
IEEE-519 Evaluation

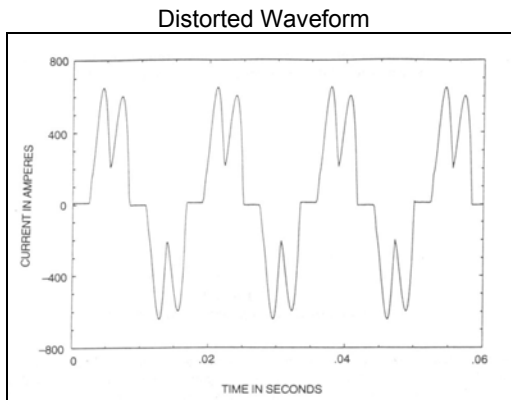
Many new drive installations require an IEEE-519 evaluation.

We have the equipment and experience to get the job done!

An IEEE-519 Evaluation Includes:

On-Site Electrical Measurements:

- Voltage and Current
- Harmonic Voltage Spectrum
- Harmonic Current Spectrum
- Total Harmonic Distortion (Voltage & Current THD)
- Watts, Vars, & Power Factor



Review & Analysis of Collected Data:

IEEE-519 specifies acceptable limits for voltage & current distortion. Voltage limits are fixed by system voltage level, while current limits may vary from one electrical location to another. The review and analysis determines which limits are appropriate for each location, and contrasts these with the harmonic distortion levels measured on-site.

Measured data and the IEEE-519 limits are included in an evaluation table, along with a written discussion of the findings and recommendations (where appropriate).

A detailed report is provided that contains all the items mentioned above, along with samples of recorded data.