



Organización Latinoamericana de Energía
Latin America Energy Organization



Comisión Europea
European Commission

SIEE

SISTEMA DE INFORMACIÓN ECONÓMICA-ENERGÉTICA
ENERGY-ECONOMIC INFORMATION SYSTEM

ENERGÍA EN CIFRAS
ENERGY STATISTICS

Versión No. 16 - Quito, Octubre 2004

PRESENTACION

La Organización Latinoamericana de Energía (OLADE) es un organismo internacional de cooperación, coordinación y asesoría, con personería jurídica propia, cuyo propósito fundamental es promover la integración, desarrollo, conservación, uso racional y comercialización de los recursos energéticos de la región.

La Secretaría Permanente de OLADE presenta este plegable con el objeto de proporcionar a la comunidad internacional información básica sobre el comportamiento de las principales variables energéticas de América Latina y el Caribe y su participación en el contexto mundial.

Los datos que aquí se publican se han obtenido del Sistema de Información Económica-Energética (SIEE®), el cual se basa en información proporcionada por los Ministerios de Energía de cada uno de los Países Miembros de la Organización. Este proyecto cuenta con el apoyo de la Comisión Europea.

PRESENTATION

The Latin American Energy Organization (OLADE) is an international public cooperation, coordination, and advisory agency, with its own legal status, aimed essentially at promoting the integration, development, conservation, rational use, and marketing of the region's energy resources.

The Permanent Secretariat of OLADE is issuing this brochure to provide the international community with basic information on the performance of the major energy variables for Latin America and the Caribbean and their share in the world situation.

The data published herein have been drawn from the Energy-Economic Information System (SIEE®), based on information provided by the Ministries of Energy in each OLADE member country. This project is supported by the European Commission.

TABLA DE CONVERSIONES PARA UNIDADES ENERGETICAS COMUNES DE OLADE
CONVERSION TABLE FOR COMMON OLADE ENERGY UNITS

	Bep	Tep	Tec	Tcal	TJ	10 ³ Btu	MWh	kg GLP	m ³ Gas Nat.	pc Gas Nat.
Bep	1	0.13878	0.1982593	0.00139	0.00581	5524.86	1.6139445	131.0616	167.207304	5917.15976
Tep	7.205649	1	1.4285868	0.01	0.04184	39810.22	11.629517	944.38388	1204.83714	42636.9763
Tec	5.04390	0.6999925	1	0.0070	0.0292877	27866.85	8.14057	661.0616	843.376919	29845.5621
Tcal	720.5649	100	142.85868	1	4.184	3981022	1162.952	94438.388	120483.714	4263697.6
TJ	172.21914	23.900574	34.144044	0.2390057	1	951487	277.95214	22571.316	28796.2988	1019048.19
10 ³ Btu	0.00018	2.51E-05	3.59E-05	2.51E-07	1.05E-06	1	0.00029	0.02372	0.030265	1.07101
MWh	0.61960	0.08599	0.1228	0.00086	0.0036	3423.20	1	81.20577	103.6016	3666.27219
kg GLP	0.00763	0.00106	0.001513	1.06E-05	4.43E-05	42.154696	0.0123144	1	1.27579173	45.147929
m ³ Gas Nat.	0.00598	0.00083	0.001186	8.30E-06	3.47E-05	33.041989	0.0096524	0.783827	1	35.3881657
pc Gas Nat.	0.00017	2.35E-05	3.35E-05	2.35E-07	9.81E-07	0.9337017	0.0002728	0.0221494	0.02825803	1

• 1bbl GLP = 0.6701 Bep • 1bbl = 0.15898 m³ = 5.6143 pc • 1m³ GLP = 552.4 kg • 1pc = 0.028317 m³

ABREVIATURAS / ABBREVIATIONS

bbl	Barriles / Barrels
Bep	Barriles equivalentes de petróleo
Boe	Barrels of oil equivalent
Btu	Unidad Térmica Británica / British Thermal Unit
GW	Gigavatios / Gigawatts
GWh	Gigavatios-hora / Gigawatt-hour
Hab	Habitantes / Inhabitants
kg	Kilogramo / Kilogram
KWh	Kilovatios-hora / Kilowatt-hour
GLP	Gas Licuado de Petróleo
LPG	Liquefied Petroleum Gas
m³	Metros cúbicos / Cubic meters
MW	Megavatios / Megawatts
MWh	Megavatios-hora / Megawatt-hour
n/a	No aplicable / not applicable
pc	Pies cúbicos / Cubic feet
Tcal	Teracalorías / Teracalories
Tec	Toneladas equivalentes de carbón / Tons of coal equivalent
Tep	Toneladas equivalentes de petróleo / Tons of oil equivalent
TJ	Terajoules
tons	Toneladas métricas / Metric tons
TWh	Teravatios-hora / Terawatt-hour

FUENTES

Cifras de América Latina y El Caribe:

OLADE, Sistema de Información Económica-Energética (SIEE®), con base en la información proporcionada por los Países Miembros

Cifras de otras regiones del mundo:

British Petroleum
Energy Information Administration (US-DOE).

