

Table I
NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS				
HARD COAL	2010	2011	2012	2013
Standard factor	25.8	25.8	25.8	25.8
Argentina	24.7	24.7	24.7	24.7
Australia	27.2	27.1	27.0	26.9
Bangladesh	20.9	20.9	20.9	20.9
Botswana	23.6	23.6	23.6	23.6
Brazil	18.6	18.6	18.6	18.6
Bulgaria	17.4	17.4	17.2	20.0
Canada	24.6	24.7	24.7	25.1
Chile	17.1	15.7	17.4	22.0
China	20.9	20.5	20.5	21.7
Colombia	27.2	27.2	27.2	27.2
Czech Republic	27.1	26.7	26.9	27.8
Egypt	25.5	25.5	25.5	25.7
France	26.0	26.0	26.0	26.0
Georgia	25.0	25.0	25.0	28.0
Germany	27.5	29.3	27.4	27.7
India	18.9	18.9	18.9	17.0
Indonesia	26.1	26.1	25.8	25.8
Italy	26.6	26.6	26.6	26.6
Kazakhstan	18.6	18.6	18.6	18.6
Korea, Democratic People's Republic of	26.0	26.2	26.2	26.3
Korea, Republic of	19.3	19.3	18.6	18.6
Kyrgyzstan	18.6	18.6	18.6	18.6
Malaysia	26.4	26.4	26.4	26.4
Mexico	29.3	29.3	29.3	28.8
Mongolia	28.5	28.5	28.5	28.5
Mozambique	26.2	26.2	26.9	26.9
New Zealand	29.5	29.7	29.7	29.9
Niger	16.0	16.0	16.0	16.0
Norway	28.1	28.1	28.1	28.1
Pakistan	19.8	19.8	18.8	18.8
Peru	25.0	26.7	27.2	27.1
Poland	23.9	23.7	23.7	23.9
Russian Federation	26.0	26.1	26.0	26.2
South Africa	23.7	23.6	23.6	23.7
Spain	17.7	18.6	18.4	19.5
Sri Lanka	26.4	26.4	29.3	29.3
Tajikistan	18.6	18.6	18.6	18.6
Turkey	25.1	24.9	23.7	25.7
Ukraine	23.6	23.5	24.9	24.8
United Kingdom	25.1	24.4	24.5	24.4
United States	27.1	26.6	26.5	26.3
Uzbekistan	18.6	18.6	18.6	18.6
Viet Nam	23.4	23.4	23.4	23.4
Venezuela (Bolivarian Republic of)	30.6	30.6	30.6	30.6
Zambia	24.7	24.7	24.7	24.7
Zimbabwe	27.0	27.0	27.0	27.0

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS				
BROWN COAL	2010	2011	2012	2013
Standard factor	14.0	14.0	14.0	14.0
Albania	9.8	9.8	9.8	9.8
Australia	12.8	13.0	13.0	12.4
Bosnia and Herzegovina	13.3	13.5	13.6	13.6
Bulgaria	7.0	7.0	7.0	7.0
Canada	17.1	17.1	17.0	16.5
Czech Republic	12.7	12.3	12.3	12.4
Germany	9.1	9.0	9.0	9.1
Greece	5.4	5.4	5.4	5.2
Hungary	7.3	7.2	7.2	7.1
India	9.5	9.5	9.5	9.5
Indonesia	20.0	20.0	22.0	22.0
Korea, Democratic People's Republic of	17.6	17.6	17.6	17.6
Kazakhstan	14.7	14.7	14.7	14.7
Kyrgyzstan	14.7	14.7	14.7	14.7
Mexico	19.4	19.4	19.4	19.9
Mongolia	14.4	14.4	14.4	14.4
Montenegro	9.2	9.2	9.2	9.2
New Zealand	20.0	19.9	19.9	19.8
Philippines	22.1	22.1	22.1	22.1
Poland	8.6	8.4	8.3	8.3
Romania	7.9	7.9	7.8	7.9
Russian Federation	14.9	14.9	14.9	14.9
Serbia	8.0	8.0	8.0	8.0
Slovakia	10.8	10.6	10.4	10.4
Slovenia	11.0	11.2	10.7	11.6
Spain	8.6	13.4	13.8	13.3
Tajikistan	14.7	14.7	14.7	14.7
Thailand	12.1	12.1	12.1	12.1
T.F. Yugoslav Republic of Macedonia	7.4	7.2	7.1	7.1
Turkey	9.5	9.3	8.7	10.4
United States	18.3	18.3	18.2	18.1
Uzbekistan	14.7	14.7	14.7	14.7
COKE OVEN COKE	2010	2011	2012	2013
Standard factor	28.2	28.2	28.2	28.2
Australia	27.0	27.0	27.0	27.0
Austria	29.0	29.0	29.0	29.0
Belgium	27.7	29.3	29.3	29.3
Bosnia and Herzegovina	26.9	26.9	26.9	26.9
Brazil	30.5	30.5	30.5	30.5
Canada	28.8	27.5	27.5	27.5

