



Work Practice ID	Title	Type	Status
WP 0016	Document the procedure to be used for like-for-like replacement of a QH meter	WA	Active

Date Raised	21.11.2007	Implementation Date	02.05.2008 (MCR 0160 approved)
		End Date	25/09/2024

Change History

Version	Date	Comment	Checked by
0.1	21.11	First version	
1.0	21.02.2008	Baselined at 1.0 for Distribution to the Market (DR 153)	
1.1	25/09/2024	End Date added	

Identification of Retail Market Design Baseline Products Impacted

N/A

Reason for Working Practice

Quarter Hour (QH) sites are polled daily and the consumptions are included in a segment on a 341 consumption message in respect of that day¹.is issued from the central market systems. The 341 message includes the meter serial number.

The difference in timing between the polling of the new meter (typically day of installation) and the arrival of the service order document in MD Database (up to 2 weeks) means that the 331 meter works market message in respect of the change may issue two weeks after the first 341 message has issued for the new meter.

The 341 message takes the meter serial number from the record on the Central Market System (CMS). When the supplier performs monthly billing, 14 days of 341 data in respect of the meter point may fail billing checks.

As a result PDS has devised a process whereby the Central Market System is updated on foot of an e-mail following the update of the MV90 meter polling system. This generally eliminates the delay or reduces it to very short periods.

The purpose of this Working Practice is to document that process.

Working Practice

Scope

This working practice covers the updating of market systems following:

- Like for like replacement of a Quarter Hourly meter
- Changes in VT/CT ratios where a QH meter is installed.

The procedure does not cover the updating of market systems following:

- NQH to QH conversion

¹ 2 messages in the case of an export site: one for the two import channels; one for the two export channels.



Process for Updating the Central Market System for a like-for-like QH Meter Replacement

Step	Description	Action
1	NT replaces QH meter with another QH or removes a QH meter	NT
2	PDS update MV90 (normally be same day on foot of NT phone call)	PDS
3	PDS send an e-mail to MRSO cc MD.DATABASE@esb.ie with the details shown on the Meter Change template below (as updated on MV90)	PDS
4	MD Database contact the local area requesting them to finish the call on the call scheduling legacy system ('AREAS').	MD Database
5	MRSO time slice the profile allocation for the MPRN	MRSO
6	MD database update SAP. The 331 meter works market message issues.	MD Database
7	MD Database advise MRSO to re-allocate profile	MD Database
8	MRSO re-allocate the profile	MRSO
9	Paper CX arrives in MD Database	trigger
10	MD Database verify that it matches the details already entered (see notes 2 and 3 below).	MD Database
11	MD database notify PDS if any discrepancy	MD Database

Template for Meter Change e-mail from PDS to MD Database

SERV ORD	MPRN	OLD SERL NO	NEW SERL NO	DT OF EXCH	NT NAME	Old CT/VT	NEW CT/VT	COMMENTS

Notes

Note	Ref.	Description
1	8	Allocation of profiles. A new QH meter may be installed some time before it registers consumption. No profile will be allocated to the meter and SAP will not look for consumption from that meter. A profile is allocated to the meter on the first day that it registers consumption.
2		In some cases - e.g. LV to MV changeover - the total consumption of a site is shared between a new meter and an old meter during the changeover period. In these cases, PDS will set the 'date of exchange' by convention to be the first date that the new meter registered consumption. This means that the total consumption will be allocated to the new meter from that date. (In SAP the profile will be reallocated from that date also.) In these cases, the paper CX, when it arrives, will show an earlier date of installation for the new meter.
3		CTs and/or VT ratios may change at the same time as the QH meter is exchanged. The template provides for this information to be passed to SAP to keep it in line with MV90.

Supplementary Information

The roll out of the handheld devices for NTs will reduce the issue of delayed service order updates to the CMS. This process can be reviewed at that point.

