

Change to Standard CV

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Standard CV

Energy balancing in the UK is based on kWh.

For reporting purposes, especially in charts and tables, kWh as a measure is often not practical with volume generally providing a better measure.

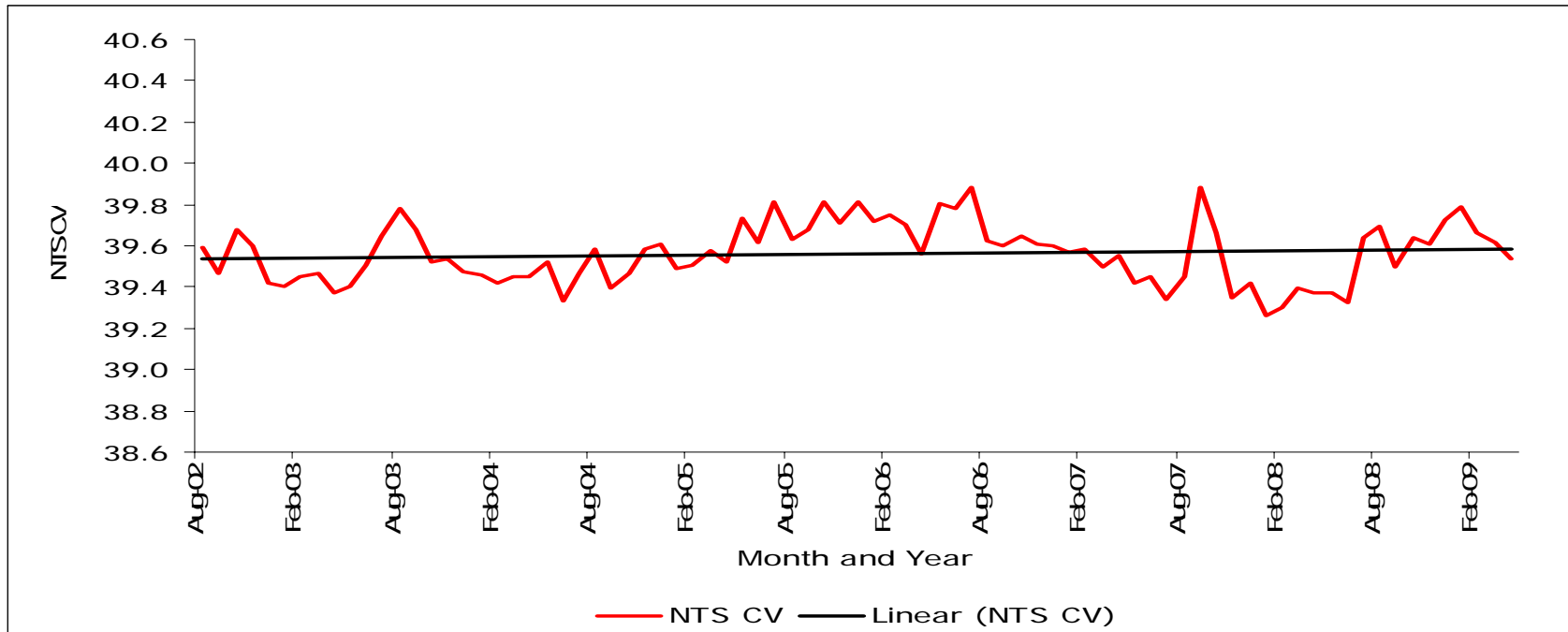
Hence for reporting purposes National Grid frequently use the volume or flow of gas in m³, often in mcm/d (millions of cubic metres per day) or mcm or bcm (billions of cubic metres).

Conversion to volume from energy needs a CV (Calorific value). The CV refers to the amount of energy released when a known volume of gas is completely combusted under specified conditions.

In the absence of actual CV's or for simplicity, conversion to volume frequently uses a so called 'standard CV'. The standard CV used historically was 39 MJ/m³.

Actual average CV

In recent years, the average CV has been above 39 MJ/m³, and has been closer to 39.6 MJ/m³.



Our 10 year supply forecasts suggest that an average CV of about 39.6 MJ/m³ is expected to continue.

Consequently we are proposing to change our 'standard CV' from 39.0 to 39.6 MJ/m³.

The resultant conversion from GWh to mcm will be to divide by 11.

This change is proposed to take place from the release of our 2009 supply / demand forecasts in May / June 2009.