

**Market Change Request**

Number	Title	Priority
<b>MCR 0102</b>	MPD 7 (1.5): Distribution Connected Participant Generator turns Non-Participant. Partial replacement of MPD 7 (New Non Despatchable Generator) to satisfy new requirements for SEM Implementation.	<i>HIGH</i>

Date	Version	Reason For Change
25/10/2006	1.0	Draft for IGG Review
15/11/2006	1.1	As detailed in "Responses to AIP MCR Comments". <a href="#">Ref 4, 26, 27</a>

**PART 1 CHANGE REQUEST:**

<b>Name of Requesting Organisation</b>	<b>ESB Networks AIP / RMDS</b>		
<b>Contact name</b>	<b>Theresa O'Neill</b>		
<b>Date Change Request Raised</b>	25/10/2006	<b>Originating Discussion Request</b>	
		<b>DR</b>	'Impact of AIP on ROI Retail Market', Draft Ver 0.41

**Detail of Change Request**

In order to introduce the Single Electricity Market there are a number of changes required to the existing Retail Market processes. This MCR relates to the Market Process surrounding : Distribution Connected Participant Generator turns Non-Participant.

The reasons for the changes are :-

- The segregation of Generators which are Participant in the Single Electricity Market and those which are Non Participant
- New Metering Responsibilities for certain Generator sites across the TSO and DSO
- The formalisation of processes surrounding the Suppliers registered against export for Non Participant Generators
- The acceptance that Generators may decide to move from classification as Participant to Non Participant, and vice-versa, as time progresses

The current MPD 7 (New Non Despatchable Generator) will be replaced by the following:-

MPD 7 (1.1) New Distribution-Connected Non-Participant Generator (MCR0098)  
 MPD 7 (1.2) New Distribution-Connected Participant Generator (MCR0099)  
 MPD 7 (1.3) Update Non-Participant Generator (MCR0100)  
 MPD 7 (1.4) Non-Participant Generator turns Participant (MCR0101)  
 MPD 7 (1.5) Participant Generator turns Non-Participant (this MCR, MCR0102)

Non-Participant Generators may register Supplier Units against their export and hence differentiation is made between Supplier (Import) and Supplier (Export):  
 Supplier (Import) is the Supplier that is registered against the import at that site.  
 Supplier (Export) is/are the Supplier(s) that are registered against one or more Export Arrangements at the site.

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These changes will be reflected in the relevant market baseline products.

Detailed changes for MPD 7 (1.5) – Participant Generator turns Non Participant:-

New functions and events will be added to create a new process MPD 7 (1.5).

These changes are described below (from page 4), containing:-

1. History of Changes
2. ARIS Process Flow Diagram (ARIS screenshot)
3. ARIS Process Flow Diagram – Supporting Text
4. Supplementary Information

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**Note: Details of new Data Items and Definitions can be found in MCR 120.**

**Reason for Change Request**

Introduction of the Single Electricity Market

**Scope of Change Request**

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

Deleted: Y

**Identification of Baseline Products Impacted**

1. MPD 7 - New Non Despatchable Generator (replaced)
2. MPD 7 (1.5) – Distribution Connected Participant Generator turns Non-Participant (new)

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

PART 2 MARKET ASSURANCE:				
Applicability				
ESB Networks	Suppliers	TSO	SSASMO	Generators
Y	Y	Y	Y	Y
Scope of Test				
Connectivity	DTT	MSA	IPT	Other
			Y	
			No. Of Scenarios	
			TBC	
Date of issue of Change Request				
Date response is required				

PART 3 RESPONSES AND MODIFICATIONS:
Collation of Impact Assessment (from Form C)
Not Applicable
Modifications Included
Not Applicable
Reason for Modifications
Not Applicable

PART 4 ASSESSMENT & RECOMMENDATION:
Part 4(a) ASSESSMENT
Summary of Impact Assessment
Recommendation on Implementation Plan

