



Power Factor Correction

Power Factor Correction equipment can provide significant savings. However, it is often neglected and its effectiveness can diminish over time as the capacitors degrade. Switchboard loading can change and harmonics can be introduced that can harm the capacitors and even raise the danger of fire.

We are able to provide Power factor surveys and harmonic studies to determine the suitability of your existing PFC equipment or we can provide you with new purpose-built equipment designed for your installation.

We have carried out a number of PFC replacement sections where we have designed a section to match the existing busbar system and seamlessly replaced a redundant section including busbars, door interlocked isolator, controller, contactors, fuses, capacitors, indication, detuning reactors, and thermal management.

Where harmonic problems are suspected, we can carry out full harmonic surveys and fit detuning reactors where required.



Power Factor Correction equipment supplied to major UK food factory. Panel includes controller, capacitors, contactors, stage fuses, detuning reactors, door interlocked isolator, thermal management, fans and alarms.