Annex H

Flow charts

Introduction

H.1 This section brings together the flow charts for individual fuels contained in the main Digest publication. Chart H.1 is for Coal, Chart H.2 is for Petroleum, Chart H.3 is for Gas, Chart H.4 is for Electricity and Chart H.5 is for Renewables. This is the first time that flow charts have been produced for individual fuels; annual updates will appear in subsequent editions of the main Digest publication and in the internet version of the Digest on the BERR website.

Summary flow chart

H.2 A summary flow chart, UK Energy Flow Chart 2007, is also available on the BERR website at: www.berr.gov.uk/files/file46984.pdf. The summary flow chart updates the last energy flow chart which showed data for 2004. It is based on statistics taken from the main Digest publication, Table 1.1 – Energy Balance 2007. The chart is a simplification of the energy balance figures, illustrating the flow of primary fuels from the point at which they become available from home production or imports (on the left) to their eventual final uses (on the right). They are shown in their original state and after being converted into different kinds of energy by the secondary fuel producers. The flows are measured in million tonnes of oil equivalent, with the widths of the bands approximately proportional to the size of the flow they represent. The flow charts for individual fuels have been produced on a similar basis.

Contact: Kevin Harris
kevin.harris@berr.gsi.gov.uk
020 7215 6049
Chart H.1: Coal flow chart 2007 (million tonnes of coal)

Notes:
This flow chart is based on the data that appear in Tables 2.1 and 2.7. Opencast includes slurry and recovered coal.
Note:
The flow chart is based on the data that appear in Tables 3.1 and 3.2.
Notes:
This flow chart is based on the data that appear in Table 4.1.
Chart H.4: Electricity flow chart 2007 (TWh)

Notes:
This flow chart is based on the data in Tables 5.1 (for imports, exports, use, losses and consumption) and 5.6 (fuel used).
(1) Includes solar photovoltaics.
(2) Hydro includes generation from pumped storage while electricity used in pumping is included under Energy Industry Use.
Chart H.5: Renewables flow chart 2007 (thousand tonnes of oil equivalent)

Notes:
This flow chart is based on data that appear in Tables 7.1 and 7.4.