

Table I

**COEFFICIENTS USED TO CONVERT FROM ORIGINAL UNITS
INTO COAL EQUIVALENT**

**FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

PRODUCTION, EXPORTS AND CHANGES IN STOCKS					
PRODUCTION, EXPORTATIONS ET VARIATIONS DES STOCKS					
HARD COAL	2007	2008	2009	2010	HOUILLE
Standard factor	1.000	1.000	1.000	1.000	Facteur standard
Argentina	0.843	0.843	0.843	0.843	Argentine
Australia	0.966	0.978	0.978	0.926	Australie
Bangladesh	0.714	0.714	0.714	0.714	Bangladesh
Brazil	0.635	0.635	0.635	0.635	Brésil
Bulgaria	0.520	0.580	0.593	0.593	Bulgarie
Canada	0.852	0.843	0.843	0.841	Canada
Chile	0.611	0.562	0.530	0.585	Chili
China	0.713	0.713	0.713	0.713	Chine
Colombia	0.929	0.929	0.929	0.929	Colombie
Czech Republic	0.942	0.941	0.925	0.925	République tchèque
Egypt	0.871	0.871	0.871	0.871	Égypte
France	0.887	0.887	0.887	0.928	France
Georgia	0.836	0.836	0.836	0.853	Géorgie
Germany	0.928	0.929	0.954	0.938	Allemagne
India	0.829	0.829	0.829	0.829	Inde
Indonesia	0.891	0.891	0.891	0.891	Indonésie
Italy	0.907	0.907	0.907	0.907	Italie
Kazakhstan	0.634	0.634	0.634	0.634	Kazakhstan
Korea, Republic of	0.657	0.657	0.657	0.657	Corée, République de
Kyrgyzstan	0.634	0.634	0.634	0.634	Kirghizistan
Mexico	0.801	0.801	0.801	0.801	Mexique
Montenegro	0.929	0.929	0.929	0.929	Monténégro
New Zealand	1.032	1.002	1.000	1.005	Nouvelle-Zélande
Niger	0.785	0.785	0.785	0.785	Niger
Norway	0.959	0.959	0.959	0.959	Norvège
Pakistan	0.676	0.676	0.676	0.676	Pakistan
Peru	0.978	0.978	0.978	0.978	Pérou
Poland	0.818	0.816	0.810	0.816	Pologne
Russian Federation	0.903	0.884	0.889	0.888	Fédération de Russie
South Africa	0.753	0.753	0.753	0.753	Afrique du Sud

Table I (continued - suite)

**COEFFICIENTS USED TO CONVERT FROM ORIGINAL UNITS
INTO COAL EQUIVALENT**

**FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

PRODUCTION, EXPORTS AND CHANGES IN STOCKS					
PRODUCTION, EXPORTATIONS ET VARIATIONS DES STOCKS					
HARD COAL	2007	2008	2009	2010	HOUILLE
Spain	0.649	0.644	0.623	0.604	Espagne
Tajikistan	0.634	0.634	0.634	0.634	Tadjikistan
Turkey	0.632	0.661	0.646	0.855	Turquie
Ukraine	0.815	0.806	0.811	0.804	Ukraine
United Kingdom	0.856	0.856	0.856	0.856	Royaume-Uni
United States	0.925	0.922	0.920	0.924	États-Unis
Uzbekistan	0.634	0.634	0.634	0.634	Ouzbékistan
Venezuela (Bolivar. Rep.)	1.000	1.000	1.000	1.043	Venezuela (Rép. bolivari.)
Zambia	0.843	0.843	0.843	0.843	Zambie
Zimbabwe	0.921	0.921	0.921	0.921	Zimbabwe
LIGNITE AND SUB-BITUMINOUS COAL	2007	2008	2009	2010	LIGNITE ET CHARBON SOUS-BITUMINEUX
Standard factor	0.385	0.385	0.385	0.385	Facteur standard
Albania	0.336	0.336	0.336	0.336	Albanie
Australia	0.455	0.457	0.465	0.436	Australie
Belgium	0.750	0.750	0.750	0.750	Belgique
Bosnia and Herzegovina	0.460	0.460	0.462	0.455	Bosnie-Herzégovine
Bulgaria	0.238	0.238	0.239	0.239	Bulgarie
Canada	0.575	0.613	0.611	0.582	Canada
Czech Republic	0.440	0.434	0.432	0.435	République tchèque
Estonia	0.306	0.303	0.307	0.307	Estonie
Germany	0.308	0.307	0.307	0.309	Allemagne
Greece	0.181	0.177	0.180	0.185	Grèce
Hungary	0.258	0.257	0.247	0.250	Hongrie
India	0.330	0.330	0.330	0.326	Inde
Indonesia	0.708	0.683	0.683	0.683	Indonésie
Kazakhstan	0.500	0.500	0.500	0.500	Kazakhstan
Korea, Dem. Ppl's. Rep.	0.600	0.600	0.600	0.600	Corée, Rép. pop. dém. de
Mexico	0.662	0.662	0.662	0.662	Mexique
Mongolia	0.330	0.330	0.330	0.330	Mongolie
New Zealand	0.695	0.678	0.677	0.681	Nouvelle-Zélande

