

## Form A – IGG Design Discussion Request

Discussion Request Number	Title	Priority
DR0172	Downloadable Meter Point Details File	<i>Medium</i>

<b>Name of Requesting Organisation</b>	<b>Airtricity</b>
<b>Contact Name</b>	<b>Jessica Gregory in RMDS and Rachel Elmes in Airtricity</b>
<b>Date Request sent to RMDS</b>	<b>17<sup>th</sup> June 2009</b>

Date	Version	Reason for Change
17 <sup>th</sup> June 2009	0.1	First draft
13 <sup>th</sup> August 2009	1.0	Issued to the market
22 <sup>nd</sup> September 2009	2.0	Based on supplier feedback updated fields to be included in extract
23 <sup>rd</sup> April 2010	3.0	Substantial revision for: <ol style="list-style-type: none"> <li>1. Expanded content of file (to include domestic, commercial and unmetered Meter Points)</li> <li>2. Changed technical delivery method (publication of file to a central site from where it will be downloadable by Suppliers on demand)</li> <li>3. Name change (to reflect changes above)</li> </ol>

Detail of Discussion Request
<p><b><u>Background</u></b></p> <p>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.</p> <p><b><u>Proposed Solution</u></b></p> <p>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,</p> <ul style="list-style-type: none"> <li>• 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</li> <li>• A single downloadable file will contain all of the data to be made available through this service</li> <li>• The file will be refreshed on a monthly basis</li> <li>• The file will be made available on a central site for download by designated, authorised contacts. Contacts will be notified by automated email of the availability of refreshed files on</li> </ul>

<b>Detail of Discussion Request</b>	
<p>the central site</p> <ul style="list-style-type: none"> <li>• When logging in to download the file, contacts will be challenged for security credentials</li> <li>• Downloaded files will be delivered to an email address associated with each contact, the details of which will have been agreed in advance</li> <li>• Downloaded files will be in encrypted form</li> <li>• 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</li> <li>• Suppliers will not need to sign an additional agreement to access this service as it will be covered by the existing Extranet Agreement.</li> </ul>	
<b>Reason for Discussion Request</b>	
<p>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.</p>	
<b>Market Design Documents impacted by Request</b>	
<p><b>Market Process Documents (MPDs):</b> none</p> <p><b>MPD Matrix:</b> none</p> <p><b>Working Practices:</b> none</p> <p><b>Briefing Documents:</b> new document similar to the “Retail Market Participant Extranet Website” guide</p> <p><b>User and Technical Documentation:</b> new data catalog document to explain technical contents of data extract file</p> <p><b>Trading and Settlement Code:</b> none</p> <p><b>Supply Codes of Practice:</b> none</p> <p><b>Agreements:</b> none (use of this service will be covered by the existing Extranet Agreement)</p> <p><b>Service Levels:</b> none</p> <p><b>Other Retail Market Documentation:</b> none</p>	
<b>Date of IGG where discussed</b>	20 August, 2009
<b>Change Request xref (if applicable)</b>	<b>MCR 0179</b>

<b>PART 2 MARKET ASSURANCE:</b>				
<b>Applicability</b>				
ESB Networks	Suppliers	TSO	SSA	Generators
<b>X</b>	<b>X</b>			
<b>Scope of Test</b>				
Connectivity	DTT	MSA	IPT	Other
<b>X</b>				<b>X</b>
			No. Of Scenarios	

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

### **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 fields:
  - Load Profile
  - Contact Allowed Flag (New Connections only)
  - Contact Telephone (New Connections only)
- **Commercial** – the contents of the current downloadable Eligible Customer files (MPRN and register level) plus the following fields:
  - Load Profile
  - Contact Allowed Flag (New Connections only)
  - Contact Telephone (New Connections only)
- **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	

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 ?	
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	
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
Last Actual Read Date				Y		Y	<b>NEW FIELD: Caveat:</b> Suppliers have been advised previously that it will not be possible to provide this field for technical reasons. This field was not included in the Dom Cust extract for the same reasons.
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	

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 ?	
Postal Code		X				Y	
City		X				Y	
Country		X				Y	
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			
Contact Allowed Flag							<b>NEW FIELD:</b> Only valid for New Connections (MP Stat = A). Value is Y or N. <b>Caveat:</b> inclusion of this field is still under review for DPA purposes and is not confirmed at this time.
Contact Telephone				Y			<b>NEW FIELD:</b> Only valid for New Connections (MP Stat = A). Only included when Contact Allowed Flag (above) = Y. Value is removed when MP is energised. <b>Caveat:</b> inclusion of this field is still under review for DPA purposes and is not confirmed at this time.
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

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 ?	
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
Meter Reading		X				Y	Group Field
Move in Date		X				Y	Group Field
ZGC		X				Y	Group Field