

Annex J

Heat reconciliation

Introduction

J.1 Heat sold has been separately identified in the energy balances since 1999. It is defined as heat that is produced and sold under the provision of a contract. The introduction of heat sold into the energy and commodity balances did not affect the individual fuel totals, since the energy used to generate the heat has been deducted from the final consumption section of the energy balances and transferred to the transformation section. The tables show the detailed analysis of the heat generation row of the main energy balances, by sector generating the heat, and are available at:

www.gov.uk/government/statistics/energy-chapter-1-digest-of-united-kingdom-energy-statistics-dukes

Methodology

J.2 The heat data are derived from two sources covering CHP plants and heating schemes without CHP plants. Data for heat sold are supplied by CHP plants to the Combined Heat and Power Quality Assurance Programme and are processed by Ricardo-AEA. Data for heat consumption from other heating schemes were derived from the Building Research Establishment's "National Survey of Community Heating" that was carried out in 1997, a database of community heating schemes in social housing in 2000, and Community Heating Sales Surveys undertaken between 2003 and 2005. The estimates from these sources have been used to derive heat sold figures since 1999; it is recommended that the figures should be treated as indicative of the amount of heat sold.

J.3 To make the heat sold information more transparent, data on the quantity of fuel by consuming sector used to produce heat that is subsequently sold are being made available in the tables that accompany this annex. When producing the energy and commodity balances the quantities of fuel shown in the tables have been deducted from the final consumption section and moved to the transformation section.

Contact: Liz Waters

elizabeth.waters@beis.gov.uk

0300 068 5735