

CP1345 ‘Using XML Files between National Grid and BMRA/SAA’

Proposed changes to NETA IDD Part 2 v26.0.

Modify section 2.1.2.2 ‘NGC File Format’ to reference the intention to use XML for new or amended data files received from National Grid.

Redlined extract from NETA IDD Part 2 v26.0:

2.1.2.2 NGC File Format

Data received from the System Operator (described in this document as flows BMRA-I002 and BMRA-I003) will be formatted according to the SO’s specification for the flows, given in [NGCSPEC]. For the avoidance of doubt, this format is amplified as follows:

1. The first line of the file will contain an asterisk and the file name.
2. The second through fifth lines of the file will start with an asterisk and will be ignored.
3. The last line of the file will begin with the characters ‘<EOF>’.
4. Lines not beginning with an asterisk or ‘<EOF>’ will contain data records. A data record consists of fields separated by commas as illustrated in Section 14 of [NGCSPEC].
5. A checksum is not included in these files.

The files use the ASCII character set.

In addition, receipt of these files will not be acknowledged by the BSC Central Systems in any way. Files contain sequence numbers - each file type has its own sequence, and duplicate or missing file detection is the same as described in section 2.2 of Part 1, except that instead of sending an out of sequence message, a warning is logged so that the operator can instigate manual processed to resolve the problem.

[NGCSPEC] defines one file which has a different format: the System Warning file, file name SYS_WARN_<CREATION DATE>.bmr. This is a free format text file with no special formats for the first five lines or the last line.

An exception is the SO-SO Price interface (BMRA-I025). This data is also provided as an XML file, but in a format defined by the XML Schema for Merit Order List documents (published in the ENTSO-E Reserve Resource Planning [EDI library](#)).

All other interfaces with the System Operators will use the common conventions specified in Section 2.2 of Part 1 of the Interface Definition and Design.

NOTE: following implementation of the new Electricity Balancing System (currently scheduled for 2013), we plan to begin migrating all interfaces with the System Operator from CSV to XML. Our intention (subject to confirmation when assessing the relevant Modification Proposals or Change Proposals) is that all new or amended files provided by the System Operator, whether in relation to BMRA-I002, BMRA-I003 or any other relevant interface requirement, will make use of an XML format. The details of this format will be agreed with the System Operator closer to the time, and will then be defined in [NGCSPEC].