

Energy Balance - RSA 1998 (Aggregated)

Supply & Consumption (TJ)	Coal	Crude Oil	Petroleum Products	Gas	Nuclear	Hydro	Geothermal Solar etc	Renewables & Waste	Electricity	Heat	Total
Indigenous Production	5,278,318.54	293,876.42	-	53,982.54	148,374.55	5,742.00	-	237,400.00	-	-	6,017,694.05
Import	36,147.18	897,696.39	40,948.17	-	-	-	-	-	8,550.00	-	983,341.74
Export	-1,716,393.20	-28,924.77	-147,573.42	-	-	-	-	-	-16,315.20	-	-1,909,206.58
Intl. Marine Bunkers	-	-	-122,340.59	-	-	-	-	-	-	-	-122,340.59
Stock Changes	-329,874.96	-	-	-	-	-	-	-	-	-	-329,874.96
Total Primary Energy Supply	3,268,197.56	1,162,648.05	-228,965.84	53,982.54	148,374.55	5,742.00	-	237,400.00	-7,765.20	-	4,639,613.65
Transfers	-	-	-	-	-	-	-	-	-	-	-
Statistical Differences	241,939.95	0.00	139.09	0.00	-	-	-	-	-43,406.53	-	198,672.51
Public Electricity Plant	-1,920,677.35	-	-	-	-148,374.55	-5,742.00	-	-	710,546.40	-	-1,364,247.49
Autoproducer Electricity Plant	-110,025.00	-	-	-	-	-	-	-	20,088.00	-	-89,937.00
Public CHP Plant	-	-	-	-	-	-	-	-	-	-	-
Autoproducer CHP Plant	-	-	-	-	-	-	-	-	-47,000.00	-	-47,000.00
Public Heat Plant	-	-	-	-	-	-	-	-	-	-	-
Autoproducer Heat Plant	-	-	-	-	-	-	-	-	-	-	-
Heat pumps	-	-	-	-	-	-	-	-	-	-	-
Electric boilers	-	-	-	-	-	-	-	-	-	-	-
Gas Works	-129,577.62	-	-	31,378.00	-	-	-	-	-	-	-98,199.62
Oil Refineries	-	-1,162,648.05	998,317.60	-186.57	-	-	-	-	-46,196.49	-	-210,713.50
Coal Transformation	-20,440.39	-	-	-	-	-	-	-	-	-	-20,440.39
Liquefaction	-603,147.90	-	-	-53,982.54	-	-	-	-	-	-	-657,130.44
Non-specified (Transformation)	-	-	-	-	-	-	-	-	-	-	-
Own Use	-	-	-	-	-	-	-	-	-2,592.88	-	-2,592.88
Distribution Losses	-	-	-	-	-	-	-	-	-59,522.71	-	-59,522.71
Total Final Consumption	726,269.26	-	769,490.85	31,191.42	-	-	-	190,400.00	571,150.59	-	2,288,502.12
Industry Sector	644,999.66	-	75,950.97	31,071.46	-	-	-	-	366,722.08	-	1,118,744.17
Iron and Steel	181,672.87	-	-	15,328.62	-	-	-	-	67,914.05	-	264,915.54
Chemical and Petrochemical	261,944.01	-	-	3,051.11	-	-	-	-	9,467.10	-	274,462.22
<i>Memo: Feedst. Use In Petrochem. Ind.</i>	203,985.00	-	-	-	-	-	-	-	-	-	203,985.00
Non-Ferrous Metals	-	-	-	957.33	-	-	-	-	53,169.53	-	54,126.86
Non-Metallic Minerals	33,989.76	-	-	6,314.00	-	-	-	-	4,158.58	-	44,462.34
Transport Equipment	-	-	-	105.63	-	-	-	-	54.53	-	160.16
Machinery	-	-	-	604.05	-	-	-	-	132.75	-	736.80
Mining and Quarrying	40,961.05	-	20,341.89	497.74	-	-	-	-	105,133.02	-	166,933.70
Food and Tobacco	-	-	-	1,153.86	-	-	-	-	2,081.22	-	3,235.08
Paper Pulp and Print	-	-	-	371.16	-	-	-	-	3,741.97	-	4,113.13
Wood and Wood Products	-	-	-	169.59	-	-	-	-	2,243.65	-	2,413.24
Construction	-	-	12,004.06	-	-	-	-	-	73.72	-	12,077.77
Textile and Leather	-	-	-	17.67	-	-	-	-	1,341.90	-	1,359.57
Non-specified (Industry)	126,431.97	-	43,605.03	2,500.70	-	-	-	-	117,210.06	-	289,747.76
Transport Sector	631.45	-	582,419.40	13.41	-	-	-	-	16,701.98	-	599,766.24
International Civil Aviation	-	-	38,620.44	-	-	-	-	-	-	-	38,620.44
Domestic Air Transport	-	-	26,644.85	13.41	-	-	-	-	90.20	-	26,748.46
Road	-	-	508,587.69	-	-	-	-	-	84.55	-	508,672.24
Rail	-	-	7,917.41	-	-	-	-	-	12,860.90	-	20,778.31
Pipeline Transport	-	-	-	-	-	-	-	-	239.57	-	239.57
Internal Navigation	-	-	-	-	-	-	-	-	23.52	-	23.52
Non-specified (Transport)	631.45	-	649.01	-	-	-	-	-	3,403.23	-	4,683.69
Other Sectors	80,638.15	-	85,020.23	106.55	-	-	-	190,400.00	187,726.54	-	543,891.47
Agriculture	4,913.51	-	54,214.74	-	-	-	-	-	20,258.75	-	79,387.00
Commerce and Public Services	25,241.54	-	368.71	106.55	-	-	-	-	50,305.46	-	76,022.27
Residential	50,483.09	-	27,033.49	-	-	-	-	190,400.00	108,587.12	-	376,503.70
Non-specified (Other)	-	-	3,403.30	-	-	-	-	-	8,575.21	-	11,978.51
Non-Energy Use	-	-	26,100.25	-	-	-	-	-	-	-	26,100.25
Memo:Non-Energy Use Ind/Transf/Ene	-	-	26,100.25	-	-	-	-	-	-	-	26,100.25
Memo:Non-Energy Use in Transport	-	-	-	-	-	-	-	-	-	-	-
Memo:Non-Energy Use in Oth. Sect	-	-	-	-	-	-	-	-	-	-	-
Elect.Output in GWh	187,758	-	-	-	13,601	1,595	-	-	-	-	202,954
Elect.Output-public elec. plant	182,178	-	-	-	13,601	1,595	-	-	-	-	197,374
Elect.Output-autoprod. elec. plant	5,580	-	-	-	-	-	-	-	-	-	5,580
Elect.Output-public CHP plant	-	-	-	-	-	-	-	-	-	-	-
Elect.Output-autoprod. CHP plant	-	-	-	-	-	-	-	-	-	-	-
Heat Output-public CHP plant	-	-	-	-	-	-	-	-	-	-	-
Heat Output-autoproducer CHP plant	-	-	-	-	-	-	-	-	-	-	-
Heat Output-public heat plant	-	-	-	-	-	-	-	-	-	-	-
Heat Output-autoprod. heat plant	-	-	-	-	-	-	-	-	-	-	-
Heat Output in TJ	-	-	-	-	-	-	-	-	-	-	-

DATA SOURCE: Science Consultancy Enterprises cc

BALANCE FORMAT: International Energy Agency, Paris

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