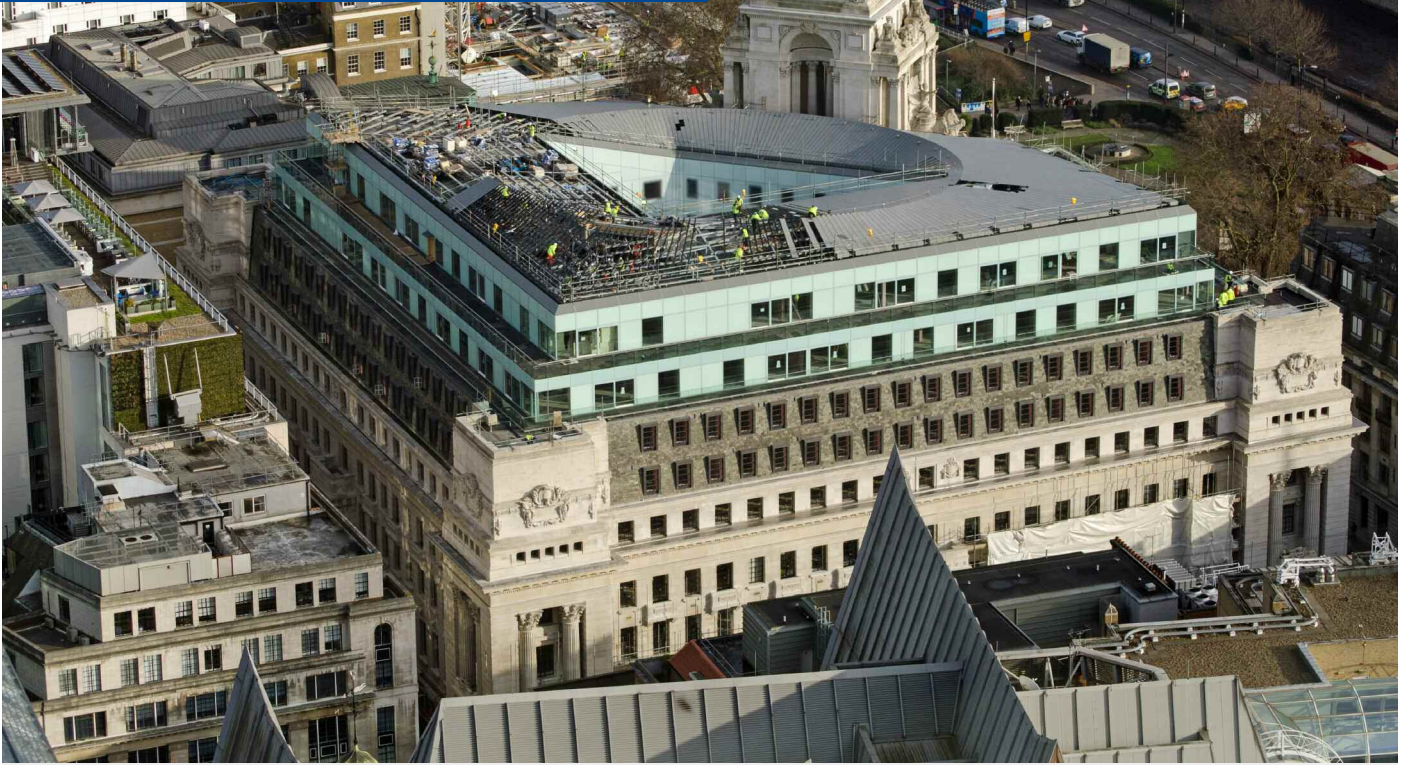


EDINA 8.6MWe CHP POWERS LONDON DISTRICT HEATING SCHEME



CASE STUDY CITIGEN

Edina replaced the existing engines with two MWM TCG 2032 V16 high efficiency gas powered generators as part of a community wide energy project.

The 8.6MWe natural gas combined heat and power (CHP) plant supplies heat and cooling to ten of London's properties via an underground pipe network spanning over two miles.

The scheme saves around 5,000 tonnes of CO₂ each year and the benefits from discounted energy charges from the operator.

Provides a market for the heat generated from the CHP which enhances the electricity production by 50% compared to conventional power plants.

Due to the networks flexibility, new heat loads and low carbon energy can be integrated to provide balancing from the growing share of renewables on the electricity grid, particularly when combining large hot water storage with CHP and heat pumps.

Discover the full story at:
www.edina.eu/citigen