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Sistema de Información Económica Energética
Energy Economic Information System

Energía en Cifras
Energy Statistics

20
10

olade

Organización Latinoamericana de Energía
Latin American Energy Organization
Organisation Latino-Américaine D'Énergie
Organização Latino-Americana de Energia

PRESENTACION

La Organización Latinoamericana de Energía presenta las cifras más relevantes del sector energético de los 26 Países Miembros de América Latina y el Caribe.

Además pone a disposición de la comunidad más de 39 años de series históricas de información estadística energética de la región, accesible por medio de su Sistema de Información Económica Energética (SIEE), publicado en nuestra página de Internet www.olade.org.

PRESENTATION

The Latin American Energy Organization presents significant data on the Energy Sector of the 26 Member Countries of Latin America and the Caribbean.

In addition, it makes available to the community more than 39 year of an historical series of energy statistical information of the region, accessible from its Energy Economic Information System as published in our Internet website, www.olade.org.

TABLA DE CONVERSIONES PARA UNIDADES ENERGÉTICAS

CONVERSION TABLE FOR ENERGY UNITS

	bep boe	tep toe	tec tce	Tcal	TJ	10 ³ BTU	MWh	kg GLP kg LPG	m ³ Gas Nat. m ³ Nat. Gas	pc Gas Nat. cf Nat. Gas
bep / boe	1	0,13878	0,1982593	0,00139	0,00581	5524,86	1,61394	131,0616	167,2073	5917,1598
tep / toe	7,205649	1	1,4285868	0,01	0,04184	39810,22	11,62952	944,3839	1204,8371	42636,9763
tec / tce	5,04390	0,6999925	1	0,007	0,029288	27866,85	8,14057	661,0616	843,3769	29845,5621
Tcal	720,56490	100	142,85868	1	4,184	3981022	1162,9520	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	3423,2	1	81,20577	103,6016	3666,2722
kg GLP / kg LPG	0,00763	0,00106	0,001513	1,06E-05	4,43E-05	42,154696	0,0123144	1	1,2758	45,1479
m ³ Gas Nat. m ³ Nat. Gas	0,00598	0,00083	0,001186	8,30E-06	3,47E-05	33,041989	0,0096524	0,783827	1	35,3882
pc Gas Nat. cf Nat. Gas	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 GLP = 0.15898 m³ = 5.6143 pc

* 1m³ GLP = 552.4 kg

* 1 pc = 0.028317 m³

* 1bbl LPG = 0.6701 boe

* 1bbl LPG = 0.15898 m³ = 5.6143 cf

* 1m³ LPG = 552.4 kg

* 1 cf = 0.028317 m³

ABREVIATURAS / ABBREVIATIONS

bbl	barril / barrel
kbb/d	miles barriles por día / thousand barrels per day
Mbbl/d	millones barriles por día / million barrels per day
bep / boe	barril equivalente de petróleo / barrel of oil equivalent
BTU	British Thermal Unit
GW	Gigavatio / Gigawatt
GWh	Gigavatio-hora / Gigawatt-hour
hab/ inhab	Habitantes / inhabitants
kg	kilogramo / kilogram
kWh	kilovatio-hora / kilowatt-hour
GLP	Gas Licuado de Petróleo
LPG	Liquified Petroleum Gas
m ³	metro cúbico / cubic meter
Mm ³	Millón de metros cúbicos / Million cubic meters
Gm ³	Giga metro cúbico / Giga cubic meter
MW	Megavatio / Mega watt
TWh	Teravatio-hora / Terawatt-hour
n/d - n/a	no disponible / not available
pc / cf	pie cúbico / cubic foot
Tcal	Teracalorías / Teracalories
tec / tce	tonelada equivalente de carbón / tonne of coal equivalent
tep / toe	tonelada equivalente de petróleo / tonne oil equivalent
TJ	Terajoule
t	tonelada métrica / metric tonne
Gt	Giga tonelada / Giga tonne
PIB / GDP	Producto Interno Bruto / Gross Domestic Product
USD	Dólares de Estados Unidos / United State Dollar
CO ₂ / CO ₂	Dióxido de Carbono / Carbon Dioxide
CO / CO	Monóxido de Carbono / Carbon Monoxide
NOx / NOx	Óxidos de Nitrógeno / Nitrogen Oxides
SOx / SOx	Óxidos de Azufre / Sulphur Oxides
HC / HC	Hidrocarburos / Hydrocarbons
Gg / Gg	Gigagramos / Gigagram
AL&C / LA&C	América Latina y el Caribe / Latin America and the Caribbean
MDL/ CDM	Mecanismo de Desarrollo Limpio / Clean Development Mechanism

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 (BP)
Comisión Económica para América Latina y el Caribe (CEPAL)
Panel Intergubernamental de Cambio Climático (IPCC)

SOURCES

Figures from the Latin America and the Caribbean:

OLADE, Energy-Economic Information System (SIEE) based on information provided by the Member Countries.

