

UNC Workgroup 0645S Minutes
Amending the oxygen content limit in the Network Entry Agreement at
South Hook LNG
Thursday 01 February 2018
at Elexon, 350 Euston Road, London NW1 3AW

| Attendees | | |
|----------------------------|-------|------------------------|
| Rebecca Hailes | (RHa) | Chair |
| Helen Bennett | (HB) | Secretary |
| Andrew Pearce | (AP) | BP |
| Anna Shrigley | (AS) | Eni Trading & Shipping |
| Charles Ruffell | (CR) | RWE |
| Elvan Akkaya* | (EA) | South Hook LNG |
| Gerry Hoggan | (GH) | ScottishPower |
| Graham Dickson | (GD) | Interconnector |
| Graham Jack | (GJ) | Centrica |
| Jeff Chandler | (JC) | SSE |
| Jon Dutton | (JD) | National Grid NTS |
| Julie Cox* | (JCx) | Energy UK |
| Malcolm Montgomery | (MM) | National Grid NTS |
| Nicola Lond | (NL) | National Grid NTS |
| Nick King | (NK) | CGN Services |
| Nick Wye* | (NW) | Waters Wye Associates |
| Phil Hobbins | (PH) | National Grid NTS |
| Robin Dunne | (RD) | Ofgem |
| Rowan Hazell* | (RHi) | Cornwall Insight |
| Shiv Singh | (SS) | Cadent |
| Sinead Obeng | (SO) | South Hook Gas |
| Steve Pownall | (SP) | Xoserve |
| Terry Burke | (TB) | Statoil |
| <i>*via teleconference</i> | | |

Copies of papers are available at: <https://www.gasgovernance.co.uk/0645/010218>

1. Introduction

2. Development of Workgroup Report

SO talked the workgroup through the slides used to present the Modification to the January UNC Panel, which can be found here: <https://www.gasgovernance.co.uk/panel/180118> .

The main driver for this modification is risk of Incomplete Combustion Factor (ICF) / Wobbe Index (WI) breach, because N₂ ballasting has to be reduced if O₂ is present. JCh said O₂ is not an issue for integrity for power stations; it is risk of corrosion for storage sites that is of concern. It is not expected that Milford gas would reach any storage sites but modelling is required to confirm this.

PH advised that the Network Capability Team are aware this analysis and concomitant implications of this modification will be required and that it needs to be ready for the next meeting on 01 March 2018.

New Action 0201: NG (in line with previous enabling modification to facilitate oxygen content amendment) to produce a view of the penetration of South Hook Gas into the NTS, providing scenarios and a heat map diagram.

CR confirmed that initial feedback from colleagues is that this modification will not impact npower sites close to the location in question.

Some attendees felt that a 1-month turnaround is very ambitious for National Grid to provide all of the analysis that is now being requested.

New Action 0202: RH will write to GSOG, MEUC and EIUG to highlight this modification is going through development. GH will supply details of who the GSOG contact would be.

Post meeting update: this action has now been completed.

RHa took the workgroup through an onscreen review of the Workgroup Report.

New Action 0203: PH to provide wording for the Workgroup Report specifically TSO actions relating to gas quality specification and cross border flow.

Quoracy

It should be noted that at the time of this meeting there was only 1 Transporter represented (National Grid) at the Workgroup. This means that any additions entered in to the workgroup report will need to be reviewed at the next meeting.

3. Review of Outstanding Actions

n/a

4. Next Steps

The next meeting will aim to cover:

- Action updates
- Analysis from National Grid
- Implications of analysis results
- Update the workgroup report.

5. Any Other Business

6. Diary Planning

Further details of planned meetings are available at: <http://www.gasgovernance.co.uk/Diary>

| Time/Date | Location |
|-------------------------------|---|
| 10:00, Thursday 01 March 2018 | Elexon, 350 Euston Road, London NW1 3AW |

Action Table (as at 01 February 2018)

| Action Ref | Meeting Date | Minute Ref | Action | Owner | Status Update |
|------------|--------------|------------|--|------------------------|---------------|
| 0201 | 01/02/18 | 2.0 | NG (in line with previous enabling modification to facilitate oxygen content amendment) to produce a view of the penetration of South Hook Gas into the NTS, providing scenarios and a heat map diagram. | National Grid NTS (PH) | Pending |

| | | | | | |
|-------------|-----------------|------------|---|-------------------------------|------------------|
| 0202 | 01/02/18 | 2.0 | RHa will write to GSOG, MEUC and EIUG to highlight this modification is going through development. GH will supply details of who the GSOG contact would be. | Joint Office (RHa) | Completed |
| 0203 | 01/02/18 | 2.0 | PH to provide wording for the Workgroup Report specifically TSO actions relating to gas quality specification and cross border flow. | National Grid NTS (PH) | Pending |