**Energy - Flow Data Help Text**

**Report Title: User Defined Download**

**Publication Timescale:** User Defined

**Publication Time:** User Defined

This provides users with a flexible data download facility. Users can select any

combination of sub–terminals/terminals to download, and can define the

download period.

* Data provided up to 5 decimal places
* Data is provided in a .csv format
* Up to 2 years history will eventually be available.
* Data is provided in 2-minute granularity.

**Defining Data Downloads –**

User’s can define the download period either by:

* Entering their own dates or
* Using one of the 3 pre defined download options. These are:

o Last Update – The latest 12 minute published data will be available to download.

o Last Hour – The last hours published flows will be available to download.

o Last 24 hrs – The latest 24 hours published flows will be available to download.

Users have option to select either the “Originally published data”, or the “Latest

available data” (which includes any metering amendments).

Users can select any combination of storage, sub-terminals & terminals to

download.

* Historical data will be available for all sites/aggregated groups that have been published over the period (not just the current configuration).

The following data quality indicators will also be provided in the .csv file:

* Amended - Data is manually amended and time stamped.
* Late - Data for time slot is received late
* Expired - Failure in telemetry.
* Substituted - Data is missing and the last known good value is published.

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**File Sizes -**

The maximum file download size is restricted to approx. 20MB. This equates

to:

* Approx 2 weeks of data for 30 Entry points
* Approx 40 Days of data for 10 Entry points
* t could take up to 10 minutes to download a 20 MB file.

**Graph –**

A graph is available for users to view the data graphically prior to downloading

the data.

* Data will be displayed as per the configuration rules.
* In case an Entry Point is not configured for publication for a certain period of the selected time period, then the line plotted for the entry point will be discontinuous.
* If there is no data to retrieve for the selection criteria, a message “No Data Found” will be displayed on the graph

**Downloading Data**

Data should be reviewed with reference to Notes due to the potential confusion

that could be caused as a result of configuration changes.

* Download time will be dependent on the size of the download.
* Downloading data for many entry points will take a longer time than downloading data for a lesser number of entry points for the same time period.
* Only partial data will be available if the download is opened in MS Excel when many objects are downloaded. This is because MS Excel has a limited number of rows. This issue can be avoided by:

o Opening up the downloaded file in MS Access or similar package

o Selecting a shorter time period for download

o Selecting fewer entry points

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