



INSTITUTO NICARAGÜENSE DE ENERGÍA
ENTE REGULADOR

GENERACIÓN BRUTA DE ENERGÍA ELÉCTRICA
SISTEMA ELÉCTRICO NACIONAL
AÑO 2013
MWh

Tipo de Sistema por Fuente de Energía	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Total general
Sistema Interconectado Nacional (S.I.N.)	364,237.35	337,418.74	374,354.73	381,060.68	376,978.79	324,144.09	328,733.93	325,609.46	290,422.44	319,462.82	327,084.84	355,892.47	4,105,400.34
Pública	24,644.61	26,867.54	29,999.86	19,676.29	28,350.07	30,902.23	40,555.33	46,504.04	57,123.41	44,488.11	53,764.34	48,092.57	450,968.39
Hidroeléctrica	24,105.49	25,469.68	28,728.73	16,752.55	25,545.64	29,473.29	39,166.94	44,800.42	55,571.03	41,373.12	50,082.03	46,171.86	427,240.78
Centroamérica	15,822.69	17,170.48	19,254.23	11,345.55	16,423.04	15,726.49	22,946.64	26,815.12	28,038.23	23,556.42	27,601.33	27,423.96	252,124.18
Carlos Fonseca	8,282.80	8,299.20	9,474.50	5,407.00	9,122.60	13,746.80	16,220.30	17,985.30	27,532.80	17,816.70	22,480.70	18,747.90	175,116.60
Solar	91.91	83.02	91.91	88.95	21.92	57.92	62.97	42.91	19.28	28.28	49.41	37.94	676.42
La Trinidad	91.91	83.02	91.91	88.95	21.92	57.92	62.97	42.91	19.28	28.28	49.41	37.94	676.42
Térmica	447.20	1,314.84	1,179.22	2,834.79	2,782.51	1,371.02	1,325.42	1,660.71	1,533.10	3,086.71	3,632.90	1,882.77	23,051.19
Planta Managua	447.20	1,314.84	1,136.18	2,807.94	2,741.79	1,364.75	1,325.42	1,620.52	1,532.38	3,057.71	3,632.90	1,882.77	22,864.41
Las Brisas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.70	0.72	29.00	0.00	0.00	62.42
Generadora San Rafael, S.A.(GESARSA)	0.00	0.00	43.04	26.85	40.72	6.26	0.00	7.49	0.00	0.00	0.00	0.00	124.37
Privada	339,592.74	310,551.19	344,354.86	361,384.39	348,628.72	293,241.87	288,178.60	279,105.43	233,299.03	274,974.71	273,320.50	307,799.89	3,654,431.95
Biomasa	72,830.91	65,857.93	71,202.86	65,727.31	47,842.06	29,542.77	19,366.27	7,568.59	0.00	6.51	28,422.18	73,740.37	482,107.76
Planta San Antonio (NSEL)	38,483.57	34,707.73	37,180.67	33,597.29	23,295.32	11,149.09	7,361.84	0.00	0.00	6.51	12,393.83	38,764.75	236,940.59
Planta Monte Rosa	34,347.34	31,150.20	34,022.19	32,130.02	24,546.75	18,393.68	12,004.43	7,568.59	0.00	0.00	16,028.35	34,975.62	245,167.18
Eólica	88,268.94	71,416.79	75,344.21	65,143.24	42,861.78	30,434.64	41,395.93	29,234.63	6,474.14	18,270.66	30,972.77	61,753.39	561,571.10
Blue Power La Fe San Martín	23,383.97	17,720.91	19,359.61	16,838.48	11,051.89	7,433.30	10,409.53	7,223.09	1,730.08	4,323.37	7,593.42	17,024.35	144,091.99
Eolo de Nicaragua, S.A.	23,995.08	22,240.96	23,035.40	21,224.37	14,186.63	9,804.10	14,155.52	9,968.59	2,368.32	6,543.28	10,687.57	15,197.89	173,407.70
Planta Amayo I	25,246.98	19,204.60	20,136.02	16,297.26	10,611.85	7,777.19	10,028.79	7,222.53	1,410.09	4,311.46	7,542.32	18,002.11	147,791.20
Planta Amayo II	15,642.90	12,250.33	12,813.18	10,783.13	7,011.41	5,420.05	6,802.09	4,820.41	965.65	3,092.54	5,149.46	11,529.04	96,280.20
