

Voltage swell or dips

Less than 1 min and -15%/+10% nominal voltage

14 events

10 to 1000 allowed per year

Short interruptions

Less than 3 min and under 1% nominal voltage

6 events

10 to 100 allowed per year

Long interruptions

More than 3 min and under 1% nominal voltage

0 events

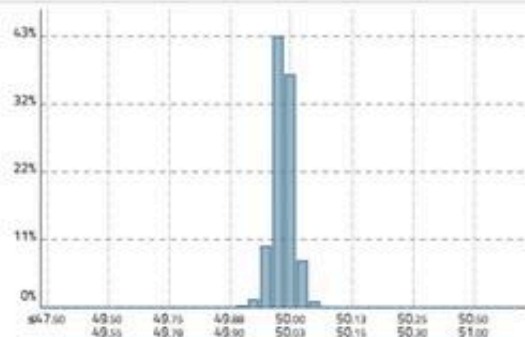
10 to 50 allowed per year

Harmonics

Harmonics in valid ranges as detailed in EN50160

100.00% of time in range

Grid frequency



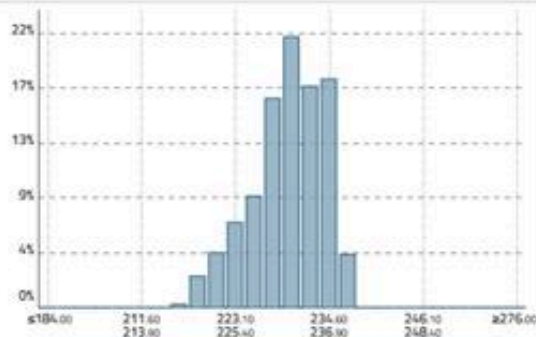
99.5% of the year between $50 \pm 1\%$ Hz with no events allowed outside 47 to 52 Hz

100.00% of time in range

90%

100%

Grid Voltage



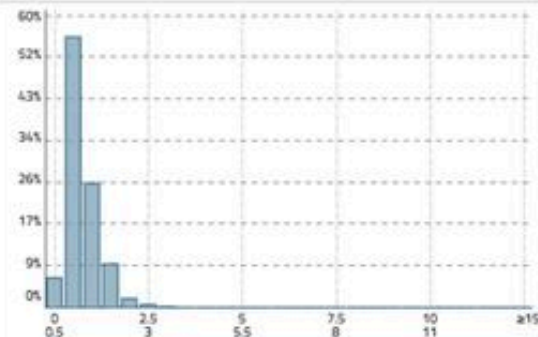
95% of the year between $230 \pm 10\%$ V with no events allowed outside $\pm 10\%$

100.00% of time in range

90%

100%

Harmonic distortion



100% of the year under 8%

100.00% of time in range

90%

100%