual Metered and Un-metered Points to be included in the file, and the field contents in respect of each type, will be modelled on a combination of the details from previous Eligible Customer and Domestic Customer extracts and those details currently available on the Extranet MRPN Enquiry page. Appendix 1 defines in detail the proposed field contents for each Meter Point type

#### File Delivery Mechanism

- It is proposed that a Managed File Transfer service will be implemented to enable the secure transfer of files to external business partners. When a file has been made available for download by ESB through an automated backend process, Supplier contacts will receive

an e-mail containing a link to where the file can be downloaded from. Upon clicking the link, the Supplier contact will be directed to a logon screen for ESB's File Transfer service where they will be challenged for a pre-assigned username and password. If valid credentials are supplied, the Supplier contact will then be re-directed to the file location where they will be able to download the file through an encrypted tunnel. The entire download process is performed through a user-friendly web interface using the Supplier contacts preferred browser.

- Naturally, it is expected that the file will be large and suppliers need to be cognisant of any operational implications this may have for them or for ESB Networks. Equally, it may be necessary to stagger the delivery of requested downloads to protect the performance of the delivery infrastructure
- Suppliers will not need to sign an additional agreement to access this service as it will be covered by the existing Extranet Agreement.

**Reason for Change Request**

Increasing levels of competition in the electricity market have given rise to demands from suppliers for access to the Meter Point registration database on the Extranet in a downloadable format which can then be integrated into in-house supplier systems and processes.

**Scope of Change Request**

Correction to Documentation	Business Process	Market & MP Systems	MPCC	Readings Processor	Market Gateway	Schema	Web Forms
X		X					

**Identification of Baseline Products Impacted**

**Market Process Documents (MPDs):** none  
**MPD Matrix:** none  
**Working Practices:** none  
**Briefing Documents:** new document similar to the "Retail Market Participant Extranet Website" guide  
**User and Technical Documentation:** new data catalog document to explain technical contents of data extract file  
**Trading and Settlement Code:** none  
**Supply Codes of Practice:** none  
**Agreements:** none (use of this service will be covered by the existing Extranet Agreement)  
**Service Levels:** none  
**Other Retail Market Documentation:** none

**Description of Trading & Settlement Code Impact (if any)**

**PART 2 MARKET ASSURANCE:**

**Applicability**

ESB Networks	Suppliers	TSO	SMO	Generators
X	X			

Scope of Test				
Connectivity	DTT	MSA	IPT	Other
<b>X</b>				<b>X</b>
			No. Of Scenarios	

<b>Date of issue of Change Request</b>	
<b>Date response is required</b>	

<b>PART 3 RESPONSES AND MODIFICATIONS:</b>
<b>Collation of Impact Assessment</b> ( <i>from Form C</i> )
<b>Modifications Included</b>
<b>Reason for Modifications</b>

<b>PART 4 ASSESSMENT &amp; RECOMMENDATION:</b>
<b>Part 4(a) ASSESSMENT</b>
<b>Summary of Impact Assessment</b>
<b>Recommendation on Implementation Plan</b>

<b>Part 4(b) RECOMMENDATION</b>			
ACCEPTANCE	REJECTION	NO RECOMMENDATION	COMMENT
<b>Reason for Recommendation</b>			
<b>Date of Recommendation</b>			

## **APPENDIX 1: Field Contents by Meter Point Type**

The downloadable file will contain the fields indicated under “**Required Availability**” in respect of the different Meter Point types. An initial working set of requirements have been derived on the assumption that suppliers will not want any less information than was previously extracted or is currently available on the Extranet. Therefore, the approach taken in respect of each type of Meter Point is as follows:

- **Domestic** – the contents of the recent Domestic Customer extract file plus the following field:
  - Load Profile
- **Commercial** – the contents of the current downloadable Eligible Customer files (MPRN and register level) plus the following field:
  - Load Profile
- **Unmetered** – the visible contents of the current MPRN Enquiry tab for unmetered Meter Points (Grouped, Technical and Single Point).

Naturally, the current version of this Discussion Request may show a changed set of requirements from the initial derivation as a result of on-going review of the DR.

The “**Existing or Previous Availability**” information is provided for reference only and refers to the availability of the fields currently on the Extranet or in data extracts previously provided to suppliers.