SOURCES

Figures for Latin America and the Caribbean:

OLADE, Energy-Economic Information System (SIEE®), based on information provided by the member countries

Figures for other world regions:

British Petroleum
Energy Information Administration (US-DOE).

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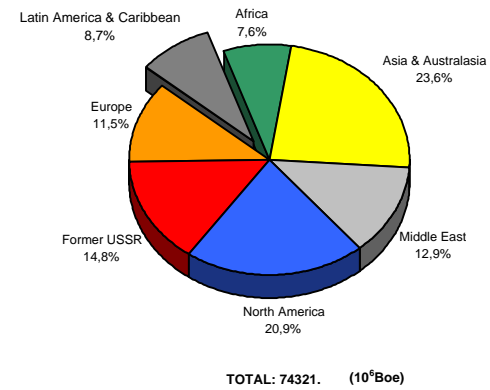
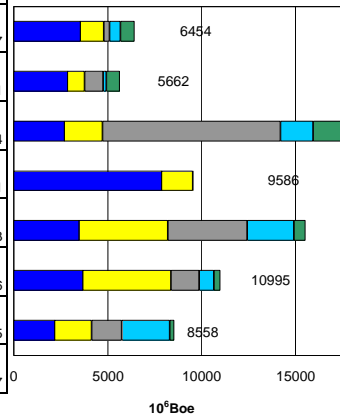
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PRODUCCION MUNDIAL DE ENERGIA / WORLD ENERGY PRODUCTION (10⁶ Boe) 2003

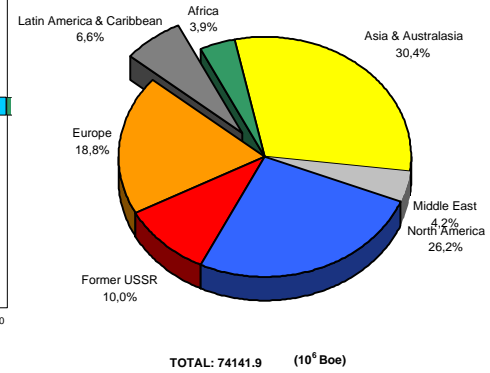
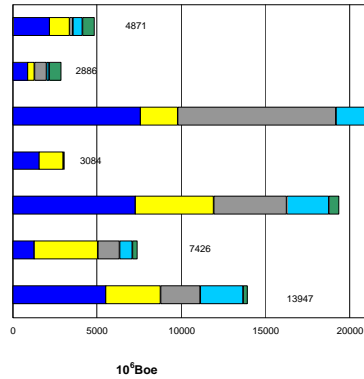
REGION	Oil Petróleo	Natural Gas	Coal Carbón M.	Electricity Electricidad	Biomass Biomasa	TOTAL
Latin America & Caribbean	3.556,50	1.242,06	318,66	572,02	764,33	6.453,57
Africa	2.869,65	917,28	990,78	157,32	726,98	5.662,01
Asia & Australasia	2.707,67	2.013,98	9.494,88	1.754,01	1.557,80	17.528,34
Middle East	7.880,85	1.670,99	4,32	21,62	7,93	9.585,71
North America	3.480,33	4.734,11	4.212,42	2.512,25	599,12	15.538,23
Former Soviet Union	3.697,29	4.689,44	1.516,68	779,00	312,85	10.995,26
Europe	2.197,07	1.950,57	1.610,58	2.544,17	255,46	8.557,85
TOTAL	26.389,37	17.218,43	18.148,31	8.340,40	4.224,47	74.320,97



CONSUMO MUNDIAL DE ENERGIA / WORLD ENERGY CONSUMPTION (10⁶ Boe) 2003

REGION	Oil Petróleo	Natural Gas	Coal Carbón M.	Electricity Electricidad	Biomass Biomasa	TOTAL
Latin America & Caribbean (*)	2.180,73	1.195,31	197,77	557,75	739,29	4.870,84
Africa	868,28	433,06	700,39	157,32	726,98	2.886,04
Asia & Australasia	7.559,45	2.240,24	9.412,02	1.754,01	1.557,80	22.523,51
Middle East	1.548,49	1.444,01	61,97	21,62	7,93	3.084,02
North America	7.282,75	4.651,25	4.358,70	2.512,25	599,12	19.404,06
Former Soviet Union	1.263,87	3.778,64	1.291,97	779,00	312,85	7.426,34
Europe	5.526,01	3.251,91	2.369,53	2.544,17	255,46	13.947,08
TOTAL	26.229,58	16.994,41	18.392,34	8.326,13	4.199,43	74.141,89

(*) Includes final consumption, transformation center consumption and losses.



