

CLoCC

Project Outline

Project CLoCC aims to minimise the cost and time of connections to the National Transmission System (NTS), by allowing an NTS connection to be designed and built to be optimally sized for a customer's needs.

The project is primarily aimed towards smaller and unconventional gas customers, ensuring that appropriate connection options are available for the NTS' changing customer base. However, the learning and experience gained from this project will be considered for all connection types in the near future.

Project Delivery & Innovations

The project will challenge the current 'Application to Offer' connection process and develop a low cost and expedited NTS connection service with both the technical and commercial solutions that align to the needs of both non-traditional and unconventional gas customers (Bio-Methane)

Project CLoCC has three primary objectives:

- 1) The time it takes from Initial Enquiry to 'Gas On' date will be significantly reduced from up to three years to less than one year.
- 2) The cost of a connection will be reduced significantly from up to £2m to less than £1m.
- 3) Enabling customers to instantly see viable connection options.

The project will explore, design, trial and demonstrate a novel connection based on innovative connection solutions targeting less than £1m and less than one year from initial enquiry to 'gas on' date. The project will also design, build and demonstrate a novel visual online platform.



Project CLoCC design phase commenced back in 2016 and faced many engineering challenges, our project partners together with the client delivered and secured the completion of a successful project.



Aughton Automation for completed the full Electrical & Instrumentation installation, and fully tested & inspected in the above Skiosk in compliance with G35, DSEAR / CompEx & BS7671.

The Skiosk Telemetry Panel FAT/SAT was signed off and witnessed by National Grid successfully communicating back to GNCC. Commissioned by Aughton Automation & Brightwell Systems.



The above Skiosk Telemetry Panel FAT / SAT was signed off and witnessed by the customer successfully communicating back to GNCC.

The same was also Commissioned by Aughton Automation & Brightwell Systems.

The Meter Skid Pipework fabricated & installed on site was electrical & Instrumentation Equipment installed, tested & inspected by Aughton Automation.