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS				
COKE OVEN COKE	2010	2011	2012	2013
China	28.5	28.4	28.4	28.4
Colombia	20.1	20.1	20.1	20.1
Czech Republic	28.2	28.2	28.4	28.5
Estonia	28.5	28.5	28.5	28.5
Finland	29.3	29.3	29.3	29.3
France	28.0	28.0	28.0	28.0
Germany	28.7	28.7	28.7	28.7
Hungary	30.0	29.7	29.5	29.2
Italy	29.0	29.0	29.0	29.0
Japan	29.4	29.4	29.4	29.2
Kazakhstan	25.1	25.1	25.1	25.1
Korea, Republic of	29.3	29.3	28.9	28.9
Mexico	26.5	26.5	26.5	28.7
Netherlands	28.5	28.5	28.5	28.5
New Zealand	29.5	29.5	29.5	29.5
Other Asia	28.2	28.2	28.2	28.2
Poland	26.9	27.8	28.1	27.9
Russian Federation	29.0	29.0	29.0	29.0
Slovakia	28.3	28.3	28.4	28.1
South Africa	26.5	26.5	26.5	26.5
Spain	28.5	26.8	26.8	26.8
Sweden	28.1	28.1	28.1	28.1
Turkey	27.7	27.5	28.2	29.7
Ukraine	25.1	25.1	25.1	25.1
United Kingdom	29.8	29.8	29.8	29.8
United States	28.8	28.8	28.8	28.9
PATENT FUEL	2010	2011	2012	2013
Standard factor	20.7	20.7	20.7	20.7
France	32.0	32.0	32.0	32.0
Germany	31.4	31.4	31.4	31.4
Hungary	22.0	22.0	22.0	22.0
Korea, Republic of	19.3	19.3	18.6	18.6
Russian Federation	29.0	29.0	29.0	29.0
United Kingdom	31.0	31.0	31.0	31.1
BROWN COAL BRIQUETTES	2010	2011	2012	2013
Standard factor	20.7	20.7	20.7	20.7
Australia	21.0	21.0	21.0	21.0
Czech Republic	23.4	21.6	22.0	20.7
Germany	21.5	21.3	21.1	21.3

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

	2010	2011	2012	2013
PEAT				
Standard factor	9.8	9.8	9.8	9.8
Austria	8.8	8.8	8.8	8.8
Belarus	10.2	10.2	10.2	10.5
Burundi	14.7	14.7	14.7	14.7
Falkland Islands (Malvinas)	9.5	9.5	9.5	9.5
Finland	10.2	10.2	10.1	10.2
Ireland	8.4	8.6	9.1	8.1
Russian Federation	10.0	10.0	10.0	10.0
Sweden	12.5	12.5	12.5	12.5
OIL SHALE	2010	2011	2012	2013
Standard factor	8.9	8.9	8.9	8.9
Israel	2.9	2.9	2.9	2.9

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
HARD COAL	2010	2011	2012	2013
Albania	27.2	27.2	27.2	27.2
Argentina	30.1	30.1	30.1	30.1
Austria	28.4	28.3	28.2	28.5
Azerbaijan	27.7	27.7	27.7	27.7
Bangladesh	20.9	20.9	20.9	20.9
Belarus	23.2	25.0	26.1	25.2
Belgium	27.5	27.5	27.4	27.4
Bosnia and Herzegovina	30.7	30.7	30.7	30.7
Brazil	30.5	30.5	30.5	30.5
Bulgaria	25.6	25.6	25.9	26.0
Canada	25.7	26.3	26.7	28.0
Chile	23.0	23.5	23.9	25.0
China	20.9	17.6	17.6	22.3
China, Hong Kong SAR	26.4	26.4	26.4	26.4
Colombia	27.2	27.2	27.2	27.2
Croatia	24.2	24.4	24.7	25.2
Czech Republic	26.8	26.7	26.6	26.4
Denmark	24.4	24.4	24.2	24.5
Egypt	25.5	25.5	28.2	25.7
Estonia	27.2	27.2	27.2	27.2
Finland	26.0	25.7	26.0	25.9
France	27.2	27.2	27.2	27.4
Georgia	25.0	25.0	25.0	28.0
Germany	27.0	26.3	26.4	26.9
Greece	26.9	23.9	27.2	27.2
Hungary	30.3	31.2	32.1	32.1
Iceland	28.1	28.1	28.1	28.1
India	26.4	26.3	26.3	26.3
Indonesia	26.7	26.7	28.2	28.2
Ireland	27.8	25.7	25.0	25.7
Israel	25.1	25.1	25.1	25.1
Italy	27.6	27.6	27.5	26.3
Japan	25.9	25.9	25.6	25.8
Kazakhstan	18.6	18.6	18.6	18.6
Korea, Democratic People's Republic of	25.8	25.8	26.7	25.8
Korea, Republic of	25.8	25.8	25.6	25.6
Kyrgyzstan	18.6	18.6	18.6	20.9
Latvia	26.2	26.2	26.3	26.3
Luxembourg	28.6	24.8	24.7	24.8
Malaysia	26.4	26.4	26.4	26.4
Mauritius	26.0	26.0	26.0	26.0
Mexico	29.6	29.6	29.6	28.2
Moldova, Republic of	18.6	18.6	23.7	24.5
Morocco	27.6	27.6	27.6	27.6
Namibia	22.7	22.7	22.7	22.7
Netherlands	25.7	25.4	25.4	25.0
New Zealand	27.8	28.2	28.1	28.2