Part 4(b) RECOMMENDATION			
ACCEPTANCE	REJECTION	NO RECOMMENDATION	COMMENT

<b>Reason for Recommendation</b>			
<b>Date of Recommendation</b>			

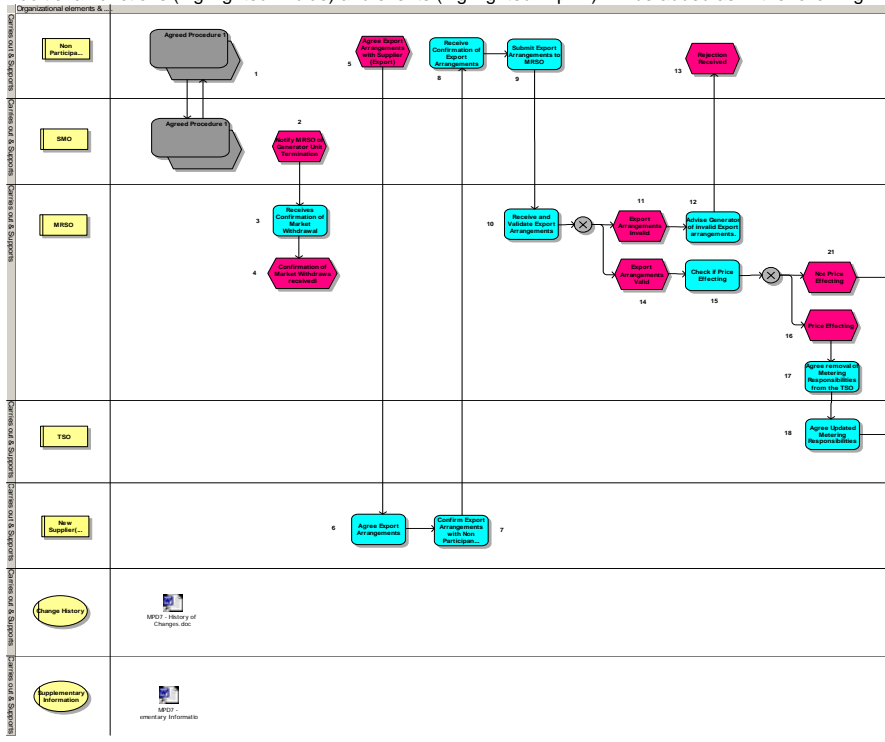
## 1. History of Changes

This Procedure includes the following changes

Source of Change	Description of Change
235	Changes to provisional acceptance criteria for change of legal entity
B37	Message 010 is used for all registrations
	Removal of 103 flow to New Supplier to inform of delay in processing due to need for additional information
	<b>No Changes since Version 3.1</b>
	<b>Change applied since version 3.2</b>
Design	Diagram updated to reflect that contact with DSO for quotation occurs before contact with SSA.
	<b>No changes applied since version 4.0 DRAFT</b>
	<b>Changes applied after version 4.1</b>
MCR0010	Update to include business rules re: provision of EAI code. The validation of EAI on 010 Message is included
MCR0040	Update to text in step 15 to confirm receipt of Market Accession Application GUAC recorded at step 19 not at step 47
MCR0024	Indicate that Non Despatchable Generators will follow the same related processes as for QH metered sites
	<b>Changes applied since Version 4.2</b>
MCR0044	Removal of Data Aggregation netting functionality.
DRR 0030	Updates to clarify flow of messages and sequencing of aggregation processing.
	<b>No changes applied since version 4.3</b>
	<b>No changes applied since version 4.4</b>
	<b>No changes applied since version 5.0</b>
	<b>Changes applied since Version 5.1</b>
<b>MCR0098- MCR0102</b>	<p><b>Amendments to satisfy new requirements of SEM implementation.</b></p> <p><b>Replace “New Non Despatchable Generator” with:-</b></p> <p><b>New Distribution Connected Non-Participant Generator 1.1 (MCR0098)</b></p> <p><b>New Distribution Connected Participant Generator 1.2 (MCR0099)</b></p> <p><b>WP 0014 Distribution Connected Non Participant Generator Export Arrangements Working Practice</b></p> <p><b>Update Non-Participant Generator 1.3 (MCR0100)</b></p> <p><b>Non-Participant Generator turns Participant 1.4 (MCR0101)</b></p> <p><b>Participant Generator turns Non-Participant 1.5 (MCR0102)</b></p> <p><b>This will necessitate changes to:-</b></p> <p><b>ARIS Process Flow Diagram and Supporting Text</b></p> <p><b>Supplementary Information</b></p>

2. ARIS Process Flow Diagram (ARIS screenshot)

Additional functions (highlighted in blue) and events (highlighted in pink) will be added as in the following AR



For a printout of the ARIS Process Flow Diagram across multiple pages please use the following file

### 3. ARIS Process Flow Diagram: Supporting Text

Details of the new processes where the Description expands on the Name are listed below.

1.

Name	<a href="#">Agreed Procedure 1</a>
Description	<a href="#">For details of Generator Unit registration with the SMO, please see Wholesale Market (Agreed Procedure for Participant and Unit Registration and Deregistration)</a>

2.

Name	<a href="#">Notify MRSO of Generator Unit Termination</a>
Description	<a href="#">The SMO will confirm to the MRSO that the Participant Generator will be leaving the market. Details of this communication can be found in Agreed Procedure 1, Appendix 3.</a>

5.

Name	<a href="#">Agree Export Arrangements with Supplier (Export)</a>
Description	<a href="#">The Generator will make arrangements with one or more Suppliers for the sale of electricity. Up to three arrangements may be made for one meter point. Each of these outputs is referred to as an "Export Arrangement".</a>

6.

