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**Date:** 07 July 2020  
**Our reference:** 10123602 – 2019/20  
Consolidated

## NTS Shrinkage Incentive Methodology Audit for Incentive Years 2019/20

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 2019/20 incentive year.

### 2019/20 Baseline Volume Target Audit

In our opinion, the methodologies and rules set out in the “NTS Shrinkage Incentive Methodology Statement, June 2018” have been correctly applied for Compressor Fuel Use (CFU), Calorific Value Shrinkage (CVS) and Unaccounted for Gas (UAG). The final audited baseline volumes for 2019/20 are therefore as follows:

#### BASELINE VOLUMES - CFU

	Q2 Apr - Jun	Q3 Jul- Sep	Q4 Oct - Dec	Q1 Jan - Mar	Total
Gas GWh	209	258	430	510	1407
Elec GWh	56	70	80	84	290

\* 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	226	150	358	622	1356

### 2019/20 Efficiency Volume Target Audit

In our opinion the methodologies and rules set out in the “NTS Shrinkage Incentive Methodology Statement, June 2018” 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 1.687.9 GWh against an outturn of 1,136.7 GWh, with an upper tolerance of 162.3 GWh and a lower tolerance of -116.6 GWh. This results in a final CFU Energy Efficiency value of 434.6 GWh.



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- The Energy Efficiency tolerance band for CVS (Calorific Value Shrinkage) has been correctly calculated as 29.5 GWh to 48.1 GWh against an outturn of 57.4 GWh. This results in a final CVS Energy Efficiency value of -9.3 GWh.

**2019/20 Adherence to Publication Dates**

- The documents “2019/20 NTS Shrinkage Incentive Methodology Statement” and “2019/20 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 2019/20 Baseline targets were updated with UAG values for Q3 2019, Q4 2019 and Q1 2020 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 2019/20 and the efficiency volume targets 2019/20.
- Adherence to publication dates for 2019/20.

Sincerely  
for DNV GL

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