

Form A – IGG Design Discussion Request

Discussion Request Number	Title	Priority
DR 158	Addition of Generator Unit ID and Export arrangement ID to Extranet	Low

Name of Requesting Organisation	RMDS
Contact Name	Jessica Gregory
Date Request sent to RMDS	29th November 2007

Date	Version	Reason for Change
6 th May 2008	0.1	First draft
7 th August 2008	1.0	<i>Distributed to the market for approval</i>

Detail of Discussion Request
<p><u>Background</u></p> <p>A request was made by Market Participants to:</p> <ul style="list-style-type: none"> • Display the Generator Unit ID on the extranet at MPRN level (IGG held on 29.11.2007). • Facilitate a search on the extranet by Export arrangement ID (EARN), Generator unit ID and Generator ID. The data displayed as a result of the search would be at MPRN level and would remain the same as currently displayed. <p>The request was made due to a difficulty in linking an MPRN to a Generator Unit ID.</p> <p>It was decided that the Export arrangement ID would also be included under the heading of generator information on the extranet.</p> <p>For further information on the definitions of export arrangement ID and generator Unit ID please see Appendix 1.</p> <p><u>Proposed change</u></p> <p>In summary, the change involves:</p> <ul style="list-style-type: none"> • Adding the generator Unit ID, export arrangement ID and Generator ID to the extranet. • Adding 3 new search fields to the MPRN advanced search area of the extranet. <p><u>Adding the generator Unit ID, export arrangement ID and Generator ID</u></p> <p>It is proposed to create a separate tab on the MPRN Enquiry tab of the extranet called “Generator Information”. This tab, which is accessed via a menu button, will contain all generator relevant information. Once the user has clicked into this tab, they will be able to revert back to the header MPRN data by clicking on a button “back to MPRN information”.</p> <p>The generator tab will vary in its display depending on whether the customer is a participant or non-participant.</p>

Detail of Discussion Request

- **Non Participant:**
 - Export Arrangement ID/s is/are displayed (currently limited to a maximum of 3 in the Networks system. The proposed extranet design will be future proofed through the ability to display more than 3 items. That is, if the networks system is changed to allow storage of more than 3 export arrangement IDs, the extranet will not have to be changed to display this.) See Appendix 2 for proposed extranet design.
- **Participant:**
 - Retail Market Generation Unit ID is displayed
 - Generator Unit ID/s is/are displayed (Currently no MPRN has more than 3 Generator unit IDs stored against it. The extranet design is not limited to 3 and will be able to display a large number of IDs if required to do so.) See Appendix 2 for proposed extranet design.

Adding 3 new search fields under a new search heading (Generator Search) on MPRN enquiry screen.

When the Generator search item on the MPRN enquiry screen is selected the following 2 new search fields will be displayed:

- EARN
- Generator Unit ID
- Generator ID

The 2 new search fields will identify MPRNs associated with the EARNs and Generator Unit ID and Generator MPID. Note the relationships between these data items is as follows:

- MPRN: EARN - 1:N
- MPRN: Generator Unit ID - 1: N
- MPRN: Generator ID - could be 1:N but usually 1:1

The search will identify the MPRN or MPRNs associated with the search item. No changes will be made to the current display of data. See appendix 3 for mock up screens of this search.

Reason for Discussion Request

To:

- Facilitate the linkage between MPRN and Generator Unit IDs
- Provide more information on Generator sites in general

Market Design Documents impacted by Request**Retail Market Participant Extranet Website.doc**

Date of IGG where discussed	<i>29th November 2007</i>
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Change Request xref (if applicable)	
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PART 2 MARKET ASSURANCE:				
Applicability				
ESB Networks	Suppliers	TSO	SSA	Generators
Scope of Test				
Connectivity	DTT	MSA	IPT	Other
			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

Export Arrangement ID:

- Only relevant for Non participants
- What is the export arrangement ID:
 - A new field that was created by the Networks AIM project
 - This field was deemed necessary so that Networks could uniquely identify each generator unit (participant or non participant).
 - The export arrangement ID is used for communicating with market participants when the generator unit is a non participant generator unit.
 - The Export Arrangement ID is only communicated to the market participants when Networks have registered a supplier against a particular non participant generator unit
 - The Export Arrangement ID is populated on the 341 and 598 message
 - On the 341 the Export arrangement ID is populated where the Generator Unit ID would be populated if the site was a participant generator
- The number of non participant generator units is limited to three at any particular MPRN according to the market rules. This is a market limitation not a technical/system limitation.
- Please note that Export Arrangement IDs are only set up for sites where Networks aggregate the export data and send this data to the SEMO. There are other generators in the Networks system that would not have any Export Arrangement IDs e.g. TCON sites and Price Effecting Generator Sites

Generator Unit ID

- Each participant Generator in the SEM must register at least one generator unit with the SMO.
- Each generator - both participant and non-participant- will receive aggregated data at generator unit level.
- Each Generator unit must be part of a Trading site.
- There is no limit to the number of participant generator units that any MPRN can have. Currently, however, the maximum number of Generator Unit IDs actually held at any MPRN is three.

