

Gas
Transmission

Pre-modification discussion

Transmission workgroup
3rd June 2021

nationalgrid



Modification proposal

Removal of the absolute requirement to include a Remotely Operable Valve (ROV) Installation for all new NTS Entry connections

Proposal: The modification proposal seeks to remove the absolute requirement to install an ROV at new entry points.

Background: Project CLoCC simplified designs to include a non-Remotely Operable Valve (ROV) solution for NTS Exit connections. The implementation of the UNC Mod 0627s on 17th January 2018 means that National Grid (NG) now has discretion over whether we include an ROV at new NTS exit connections.

We now wish to extend the removal of the absolute requirement to NTS Entry connections.

Why change?

- By removing the absolute requirement for a ROV the **customer will have a choice.**
- The removal of the 'absolute requirement' would leave the customer with two options:
 - **Installation of high integrity gas quality measurement systems** which remove the requirement for downstream Gas Quality measurement and an ROV. This will be subject to a Formal Process Safety Assessment (FPSA)
 - Installation of NTS downstream (and upstream if bi-directional flow on the feeder) **GQ measurement, and an ROV** which can be closed should gas conveyed on the NTS be measured as GSMR non-compliant.
- This change is proposed based on
 - **Customer feedback**
 - The ability to make the process of connection more **efficient**
 - Create **cost savings** for each connection (up to £250,000 for ROV and telemetry) and **reduce cyber risk**

Solution

Based on the customer choice from the options in the previous slide, National Grid will carry out a **Formal Process Safety Assessment (FPSA)** to determine if a connection solution should include an ROV or whether it is acceptable to not have the ROV.

If NG determine that a ROV isn't required then, if a customer installs **high integrity gas quality measurement** systems National Grid will **validate** the customers gas quality measurement system and confirm there is **no chance of a breach of GS(M)R** compliance.

If NG determine that a ROV is required, based on the safety assessment this will be required to be installed.

Recommended Steps

We are proposing the modification:

- Progresses to modification panel in June 2021
- Is subject to self-governance
- Returns to transmission workgroup for development; anticipated to be 3 months

Questions / comments

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