Table I (continued - suite)

**COEFFICIENTS USED TO CONVERT FROM ORIGINAL UNITS
INTO COAL EQUIVALENT**

**FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

PRODUCTION, EXPORTS AND CHANGES IN STOCKS

PRODUCTION, EXPORTATIONS ET VARIATIONS DES STOCKS

LIGNITE AND SUB-BITUMINOUS COAL	2007	2008	2009	2010	LIGNITE ET CHARBON SOUS-BITUMINEUX
Philippines	0.667	0.667	0.667	0.667	Philippines
Poland	0.296	0.305	0.305	0.292	Pologne
Romania	0.268	0.268	0.276	0.271	Roumanie
Russian Federation	0.501	0.509	0.509	0.509	Fédération de Russie
Serbia	0.304	0.304	0.272	0.272	Serbie
Slovakia	0.373	0.368	0.363	0.369	Slovaquie
Slovenia	0.390	0.374	0.374	0.374	Slovénie
Spain	0.288	0.445	0.342	0.294	Espagne
Thailand	0.357	0.357	0.357	0.357	Thaïlande
Turkey	0.269	0.288	0.300	0.323	Turquie
Ukraine	0.500	0.500	0.500	0.500	Ukraine
United States	0.629	0.627	0.626	0.626	États-Unis
COKE-OVEN COKE	2007	2008	2009	2010	COKE DE FOUR
Standard factor	0.900	0.900	0.900	0.900	Facteur standard
Australia	0.875	0.875	0.875	0.875	Australie
Austria	0.990	0.990	0.990	0.990	Autriche
Belgium	0.945	0.945	0.945	0.945	Belgique
Brazil	1.042	1.042	1.042	1.042	Brésil
Canada	0.935	0.935	0.935	0.984	Canada
China	0.971	0.971	0.971	0.971	Chine
Colombia	0.686	0.686	0.686	0.686	Colombie
Czech Republic	0.949	0.946	0.977	0.963	République tchèque
Estonia	0.972	0.972	0.972	0.972	Estonie
Finland	1.000	1.000	1.000	1.000	Finlande
France	0.955	0.955	0.955	0.955	France
Germany	0.978	0.978	0.978	0.978	Allemagne
Hungary	1.007	1.006	1.013	1.023	Hongrie
Italy	0.990	0.990	0.990	0.990	Italie
Japan	1.003	1.003	1.003	1.003	Japon
Korea, Republic of	1.000	1.000	1.000	1.000	Corée, République de
Mexico	0.905	0.905	0.905	0.905	Mexique
Netherlands	0.972	0.972	0.972	0.972	Pays-Bas
New Zealand	1.007	1.007	1.007	1.007	Nouvelle-Zélande
Poland	0.965	0.953	0.947	0.919	Pologne
Slovakia	0.986	0.937	0.965	0.965	Slovaquie
South Africa	0.904	0.904	0.904	0.904	Afrique du Sud

Table I (continued - suite)