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
HARD COAL	2010	2011	2012	2013
Norway	28.1	28.1	28.1	28.1
Other Asia	27.4	27.4	27.4	27.4
Pakistan	29.1	29.1	27.6	27.6
Peru	25.0	25.0	25.0	25.0
Poland	25.1	24.4	24.6	24.9
Portugal	25.7	25.0	25.2	24.9
Romania	26.8	26.5	26.5	26.3
Russian Federation	25.1	25.4	25.3	25.3
Serbia	23.1	23.0	23.0	23.3
Slovakia	28.3	28.0	28.1	28.2
Slovenia	25.3	25.3	25.4	26.2
South Africa	31.0	31.0	31.0	31.0
Spain	25.2	24.4	24.0	24.4
Sri Lanka	26.4	26.4	29.3	29.3
Sweden	29.2	28.8	28.6	28.6
Switzerland	25.5	25.5	25.5	25.5
T.F. Yugoslav Republic of Macedonia	26.9	27.0	27.1	26.7
Tajikistan	18.6	18.6	18.6	18.6
Thailand	26.4	26.4	26.4	26.4
Turkey	27.0	27.1	27.5	27.4
Ukraine	25.5	25.5	27.3	25.5
United Kingdom	26.1	26.1	25.8	25.9
United States	26.0	26.2	26.1	26.1
Uruguay	29.3	29.3	25.8	25.8
Viet Nam	23.4	23.4	23.4	23.4
Zambia	24.7	24.7	24.7	24.7
Zimbabwe	27.0	27.0	27.0	27.0
BROWN COAL	2010	2011	2012	2013
Albania	9.8	9.8	9.8	9.8
Austria	19.7	15.6	19.4	20.0
Bosnia and Herzegovina	11.8	12.0	9.3	11.9
Cambodia	19.9	19.9	19.9	19.9
Canada	18.2	18.2	18.2	17.4
Croatia	17.5	17.6	17.1	15.4
Czech Republic	14.6	18.7	13.1	11.6
France	17.0	17.0	17.0	17.0
Germany	16.7	16.7	16.7	16.7
Greece	4.4	4.2	4.0	4.1
Hungary	17.3	17.7	17.5	16.9

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
BROWN COAL	2010	2011	2012	2013
Israel	20.4	20.4	20.8	20.8
Italy	18.7	18.6	18.8	18.8
Kazakhstan	14.7	14.7	14.7	14.7
Korea, Republic of	20.9	20.9	21.4	21.4
Mexico	19.4	22.5	22.5	18.6
Montenegro	9.2	9.2	9.2	9.2
Netherlands	20.0	20.0	20.0	20.0
New Zealand	20.6	20.6	20.6	20.6
Other Asia	18.9	18.9	18.9	18.9
Philippines	22.1	22.1	22.1	22.1
Poland	8.7	8.4	8.5	8.4
Romania	22.6	24.6	24.5	21.5
Russian Federation	14.9	14.9	14.9	14.9
Serbia	17.0	17.0	17.0	17.0
Singapore	9.7	9.7	9.7	9.7
Slovakia	14.9	14.7	13.5	14.3
Slovenia	18.8	18.4	18.4	17.4
Switzerland	20.1	20.1	20.1	20.1
T.F. Yugoslav Republic of Macedonia	20.3	18.0	19.9	15.2
Ukraine	14.7	14.7	14.7	14.7
United States	19.5	18.5	17.9	17.8
Uzbekistan	14.7	14.7	14.7	14.7
COKE OVEN COKE	2010	2011	2012	2013
Australia	27.0	27.0	27.0	27.0
Austria	29.0	29.0	29.0	29.0
Belgium	27.7	29.3	29.3	29.3
Brazil	30.5	30.5	30.5	30.5
Canada	28.8	27.5	27.5	27.5
China	28.5	28.4	28.4	28.4
Czech Republic	27.5	27.4	28.5	25.8
Denmark	29.3	29.3	29.3	29.3
Finland	29.3	29.3	29.3	29.3
France	28.0	28.0	28.0	28.0
Germany	28.7	28.7	28.7	28.7
Greece	30.3	30.3	30.3	30.3
Hungary	29.3	29.4	29.6	29.2
Iceland	26.7	26.7	26.7	26.7
Italy	29.0	29.0	29.0	29.0
Japan	29.4	29.4	29.4	29.2
Kazakhstan	25.1	25.1	25.1	25.1
Korea, Republic of	29.3	29.3	28.9	28.9

