

### Market Change Request

Number		Title	Priority
<b>MCR</b>	<b>0124</b>	Update to WP 0007 Controls for Initial Data Aggregation	<b>HIGH</b>

Date	Version	Reason For Change
24/10/2006	1.0	Draft for IGG Review
15/11/2006	1.1	As detailed in "Responses to AIP MCR Comments". Ref. 4, 84

#### 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>	26/10/2006	<b>Originating Discussion Request</b>	
		<b>DR</b>	'Impact of AIP on ROI Retail Market', Draft Ver 0.41'

#### Detail of Change Request

The current Working Practice 0007 has been updated to reflect revised requirements from the EirGrid as regards controls surrounding Initial Data Aggregation. The nature of the changes are as follows:

- MRSO will send emails to TSO and not SSA, as currently
- Emails will relate to the 591 and 595 messages rather than the current 501, 504 and 505 messages
- Removal of communication regarding the CEDG file
- The frequency of the message sending will change to reflect the updated Aggregation timelines

#### Detailed changes to WP 0007 Controls for Initial Data Aggregation:-

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

1. WP 0007 Controls for Initial Data Aggregation

#### 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
	<b>Y</b>						

<b>Identification of Baseline Products Impacted</b>
<b>1. WP 0007 Controls for Initial Data Aggregation</b>
<b>Description of Trading &amp; Settlement Code Impact (if any)</b>

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

<b>Date of issue of Change Request</b>	
<b>Date response is required</b>	

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

<b>PART 4 ASSESSMENT &amp; RECOMMENDATION:</b>
<b>Part 4(a) ASSESSMENT</b>
<b>Summary of Impact Assessment</b>
<b>Recommendation on Implementation Plan</b>

--

<b>Part 4(b) RECOMMENDATION</b>			
<b>ACCEPTANCE</b>	<b>REJECTION</b>	<b>NO RECOMMENDATION</b>	<b>COMMENT</b>
<b>Reason for Recommendation</b>			
<b>Date of Recommendation</b>			

Work Practice ID	Title	Type	Status
WP 0007	Controls for TSO TuoS system for Initial Data Aggregation	WA	Issued

Date Raised	10/11/04	Implementation Date	04/01/05
-------------	----------	---------------------	----------

#### Change History

10/11/04 Version 1.0 Issued  
 28/02/05 Version 1.1 Issued Version (No changes to this WP)  
 07/03/05 Version 1.2 Issued Version (No changes to this WP)  
 14/03/05 Version 1.3 Issued Version – WP 0007 set to Active  
 24/10/06 Version 1.4 Issued Version (Changes for SEM)

#### Identification of Retail Market Design Baseline Products Impacted

MPD 16 2.1 Data Aggregation v 5.2 4.3-Draft

#### Reason for Working Practice

Controls for Initial Data Aggregation agreed with EirGrid ESBNG. This working practice formally documents the proposed workaround.

#### Working Practice

The purpose of this Working Practice is to document the agreed controls for Initial Aggregation

1. Controls to indicate that all relevant 341s have issued
  - MRSO will have a Control check that all QH demand data that has been included in the Daily Initial Aggregation has been sent on a 341 message.
  - MRSO will have a Control check that all QH demand data for PES relevant to that Settlement Day has been sent on a 341 message.

(a) Requirement to send 591 messages to TSO; The 591 message will have the same data as the current 501 message; The 591's sent to TSO from D+4 initial aggregation, will be used to create the CEDN file as the trigger for TSO in their DNGP file production;

(b) Requirement to send 595 messages to TSO from D+4 initial aggregation

(c) The CEDQ is to be produced based on the 595 messages and is the trigger for TSO for the 341 messages being collated for the day

2. Confirmation Emails
  - Two Three emails will be sent by MRSO to TSO SSA to confirm the sending of Initial Data Aggregation messages per settlement day and in accordance with the agreed Market Design.
  - Each of the two-three emails will contain one CSV relating to one of the 591 or 595 505,504,504 messages.
3. Format of CSV files
  - The format for each of the CSV files is set out below

--

**Format of CEDG File – Confirmation End of Day Generator Export Data**

Format of CEDN File - Confirmation End of Day Non Quarter Hour Meter Data	
<b>File Description</b>	
MRSO will send an email with a CEDN file attachment for a given settlement day.	
Data Flow Identifier:	CEDN
Filename:	Confirmation End of Day Non Quarterly Hour Metered Data
Sender of File:	DSO (MRSO)
Receiver of File:	<del>ESB National Grid</del> EirGrid TSO
<ul style="list-style-type: none"> <li>Header Record – this record contains the file identifier, settlement date, creation date and time stamp, total number of detail records;</li> <li>Detail Record 1: this record contains the transaction reference numbers for the <del>591-504</del> XML messages that are required for a given settlement day along with the aggregated kWh total for both DLF and non DLF amounts for each <del>591-504</del> message following Initial Aggregation.</li> </ul>	
<b>Frequency</b>	
MRSO will send a CEDN file by 5.00 pm <del>5 week/work</del> <del>10 business</del> days after the settlement day in question. In addition for any given settlement day there will be only one CEDN file sent by the MRSO so versioning is not required.	
<b>File Naming Convention</b>	
The file name will follow the following convention:	
<ul style="list-style-type: none"> <li>Data Flow ID (DDDD)</li> <li>From Market Participant ID (MPID)</li> <li>Settlement Day (YYYYMMDD)</li> </ul>	
The file name will be CEDN_MRSO_20040801.csv for the attachment for 1 <sup>st</sup> August 2004	
<b>File Format</b>	
The file will be formatted as a flat file (CSV). There is no requirement to add padding characters where the length of the field value is less than the specified field length.	

