

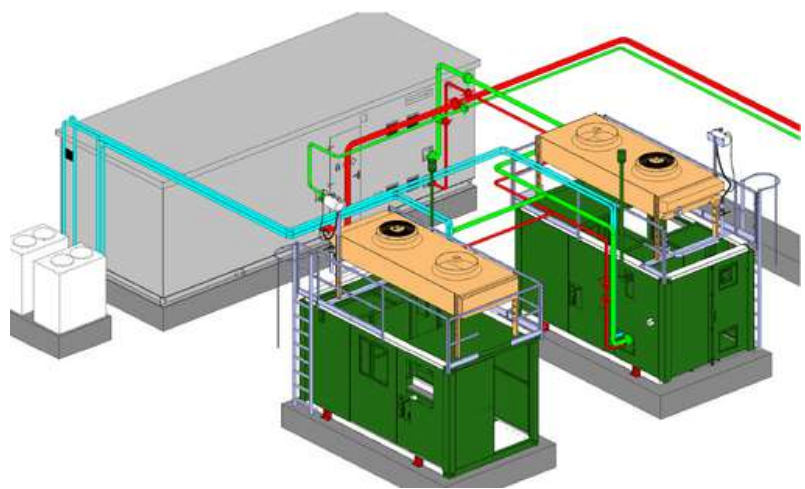


HEMSWELL CLIFF

CLIENT: AIR LIQUIDE
G2G: DECEMBER 2019

PROJECT OVERVIEW

Located adjacent to Biotech4's AD site near Telford, the Air Liquide Barnes Farm site injects 900scmh of biomethane into the 69bar Cadent LTS via a 700 steel export pipeline. CSL were responsible for the overall design, management and delivery of the project on behalf of Air Liquide who free issued the BUU, GEU and HP compressors. CSL also acted as key liaison between the client and Cadent.



KEY CHALLENGES

The key challenge this project faced was progressing the steel export pipeline through Cadent's SLO1 process for adoption, coupled with adverse winter weather conditions during the installation and testing phase. An additional challenge was related to ensuring the compliance of the high-pressure compressors with Cadent's GL5 process, a first for a G2G site on the Cadent network.

CSL DESIGN SCOPE

- Integration of Air Liquide membrane BUU with Orbital GEU and SAFE compressors.
- Mechanical pipework & condensate system installation
- Provided air compressors LVDB, and all electrical and communications cabling.

CSL PM SCOPE

- Principal Designer and Principal Contractor under CDM
- Programme Management
- Cadent tracker management inc GL5/G17/SLO1 processes
- HAZOP and DSEAR
- G2G commissioning management