Geotérmica	54,503.08	49,978.82	65,915.88	62,272.88	59,047.40	58,813.47	55,811.85	55,766.57	54,234.99	49,273.24	51,201.37	679,362.43	
Momotombo Power Company (MPC)	18,062.17	16,316.32	18,088.08	17,018.97	17,648.59	17,127.30	15,943.87	18,811.75	20,728.04	19,519.90	16,386.26	16,731.37	212,382.62
Polaris Energy Nicaragua, S.A. (PENSA)	36,440.91	33,662.50	47,827.80	45,523.91	44,624.29	41,920.10	42,869.60	37,000.10	35,038.53	34,715.09	32,886.98	34,470.00	466,979.81
Hidroeléctrica	362.44	178.55	190.02	138.44	173.52	294.94	361.87	442.99	481.69	8,232.80	7,992.71	8,494.73	27,344.69
El Bote	362.44	178.55	190.02	138.44	173.52	294.94	361.87	442.99	481.69	496.33	549.02	507.48	4,177.28
Hidro Pantasma (HIPSA)										7,736.47	7,443.69	7,987.25	23,167.41
Térmica	123,627.37	123,119.10	131,701.90	167,832.53	195,478.48	173,922.12	168,241.06	186,047.38	170,576.64	194,229.75	156,659.61	112,610.03	1,904,045.96
Hugo Chávez Frías	0.00	19.59	46.76	16.16	131.99	78.80	140.52	290.86	342.24	931.13	413.78	176.64	2,588.46
Che Guevara I	153.54	665.64	797.66	2,006.94	3,662.80	3,728.74	2,437.67	3,019.98	3,242.48	5,251.05	3,206.65	530.55	28,703.70
Che Guevara II	2.53	566.06	281.13	2,575.17	3,461.20	3,213.00	2,207.76	3,568.60	4,065.53	5,611.92	2,649.61	1,051.45	29,253.96
Che Guevara III	148.25	305.63	553.48	2,758.30	4,159.78	3,774.84	2,447.84	4,050.22	4,227.91	5,957.30	3,380.68	724.03	32,488.26
Che Guevara IV	10.57	35.31	433.05	1,393.64	2,293.56	1,027.73	746.25	2,071.87	2,081.85	3,684.14	1,657.53	591.35	16,026.85
Che Guevara V	0.00	2.93	99.96	735.34	1,423.69	653.78	196.14	1,120.53	1,206.92	2,634.01	1,088.05	281.36	9,442.71
Che Guevara VI	4,359.00	4,067.02	3,681.35	5,520.85	7,482.27	7,303.63	6,394.75	6,398.36	5,980.71	6,691.73	5,148.08	3,429.13	66,456.88
Che Guevara VII	11,256.94	11,078.69	9,622.37	17,244.78	20,164.94	21,445.88	17,674.72	20,816.37	17,972.62	19,448.78	13,722.45	6,708.82	187,157.35
Che Guevara VIII	377.02	2,011.55	1,898.16	5,792.55	8,651.61	6,932.73	4,847.27	6,441.65	6,251.80	8,024.34	5,686.57	1,163.06	58,078.33
Che Guevara IX	1,436.87	6,103.73	4,539.28	11,213.93	14,593.01	13,997.42	11,397.35	16,526.63	15,099.88	14,916.78	13,562.62	5,898.16	129,285.66
Corporación Eléctrica Nicaragüense, S.A. (CENSA)	10,038.78	12,888.83	11,152.17	20,541.81	28,496.68	24,846.50	21,586.10	24,929.61	19,354.77	24,225.06	20,590.23	11,441.06	230,091.58
Empresa Energética Corinto (EEC)	44,285.75	29,776.67	38,797.62	43,732.85	48,876.94	41,573.67	48,667.00	47,105.16	43,151.42	46,342.32	40,231.16	42,327.93	514,868.49
Tipitapa Power Company (TPC)	22,998.10	22,926.70	21,278.00	28,351.10	32,760.00	30,064.50	30,654.90	29,512.80	28,746.40	29,725.80	26,146.30	19,369.50	322,534.10
Planta Nicaragua	28,560.03	32,670.77	38,520.90	25,949.11	19,320.00	15,280.90	18,842.80	20,194.73	18,852.11	20,785.40	19,175.90	18,916.99	277,069.64
Sistema Aislado Nacional (S.A.N.)	4,477.50	4,085.15	4,387.85	4,518.03	4,582.67	4,302.46	4,661.82	4,728.35	4,560.82	4,579.77	4,374.54	4,637.35	53,896.30