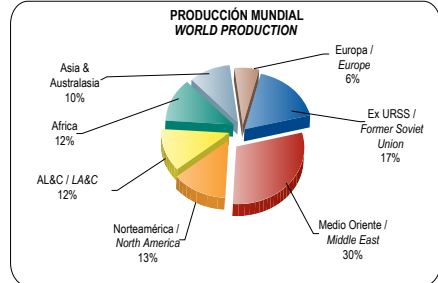
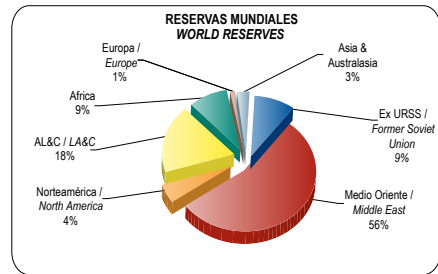
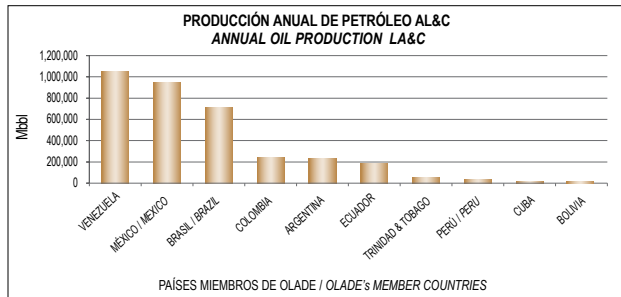
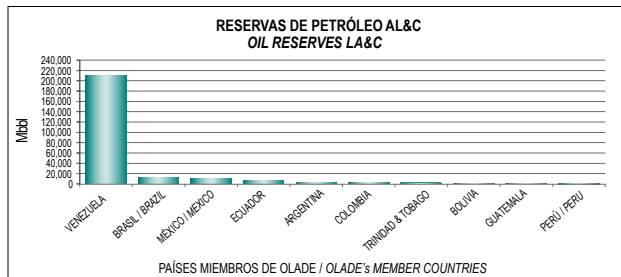
Figures from other world regions:

British Petroleum (BP) Economic Commission for Latin America and the Caribbean (ECLAC)
Intergovernmental Panel on Climate Change (IPCC)

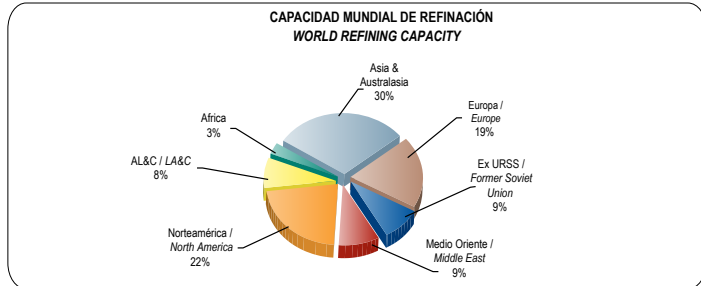
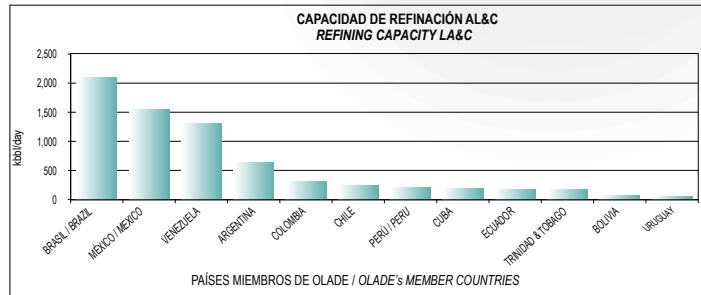
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PAIS / COUNTRY	RESERVAS PROBADAS	PRODUCCIÓN	R / P
	PROVEN RESERVES 10(6) bbl	PRODUCTION 10(6) bbl	Years
ARGENTINA	2,519.99	230.25	10.94
BARBADOS	2.20	0.28	7.94
BOLIVIA	476.12	14.98	31.78
BRASIL / BRAZIL	12,857.53	713.96	18.01
CHILE	26.14	0.94	27.95
COLOMBIA	1,988.00	244.77	8.12
COSTA RICA	0.00	0.00	-
CUBA	120.14	20.14	5.97
ECUADOR	6,332.98	185.02	34.23
EL SALVADOR	0.00	0.00	-
GRENADA	0.00	0.00	-
GUATEMALA	465.20	4.93	94.30
GUYANA	0.00	0.00	-
HAITI / HAITI	0.00	0.00	-
HONDURAS	0.00	0.00	-
JAMAICA	0.00	0.00	-
MÉXICO / MEXICO	10,419.60	949.54	10.97
NICARAGUA	0.00	0.00	-
PANAMÁ / PANAMA	0.00	0.00	-
PARAGUAY	0.00	0.00	-
PERÚ / PERU	413.00	33.91	12.18
REP. DOM. / DOM. REP.	0.00	0.00	-
SURINAME	90.89	4.85	18.75
TRINIDAD & TOBAGO	606.00	55.02	11.01
URUGUAY	0.00	0.00	-
VENEZUELA	211,173.00	1,050.47	201.03
AL&C / LA&C	247,490.79	3,509.05	70.53
Africa	127,686.29	3,542.32	36.05
Asia & Australasia	42,175.31	2,933.18	14.38
Europa / Europe	13,964.93	1,642.72	8.50
Ex URSS / Former Soviet Union	122,917.60	4,818.58	25.51
Medio Oriente / Middle East	754,212.50	8,890.33	84.84
Norteamérica / North America	61,568.16	3,799.09	16.21
TOTAL	1,370,015.58	29,135.28	47.02

