

Gas
Transmission

GS(M)R Review Update

Transmission Workgroup

6th January 2022

nationalgrid



Recap of IGEM's Proposals

Following industry consultation in 2020, IGEM recommended the following changes to the GS(M)R gas quality specification to the HSE:

- Increase the upper limit for Wobbe Index from 51.41 MJ/m³ to 52.85 MJ/m³
- Reduce the lower limit for Wobbe Index from 47.20 MJ/m³ to 46.50 MJ/m³
- Remove the Wobbe Index emergency limits
- Remove the Incomplete Combustion Factor parameter
- Remove the Soot Index parameter
- Introduce a Relative Density upper limit of 0.7
- Increase the upper limit for oxygen from 0.2mol% to 1.0mol% on below 38 bar systems

IGEM also recommended that the specification be removed from the GS(M)R and placed into a new IGEM standard which GS(M)R would reference

HSE Review

HSE have now completed their review of the evidence case for change submitted by IGEM to support these proposals

HSE have informed IGEM that the following proposals will not be taken forward at this time

- **Increase the upper limit for Wobbe Index from 51.41 MJ/m³ to 52.85 MJ/m³**
- **Removal of Schedule 3 of the GS(M)R and replace with a new IGEM gas quality standard**

All other proposed changes to the gas quality specification have been accepted to progress to the next stage of the process

Next Steps

HSE will soon issue a public consultation on these proposals

An impact assessment will be published with the consultation containing HSE's rationale for these decisions and supporting analysis