

Generating Power

Project Name:

Thomson Holidays - Luton

Client Name: N.G. Bailey



Project Summary

Power Electrics (Bristol) Ltd. has successfully completed the installation of a 1000KVA diesel generator into the H.Q. of Thomson Holidays in Luton.

Thomson's HQ houses all the administrative operations for the company's vast holiday programmes. With responsibility for such a personal and broad range of operations it is vital that power failure possibilities are negated.

Power Electrics (Bristol) Ltd. undertook a project management role on this contract – product design, supply and commissioning.

The contract award re-enforces the long standing relationship with the N.G. Bailey organisation.



Equipment Summary

Generator – F.G. Wilson Eng. continuously rated model P1000P1, 1000KVA, 800KW, 1390 Amps, 230/400 Volts, 3 Phase, 50Hz AC diesel driven generating set, running @ 1500 rpm. mounted on heavy duty steel base frame. Complete with lead acid starting batteries and 4001E set mounted auto start control panel.

Engine – Perkins 4008TAG2A – 8 cylinder, in line formation, water cooled, turbo charged and air to air charge cooled, with electronic governor and mains coolant heater.

Alternator – Leroy Somer single bearing brushless design.

Enclosure – Generator houses in a 'drop-over' acoustic enclosure giving a 75db(A) @ 1 mtr.