LATINO AMERICA & EL CARIBE: CONSUMO DE ENERGIA / ENERGY CONSUMPTION 2003

COUNTRY	POPULATION 10 ³ inhab	GROSS DOMESTIC PRODUCT(3) 10 ⁶ 1995 US\$	FINAL ENERGY CONSUMPTION 10 ³ Boe	PER CAPITA GDP (3) 1995 US\$/inhab	PER CAPITA FINAL CONSUMPTION Boe/inhab	ENERGY INTENSITY (2) (3) Boe/10 ³ 1995 US\$	CONSUMPTION				CO2 EMISSIONS*	
							ELECTRICITY		OIL PRODUCTS		ELECTRICITY GENERATION 10 ³ tons	OVERALL ENERGY SECTOR 10 ³ tons
							FINAL	PER CAPITA	TOTAL (1)	PER CAPITA		
							GWh	kWh/inhab	10 ³ Boe	Boe/inhab	(D)	(D/A)
ARGENTINA	38.401	246.647	314.726	6.423	8,2	1,3	80.026	2.084	174.210	4,5	20.457	121.514
BARBADOS	270	1.843	1.897	6.826	7,0	1,0	782	2.895	2.495	9,2	578	1.085
BOLIVIA	8.898	8.485	19.599	954	2,2	2,3	3.665	412	15.280	1,7	1.728	8.022
BRAZIL	177.268	759.611	1.146.394	4.285	6,5	1,5	329.771	1.860	595.385	3,4	19.925	300.535
COLOMBIA	44.562	103.030	168.338	2.312	3,8	1,6	36.518	819	90.881	2,0	6.488	56.917
COSTA RICA	4.245	16.270	18.381	3.833	4,3	1,1	6.708	1.580	12.764	3,0	438	5.905
CUBA	11.306	48.360	61.984	4.277	5,5	1,3	12.469	1.103	42.355	3,7	7.225	24.711
CHILE	15.774	96.253	148.738	6.102	9,4	1,5	41.895	2.656	91.453	5,8	13.822	55.025
ECUADOR	13.343	23.749	48.047	1.780	3,6	2,0	8.366	627	49.048	3,7	3.266	20.030
EL SALVADOR	6.638	11.681	23.114	1.760	3,5	2,0	4.839	729	14.259	2,1	1.569	6.166
GRENADA	94	299	454	3.176	4,8	1,5	130	1.379	522	5,5	79	214
GUATEMALA	12.309	19.093	50.523	1.551	4,1	2,6	5.808	472	22.298	1,8	2.781	11.120
GUYANA	766	575	5.295	751	6,9	9,2	644	840	3.661	4,8	607	1.559
HAITI	8.827	3.641	12.534	412	1,4	3,4	283	32	3.964	0,4	206	1.652
HONDURAS	7.001	5.023	23.637	717	3,4	4,7	3.817	545	13.725	2,0	1.514	6.364
JAMAICA	2.651	5.379	17.554	2.029	6,6	3,3	6.516	2.458	25.313	9,5	5.695	10.917
MEXICO	103.301	484.332	701.409	4.689	6,8	1,4	160.384	1.553	636.419	6,2	113.350	369.997
NICARAGUA	5.489	4.309	16.308	785	3,0	3,8	1.653	301	9.204	1,7	1.522	3.935
PANAMA	3.116	9.842	16.678	3.159	5,4	1,7	4.359	1.399	12.893	4,1	1.610	5.465
PARAGUAY	5.922	8.731	26.853	1.474	4,5	3,1	4.315	729	9.006	1,5	0	3.911
PERU	27.148	66.143	77.056	2.436	2,8	1,2	20.206	744	51.622	1,9	3.323	24.989
DOMINICAN REPUBLIC	8.819	18.270	38.587	2.072	4,4	2,1	11.893	1.349	41.070	4,7	7.631	16.714
SURINAME	423	588	4.188	1.390	9,9	7,1	1.339	3.166	4.151	9,8	1.034	2.294
TRINIDAD & TOBAGO	1.307	8.157	65.582	6.241	50,2	8,0	5.876	4.496	254.216	194,5	4.458	26.122
URUGUAY	3.408	16.670	16.035	4.892	4,7	1,0	5.970	1.752	9.719	2,9	16	4.090
VENEZUELA	25.554	63.492	256.399	2.485	10,0	4,0	62.477	2.445	181.508	7,1	28.279	128.948
T O T A L	536.840	2.030.474	3.280.308				820.706		2.367.420		247.599	1.218.205
REGIONAL AVERAGE				3.782	6,1	1,6		1.529		4,4		

(*) OLADE estimate based on Energy Balances and IPCC Methodology \ Estimación OLADE con base en Balances Energéticos y Metodología IPCC

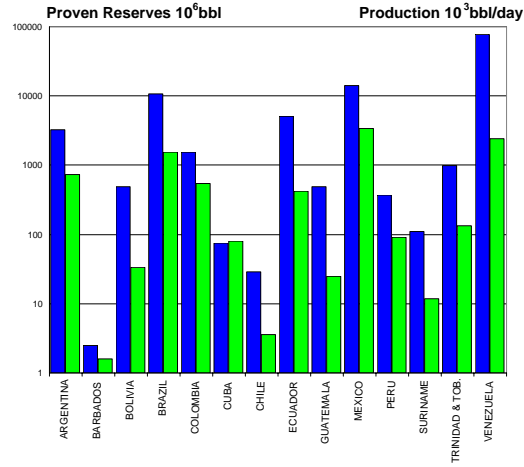
(1) Final Consumption + Transformation Center Consumption + Own Consumption \ Consumo Final + Consumo en Centros de Transformación + Consumo Propio