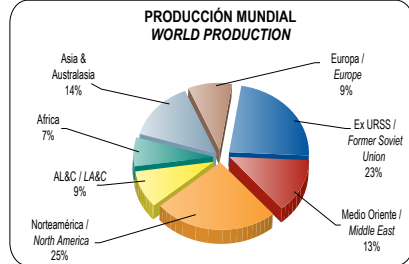
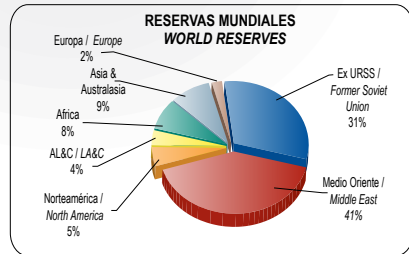
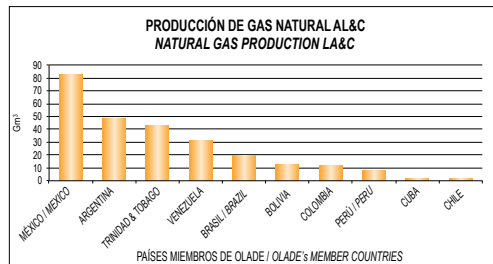
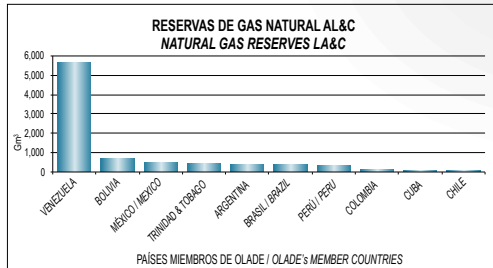


PAIS / COUNTRY	CAPACIDAD DE REFINACIÓN REFINING CAPACITY kbb/day	EXPORTACIONES EXPORTS Mbb	IMPORTACIONES IMPORTS Mbb	CONSUMO DE PRODUCTOS DE PETRÓLEO OIL PRODUCTS CONSUMPTION Mbb
ARGENTINA	631	33.67	0.00	167.24
BARBADOS	0	0.28	0.00	3.32
BOLIVIA	70	0.00	0.00	19.31
BRASIL / BRAZIL	2,093	191.84	136.87	729.06
CHILE	238	0.00	67.78	111.65
COLOMBIA	320	126.95	0.00	89.07
COSTA RICA	25	0.00	2.94	17.02
CUBA	200	0.00	41.98	37.95
ECUADOR	175	118.58	0.00	79.29
EL SALVADOR	44	0.00	5.87	17.17
GRENADA	0	0.00	0.00	0.69
GUATEMALA	15	4.23	0.00	27.04
GUYANA	0	0.00	0.00	3.86
HAÍTI / HAITI	0	0.00	0.00	5.59
HONDURAS	0	0.00	0.00	16.02
JAMAICA	36	0.00	8.69	20.60
MÉXICO / MEXICO	1,540	449.57	0.00	648.66
NICARAGUA	20	0.00	5.85	10.11
PANAMÁ / PANAMA	0	0.00	0.00	20.58
PARAGUAY	8	0.00	0.00	11.11
PERÚ / PERU	203	6.96	36.33	68.40
REP. DOM. / DOM. REP.	35	0.00	9.32	41.06
SURINAME	7	0.70	0.00	4.61
TRINIDAD & TOBAGO	175	34.76	34.63	9.62
URUGUAY	50	0.00	13.95	19.54
VENEZUELA	1,311	586.92	0.00	253.39
AL&C / LA&C	7,194	1,554.46	364.20	2,431.95
Africa	3,263			
Asia & Australasia	26,806			
Europa / Europe	16,841			
Ex URSS / Former Soviet Union	8,079			
Medio Oriente / Middle East	7,859			
Norteamérica / North America	19,664			
TOTAL	89,707			