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS				
	2010	2011	2012	2013
COKE OVEN COKE				
Luxembourg	28.5	28.5	28.5	28.5
Mexico	26.5	26.5	26.5	27.8
Netherlands	28.5	28.5	28.5	28.5
Norway	28.5	28.5	28.5	28.5
Other Asia	28.2	28.2	28.2	28.2
Peru	26.8	26.8	28.2	28.2
Poland	28.0	28.0	28.0	28.0
Portugal	29.4	29.6	29.6	29.5
Romania	26.4	26.4	26.4	26.4
Slovakia	28.2	28.2	28.0	27.5
Slovenia	29.5	29.5	29.6	29.9
Spain	28.5	26.8	26.8	26.8
Sweden	28.1	28.1	28.1	28.1
Switzerland	25.5	25.5	25.5	25.5
T.F. Yugoslav Republic of Macedonia	25.7	25.2	25.6	25.6
Turkey	27.9	27.9	28.2	29.7
United Kingdom	29.8	29.8	29.8	29.8
United States	28.8	28.8	28.8	28.9
Uruguay	28.5	28.5	28.5	28.5
PATENT FUEL	2010	2011	2012	2013
Austria	31.0	31.0	31.0	31.0
Belgium	29.3	29.3	30.5	30.5
France	32.0	32.0	32.0	32.0
Germany	31.4	31.4	31.4	31.4
Netherlands	29.3	29.3	29.3	29.3
Poland	23.2	23.2	23.2	23.2
Slovakia	28.0	28.0	28.0	28.0
United Kingdom	31.0	31.0	31.0	31.1
BROWN COAL BRIQUETTES	2010	2011	2012	2013
Austria	19.3	19.3	19.3	19.3
Belgium	20.0	20.0	20.7	20.7
Czech Republic	19.4	21.6	22.0	20.7
Denmark	18.3	18.3	18.3	18.3
Germany	20.3	21.3	20.9	20.1
Hungary	20.0	23.0	19.8	19.8
Luxembourg	20.1	22.2	22.2	22.2
Poland	17.5	17.5	17.6	17.6
Slovakia	17.0	17.0	17.0	17.0

Table I (continued)

NET CALORIFIC VALUES OF ENERGY PRODUCTS
GJ/ton

IMPORTS

PEAT	2010	2011	2012	2013
Finland	10.2	10.2	10.1	10.2
Sweden	12.9	12.9	12.9	12.9
T.F. Yugoslav Republic of Macedonia	11.5	9.6	9.1	9.1

OTHER PRODUCTS

Conventional crude oil	42.3
Natural gas liquids (NGL)	44.2
Aviation gasoline	44.3
Motor gasoline	44.3
Gasoline-type jet fuel	44.3
Kerosene-type Jet fuel	44.1
Other kerosene	43.8
Gas oil/diesel oil	43.0
Fuel oil	40.4
Liquefied petroleum gases (LPG)	47.3
Ethane	46.4
Refinery gas	49.5
Feedstocks	43.0
Naphtha	44.5
White spirit and SBP industrial spirit	40.2
Lubricants	40.2
Bitumen	40.2
Paraffin waxes	40.2
Petroleum coke	32.5
Other oil products	40.2
Fuelwood, wood residues and by-products	12.6
Bagasse	7.7
Peat products	9.8
Charcoal	29.5

Table I (continued)

STANDARD HEAT VALUES OF GASES
kJ/m³

Natural gas	39021
Coke oven gas	17585
Gas works gas	17585
Blast furnace gas	4000