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**
		End Date	**25/09/2024**

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)
15/11/06 Version 1.5 Issued Version (Revised for 'Responses to AIP MCR Comments')
25/09/24 Version 1.6 End Date added

Identification of Retail Market Design Baseline Products Impacted

MPD 16 2.1 Data Aggregation v 5.2

Reason for Working Practice

Controls for Initial Data Aggregation agreed with EirGrid. 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 emails will be sent by MRSO to TSO to confirm the sending of Initial Aggregation messages per settlement day and in accordance with the agreed Market Design.

   - Each of the two emails will contain one CSV relating to one of the 591 or 595 messages.

3. Format of CSV files

- The format for each of the CSV files is set out below

Format of CEDN File - Confirmation End of Day Non Quarter Hour Meter Data

File Description

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: 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 591 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 591 message following Initial Aggregation.

Frequency
MRSO will send a CEDN file by 5.00 pm 5 week/work 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.

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 CEDN_MRSO_20040801.csv for the attachment for 1st 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 – 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 591 Message Wrapper

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.

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 XML message have been sent to the TSO.

Data Flow Identifier: CEDQ
Filename: Confirmation End of Day Quarterly Hour Metered Data
Sender of File: DSO (MRSO)
Receiver of File: 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 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 message following Initial Aggregation.

Frequency
MRSO will send a CEDQ file by 5.00 pm 5 week/work 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 1st 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

Detail Record D1 595 Message Wrapper

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.