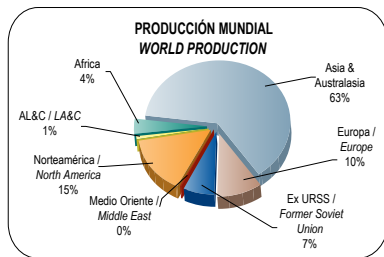
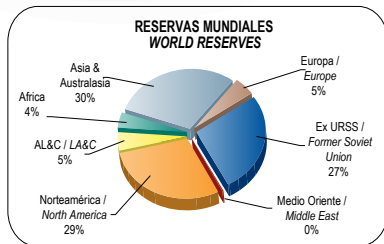
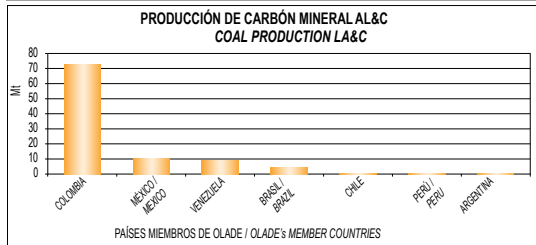
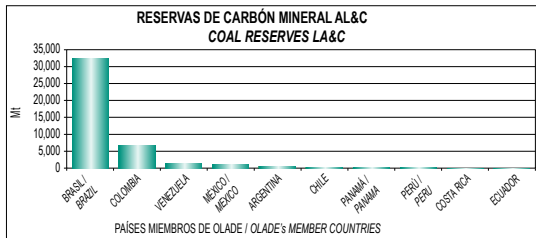
GAS NATURAL / NATURAL GAS 2009

PAIS / COUNTRY	RESERVAS PROBADAS PROVEN RESERVES Gm ³	PRODUCCIÓN PRODUCTION Gm ³	R / P Años/Years	CONSUMO CONSUMPTION Gm ³
ARGENTINA	370.00	48.42	7.64	48.73
BARBADOS	0.12	0.02	6.07	0.02
BOLIVIA	703.96	12.92	54.47	3.04
BRASIL / BRAZIL	366.46	19.74	18.56	22.99
CHILE	39.13	1.61	24.33	2.68
COLOMBIA	134.00	12.16	11.02	10.05
COSTA RICA	0.00	0.00	-	0.00
CUBA	63.48	1.16	54.94	1.16
ECUADOR	4.68	1.69	2.77	0.58
EL SALVADOR	0.00	0.00	-	0.00
GRENADA	0.00	0.00	-	0.00
GUATEMALA	0.60	0.00	-	0.00
GUYANA	0.00	0.00	-	0.00
HAITI / HAITI	0.00	0.00	-	0.00
HONDURAS	0.00	0.00	-	0.00
JAMAICA	0.00	0.00	-	0.00
MEXICO / MEXICO	475.44	82.94	5.73	82.64
NICARAGUA	0.00	0.00	-	0.00
PANAMÁ / PANAMA	0.00	0.00	-	0.00
PARAGUAY	0.00	0.00	-	0.00
PERU / PERU	329.06	7.86	41.84	5.69
REP.DOM. / DOM. REP.	0.00	0.00	-	0.93
SURINAME	0.00	0.00	-	0.00
TRINIDAD & TOBAGO	434.30	42.90	10.12	17.13
URUGUAY	0.00	0.00	-	0.08
VENEZUELA	5,670.00	31.09	182.35	29.72
AL&C / LA&C	8,591.23	262.53	32.73	225.42
Africa	14,757.98	203.85	72.40	93.97
Asia & Australasia	16,242.16	438.44	37.05	496.56
Europa / Europe	4,557.97	278.10	16.39	499.55
Ex URSS / Former Soviet Union	58,534.61	694.87	84.24	559.08
Medio Oriente / Middle East	76,182.45	407.17	187.10	345.60
Norteamérica / North America	8,682.12	754.77	11.50	741.30
TOTAL	187,548.52	3,039.72	61.70	2,961.49



CARBÓN MINERAL / COAL 2009

PAIS / COUNTRY	RESERVAS PROBADAS PROVEN RESERVES 10(6) t	PRODUCCIÓN PRODUCTION 10(6) t	R / P Años/ Years	CONSUMO CONSUMPTION 10(6) t
ARGENTINA	422.06	0.069	6,118.36	1.65
BARBADOS	0.00	0.00	-	0.00
BOLIVIA	0.00	0.00	-	0.00
BRASIL / BRAZIL	32,312.00	4.32	7,472.89	23.69
CHILE	148.19	0.642	230.71	5.83
COLOMBIA	6,741.74	72.81	92.60	5.53
COSTA RICA	32.80	0.00	-	0.00
CUBA	0.00	0.00	-	0.02
ECUADOR	22.00	0.00	-	0.00
EL SALVADOR	0.00	0.00	-	0.00
GRENADA	0.00	0.00	-	0.00
GUATEMALA	0.00	0.00	-	0.29
GUYANA	0.00	0.00	-	0.00
HAITI / HAITI	0.00	0.00	-	0.00
HONDURAS	0.00	0.00	-	0.10
JAMAICA	0.00	0.00	-	0.05
MÉXICO / MEXICO	1,211.00	10.55	114.81	16.37
NICARAGUA	0.00	0.00	-	0.00
PANAMA / PANAMA	119.00	0.00	-	0.00
PARAGUAY	0.00	0.00	-	0.00
PERÚ / PERU	49.66	0.157	315.38	1.42
REP. DOM. / DOM. REP.	0.00	0.00	-	0.75
SURINAME	0.00	0.00	-	0.00
TRINIDAD & TOBAGO	0.00	0.00	-	0.00
URUGUAY	0.00	0.00	-	0.00
VENEZUELA	1,368.11	8.79	155.61	0.07
AL&C / LA&C	42,426.56	97.34	435.86	55.78
Africa	32,013.00	253.45	126.31	161.02
Asia & Australasia	259,253.00	4,402.77	58.88	3,227.38
Europa / Europe	46,251.00	675.43	68.48	454.65
Ex URSS / Former Soviet Union	225,995.00	477.24	473.54	229.93
Medio Oriente / Middle East	1,386.00	1.56	888.46	13.85
Norteamérica / North America	244,886.00	1,036.12	236.35	786.68
TOTAL	852,210.56	6,943.92	122.73	4,929.29

