

Cool drink manufacturer in Limpopo Province

In 2008, a well-known cool drink manufacturer was experiencing production challenges with a new bottling line. Preliminary investigations revealed that power quality issues could be the cause of the problem and we were called in to carry out a detailed network analysis.

The **audit revealed excessive harmonic levels** present in the system. **Active harmonic filters were installed at various hotspots.**

The resulting reduction of harmonic levels to within acceptable limits, resulted in the bottling line achieving nameplate production levels.

The graph below shows the reduction in Total Harmonic Distortion (Current)(%) through the fitment of the active harmonic filters