File Header				
Seq. No	Field name	Rules Variables	Format	Description
1.	Record Type	N/A	CHAR(2) <i>[Oracle notation VARCHAR2(2)]</i>	The record type - 'H'.
2.	File Identifier	N/A	CHAR(4) <i>[Oracle notation VARCHAR2(4)]</i>	The logical name of the file – CEDN.
3.	Settlement Date	N/A	DATE(8)	The settlement date format will be YYYYMMDD.
4.	Date and Time Created	N/A	DATE(16)	The file creation date and time stamp format will be 'YYYYMMDDHH24:MI:SS'.
5.	Total Count of Detail Records	N/A	NUMBER(5)	Count of Detail Records
Detail Record D1 <del>591-504</del> Message Wrapper				
1.	Record Type	N/A	ALPHANUMERIC (2) <i>[Oracle notation VARCHAR2(2)]</i>	The record type - 'D1'.
2.	Transaction Reference Number	N/A	ALPHANUMERIC (35) <i>[Oracle notation VARCHAR2(35)]</i>	

# MCR 0124 Update to WP 0007 Controls for Initial Data Aggregation v1.1

3.	Checksum 1	N/A	NUMBER(18,2)	The kWh non-DLF aggregation of the consumption data of that message
4.	Checksum 2	N/A	NUMBER(18,2)	The kWh DLF aggregation of the consumption data of that message.

**Format of CEDQ File - Confirmation End of Day Quarter Hour Meter Data****File Description**

MRSO will confirm by issuing an email with the CEDQ file as an attachment for a settlement day that all necessary 341 XML messages used to produce the aggregated ~~595 606~~ XML message have been sent to the TSO/SSA.

Data Flow Identifier: CEDQ  
 Filename: Confirmation End of Day Quarterly Hour Metered Data  
 Sender of File: DSO (MRSO)  
 Receiver of File: ~~ESB-National-Grid~~ EirGrid TSO

Header Record – this record contains the file identifier, settlement date, creation date and time stamp, total number of detail records;  
 Detail Record 1: this record contains the transaction reference numbers for the ~~595 606~~ XML messages that are required for a given settlement day along with the aggregated kWh total for both DLF and non DLF amounts for each ~~595 606~~ message following Initial Aggregation.

**Frequency**

MRSO will send a CEDQ file by 5.00 pm ~~5 week/work 40 business~~ days after the settlement day in question. In addition for any given settlement day there will be only one CEDQ file sent by the MRSO so versioning is not required.

**File Naming Convention**

The file name will follow the following convention:

- Data Flow ID (DDDD)
- From Market Participant ID (MPID)
- Settlement Day (YYYYMMDD)

The file name will be CEDQ\_MRSO\_20040801.csv for the attachment for 1<sup>st</sup> August 2004

**File Format**

The file will be formatted as a flat file (CSV). There is no requirement to add padding characters where the length of the field value is less than the specified field length.

**File Header**

Seq. No	Field name	Rules Variables	Format	Description
1	Record Type	N/A	CHAR(2) [Oracle Notation VARCHAR2(2)]	The record type - 'H'.
2	File Identifier	N/A	CHAR(4) [Oracle Notation VARCHAR2(4)]	The logical name of the file – CEDQ.
3	Settlement Date	N/A	DATE(8)	The settlement date format will be YYYYMMDD.
4	Date and Time Created	N/A	DATE(16)	The file creation date and time stamp format will be 'YYYYMMDDHH24:MI:SS'.
5	Total Count of Detail Records	N/A	NUMBER(5)	Count of Detail Records
<b>Detail Record D1 <del>595 606</del> Message Wrapper</b>				
1	Record Type	N/A	ALPHANUMERIC (2) [Oracle notation VARCHAR2(2)]	The record type - 'D1'.
2	Transaction Reference Number	N/A	ALPHANUMERIC (35) [Oracle notation VARCHAR2(35)]	
3	Checksum 1	N/A	NUMBER(18,2)	The kWh non-DLF aggregation of the consumption data of that message
4	Checksum 2	N/A	NUMBER(18,2)	The kWh DLF aggregation of the consumption data of that message.