Field Name (occurs only once in this table)	Required Availability			Existing or Previous Availability			Comments
	Domestic	Commercial	Unmetered	On Extranet?	On Domestic Customer Extract	On Eligible Customer Extract	
MPRN Number	X	X	X	Y	Y	Y	
Meter Point Status	X	X	X	Y	Y	Y	<b>FILTER:</b> only MPs with Status of A, E, D or T are included
Meter Point Address...							
Unit No:	X	X	X	Y	Y	Y	
House No:	X	X	X	Y	Y	Y	
Address Line 1:	X	X	X	Y	Y	Y	
Address Line 2:	X	X	X	Y	Y	Y	
Street:	X	X	X	Y	Y	Y	
Address Line 4:	X	X	X	Y	Y	Y	
Address Line 5:	X	X	X	Y	Y	Y	
Postal Code:		X	X	Y		Y	
City:	X	X	X	Y	Y	Y	
County:	X	X	X	Y	Y	Y	
Country:	X	X	X	Y	Y	Y	
De-energised > 6 months			X	Y			Y/N value and only displayed when MPStat = D
Registration Status		X	X	Y		Y	

Field Name (occurs only once in this table)	Required Availability			Existing or Previous Availability			Comments
	Domestic	Commercial	Unmetered	On Extranet?	On Domestic Customer Extract	On Eligible Customer Extract	
Connection Agreement		X	X	Y		Y	
Trading Site Flag				Y			Field not on Extranet for Unmetered MPs
Duos Group	X	X	X	Y	Y	Y	
MIC	X	X	X	Y	Y	Y	
Portion					Y		<b>Caveat:</b> this field is logically equivalent to the Read Cycle Day (see below) and, therefore, may not be needed
Connection Voltage	X	X	X	Y	Y	Y	
Customer Attribute				Y			This field will have two elements: 1. Customer Service Special Needs that will carry all available flags; 2. Medical Equipment Special Needs will carry only those flags permitted (as per MCR0169). This field is not on the Extranet for Unmetered MPs
Metering Configuration Code	X	X	X	Y	Y	Y	
Metering Class			X	Y			
Eligibility for QH Metering		X		Y		Y	Field not on Extranet for Unmetered MPs
Read Cycle Day		X		Y		Y	Field not on Extranet for Unmetered MPs
Next Read Date	X	X		Y	Y	Y	Field not on Extranet for Unmetered MPs
Estimate count	X				Y		This is a new field that was given as part of the Dom Cust. extract. It is not currently on the extranet.
Load Profile	X	X					<b>NEW FIELD:</b> Standard Profile 01-12
Notification Address...							
C/O Name		X				Y	
Unit No:		X				Y	
House No:		X				Y	
Address Line 1:		X				Y	
Address Line 2:		X				Y	
Street:		X				Y	
Address Line 4:		X				Y	
Address Line 5:		X				Y	
Postal Code:		X				Y	
City:		X				Y	
County – Ireland:		X				Y	
County / State:		X				Y	
Country:		X				Y	
PO Box Number		X				Y	
Postal Code		X				Y	
City		X				Y	
Country		X				Y	

Field Name (occurs only once in this table)	Required Availability			Existing or Previous Availability			Comments
	Domestic	Commercial	Unmetered	On Extranet?	On Domestic Customer Extract	On Eligible Customer Extract	
Settlement Class		X				Y	
Connection System (Code)		X				Y	
DLF Code		X				Y	
Transformer Loss Factor		X				Y	
Title		X				Y	
Last Name		X				Y	
First Name		X				Y	
Name_Org1		X				Y	
Name_Org2		X				Y	
Registered Company No.		X				Y	
Trading As		X				Y	
Generation Unit ID		X				Y	
MEC		X				Y	
Read Frequency		X				Y	
Reference Number			X	Y			Single Site Unmetered MP only
Repetition factor			X	Y			Single Site Unmetered MP only
Unmetered type			X	Y			Single Site Unmetered MP only
Burn hour calendar			X	Y			Single Site Unmetered MP only
Actual wattage			X	Y			Single Site Unmetered MP only
Billable wattage			X	Y			Single Site Unmetered MP only
Power factor			X	Y			Single Site Unmetered MP only
GMPRN address			X	Y			Address in fully expanded format, as per MPRN address
GMPRN			X	Y			
Meter Details....							<b>GROUP:</b> this Group repeats for every Register and for every Meter at the Meter Point. Does not occur for Unmetered MPs. Includes only billable devices
Meter Category	X			Y	Y	Y	Group Field
Serial Number	X			Y	Y	Y	Group Field
Date Meter Installed				Y			Group Field
Meter Location		X		Y		Y	Group Field
Meter Location Code		X				Y	Group Field
Meter Register Seq				Y			Group Field
Timeslot	X	Y		Y	Y	Y	Group Field
Unit of Measure		X				Y	Group Field
Meter Multiplier		X				Y	Group Field
Reg Type	X	X		Y	Y	Y	Group Field
Pre Decimal digits	X	X		Y	Y	Y	Group Field
Post Decimal digits		X		Y		Y	Group Field

Field Name (occurs only once in this table)	Required Availability			Existing or Previous Availability			Comments
	Domestic	Commercial	Unmetered	On Extranet?	On Domestic Customer Extract	On Eligible Customer Extract	
Meter Reading		X				Y	Group Field
Move in Date		X				Y	Group Field
ZGC		X				Y	Group Field