(2) Final Energy Consumption / Gross Domestic Product \ Consumo Final de Energía / Producto Interno Bruto

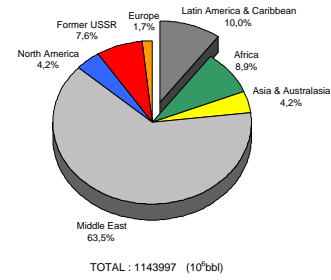
(3) Information of 2003 (base year 1995) \ Información de 2003(año base 1995)

PETROLEO / OIL 2003

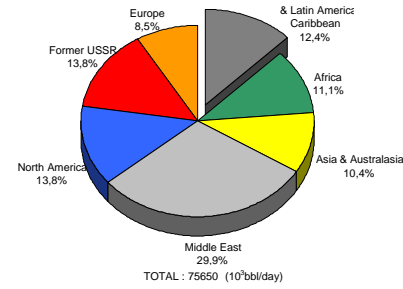
COUNTRY	PROVEN RESERVES	PRODUCTION	R / P
	10 ⁶ bbl	10 ³ bbl/day	Years
ARGENTINA	3.258,80	740,71	12,05
BARBADOS	2,51	1,61	4,28
BOLIVIA	486,11	33,35	39,93
BRAZIL	10.601,91	1.540,66	18,85
COLOMBIA	1.542,40	541,33	7,81
COSTA RICA	0,00	0,00	
CUBA	74,50	79,93	2,55
CHILE	29,00	3,62	21,93
ECUADOR	5.060,00	417,80	33,18
EL SALVADOR	0,00	0,00	
GRENADA	0,00	0,00	
GUATEMALA	493,15	24,73	54,63
GUYANA	0,00	0,00	
HAITI	0,00	0,00	
HONDURAS	0,00	0,00	
JAMAICA	0,00	0,00	
MEXICO	14.119,60	3.377,79	11,45
NICARAGUA	0,00	0,00	
PANAMA	0,00	0,00	
PARAGUAY	0,00	0,00	
PERU	374,05	81,85	11,22
DOMINICAN REP.	0,00	0,00	
SURINAME	110,00	11,78	25,58
TRINIDAD & TOB.	990,00	134,68	20,14
URUGUAY	0,00	0,00	
VENEZUELA	77.383,31	2.404,06	88,19
REGIONAL TOTAL	114.525,34	9.403,41	33,37



WORLD RESERVES



WORLD PRODUCTION



PETROLEO / OIL 2003

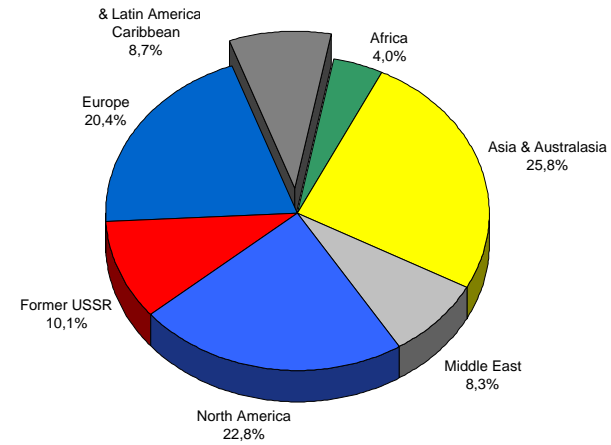
REGIONAL TRADE AND OIL REFINING CAPACITY (1³ bbl/day)

COUNTRY	OIL REFINING CAPACITY	E X P O R T S (1)		I M P O R T S (1)	
		OIL	OIL PRODUCTS	OIL	OIL PRODUCTS
ARGENTINA	625.00	229.81	149.20	2.70	5.10
BARBADOS	0.00	1.61	0.00	0.00	6.99
BOLIVIA	54.00	2.71	0.58	0.00	5.54
BRAZIL	2,041.51	248.97	245.68	361.75	166.01
COLOMBIA	396.00	229.83	65.42	1.17	0.87
COSTA RICA	25.00	0.00	0.14	10.45	29.50
CUBA	150.00	0.00	0.00	26.99	60.30
CHILE	227.00	0.00	34.33	201.73	52.45
ECUADOR	184.90	252.32	38.43	0.00	33.82
EL SALVADOR	44.04	0.00	3.41	19.14	26.44
GRENADA	0.00	0.00	0.00	0.00	1.56
GUATEMALA	22.50	22.59	0.00	0.00	64.81
GUYANA	0.00	0.00	0.00	0.00	10.28
HAITI	0.00	0.00	0.00	0.00	11.09
HONDURAS	0.00	0.00	0.64	0.00	38.88
JAMAICA	35.00	0.00	2.51	17.25	55.64
MEXICO	1,540.00	1,864.07	169.85	0.00	189.09
NICARAGUA	20.00	0.00	0.00	17.10	8.70
PANAMA	60.00	0.00	3.83	0.00	40.03
PARAGUAY	7.50	0.00	0.00	1.63	23.98
PERU	159.30	28.90	41.13	83.37	37.26
DOMINICAN REP.	52.00	0.00	0.00	40.89	77.73
SURINAME	7.00	1.52	0.97	0.00	5.70
TRINIDAD & TOB.	175.00	71.53	97.54	86.04	19.99
URUGUAY	50.00	0.00	9.97	32.85	6.08
VENEZUELA	1,294.40	1,549.28	474.92	0.00	0.00
REGIONAL TOTAL	7,170.15	4,503.15	1,338.56	903.09	977.82