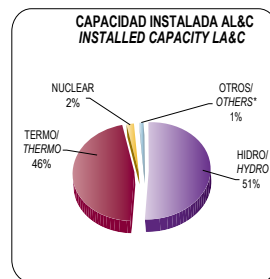
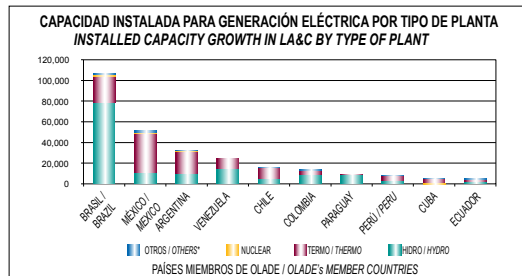
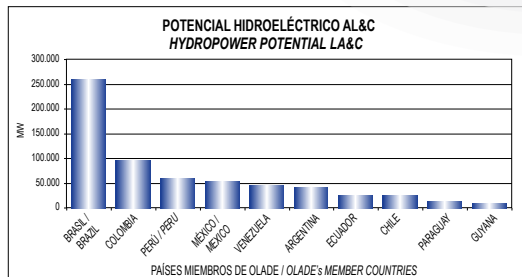


ELECTRICIDAD / ELECTRICITY 2009

PAIS / COUNTRY	POTENCIAL HIDROELÉCTRICO HYDROPOWER POTENTIAL MW	CAPACIDAD INSTALADA POR TIPO DE PLANTA (MW) INSTALLED CAPACITY BY TYPE OF PLANT [MW]				
		HIDRO/HYDRO	TERMO/ THERMO	NUCLEAR	OTROS/ OTHERS*	TOTAL
ARGENTINA	40,400	10,122.31	20,975.94	1,018.00	27.85	32,144.10
BARBADOS	0	0.00	214.71	0.00	0.00	214.71
BOLIVIA	1,379	488.10	1,040.80	0.00	0.00	1,528.90
BRASIL / BRAZIL	260,093	78,611.00	25,353.00	2,007.00	602.00	106,573.00
CHILE	25,156	5,400.91	9,942.96	0.00	705.53	16,049.40
COLOMBIA	96,000	9,026.39	4,459.00	0.00	83.00	13,568.39
COSTA RICA	6,633	1,532.13	618.44	0.00	264.53	2,415.10
CUBA	650	58.00	5,456.90	0.00	7.70	5,522.60
ECUADOR	30,865	2,058.97	2,777.32	0.00	2.42	4,838.71
EL SALVADOR	2,165	472.00	248.60	0.00	750.56	1,471.16
GRENADA	0	0.00	33.18	0.00	0.00	33.18
GUATEMALA	5,000	777.50	1,555.00	0.00	49.00	2,381.50
GUYANA	7,600	0.50	307.50	0.00	0.00	308.00
HAÍTI / HAITI	137	62.00	178.00	0.00	0.00	240.00
HONDURAS	5,000	521.80	1,084.00	0.00	0.00	1,605.80
JAMAICA	24	21.50	798.50	0.00	20.70	840.70
MÉXICO / MEXICO	53,000	11,370.08	37,534.82	1,364.88	1,049.75	51,319.53
NICARAGUA	1,767	105.30	748.95	0.00	127.50	981.75
PANAMÁ / PANAMA	3,282	878.91	935.82	0.00	0.00	1,814.73
PARAGUAY	12,516	8,810.00	6.10	0.00	0.00	8,816.10
PERÚ / PERU	58,937	3,273.12	4,708.33	0.00	0.70	7,982.15
REP.DOM. / DOM. REP.	2,095	523.13	2,469.42	0.00	0.00	2,992.55
SURINAME	2,420	189.00	200.00	0.00	0.00	389.00
TRINIDAD & TOBAGO	0	0.00	1,424.70	0.00	0.00	1,424.70
URUGUAY	1,815	1,538.00	873.00	0.00	10.45	2,421.45
VENEZUELA	46,000	14,622.00	10,224.19	0.00	0.00	24,846.19
AL&C / LA&C	662,934	150,462.65	134,169.18	4,389.88	3,701.69	292,723.40

