

**UNC (Combined) Workgroup 0498/0502 Agenda
Amendment to Gas Quality NTS Entry Specification at BP Teesside
System Entry Point**

Thursday 07 August 2014

**at Energy Networks Association, Dean Bradley House, 52 Horseferry
Road, London SW1P 2AF**

Please Note: This meeting will be considered during the Transmission Workgroup

1.0 Review of Minutes and Actions

1.1 Minutes

1.2 Actions

2.0 Discussion

2.1 Environmental Assessments in the UNC

3.0 Legal Text

4.0 Workgroup Report

5.0 Any Other Business

6.0 Diary Planning

Action Table – Combined Workgroup 0498/0502 (03 July 2014)

Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
0504	01/05/14	2.0	Ascertain if there is any internal focus within Ofgem currently being applied to the area of gas quality.	Ofgem (LM)	Carried forward
0505	01/05/14	2.0	Provide a view of any issues, as perceived by Ofgem.	Ofgem (LM)	Carried forward

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Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
0601	05/06/14	2.0	<p><i>Issue 1: What is the impact on gas quality at the entry and exit points for a change in the CO₂ to 4% in relation to:</i></p> <ul style="list-style-type: none"> • CV • Wobbe • Variability in h/d/w timeframes • for operation (eg maintenance and performance). <p>a) Provide historical/forecast data on gas quality at (i) Teesside and (ii) other entry points.</p> <p>b) Availability and suitability of historical/forecast data for exit points to be evaluated.</p> <p>c) Refine the Tata Steel question into numbers.</p> <p>d) Evaluate what data can be provided about Variability.</p>	<p>a) Proposers and NTS (AH / AC/ DRa)</p> <p>b) NTS (DRa)</p> <p>c) Proposers (AH /AC)</p> <p>d) BP Gas (AC)</p>	Carried forward
0602	05/06/14	2.0	<p><i>Issue 2: What happens to the increased CO₂ after consumption in relation to:</i></p> <ul style="list-style-type: none"> • In a gas turbine power plant • Combusted for heat • Feedstock • Storage. <p>Where it is an ETS site, CO₂ passes through and impacts costs. Develop an impact assessment.</p>	Proposers (AC and AH)	Carried forward
0603	05/06/14	2.0	<p><i>Issue 3: What is the impact on OEM Warranties if increased levels of CO₂/inerts are seen?</i></p> <p>Seek views from Energy UK members, regarding volumes/types/ locations/limits.</p>	Energy UK (JCx)	Carried forward

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Action Ref	Meeting Date	Minute Ref	Action	Owner	Status Update
0604	05/06/14	2.0	<p><i>Issue 4: How does this fit with the proposed BS EN 16726?</i></p> <p>Investigate scope/impact/relevance.</p>	Proposers (AC and AH)	Carried forward
0605	05/06/14	2.0	<p><i>Issue 5: What is the local impact on the DN and NTS operators?</i></p> <p>a) Understand the network flow impacts (see the GrowHow representation) – in relation to pressure/volumes/CV shrinkage.</p> <p>b) Consider any impact on IPs.</p>	National Grid NTS (DRa)	Carried forward
0606	05/06/14	2.0	<p><i>Issue 6: What are the alternatives (include costs)?</i></p> <p>Consider other options, including the onshore removal of CO2 to be developed, and provide a high level view on costs/advantages/disadvantages.</p>	Proposers (AC and AH)	Carried forward

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