

EDINA CHP PRESCRIBES OVER £120K SAVING FOR LANCASHIRE TEACHING HOSPITALS NHS FOUNDATION TRUST



CASE STUDY CHORLEY AND SOUTH RIBBLE TEACHING HOSPITAL

Edina was awarded the turnkey contract to deliver a 600kWe combined heat and power (CHP) plant as part of the hospital's requirement to reduce energy costs and CO₂.

The MWM manufactured TCG 2016 V12 reciprocating gas engine is housed within a containerised acoustic attenuated enclosure and installed adjacent to the existing boiler house with the balance of plant including engine heat recovery system, exhaust system and stack.

During the summer months, the CHP plant provides the majority of the hospital's thermal load and during winter provides a significant contribution to the site's base load.

The CHP system has reduced the hospital's CO₂ emissions to approximately 817 tonnes per year, maintains security of power at site and saves over £125,000 per year for the Lancashire Teaching Hospitals NHS Foundation Trust.

Discover the full story at:
www.edina.eu/chorley-and-south-ribble-hospital/