



Utilities - Water Bio-Digester Bio-Digester Heating, Kent 2000kW Boiler Hire

The challenge

On-site boilers at a bio-digester plant had failed, resulting in an interruption of the fuel gas production process due to system cooling. The challenge was to quickly design and implement a temporary replacement system to restore operation, while a long-term solution was implemented.

What did we do?

Our expert attended site and carried out a survey to identify the nature and scale of the problem. A system design and project plan was produced to address the heating requirements.

How did we do it?

Once the approach was agreed with the customer, we employed a large HIAB plus trailer to deliver a 2MW boiler to site, supported by a 20,000ltr fuel tank. This was connected by flexible pipework to the main flow and return heating coil using the customer's flange connections.



Results

Once installed and commissioned, the hire boiler soon generated sufficient hot water to restart the biological process within the bio-digester. Full production of fuel gas was soon re-established. The timely intervention overcame the need to remove the inactive contents from the bio-digester and start the process from scratch, saving time, money and lost productivity.

Paul Ives, regional sales manager at Carrier Rental Systems, said: "The project enabled continuity of operation at the plant, upon which more than 1 million customers depended. It highlights the importance of a rapid response and a tailored solution, to ensure a successful outcome."

**ONE CALL – ALWAYS
THE RIGHT SOLUTION!
0800 026 4717**

EQUIPMENT	1 x 1MW CR 2000 Boiler
END USER	A major water utility company
APPLICATION	Bio-digester plant producing fuel gas
ADDITIONAL	20,000ltr fuel tank, flexible pipe work, cables

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