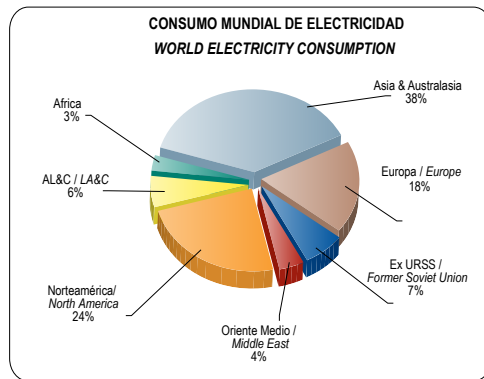
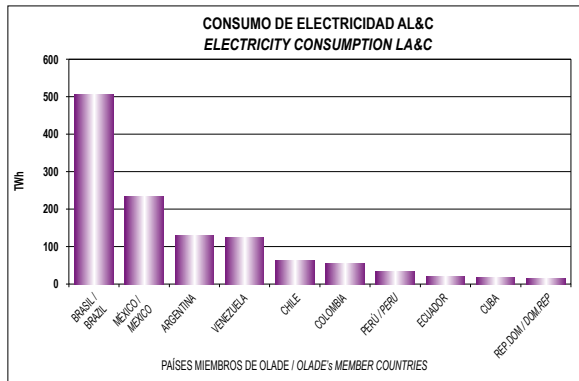
(*) GEOTERMICA+SOLAR+EOLICA

(*) GEOTHERMAL + SOLAR + WIND ENERGY



ELECTRICIDAD / ELECTRICITY 2009

PAIS / COUNTRY	CONSUMO CONSUMPTION TWh
ARGENTINA	128.38
BARBADOS	1.03
BOLIVIA	6.44
BRASIL / BRAZIL	505.82
CHILE	61.74
COLOMBIA	54.93
COSTA RICA	9.31
CUBA	17.71
ECUADOR	19.45
EL SALVADOR	5.92
GRENADA	0.20
GUATEMALA	8.98
GUYANA	0.72
HAITI / HAITI	0.54
HONDURAS	6.55
JAMAICA	5.48
MÉXICO / MEXICO	234.20
NICARAGUA	3.45
PANAMA / PANAMA	6.92
PARAGUAY	9.83
PERÚ / PERU	32.78
REP. DOM. / DOM. REP.	15.09
SURINAME	1.62
TRINIDAD & TOBAGO	7.71
URUGUAY	8.71
VENEZUELA	123.08
AL&C / LA&C	1,276.60
Africa	631.02
Asia & Australasia	7,512.14
Europa / Europe	3,636.41
Ex URSS/ Former Soviet Union	1,433.64
Medio Oriente / Middle East	756.35
Norteamérica / North America	4,783.72
TOTAL	20,029.87



AMÉRICA LATINA Y EL CARIBE: CONSUMO DE ENERGÍA / LATIN AMERICAN & CARIBBEAN ENERGY CONSUMPTION 2009

PAIS / COUNTRY	POBLACIÓN	PIB	CONSUMO FINAL DE ENERGÍA	PIB PER CÁPITA	CONSUMO FINAL PER CÁPITA	INTENSIDAD ENERGÉTICA
	POPULATION 10 ³ hab 10 ³ inhab (A)	GDP 10 ⁶ 2000 US\$ (B)	FINAL ENERGY CONSUMPTION 10 ³ bep / boe (C)	PER CAPITA GDP (3) US\$ 2000 /hab 2000 US\$/inhab (B/A)	PER CÁPITA FINAL CONSUMPTION bep/ hab boe/inhab (C/A)	ENERGY INTENSITY (2) (3) bep / 10 ³ US\$ 2000 boe / 10 ³ US\$ 2000 (C/B)
ARGENTINA	40,341	398,340.00	375,275.48	9,874.32	9.30	0.94
BARBADOS	256	1,895.90	2,202.61	7,405.86	8.60	1.16
BOLIVIA	9,863	11,771.56	34,948.97	1,193.51	3.54	2.97
BRASIL / BRAZIL	193,785	856,267.72	1,414,333.56	4,418.65	7.30	1.65
CHILE	16,970	102,890.03	169,120.25	6,063.05	9.97	1.64
COLOMBIA	45,660	134,875.82	178,420.27	2,953.92	3.91	1.32
COSTA RICA	4,577	23,156.51	26,476.51	5,059.32	5.78	1.14
CUBA	11,202	49,453.24	64,057.55	4,414.68	5.72	1.30
ECUADOR	13,627	23,431.94	75,731.72	1,719.52	5.56	3.23
EL SALVADOR	6,162	16,006.94	22,009.96	2,597.69	3.57	1.38
GRENADA	104	463.40	537.27	4,455.77	5.17	1.16
GUATEMALA	14,017	23,020.72	57,559.15	1,642.34	4.11	2.50
GUYANA	762	694.19	6,032.86	911.01	7.92	8.69
HAÍTI / HAITI	9,927	3,897.95	17,715.73	392.66	1.78	4.54
HONDURAS	7,473	10,318.52	24,775.91	1,380.77	3.32	2.40
JAMAICA	2,719	9,754.42	19,656.44	3,587.50	7.23	2.02
MÉXICO / MEXICO	109,586	714,919.55	821,513.22	6,523.82	7.50	1.15
NICARAGUA	5,749	5,012.30	15,018.51	871.86	2.61	3.00
PANAMÁ / PANAMA	3,454	19,439.84	22,569.67	5,628.21	6.53	1.16
PARAGUAY	6,349	9,153.95	29,302.17	1,441.79	4.62	3.20
PERÚ / PERU	29,163	85,037.19	98,332.70	2,915.93	3.37	1.16
REP.DOM. / DOM. REP.	9,770	36,434.76	38,738.76	3,729.25	3.97	1.06
SURINAME	520	1,130.68	4,539.18	2,174.38	8.73	4.01
TRINIDAD & TOBAGO	1,339	14,692.03	90,148.86	10,972.39	12.77	6.14
URUGUAY	3,361	27,669.04	27,537.77	8,232.38	8.19	1.00
VENEZUELA	28,584	162,784.81	359,378.73	5,694.96	12.57	2.21
TOTAL	575,320	2,742,513.01	3,995,933.81			
REGIONAL AVERAGE				4,766.93	6.95	1.46