(1) Includes intra-regional trade

Oil products: (LPG+Gasolines+Kerosene +Jet Fuel +Fuel Oil+Diesel Oil)

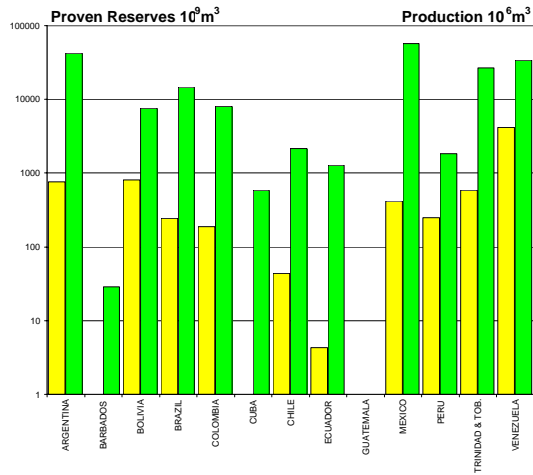
WORLD REFINING CAPACITY



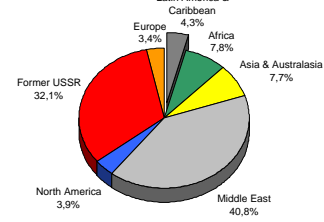
TOTAL : 82694.2 (10³bbl/day)

GAS NATURAL / NATURAL GAS 2003

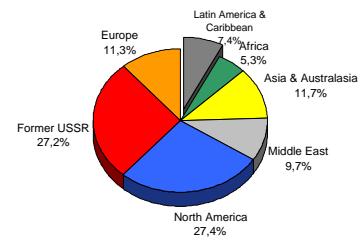
COUNTRY	PROVEN	PRODUCTION	R / P
	RESERVES 10 ⁹ m ³	10 ⁶ m ³ Years	
ARGENTINA	786.18	42,434.89	18.06
BARBADOS	0.11	28.95	3.80
BOLIVIA	810.70	7,624.62	106.33
BRAZIL	245.34	14,719.25	16.67
COLOMBIA	188.04	8,013.67	23.46
COSTA RICA	0.00	0.00	
CUBA	70.50	584.00	120.72
CHILE	44.00	2,175.86	20.22
ECUADOR	4.30	1,275.95	3.37
EL SALVADOR	0.00	0.00	
GRENADA	0.00	0.00	
GUATEMALA	0.60	0.00	
GUYANA	0.00	0.00	
HAITI	0.00	0.00	
HONDURAS	0.00	0.00	
JAMAICA	0.00	0.00	
MEXICO	420.51	57,633.60	7.30
NICARAGUA	0.00	0.00	
PANAMA	0.00	0.00	
PARAGUAY	0.00	0.00	
PERU	246.79	1,844.64	133.79
DOMINICAN REP.	0.00	0.00	
SURINAME	0.00	0.00	
TRINIDAD & TOB.	587.90	26,945.03	21.82
URUGUAY	0.00	0.00	
VENEZUELA	4,147.45	33,752.68	122.88
REGIONAL TOTAL	7,532.42	197,033.14	38.23