**COEFFICIENTS USED TO CONVERT FROM ORIGINAL UNITS
INTO COAL EQUIVALENT**

**FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

PRODUCTION, EXPORTS AND CHANGES IN STOCKS					
PRODUCTION, EXPORTATIONS ET VARIATIONS DES STOCKS					
COKE-OVEN COKE	2007	2008	2009	2010	COKE DE FOUR
Spain	1.034	1.028	1.028	0.972	Espagne
Sweden	0.958	0.958	0.958	0.958	Suède
Turkey	1.000	.0910	0.953	0.944	Turquie
United Kingdom	0.966	0.966	0.966	0.966	Royaume-Uni
United States	0.984	0.984	0.984	0.984	États-Unis
HARD COAL BRIQUETTES	2007	2008	2009	2010	AGGLOMERES DE HOUILLE
Standard factor	1.000	1.000	1.000	1.000	Facteur standard
Belgium	1.000	1.000	1.000	1.000	Belgique
France	1.092	1.092	1.092	1.092	France
Germany	1.071	1.071	1.071	1.071	Allemagne
Ireland	0.957	0.957	0.957	0.957	Irlande
Korea, Republic of	0.684	0.657	0.657	0.657	Corée, République de
United Kingdom	1.054	1.058	1.057	1.057	Royaume-Uni
United States	0.946	0.946	0.946	0.946	États-Unis
LIGNITE BRIQUETTES	2007	2008	2009	2010	BRIQUETTES DE LIGNITE
Standard factor	0.670	0.670	0.670	0.670	Facteur standard
Australia	0.751	0.758	0.749	0.716	Australie
Czech Republic	0.801	0.807	0.806	0.800	République tchèque
Germany	0.732	0.730	0.720	0.732	Allemagne
Greece	0.485	0.484	0.484	0.484	Grèce
Hungary	0.744	0.847	0.709	0.709	Hongrie
Ireland	0.633	0.633	0.633	0.633	Irlande
Russian Federation	0.600	0.600	0.600	0.600	Fédération de Russie
Turkey	0.639	0.629	0.629	0.629	Turquie
PEAT	2007	2008	2009	2010	TOURBE
Standard factor	0.325	0.325	0.325	0.325	Facteur standard
Austria	0.300	0.300	0.300	0.300	Autriche
Burundi	0.500	0.500	0.500	0.500	Burundi
Falkland Is. (Malvinas)	0.325	0.325	0.325	0.325	Iles Falkland (Malvinas)
Finland	0.348	0.348	0.348	0.348	Finlande
Germany	0.286	0.286	0.286	0.286	Allemagne
Ireland	0.305	0.298	0.301	0.285	Irlande
Sweden	0.427	0.427	0.427	0.427	Suède

Table I (continued – suite)

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**FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