Name	<a href="#">Agree Export Arrangements</a>
Description	<a href="#">Each Supplier must accept the defined Export Arrangements for the site. Details as to the layout of these forms can be found in Working Practice 014. The following should be included in the arrangement:-</a> <ul style="list-style-type: none"> <li>• Site MPRN,</li> <li>• Meter Point Address (compatible with standard retail format),</li> <li>• Meter Serial No(s).</li> <li>• Generator's agreement Reference</li> <li>• Definition of the Export Arrangements detailing Physical Metering arrangements where relevant,</li> <li>• Supplier ID,</li> <li>• Supplier Unit ID,</li> <li>• proposed effective date (for consistency with Participant registration).</li> </ul>



7.

Name	<u>Confirm Export Arrangements with Non Participant Generator</u>
Description	Each Supplier must confirm their consent to the defined Export Arrangements with of an Export Arrangement Supplier Consent Form. This form will document their ac the Supplier ID and Supplier Unit ID to be used. Details as to the contents and layc be found in Working Practice 014.

9.

Name	<u>Submit Export Arrangements to MRSO</u>
Description	Once the Generator has received Export Arrangement Supplier Consent Forms for Arrangements for the site this should be communicated to the MRSO via a Request Arrangements Form. This form will document the defined arrangements in terms o Percentage Split details per Export Arrangement. The Non Participant Generator v relevant Export Arrangement Supplier Consent Forms. Details as to the contents forms can be found in Working Practice 014.

10.

Name	<u>Receive and Validate Export Arrangements</u>
Description	<p>MRSO will validate the requested Export Arrangements as follows:</p> <ul style="list-style-type: none"> <li>• All mandatory information has been provided</li> <li>• The MPRN is valid, assigned and not terminated</li> <li>• The MPRN and metering details provided match those on record</li> <li>• The MPRN is set up as a Non Participant Generation site, effective from proposed export arrangement.</li> <li>• The Meter Point address submitted is consistent with that on SAP for the MPRN</li> <li>• Non Participant Generator name or RCN matches that on SAP for the MPRN (or relationship)</li> <li>• The site is QH</li> <li>• The site is not registered as a Participant Generator for effective start date of export arrangement</li> <li>• If the proposed effective date is in the current year, site has not already registered in the current year</li> <li>• The Supplier(s) is(are) valid and assured for this registration process</li> <li>• The site MEC &gt; 0, MEC &lt; 10 MW</li> <li>• Supplier ID / Supplier Unit combinations are valid</li> <li>• Any Supplier Unit is not a Trading Site Supplier Unit.</li> <li>• Any percentage split of export sums to 100%</li> </ul>

- |  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li>Data Collector confirms that the total export of the site is accounted for</li> <li>Proposed effective date is greater than 10 working days from the receipt date</li> </ul> |
|--|---|

12.

Name	Advise Generator of invalid Export arrangements.
Description	The MRSO will advise the Generator of, and the reasons for, any failure of the valid

15.

Name	Check if Price Effecting
Description	The MRSO will check if the site matches the criteria for when a participant generates the SEM.

17.

Name	Agree removal of Metering Responsibilities from the TSO
Description	<i>This step is included as a Placeholder. Content will be clarified following complete discussions.</i>

18.

Name	Agree Updated Metering Responsibilities
Description	<i>This step is included as a Placeholder. Content will be clarified following complete discussions.</i>

22.

Name	Set up Non Participant Export Arrangements
Description	MRSO will set up the requested Export Arrangements within their systems and define Arrangement Reference Number for each Export Arrangement for the site. They will also ensure that Generator MPID and Generation Unit ID are ineffective for dates following SEM exit date.

23.

Name	Confirm Export Arrangements to Generator
Description	MRSO will issue confirmation of each requested arrangement to the Generator. Details will include:- <ul style="list-style-type: none"><li>• MPRN,</li><li>• Meter Point address,</li><li>• generator (business partner) name,</li><li>• Meter Serial no(s),</li><li>• Export Arrangement Reference Number</li><li>• Generator's Agreement Reference</li><li>• Definition of the Export Arrangements detailing Physical Metering arrangements &amp; where relevant,</li><li>• Supplier ID,</li><li>• Supplier Unit ID,</li><li>• Effective Date.</li></ul>

25.

Name	Confirm Export Arrangements to Supplier
Description	MRSO will issue confirmation of each requested arrangement to the Supplier associated Unit defined. Details will include:- <ul style="list-style-type: none"><li>• MPRN,</li><li>• Meter Point address,</li><li>• generator (business partner) name,</li><li>• Meter Serial no.,</li><li>• Export Arrangement Reference Number</li><li>• Generator's Agreement Reference</li><li>• Definition of the Export Arrangements detailing Physical Metering arrangements &amp; where relevant,</li><li>• Supplier ID,</li><li>• Supplier Unit ID,</li><li>• Effective Date.</li></ul>

#### 4. Supplementary Information

##### Non Participant Generator Related Market Processes

The market processes as defined for Quarter Hourly metered sites (for example Change of Supplier, Change of Leg, Generators unless stated otherwise)