WORLD RESERVES

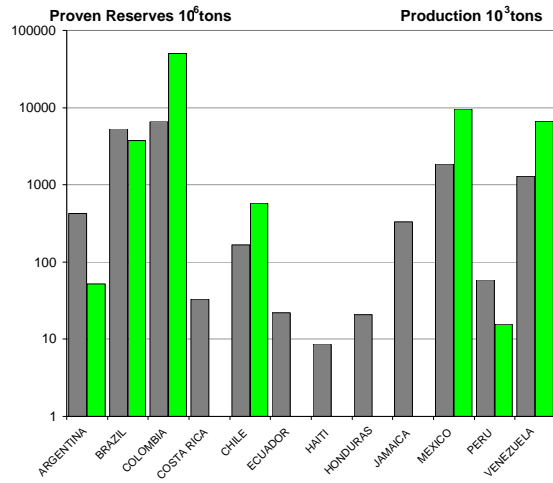


WORLD PRODUCTION

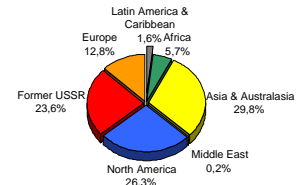


CARBON MINERAL / COAL 2003

COUNTRY	PROVEN RESERVES	PRODUCTION	R / P
	10 ⁶ tons	10 ³ tons	Years
ARGENTINA	423.05	52.00	8.135.58
BARBADOS	0.00	0.00	
BOLIVIA	0.00	0.00	
BRAZIL	5.259.20	3.783.90	1.389.89
COLOMBIA	6.521.70	50.028.49	130.36
COSTA RICA	32.80	0.00	
CUBA	0.00	0.00	
CHILE	165.43	575.78	287.32
ECUADOR	22.00	0.00	
EL SALVADOR	0.00	0.00	
GRENADA	0.00	0.00	
GUATEMALA	0.00	0.00	
GUYANA	0.00	0.00	
HAITI	8.70	0.00	
HONDURAS	21.00	0.00	
JAMAICA	333.00	0.00	
MEXICO	1.838.40	9.603.74	191.43
NICARAGUA	0.00	0.00	
PANAMA	1.00	0.00	
PARAGUAY	0.00	0.00	
PERU	58.66	15.67	3.743.46
DOMINICAN REP.	0.00	0.00	
SURINAME	0.00	0.00	
TRINIDAD & TOB.	0.00	0.00	
URUGUAY	0.00	0.00	
VENEZUELA	1.288.39	6.612.71	194.84
REGIONAL TOTAL	15.973.33	70.672.29	226.02

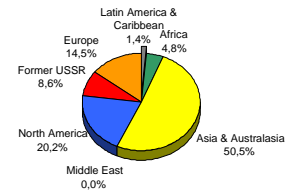


WORLD RESERVES



TOTAL : 972 (10⁶ tons)

WORLD PRODUCTION



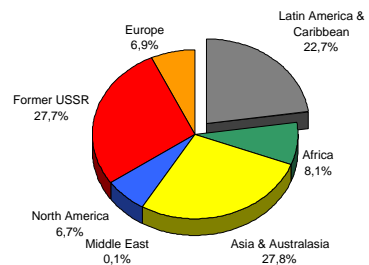
TOTAL : 5117 (10⁶ tons)

ELECTRICIDAD / ELECTRICITY 2003

COUNTRY	HYDROPOWER POTENTIAL [MW]	INSTALLED CAPACITY BY TYPE OF PLANT [MW]				TOTAL
		HYDRO	THERMO.	NUCLEAR	OTHERS*	
ARGENTINA	44.500,00	9.782,73	19.772,00	1.018,00	26,33	30.599,06
BARBADOS	0,00	0,00	209,50	0,00	0,00	209,50
BOLIVIA	190.000,00	479,20	872,86	0,00	1,20	1.353,26
BRAZIL	260.000,00	67.791,80	16.705,80	2.007,00	0,00	86.504,60
COLOMBIA	93.085,00	8.893,34	4.690,15	0,00	70,00	13.653,49
COSTA RICA	6.220,00	1.295,63	395,57	0,00	247,76	1.938,96
CUBA	650,00	57,40	3.901,30	0,00	0,40	3.959,10
CHILE	26.046,00	4.279,14	6.456,94	0,00	2,00	10.738,08
ECUADOR	23.467,00	1.733,58	1.410,00	0,00	397,80	3.541,38
EL SALVADOR	2.165,20	442,00	514,60	0,00	262,40	1.219,00
GRENADA	0,00	0,00	32,00	0,00	0,00	32,00
GUATEMALA	10.890,00	627,30	1.352,80	0,00	29,00	2.009,10
GUYANA	7.600,00	0,50	307,50	0,00	0,00	308,00
HAITI	173,00	63,00	181,00	0,00	0,00	244,00
HONDURAS	5.000,00	465,70	578,30	0,00	0,00	1.044,00
JAMAICA	24,00	23,60	667,10	0,00	120,00	810,70
MEXICO	51.387,00	9.649,94	37.560,74	1.365,00	962,55	49.538,23
NICARAGUA	1.700,00	104,40	510,66	0,00	77,50	692,56
PANAMA	3.698,80	833,00	491,00	0,00	231,20	1.555,20
PARAGUAY	12.516,00	7.410,00	6,10	0,00	0,00	7.416,10
PERU	61.832,40	3.032,31	2.937,05	0,00	0,70	5.970,06
DOMINICAN REP	2.010,00	542,10	4.184,20	0,00	804,00	5.530,30
SURINAME	2.420,00	189,00	200,00	0,00	0,00	389,00
TRINIDAD & TOB	0,00	0,00	1.416,00	0,00	0,00	1.416,00
URUGUAY	1.815,00	1.538,00	633,00	0,00	0,00	2.171,00
VENEZUELA	46.000,00	12.491,00	8.086,00	0,00	0,00	20.577,00
REGIONAL TOTA	853.199,40	131.724,67	114.072,17	4.390,00	3.232,84	253.419,68

