



Project CLoCC

Value Tracking Case Study



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Background

Project CLoCC (Customer Low Cost Connections) aims to minimise the cost and time of gas connections to the National Transmission System (NTS), with particular focus on non-traditional NTS gas connections. This will be achieved through fundamentally challenging every aspect of the current connection process, building on worldwide 'best in class' technology and practice.

What's new?

The project was setup to reduce the time and cost of connections to the NTS for an emerging potential customer base and has successfully demonstrated that this is achievable through development of a software platform, technical standard designs and commercial modifications. Each workstream has performed strongly during this project with numerous activities successfully completed and others further advanced in order to drive both time and costs down for connecting gas customers to the National Transmission System.

Increased customer interest is demonstrated through the successful onboarding of Project CLoCC's pilot customer, BioCow Ltd, whose Somerset Farm project in Cambridgeshire is expected to be the first direct biomethane gas connection to the NTS. Seeking a pilot customer was an additional, out of scope activity, that the CLoCC innovation team strongly felt would improve the maturity of project deliverables prior to handover of outputs to the National Gas Transmission business. This additional item is evidence of the project's transition from Technology Readiness Level (TRL) 4-6 to TRL 7-8. In addition, interest has also been shown by other UK and European networks who may wish to apply similar methods to their own networks. Learning has been shared by CLoCC,

through stakeholder engagement, in areas such as developing an online connection portal, creating standardised technical designs and the associated existing site database needed to pull these items together.

CLoCC has demonstrated that industry interest exists for utilising the NTS in new ways, and that the network can be "opened up" and made more accessible to our changing customer base. We do also recognise that complex industry conversations remain, which could not have practically been covered by this innovation project. All knowledge created by this innovation work will be handed to the National Gas Transmission business for further progression via lessons learnt.

The benefits

Customer portal created to provide an all-encompassing area for customers to manage activities. This included all design aspects and enabled requests to be managed correctly and "right first time". The outputs of the project also enabled the first bio methane connection to the system which was another success to the project. This built the business' reputation for smaller green bio sites and possible future work.

Implementation

The outputs of this work were implemented to the business to manage activities. Since implementation this work has fed into 4G telemetry development enabling further developments and new ways of working.

