

Form A – IGG Design Discussion Request

Discussion Request Number	Title	Priority
DR 166	Allow incomplete set of reads for multiple meters to be accepted by ESNB	<i>Medium</i>

Name of Requesting Organisation	RMDS on behalf of Airtricity
Contact Name	Jessica Gregory (RMDS), Karen Cahill (Airtricity)
Date Request sent to RMDS	30 th October 2008

Date	Version	Reason for Change
18 th November 2008	0.1	First draft
9 th April	1.0	<i>Issued to the market</i>

Detail of Discussion Request
<p><u>See DR 114</u></p> <p><u>The issue</u></p> <p>Currently when Market participants submit reads via market message 210, validation is in place within the Central Market System (CMS) which prohibits the acceptance of an actual read as part of an incomplete set of reads for a site with multiple meters. That is, at a site with multiple meters, if a customer is only able to gather one read due to the other meter being obstructed or broken, the 210 message would be submitted with 1 actual read and 1 blank read. The CMS identifies an incomplete set of reads and rejects the 210 message with the 303R market message.</p> <p>The issue with this is that valuable read data is being lost. There are some legitimate cases where it is very difficult to read both meters (e.g. no access to one of the meters). If a customer is able to provide a</p>

Detail of Discussion Request

partial set of actual reads for their meters, it is better than not providing any actual reads. The argument is that customers are asking for their reads to be used but the reads are continually being rejected by ESBN as they fail validation in terms of being a complete set of reads. These actual reads should be kept and used to build a more accurate read history for the customer.

This DR is only concerned with customer reads on the 210 message.

It must also be noted that ESB Networks manages and maintains the meter reading data integrity. They have put controls in place (through various validations in messages for example) in an attempt to streamline the management of meter readings. Any proposed solution should not jeopardize the integrity of meter data.

Proposed Solution

Technically the central market system, market messages and supply systems would need to change in order to send and accept the incomplete set of reads. The schema would also need to change to accommodate the proposed solution.

Market Message Change:

- A new field could be added to the 210 message within segment **Supplier provided read**. The field could be labeled something like "No read collected" and would be an Integer (Boolean) on/off flag. The field could use the following values to denote on/off: 1 relates to a logical value of True/on while 0 relates to logical value False/off
- The field would only be relevant where there were multiple devices. If it was checked and only one device was submitted, the 210 would be rejected with 303R message.
- If multiple devices existed and this field was checked it would allow the Reading field to be left blank. That is, message validation within ESBN would allow for an incomplete set of reads providing the new checkbox was checked. The new checkbox would need to be marked for each device where a read could not be obtained.
- If a supplier checked the new field for all devices, the 210 would be rejected with 303R. That is, at least one device has to have a read.

The combination of an actual and blank read would be accepted into SAP. The actual read would be handled as per normal. If it was plausible, it would be accepted. If the read was implausible it would undergo the standard implausibility process and be estimated. The blank read would be automatically estimated.

Detail of Discussion Request	
A question was raised as to whether usage factors would be negatively affected if an estimate and actual read was submitted. It was confirmed by ESNB that the usage factor will be updated in all instances where there is a mixture of actual and estimated readings when a schedule meter reading order is billed.	
Reason for Discussion Request	
A requirement from Suppliers and Networks to accept more actual customer reads in order to improve reading history.	
Market Design Documents impacted by Request	
<ul style="list-style-type: none"> • MPD 14: Reading Processing Non QH v6.1 • Message document: 210 Supplier Provided Reading 	
Date of IGG where discussed	30.10.2008
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					