IMPORTS					
IMPORTATIONS					
HARD COAL	2007	2008	2009	2010	HOUILLE
Standard factor	1.000	1.000	1.000	1.000	Facteur standard
Argentina	1.028	1.029	1.029	1.029	Argentine
Austria	0.976	0.981	0.976	0.969	Autriche
Bangladesh	0.714	0.714	0.714	0.714	Bangladesh
Belarus	0.792	0.840	0.825	0.793	Bélarus
Belgium	0.929	0.925	0.917	0.937	Belgique
Brazil	1.042	1.042	1.042	1.042	Brésil
Bulgaria	0.849	0.832	0.874	0.873	Bulgarie
Canada	0.905	0.966	0.966	0.878	Canada
Chile	0.826	0.829	0.762	0.785	Chili
China	0.731	0.710	0.724	0.713	Chine
China, Hong Kong SAR	0.764	0.764	0.764	0.764	Chine, Hong-Kong RAS
Colombia	0.929	0.929	0.929	0.929	Colombie
Czech Republic	0.872	0.887	0.910	0.915	République tchèque
Denmark	0.836	0.833	0.841	0.834	Danemark
Egypt	0.871	0.871	0.871	0.871	Égypte
Estonia	0.927	0.927	0.927	0.927	Estonie
Finland	0.890	0.886	0.865	0.889	Finlande
France	0.937	0.939	0.923	0.928	France
Georgia	0.836	0.836	0.836	0.853	Géorgie
Germany	0.912	0.913	0.909	0.922	Allemagne
Greece	0.878	0.889	0.887	0.918	Grèce
Hungary	1.021	1.009	1.013	1.033	Hongrie
Iceland	0.957	0.957	0.957	0.957	Islande
India	0.829	0.829	0.829	0.829	Inde
Indonesia	0.962	0.911	0.911	0.911	Indonésie
Ireland	0.950	0.950	0.950	0.950	Irlande
Israel	0.858	0.857	0.858	0.856	Israël
Italy	0.945	0.943	0.933	0.942	Italie
Japan	0.883	0.883	0.884	0.883	Japon
Kazakhstan	0.634	0.634	0.634	0.634	Kazakhstan
Korea, Republic of	0.882	0.881	0.876	0.881	Corée, République de
Kyrgyzstan	0.634	0.634	0.634	0.634	Kirghizistan
Latvia	0.895	0.895	0.895	0.895	Lettonie
Luxembourg	0.967	0.974	0.982	0.977	Luxembourg
Mexico	0.801	0.801	0.801	0.801	Mexique
Montenegro	0.929	0.929	0.929	0.929	Monténégro
Morocco	0.943	0.943	0.943	0.943	Maroc

Table I (continued – suite)

**COEFFICIENTS USED TO CONVERT FROM ORIGINAL UNITS
INTO COAL EQUIVALENT**

**FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

IMPORTS					
IMPORTATIONS					
HARD COAL	2007	2008	2009	2010	HOUILLE
Netherlands	0.867	0.870	0.866	0.877	Pays-Bas
New Zealand	0.948	0.966	0.966	0.949	Nouvelle-Zélande
Norway	0.959	0.959	0.959	0.959	Norvège
Pakistan	0.990	0.990	0.993	0.993	Pakistan
Peru	0.928	0.928	0.928	0.928	Pérou
Poland	0.902	0.887	0.859	0.857	Pologne
Portugal	0.869	0.867	0.874	0.875	Portugal
Republic of Moldova	0.634	0.634	0.634	0.634	République de Moldova
Romania	0.937	0.935	0.926	0.916	Roumanie
Russian Federation	0.873	0.859	0.856	0.858	Fédération de Russie
Serbia	0.776	0.776	0.792	0.787	Serbie
Slovakia	0.913	0.927	0.961	0.965	Slovaquie
Slovenia	0.885	0.885	0.815	0.863	Slovénie
Spain	0.851	0.845	0.823	0.859	Espagne
Sweden	0.979	0.986	0.985	0.996	Suède
Switzerland	0.959	0.959	0.959	0.959	Suisse
Tajikistan	0.634	0.634	0.634	0.634	Tadjikistan
Thailand	0.900	0.900	0.900	0.900	Thaïlande
Turkey	0.892	0.932	0.923	0.920	Turquie
Ukraine	0.871	0.871	0.871	0.871	Ukraine
United Kingdom	0.882	0.878	0.877	0.890	Royaume-Uni
United States	0.900	0.889	0.890	0.888	États-Unis
Uruguay	1.000	1.000	1.000	1.000	Uruguay
Zimbabwe	0.921	0.921	0.921	0.921	Zimbabwe
LIGNITE AND SUB-BITUMINOUS COAL	2007	2008	2009	2010	LIGNITE ET CHARBON SOUS-BITUMINEUX
Standard factor	0.385	0.385	0.385	0.385	Facteur standard
Albania	0.336	0.336	0.336	0.336	Albanie
Austria	0.618	0.580	0.603	0.673	Autriche
Belgium	0.286	0.286	0.286	0.286	Belgique
Canada	0.607	0.653	0.653	0.622	Canada
Croatia	0.628	0.586	0.614	0.599	Croatie
Czech Republic	0.524	0.524	0.474	0.499	République tchèque
Estonia	0.274	0.274	0.273	0.273	Estonie
France	0.580	0.580	0.580	0.580	France
Germany	0.290	0.560	0.600	0.309	Allemagne