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

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

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

(3) Dólares a precios constantes de 2000 \ Dollars at constant 2000 prices.

PRECIOS PROMEDIO 2009 / AVERAGE PRICE 2009 *

PAIS / COUNTRY	MONEDA NACIONAL (M.N.) NATIONAL CURRENCY (N.C.)	PARIDAD M.N./USD EXCHANGE RATE N.C./USD	COMBUSTIBLES (USD/Galón) - DOMESTIC FUELS (USD/Gallon)				GAS L.P. L.P.G. USD/kg	ELECTRICIDAD - ELECTRICITY		
			GASOLINA TRANSPORTE GASOLINE TRANSPORT	DIESEL TRANSPORTE OIL TRANSPORT	KEROSENE DOMESTICO HOUSEHOLD KEROSENE	FUEL OIL INDUSTRIA FUEL OIL INDUSTRY		UScent/kWh		
								RESIDENCIAL RESIDENTIAL	COMERCIAL COMMERCIAL	INDUSTRIAL INDUSTRIAL
ARGENTINA	Pesos	3.77	3.57	2.70	2.71	1.32	0.43	2.92	8.16	4.80
BARBADOS	Barbadian Dollar	2.00	2.57	2.02	1.19	0.67	1.24	17.60	18.40	18.30
BOLIVIA	Boliviano	7.07	2.00	1.99	1.46	n/d	0.32	7.65	10.59	5.33
BRASIL / BRAZIL	Real	1.99	4.77	3.87	n/d	1.39	1.37	20.10	18.09	15.58
CHILE	Peso Chileno	559.67	3.64	2.86	3.13	1.39	1.33	21.29	22.50	15.71
COLOMBIA	Peso Colombiano	2,180.19	3.64	2.70	2.03	1.40	0.48	13.61	12.87	13.16
COSTA RICA	Colón	579.91	3.37	2.93	2.59	1.54	0.99	11.34	14.46	11.45
CUBA	Peso Cubano	1.08	1.70	1.21	0.32	0.67	0.24	22.59	11.49	10.31
ECUADOR	Dólar	1.00	1.28	0.92	0.92	0.69	0.11	8.99	7.77	6.43
EL SALVADOR	Dólar	1.00	3.24	2.60	n/d	n/d	n/d	20.38	16.10	16.10
GRENADA	Grenadian Dollar	2.69	3.48	3.46	3.15	n/d	1.49	31.00	32.82	26.37
GUATEMALA	Quetzal	8.28	2.93	2.47	2.72	1.70	0.95	16.59	16.59	17.69
GUYANA	Guyanese Dollar	204.09	2.58	2.38	1.91	1.71	1.29	25.00	34.00	29.00
HAITI / HAITI	Gourde	40.13	4.93	3.26	3.10	n/d	n/d	30.00	38.80	38.69
HONDURAS	Lempira	18.90	3.55	3.03	2.36	2.92	0.89	10.89	17.85	15.57
JAMAICA	Jamaican Dollar	88.34	1.86	1.55	1.46	0.76	0.63	25.56	23.63	19.07
MÉXICO / MEXICO	Nuevo Peso	13.57	2.51	2.13	n/d	1.07	0.76	7.89	15.25	8.55
NICARAGUA	Córdoba de Oro	20.34	3.35	2.85	3.25	1.72	0.83	14.94	25.21	19.48
PANAMÁ / PANAMA	Balboa	1.00	2.64	2.23	n/d	0.00	0.95	16.44	17.98	15.86
PARAGUAY	Guaraní	4,969.17	3.58	3.26	n/d	0.00	1.16	7.00	7.00	5.10
PERÚ / PERU	Nuevo Sol	2.88	3.82	3.23	n/d	0.00	1.12	11.93	9.70	6.09
REP.DOM. / DOM. REP.	Peso Dominicano	36.00	3.82	2.80	n/d	1.95	0.82	17.75	15.50	25.92
SURINAME	Suriname Dólar	2.78	2.11	1.55	n/d	0.25	0.72	17.10	17.30	13.10
TRINIDAD & TOBAGO	Trinidad Dollar	6.36	1.93	0.89	n/d	n/d	0.36	4.40	5.97	2.30
URUGUAY	Peso Uruguayo	22.55	4.88	n/d	3.31	1.83	0.95	22.10	17.20	11.80
VENEZUELA	Bolívar	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d

