

## PQLog 2.2 Release Notes

**Statistical analysis** (EN50160-Analysis) has increased flexibility to meet requirements of the marginally different national standards:

- '95%' for any value is independently selectable – 'x%'
- '100%' for Voltage harmonics is selectable (e.g. 99.9%)
- Added additional limits for 'x%' and '100%' selectable (except for Mains signaling voltage and for Interharmonics)
- Empty limit input field suppresses statistical analysis of this parameter (i.e. no bar in bar chart)
- More Limit value level files:  
The three 'old' files enable analysis by the same criteria as in the previous versions of PQLog and CODAM software. The additional file "EN50160-2010 LV MV" is modified to meet the new edition of the standard for low and medium voltage (e.g. limit for interruption 5%). The additional file "NMa-2009 LV MV" is an example for an adaption to a national standard (NL). Users can generate specific files by copying and modifying to solve specific applications and to meet the requirements of national standards. See also manual for PQLog.

### **Single phase L1 analysis**

Defining 'Single Phase L1' before opening a 'Wye'-job limits the analysis to phase L1/A and prevents the analysis of the further phases L2/B and L3/C, this suppresses an error indication due to missing values of phases L2/b and L3/C. The implementation is similar to the function of 'Single phase power system' -jobs and to the previous CODAM software, 'L1'. It does not work with 'Delta' configurations.

### **NeQual 1.3** (export of a specific xml-file)

Changes of input and output according to the new version 1.3