

EDINA CHP INCREASES POWER PRODUCTION AT CROSSNESS SEWAGE FACILITY



CASE STUDY CROSSNESS SEWAGE TREATMENT WORKS

Crossness Sewage Treatment Works (STW) is one of the largest facilities in Europe, serving a population of approximately 1.8 million people in east London.

As part of an initiative to treat sewage waste to a higher standard and prevent sewage overflow onto the River Thames, Thames Water appointed Edina to supply and install three 2MWe MWM TCG 2020 V20 gas engines.

The biogas produced is used in Edina's 6MWe combined heat and power (CHP) plant to generate electricity and heat used onsite, with surplus electricity sold to the electricity grid used for income generation.

When combined with the adjacent Beckton STW installation, the 12MWe CHP plants will produce enough electricity to power 24,000 homes.

Discover the full story at:
www.edina.eu/crossness-sewage-treatment-works