

Form A – IGG Design Discussion Request

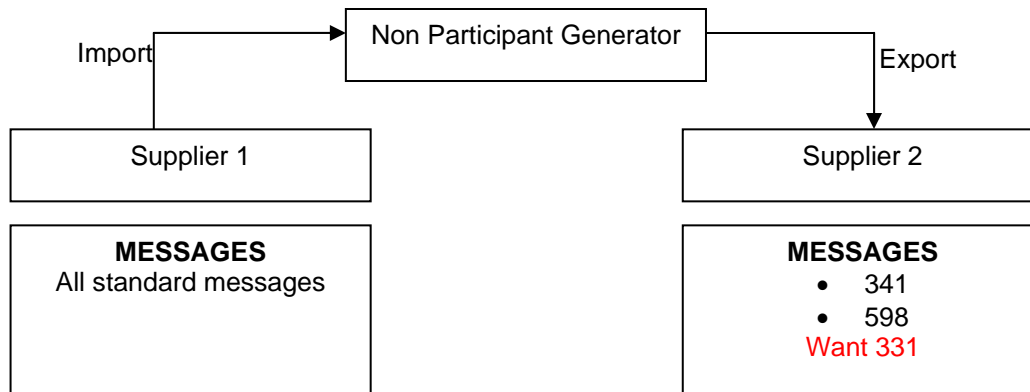
Discussion Request Number	Title	Priority
DR 165	Sending of 331MM when import and export are sent to different suppliers.	<i>Low</i>

Name of Requesting Organisation	Energia
Contact Name	Jessica Gregory in RMDS and Edward Barr in Energia
Date Request sent to RMDS	07th August 2008

Date	Version	Reason for Change
18th November 2008	0.1	First draft
25th November 2008	0.2	Added comment concerning export being split between 2 suppliers.
15th January 2009	2.0	Issued to the market

Detail of Discussion Request
<p>This DR concerns non participant generator sites where import and export are sent to different suppliers.</p> <p>The issue is that all standard messages (and specifically the 331MM) are sent to the registered supplier who receives import for the generator site, but would not be sent to the supplier who receives the export from the generator. The supplier who receives export only is sent the 341MM and 598MM only.</p> <p>Suppliers who use the 331 to set up their meter master data on their systems are therefore unable to do so in this particular situation. This results in them having to manually set up core meter data in order to receive the 341 message. If the meter data is not set up, the 341 message errors in their system. This situation can be summarised by diagram 1 below.</p>

Detail of Discussion Request



Detail

- The current design was based around the assumption that ESB Networks is under no obligation to send meter details to suppliers who were not the registered supplier of the site.
- There have been numerous developments since market opening and it is understood that there may be an increase in the number of cases described in this DR.
- The supplier who receives export only does have a commercial relationship with the site. This could support the concept that it is appropriate for this supplier to automatically receive meter details via the 331 message.
- It must be noted that this situation currently occurs with low frequency and there is a successful manual workaround. There are currently 48 Non-participant generator sites where there is a different supplier registered to buy the export compared to the import.
- The 341 message that is sent to the supplier receiving export contains the serial number and RM number of the 341 message sent to the supplier registered for import.
- Technically the 331 could be sent out to the supplier who receives export only. This would be processed in the same way as which the 341 and 598 are sent (using the sub POD where settlement unit indicates the supplier receives export).
 - There is a question as to **when** the 331 would be sent to the supplier receiving export. The supplier who is registered for import may be set up earlier than the supplier who receives export (months apart). That would mean the 331 could not just be sent at the

Detail of Discussion Request

same time to both suppliers. The supplier receiving export only would need to receive the 331 message when it is set up (when export arrangement created). The 331 message would need to be called once the export arrangement is set up.

- The export supplier would only be sent the initial set up 331 and not all subsequent 331 messages that may occur over the lifecycle of the site. That is, notification of subsequent metering changes would not be sent to the supplier who receives export only.
- The 331 will only be sent when supplier who receives export differs from supplier who is registered for import.
- The 331 will need to accommodate the situation where the export can be split between 2 or more suppliers. The central market system stores the meter details at a different level technically (sub meter level). The 341 contains the sub meter details. The 331 would need to consider this structure when being populated during the export set up.
- There is an assumption that the extent of notification to the supplier receiving export only is as follows:
 - 341 (currently being sent)
 - 598 (currently being sent)
 - 331 (New - 1 message only at initial data set up)

Design Impacts

- Significant development effort would be required in terms of triggering a new message from the export arrangement set up process. Large amounts of regression testing would be necessary.
- Weigh up two options
 - The infrequent manual data set up process
 - Large development effort to automate the sending of 331 when export arrangement ID is set up.
- This scenario may increase in frequency into the future due to the possibility of more wind farm set ups.

Reason for Discussion Request

Some suppliers have to manually create meter data/MPRN for the cases where they receive export only from a non participant generator. That is, they are not the registered supplier for import at a site. This manual process is seen to be time consuming and suppliers would prefer an automated process.

Detail of Discussion Request	
Market Design Documents impacted by Request	
MPD 7. New Distribution Connection Non-Participant Generator 1.1.v6.1	
Date of IGG where discussed	
Change Request xref (if applicable)	

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	X					