* OTHERS : GEOTHERMAL + SOLAR + WIND

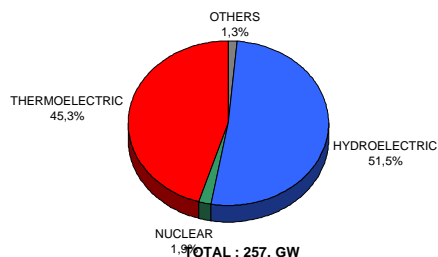
WORLD HYDROPOWER POTENTIAL



TOTAL : 3887.2 GW

SOURCE: International Water Power & Dam Const.[Sep.90]

WORLD INSTALLED CAPACITY



TOTAL : 257. GW

SOURCE : Calculated by OLADE on the basis of US-DOE Informator

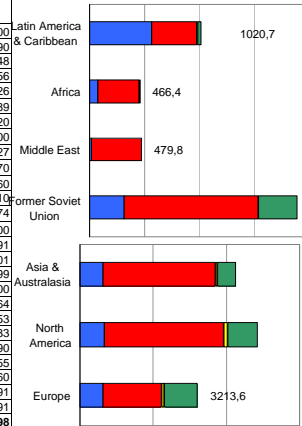
ELECTRICITY / ELECTRICIDAD 2003

GENERATION BY TYPE OF PLANT [GWh]

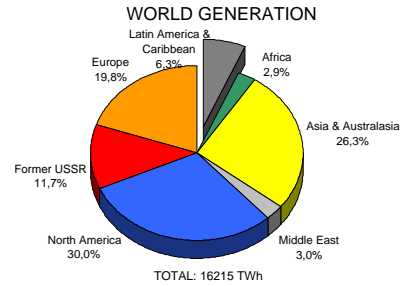
COUNTRY	HYDRO	THERMO	NUCLEAR	OTHERS(*)	TOTAL
ARGENTINA	33.777,00	50.635,00	7.566,00	75,00	92.053,00
BARBADOS	0,00	870,90	0,00	0,00	870,90
BOLIVIA	2.306,72	1.962,76	0,00	0,00	4.269,48
BRAZIL	290.006,42	60.758,74	14.080,40	0,00	364.845,56
COLOMBIA	35.952,42	11.729,84	0,00	0,00	47.682,26
COSTA RICA	6.021,86	157,15	0,00	1.385,88	7.564,89
CUBA	78,00	15.831,20	0,00	0,00	15.909,20
CHILE	24.176,51	20.878,49	0,00	0,00	45.055,00
ECUADOR	7.152,52	4.348,75	0,00	0,00	11.501,27
EL SALVADOR	1.704,62	1.930,23	0,00	1.128,86	4.763,70
GRENADA	0,00	153,60	0,00	0,00	153,60
GUATEMALA	2.176,59	4.189,49	0,00	195,02	6.561,10
GUYANA	0,00	819,74	0,00	0,00	819,74
HAITI	197,00	315,00	0,00	0,00	512,00
HONDURAS	1.745,00	2.784,91	0,00	0,00	4.529,91
JAMAICA	353,49	6.792,52	0,00	0,00	7.146,01
MEXICO	19.753,00	167.534,99	10.502,00	5.945,00	203.734,99
NICARAGUA	297,39	2.021,91	0,00	270,70	2.590,00
PANAMA	2.871,01	2.799,63	0,00	0,00	5.670,64
PARAGUAY	51.761,11	0,42	0,00	0,00	51.761,53
PERU	18.537,50	4.388,83	0,00	0,00	22.926,33
DOMINICAN REP.	1.562,18	11.926,72	0,00	0,00	13.488,90
SURINAME	959,71	535,84	0,00	0,00	1.495,55
TRINIDAD & TOB.	0,00	6.436,60	0,00	0,00	6.436,60
URUGUAY	8.529,07	48,84	0,00	0,00	8.577,91
VENEZUELA	60.177,33	29.639,58	0,00	0,00	89.816,91
REGIONAL TOTAL	570.096,47	409.491,65	32.148,40	9.000,46	1.020.736,98

* OTHERS: GEOTHERMAL+SOLAR + WIND

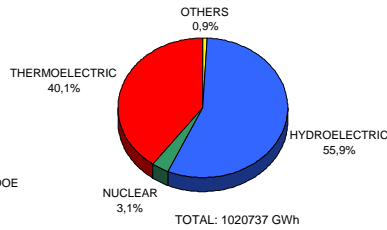
WORLD GENERATION BY TYPE OF PLANT [TWh]



TOTAL: 16215 TWh
SOURCE: Calculated by OLADE on the basis US-DOE revised information



LATIN AMERICA & CARIBBEAN



PRECIOS INTERNOS CON IMPUESTOS AL CONSUMIDOR FINAL (DICIEMBRE/2003) / DOMESTIC CONSUMER PRICES WITH TAXES (DECEMBRE/2003)

