

EDINA 3.2MWe CHP SAVES £1.3MILLION IN ENERGY COSTS FOR YORKSHIRE WATER



CASE STUDY ESHOLT SEWAGE TREATMENT WORKS

Esholt Sewage Treatment Works is one of Yorkshire Water's biggest sewage treatment works serving around 760,000 people in Bradford and Leeds, and processing over 30,000 tonnes of sludge.

Seeing the potential for additional combined heat and power (CHP) efficiency from advanced anaerobic digestion, Yorkshire Water appointed Edina to supply and install a 3.2MWe CHP plant.

The CHP facility provides power and heat for the 750-acre Esholt site and reduces Yorkshire Water's annual energy bill by £1.3million, reducing their carbon footprint by 9,000 tonnes also.

The process also creates a total of 62,000 tonnes of fertiliser each year which is recycled back into Yorkshire's agriculture.

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