

The Harmony of Power



BACKGROUND:

Tamil Nadu Steel is manufacturing steel products at its facility in Chennai. It has 2 nos of Transformers at its facility that are connected in parallel configuration and working 24/7 through the year without break.

PROBLEM:

TNEB after site inspection issued a notice to Tamil Nadu Steels to reduce the amount of harmonics.



SECTOR:

Industrial / Manufacturing

PRODUCT:

Active Harmonic Filters

SOLUTION:

After a detailed inspection and identification of the causes of the harmonic at the facility, the team recommended installation of a 300 Amps AHF with CT.

RESULT:

After the installation of the AHF with CT the harmonics level was controlled within the limit set by TNEB for both the transformer.

