

Chris Aldridge
National Grid House
Warwick Technology Park
Gallows Hill
Warwick
CV34 6DA

DNV GL Software
Software Consultancy
Holywell Park
Ashby Road
Loughborough, Leics.
LE11 3GR
Tel: +44 (0)1509 282000

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NTS Shrinkage Incentive Methodology Audit for Incentive Year 2020/21

DNV GL has carried out an independent audit of the baseline volume target calculations, the efficiency volume target calculations and the compliance to publication dates for the 2020/21 incentive year.

2020/21 Baseline Volume Target Audit

In our opinion, the methodologies and rules set out in the “NTS Shrinkage Incentive Methodology Statement, June 2019” have been correctly applied for Compressor Fuel Use (CFU), Calorific Value Shrinkage (CVS) and Unaccounted for Gas (UAG). The final audited baseline volumes for 2020/21 are therefore as follows:

BASELINE VOLUMES - CFU

	Q2 Apr - Jun	Q3 Jul- Sep	Q4 Oct - Dec	Q1 Jan - Mar	Total
Gas GWh	273	370	448	351	1442
Elec GWh	57	67	87	78	289

* Note electricity usage is one third of the electricity (gas equivalent) usage


BASELINE VOLUMES - UNACCOUNTED FOR GAS & CALORIFIC VALUE SHRINKAGE

	Q2 Apr - Jun	Q3 Jul- Sep	Q4 Oct - Dec	Q1 Jan - Mar	Total
GWh	675	596	725	1263	3259

2020/21 Efficiency Volume Target Audit

In our opinion the methodologies and rules set out in the “NTS Shrinkage Incentive Methodology Statement, June 2019” have been correctly applied. In particular, the audit has confirmed that:

- The Energy Efficiency Target for CFU (Compressor Fuel Use) has been correctly calculated as 1,544.4 GWh against an outturn of 1,546.1 GWh, with an upper tolerance of 199.2 GWh and a lower tolerance of -166.1 GWh. This results in a final CFU Energy Efficiency value of 0 GWh.



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- The Energy Efficiency tolerance band for CVS (Calorific Value Shrinkage) has been correctly calculated as 29.5 GWh to 31.8 GWh against an outturn of 236.3 GWh. This results in a final CVS Energy Efficiency value of -204.6 GWh.

2020/21 Adherence to Publication Dates

- The documents "2020/21 NTS Shrinkage Incentive Methodology Statement" and "2020/21 NTS Shrinkage Incentive Ex-Ante Baseline Value Statement" were both published in line with the required timescales. This was verified at the time of publication.
- The 2020/21 Baseline targets were updated with UAG values for Q3 2020, Q4 2020 and Q1 2021 by the required publication dates. This was verified at the time of publication in each case.

Scope of the audit

The scope of this audit statement is as follows:

- The adherence to the documented methodology given the data provided. No assessment of the validity of the raw data or the methodology statement itself has been made.
- The calculation of the baseline volume targets for 2020/21 and the efficiency volume targets 2020/21.
- Adherence to publication dates for 2020/21.

Sincerely
for DNV GL

Andy Gordon
Senior Statistician

Direct: +44 (0)203 816 4743
andy.gordon@dnvgl.com