

Edinburgh College

160kW CHP Installation

Who – Edinburgh College

What – Installation of CHP unit and additional pipework to join into existing gas boilers.



Edinburgh College is one of Scotland's biggest colleges with around 19,000 students.

Edinburgh College came to us with the task of installing a CHP unit and connecting it into their current gas boiler system to meet their on going heating and power needs.

NerG chose to install a German manufactured unit which would give them enough heat and power to take over the majority of work done by the existing boilers. Any excess electricity produced by the CHP unit can be fed back into the grid and therefore create another source of income and create a high level of independence from fluctuations in the energy market.

The main benefits to Edinburgh College were:

- Saves up to 40% of primary energy
- Being able to produce sufficient heat for the college from CHP alone
- Additional income by feeding electricity back into the grid
- Independence from fluctuations in the energy market