Generator MPID

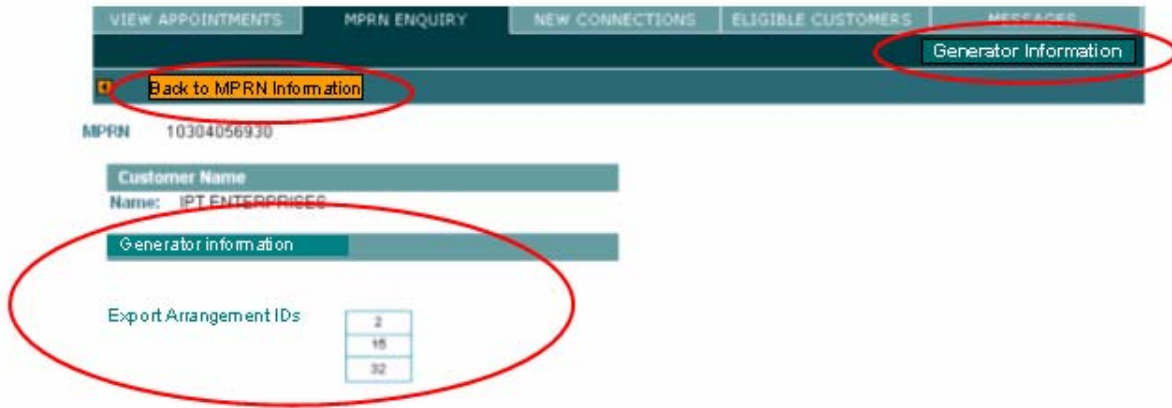
- This number is formed by concatenating the retail market generator ID (G34) with the Generator Sub Aggregation Code (GSAC). The result, for explanation purposes would be a Generator MPID of G34A

APPENDIX 2

Proposed Extranet Design

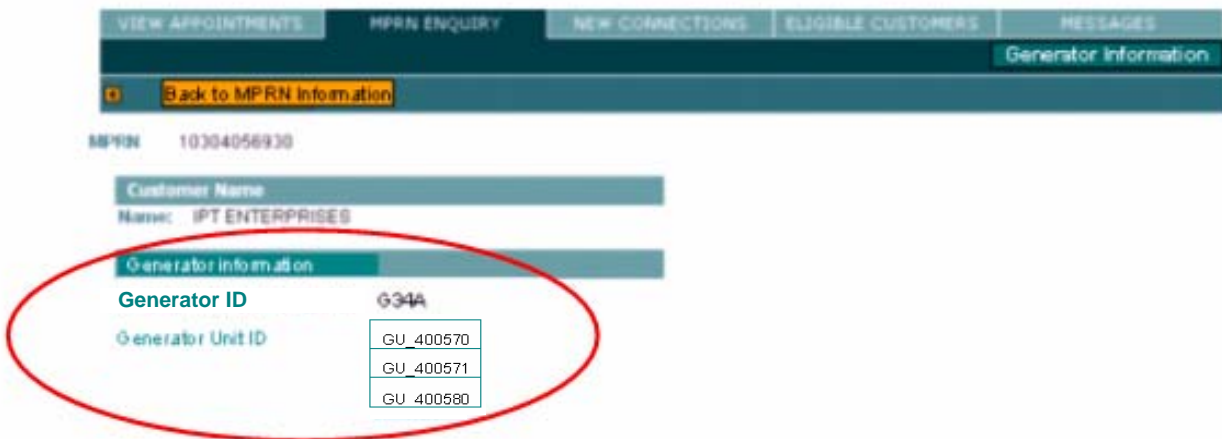
Generator Screen: Non-Participant

- Two pages exist for Generators: Participant and Non-participant. The appropriate page will be displayed depending on the type of generator being searched for.
- Retail Market Generation Unit ID is not present for non participants.



Generator Screen: Participant

- Generator Unit ID replaces Export arrangement ID. Currently there are only 3 for any MPRN in the system. This is not limited to 3. See following screenshot for display of what multiple may look like.



Generator Screen: Participant

- This screenshot displays multiple Generator Unit IDs. The same layout would be used for Non Participant display of multiple Export arrangement IDs.

The screenshot shows a web application interface with a navigation bar at the top containing links for 'VIEW APPOINTMENTS', 'MFRS ENQUIRY', 'NEW CONNECTIONS', 'BUSINESS CUSTOMERS', and 'MESSAGE'. Below the navigation bar is a 'Generator Information' section with a 'Back to MFRS Information' button. The main content area displays 'MFRN 10304058930' and 'Customer Name' as 'MPT ENTERPRISES'. Under the 'Generator Information' heading, the 'Generator ID' is 'G34A'. A table lists 'Generator Unit ID' values: GU_400570, GU_400571, GU_400580, GU_400589, GU_400591, GU_400596, GU_400597, and GU_400576. A red circle highlights this table.

Generator Unit ID	Generator Unit ID
GU_400570	GU_400545
GU_400571	GU_400599
GU_400580	
GU_400589	
GU_400591	
GU_400596	
GU_400597	
GU_400576	

APPENDIX 3

Addition of Generator Search on MRPN Enquiry Screen



Search Fields under Generator Search