PAIS COUNTRY	MONEDA NACIONAL (M.N.) NATIONAL CURRENCY (N.C.)	PARIDAD M.N./US\$ EXCHANGE RATE N.C./US\$	COMBUSTIBLES (US\$/Galón) - DOMESTIC FUELS (US\$/Gallon)						GAS L.P. L.P.G. US\$/kg	ELECTRICIDAD - ELECTRICITY US cent/kWh		
			GASOLINA REGULAR GASOLINE	GASOLINA EXTRA PREMIUM GASOLINE	DIESEL OIL	KEROSENE DOMESTICO HOUSEHOLD KEROSENE	JET FUEL	FUEL OIL		RESIDENCIAL	COMERCIAL	INDUSTRIAL
										RESIDENCIAL	COMERCIAL	INDUSTRIAL
ARGENTINA	Pesos	2,91	2,15	2,38	0,24	1,54	1,29	0,80	0,34	4,14	4,44	2,08
BARBADOS	Barbadian Dollar	2,00	n/a	2,63	1,31	1,19	0,40	0,40	1,26	18,80	19,95	19,65
BOLIVIA	Boliviano	7,83	1,61	1,83	1,51	1,04	1,21	1,06	0,28	5,49	8,43	3,98
BRASIL	Real	2,89	2,62	2,53	1,82	1,28	1,15	0,74	0,77	8,27	7,27	3,84
COLOMBIA	Peso Colombiano	2.780,82	1,56	2,14	1,08	1,09	1,06	0,66	0,32	7,70	9,24	7,17
COSTA RICA	Colón	418,53	2,30	2,41	1,69	1,70	1,60	0,69	0,84	6,19	8,58	5,96
CUBA	Peso Cubano	1,00	1,51	1,89	1,08	0,32	1,14	0,73	0,24	14,26	10,45	8,35
CHILE	Peso Chileno	599,42	1,87	1,89	1,62	1,50	0,61	0,77	0,80	8,56	8,21	5,56
ECUADOR	Dólar	1,00	1,31	1,68	0,90	n/a	1,16	0,69	0,11	13,03	11,11	9,65
EL SALVADOR	Colón Salvador.	8,75	1,90	2,03	1,56	1,39	0,89	1,42	0,39	12,85	11,89	12,10
GRENADA	Grenadian Dollar	2,70	n/a	2,03	1,54	1,14	n/d	n/d	0,98	22,10	23,40	18,80
GUATEMALA	Quetzal	8,04	1,87	1,93	1,37	1,55	1,20	1,14	0,51	7,93	6,21	7,48
GUYANA	Guyanese Dollar	194,25	n/a	2,07	1,60	1,24	0,00	0,99	0,00	0,00	0,00	0,00
HAITI	Gourde	42,08	1,81	1,96	1,23	1,11	1,11	0,31	0,35	5,99	8,84	8,45
HONDURAS	Lempira	17,75	2,45	2,52	1,80	1,56	0,83	0,94	0,77	4,41	2,88	3,44
JAMAICA	Jamaican Dollar	60,52	1,63	1,76	1,50	1,42	1,13	0,78	0,60	17,44	15,03	11,55
MEXICO	Nuevo Peso	11,24	n/a	2,28	1,69	n/a	1,05	0,67	1,08	8,09	13,95	6,95
NICARAGUA	Córdoba de Oro	15,55	2,14	2,22	1,88	1,80	0,67	0,43	0,55	13,47	16,24	12,61
PANAMA	Balboa	1,00	1,83	1,87	1,44	0,99	1,00	0,75	0,63	12,10	11,80	9,90
PARAGUAY	Guaraní	6.114,96	1,91	2,41	1,52	0,49	0,48	0,42	0,46	5,60	5,97	3,76
PERU	Nuevo Sol	3,46	2,48	3,22	2,10	2,10	n/d	0,86	0,92	11,37	7,59	7,20
REP. DOMINICANA	Peso Dominicano	37,25	1,61	1,82	1,21	1,22	1,11	1,20	0,32	9,53	10,60	10,82
SURINAME	Florin	401,00	n/a	2,11	1,55	1,36	1,36	0,25	0,72	17,10	17,30	13,10
TRINIDAD Y TOBAGO	Trinidad Dollar	6,30	1,24	1,30	0,77	0,61	1,26	0,51	0,37	3,51	3,73	4,62
URUGUAY	Peso Uruguayo	29,30	2,92	3,24	1,91	2,03	1,65	0,64	0,82	10,55	7,03	3,89
VENEZUELA	Bolívar	1.598,00	0,15	0,20	0,12	0,28	0,29	0,12	0,14	5,50	7,90	2,80

1 barrel=42 US gallons=158.98 liters / 1 barril=42 galones US=158.987 litros.

NOTAS: n/a no aplicable
n/d no disponible
* datos preliminares

NOTES: n/a not applicable
n/d not available
* preliminary data