Table I (continued – suite)

**COEFFICIENTS USED TO CONVERT FROM ORIGINAL UNITS
INTO COAL EQUIVALENT**

**FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

IMPORTS					
IMPORTATIONS					
LIGNITE AND SUB-BITUMINOUS COAL	2007	2008	2009	2010	LIGNITE ET CHARBON SOUS-BITUMINEUX
Greece	0.290	0.128	0.146	0.149	Grèce
Hungary	0.567	0.565	0.555	0.590	Hongrie
Ireland	0.676	0.676	0.676	0.676	Irlande
Italy	0.357	0.357	0.639	0.638	Italie
Korea, Republic of	0.714	0.714	0.714	0.714	Corée, République de
Mexico	0.662	0.662	0.662	0.662	Mexique
Netherlands	0.682	0.682	0.682	0.682	Pays-Bas
New Zealand	0.716	0.703	0.703	0.704	Nouvelle-Zélande
Poland	0.293	0.296	0.296	0.296	Pologne
Romania	0.771	0.771	0.771	0.771	Roumanie
Russian Federation	0.501	0.509	0.509	0.509	Fédération de Russie
Serbia	0.587	0.585	0.579	0.579	Serbie
Singapore	0.330	0.330	0.330	0.330	Singapour
Slovakia	0.439	0.486	0.472	0.509	Slovaquie
Slovenia	0.632	0.638	0.626	0.642	Slovénie
Switzerland	0.686	0.686	0.686	0.686	Suisse
Turkey	0.428	0.428	0.428	0.428	Turquie
Ukraine	0.500	0.500	0.500	0.500	Ukraine
United States	0.841	0.676	0.667	0.665	États-Unis
COKE-OVEN COKE	2007	2008	2009	2010	COKE DE FOUR
Standard factor	0.900	0.900	0.900	0.900	Facteur standard
Australia	0.875	0.875	0.875	0.875	Australie
Austria	0.990	0.990	0.990	0.990	Autriche
Belgium	0.945	0.945	0.945	0.945	Belgique
Brazil	1.042	1.042	1.042	1.042	Brésil
Canada	0.935	0.935	0.935	0.984	Canada
China	0.971	0.971	0.971	0.971	Chine
Czech Republic	0.955	0.955	0.926	0.938	République tchèque
Denmark	1.000	1.000	1.000	1.000	Danemark
Finland	1.000	1.000	1.000	1.000	Finlande
France	0.955	0.955	0.955	0.955	France
Germany	0.978	0.978	0.978	0.978	Allemagne
Greece	1.007	1.031	1.036	1.034	Grèce
Hungary	0.992	0.966	0.967	1.000	Hongrie
Iceland	0.910	0.910	0.910	0.910	Islande
Italy	0.990	0.990	0.990	0.990	Italie
Japan	1.003	1.003	1.003	1.003	Japon
Korea, Republic of	1.000	1.000	1.000	1.000	Corée, République de
Luxembourg	0.972	0.972	0.972	0.972	Luxembourg

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**COEFFICIENTS USED TO CONVERT FROM ORIGINAL UNITS
INTO COAL EQUIVALENT**

**FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

IMPORTS					
IMPORTATIONS					
COKE-OVEN COKE	2007	2008	2009	2010	COKE DE FOUR
Mexico	0.905	0.905	0.905	0.905	Mexique
Netherlands	0.972	0.972	0.972	0.972	Pays-Bas
Norway	0.972	0.972	0.972	0.972	Norvège
Peru	0.914	0.914	0.914	0.914	Pérou
Poland	0.955	0.955	0.955	0.955	Pologne
Portugal	0.957	1.011	0.997	1.003	Portugal
Slovakia	0.963	0.927	0.930	0.962	Slovaquie
Spain	1.034	1.028	1.028	0.972	Espagne
Sweden	0.958	0.958	0.958	0.958	Suède
Switzerland	0.959	0.959	0.959	0.959	Suisse
Turkey	1.000	0.972	0.952	0.951	Turquie
United Kingdom	0.966	0.966	0.966	0.966	Royaume-Uni
United States	0.984	0.984	0.984	0.984	États-Unis
Uruguay	0.971	0.971	0.971	0.971	Uruguay
HARD COAL BRIQUETTES	2007	2008	2009	2010	AGGLOMERES DE HOUILLE
Standard factor	1.000	1.000	1.000	1.000	Facteur standard
Austria	1.058	1.058	1.058	1.058	Autriche
Belgium	1.000	1.000	1.000	1.000	Belgique
France	1.092	1.092	1.092	1.092	France
Germany	1.071	1.071	1.071	1.071	Allemagne
Ireland	0.957	0.957	0.957	0.957	Irlande
Netherlands	1.000	1.000	1.000	1.000	Pays-Bas
Poland	0.791	0.791	0.791	0.791	Pologne
Slovakia	0.955	0.955	0.955	0.955	Slovaquie
Ukraine	1.000	1.000	1.000	0.990	Ukraine
United Kingdom	1.054	1.058	1.057	1.057	Royaume-Uni
LIGNITE BRIQUETTES	2007	2008	2009	2010	BRIQUETTES DE LIGNITE
Standard factor	0.670	0.670	0.670	0.670	Facteur standard
Austria	0.659	0.659	0.659	0.659	Autriche
Belgium	0.686	0.686	0.686	0.682	Belgique
Czech Republic	0.714	0.714	0.705	0.661	République tchèque
Denmark	0.624	0.624	0.624	0.624	Danemark
Germany	0.648	0.765	0.678	0.694	Allemagne
Hungary	0.682	0.682	0.682	0.682	Hongrie
Luxembourg	0.686	0.686	0.686	0.686	Luxembourg
Poland	0.596	0.597	0.597	0.596	Pologne
Slovakia	0.785	0.631	0.813	0.580	Slovaquie
Sweden	0.686	0.686	0.686	0.686	Suède

Table I (continued – suite)**COEFFICIENTS USED TO CONVERT FROM ORIGINAL UNITS
INTO COAL EQUIVALENT****FACTEURS DE CONVERSION DES UNITES D'ORIGINE
EN EQUIVALENT CHARBON**

	OTHERS	
	AUTRES	
Oil shale	0.314	Schiste bitumineux
Fuelwood	0.312	Bois de chauffage
Bagasse	0.263	Bagasse
Peat briquettes	0.500	Briquettes de tourbe
Charcoal	0.986	Charbon de bois
Crude oil	1.443	Pétrole brut
Natural gas liquids (weighted average)	1.542	Liquides de gaz naturel (moyenne pondérée)
Gasolene	1.500	Essences
Kerosene	1.474	Pétrole lampant
Jet fuel	1.474	Carburéacteurs
Gas-Diesel oils	1.450	Gazole/carburant Diesel
Residual fuel oil	1.416	Mazout résiduel
Liquefied petroleum gases	1.554	Gaz de pétrole liquéfié
Natural gasolene	1.532	Essence naturelle
Condensate	1.512	Condensat
Other natural gas liquids	1.512	Autres liquides de gaz naturel
Natural gas (in terajoules) ¹	34.121	Gaz naturel (en térajoules) ¹
Other gases (in terajoules) ¹	34.121	Autres gaz (en térajoules) ¹
Hydro and wind electricity (in 1,000 kWh)	0.123	Electricité hydraulique et éolienne (en 1 000 kWh)
Nuclear electricity (in 1,000 kWh)	0.123	Electricité nucléaire (en 1 000 kWh)
Geothermal electricity (in 1,000 kWh)	0.123	Electricité géothermique (en 1 000 kWh)

¹The average calorific value of gas is measured in kcal/m³ (st), i.e., in kcal per cubic metre of gas under standard conditions of 15°C, 1,013.25 mbar, dry.

¹La valeur calorifique moyenne du gaz est mesurée en kcal/m³ (n) ; c'est-à-dire en kcal par mètre cube de gaz dans les conditions normales 15°C, 1.013,25 mbar sèc.