

Form A – MIG Design Discussion Request

Discussion Request Number	Title	Priority
DR 0107	Proposal to modify the Readings Processor to allow it to handle export date	High

Name of Requesting Organisation	BG Cogen
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Date Request sent to ESB MOIP	17 th Feb 2006

Detail of Discussion Request

At present the readings processor converts newly-received 341 messages with import data into a single file in the format of the interim MRSO system (legacy format).

As a result of Working Practice 12 a Generator now has the option of nominating a supplier to receive QH data on its behalf. However, at present, if this supplier uses the readings processor the export 341s will be ignored by the software.

This change request proposes that the readings processor be modified to process these messages into a separate export interval data file in the same format as the import file.

The table below details how the Readings Processor currently handles 341 messages i.e. QH data.

MPRN	The MPRN as per market message
Date of Reading	The Read Date as per market message in DDMMYY format
Time of reading	The IntervalPeriodTimestamp time in 24 hour HHMM format. This starts at 0015 and ends at 2400. (Includes clock changes)
Interval	The MeteringInterval as per the market message.
Units	Hard-coded to KW.
Status of KW Reading	A mapping of the QHIntervalStatusCode and ChannelStatus . The mapping is defined in Channel Status Mapping Section .
KW Reading Value	If the RegisterTypeCode =50, this will be the QHIntervalValue otherwise 0.00
Status of KVAR Reading	A mapping of the QHIntervalStatusCode and ChannelStatus . The mapping is defined in Channel Status Mapping Section .
KVAR Reading Value	If the RegisterTypeCode =51, this will be the QHIntervalValue otherwise 0.00

A change is now required to the Readings Processor so that if a 341 is received with export data a separate file is created and the following logic used:

MPRN	The MPRN as per market message
Date of Reading	The Read Date as per market message in DDMMYY format
Time of reading	The IntervalPeriodTimestamp time in 24 hour HHMM format. This starts at 0015 and ends at 2400. (Includes clock changes }
Interval	The MeteringInterval as per the market message.
Units	Hard-coded to KW.
Status of KW Reading	A mapping of the QHIntervalStatusCode and ChannelStatus . The mapping is defined in Channel Status Mapping Section .
KW Reading Value	If the RegisterTypeCode =52, this will be the QHIntervalValue otherwise 0.00
Status of KVAR Reading	A mapping of the QHIntervalStatusCode and ChannelStatus . The mapping is defined in Channel Status Mapping Section .
KVAR Reading Value	If the RegisterTypeCode =53, this will be the QHIntervalValue otherwise 0.00
Reason for Discussion Request	
To facilitate Suppliers who wish to receive messages on behalf of a generator	
Market Design Documents impacted by Request	
Date of MIG where discussed	
Change Request xref (if applicable)	