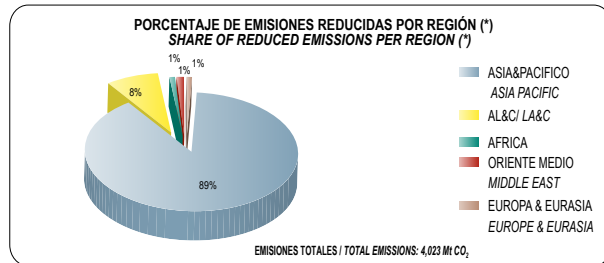
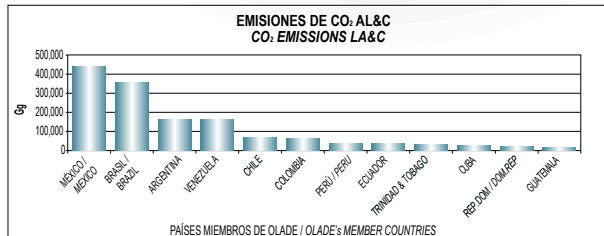
1 barril=42 galones US=158.987 litros / 1 barrel=42 US gallons=158.98 liters

NOTAS: n/d no disponible NOTES: n/d not available
* datos preliminares * preliminary data

EMISIONES / EMISSIONS 2009

PAIS / COUNTRY	DIÓXIDO DE CARBÓN (CO ₂) CARBON DIOXIDE (CO ₂) Gg	MONÓXIDO DE CARBÓN (CO) CARBON MONOXIDE (CO) Gg	HIROCARBUROS HYDROCARBONS (HC) Gg	ÓXIDOS DE NITRÓGENO (NO _x) NITROGEN OXIDE (NO _x) Gg	ANHÍDRIDO SULFUROSO (SO ₂) SULFUR ANHYDRIDE (SO ₂) Gg	PARTÍCULAS PARTICLES Gg
ARGENTINA	162,244.27	2,212.10	634.04	1,137.41	371.34	18.00
BARBADOS	1,405.50	34.74	0.26	8.14	9.25	0.46
BOLIVIA	13,260.67	246.65	7.33	119.88	63.46	1.32
BRASIL / BRAZIL	356,343.59	9,218.65	495.12	2,881.61	753.40	72.30
CHILE	67,713.74	1,088.97	16.48	479.10	216.11	6.85
COLOMBIA	65,324.56	1,222.73	49.19	456.40	158.64	10.97
COSTA RICA	7,563.86	249.53	21.68	55.41	12.90	0.56
CUBA	27,007.57	192.23	9.06	118.01	240.68	5.47
ECUADOR	34,931.27	866.27	10.84	285.72	95.78	6.71
EL SALVADOR	7,291.96	169.41	28.54	38.56	30.06	0.36
GRENADA	258.95	10.17	0.12	1.35	0.38	0.02
GUATEMALA	15,266.93	361.01	9.72	93.81	65.27	5.31
GUYANA	1,590.66	45.23	0.64	16.52	5.49	0.36
HAITI / HAITI	2,251.04	80.33	0.44	14.62	2.81	0.31
HONDURAS	7,497.71	181.13	2.05	50.30	36.94	1.56
JAMAICA	8,821.35	185.11	1.97	52.26	50.37	1.32
MÉXICO / MEXICO	439,770.38	12,038.84	243.42	3,621.95	1,407.87	67.61
NICARAGUA	4,574.60	88.39	1.70	29.97	26.44	1.53
PANAMÁ / PANAMA	8,653.34	211.36	1.99	53.47	28.67	1.37
PARAGUAY	4,552.96	119.44	1.43	48.37	1.43	0.10
PERÚ / PERU	36,318.43	533.03	16.00	289.61	119.39	3.43
REP. DOM. / DOM. REP.	19,139.26	327.36	4.67	131.94	79.00	7.43
SURINAME	2,503.33	37.68	1.90	27.79	13.95	1.51
TRINIDAD & TOBAGO	33,927.32	195.53	4.32	206.02	199.09	4.12
URUGUAY	8,952.88	146.01	6.85	78.65	27.99	0.71
VENEZUELA	161,761.78	4,700.72	72.46	906.23	527.47	30.55
AL&C / LA&C	1,498,927.93	34,762.60	1,642.23	11,203.08	4,544.20	250.23

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



* Proyectos registrados ante la Junta Ejecutiva del MDL hasta agosto 2010 / Registered Projects in the CDM Executive Board until August 2010

FUENTES / SOURCES: UNFCCC, UNEP RISOE (CD4CDM)

Argentina
Barbados
Bolivia
Brasil
Chile
Colombia
Costa Rica
Cuba
Ecuador

El Salvador
Grenada
Guatemala
Guyana
Haití
Honduras
Jamaica
México
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