

IPU Fuel Conditioning Case Study

Fuel Conditioning Packages

APPLICATION: Bank, Data Centre
LOCATION: London

SOLUTION:

On the first visit it was established that the company’s five sites were experiencing different levels of issues; from filters blocking, to difficulty with backup system start up and even unreliable running of generators.

After carrying out thorough site surveys, the IPU fuel specialists established that the fuel was highly contaminated. Of the five sites investigated, one fuel tank had serious water contamination while the remaining four sites had fuel tanks containing critical levels of dirt and particle contamination.

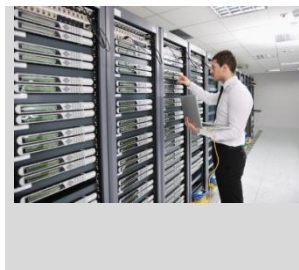
Firstly, immediate action was to address the worst tanks. The tanks were cleaned using a fuel filtration rig, built by IPU, which is designed to remove particle contamination and water through depth filtration.

IPU then designed and commissioned Diesel Defence units for the storage tanks on all five sites. Once fitted, on-tank filtration systems continuously maintain and improve the cleanliness of stored fuel, simultaneously ensuring that any water particles are removed.

An ongoing fuel maintenance programme has been implemented; including scheduled fuel sampling and testing and regular maintenance of the generator sets.

The new on-tank systems are checked to ensure the fuel is clean and dry. The sampling and testing of stored fuel is now run through the IPU fuel laboratory, for fast and accurate results.

For more information contact a member of our Fuel Conditioning Team on +44 (0) 121 511 0400



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