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MWh

Tipo de Sistema por Fuente de Energía	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Total general
Pública	644.76	610.15	664.12	654.47	696.07	614.27	682.22	654.95	621.17	611.39	606.01	685.96	7,745.53
Térmica	644.76	610.15	664.12	654.47	696.07	614.27	682.22	654.95	621.17	611.39	606.01	685.96	7,745.53
Corn Island	395.00	362.80	406.80	419.30	423.90	363.80	409.50	390.60	359.39	364.13	354.30	411.96	4,661.48
Karawala	16.50	24.00	24.40	10.00	19.20	18.90	24.70	21.70	16.60	23.00	21.50	30.00	250.50
Orinoco	12.00	11.84	11.84	8.32	11.47	13.11	11.83	5.65	11.88	12.42	13.70	14.66	138.71
Pueblo Nuevo	6.06	5.81	6.08	5.36	6.30	5.26	5.79	6.30	4.70	1.33	5.81	6.64	65.44
San Juan de Nicaragua	30.80	27.00	26.90	23.10	29.90	29.40	32.70	33.60	33.90	31.30	34.40	41.90	374.90
Tasbapauni	11.50	10.00	2.50	2.00	12.60								38.60
Waspán	172.90	168.70	185.60	186.40	192.70	183.80	197.70	197.10	194.70	179.20	176.30	180.80	2,215.90
Privada	3,832.74	3,474.99	3,723.73	3,863.56	3,886.60	3,688.19	3,979.60	4,073.40	3,939.65	3,968.38	3,768.53	3,951.39	46,150.77
Hidroeléctrica	137.02	116.55	126.65	93.16	103.85	79.96	76.63	116.54	150.14	148.86	164.81	164.66	1,478.82
Tichana Power (TP)	137.02	116.55	126.65	93.16	103.85	79.96	76.63	116.54	150.14	148.86	164.81	164.66	1,478.82
Térmica	3,695.71	3,358.44	3,597.09	3,770.40	3,782.75	3,608.23	3,902.98	3,956.87	3,789.52	3,819.52	3,603.72	3,786.74	44,671.95
Empresa Generadora Ometepe, S.A. (EGOMSA)	718.62	647.63	756.10	772.94	749.40	696.09	736.77	710.11	645.09	671.12	621.54	708.47	8,433.88
Puerto Cabezas Power (PCP)	2,977.09	2,710.81	2,840.99	2,997.46	3,033.36	2,912.14	3,166.20	3,246.76	3,144.42	3,148.40	2,982.18	3,078.27	36,238.07
Total general	368,714.84	341,503.88	378,742.58	385,578.71	381,561.46	328,446.55	333,395.75	330,337.81	294,983.26	324,042.59	331,459.38	360,529.81	4,159,296.63

GENERACIÓN BRUTA POR TIPO DE FUENTE
(%)

FUENTE DE GENERACIÓN	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Total general
Biomasa	19.75%	19.28%	18.80%	17.05%	12.54%	8.99%	5.81%	2.29%	0.00%	0.00%	8.57%	20.45%	11.59%
Eólica	23.94%	20.91%	19.89%	16.89%	11.23%	9.27%	12.42%	8.85%	2.19%	5.64%	9.34%	17.13%	13.50%
Geotérmica	14.78%	14.63%	17.40%	16.22%	16.32%	17.98%	17.64%	16.90%	18.90%	16.74%	14.87%	14.20%	16.33%
Hidroeléctrica	6.67%	7.54%	7.67%	4.40%	6.77%	9.09%	11.88%	13.73%	19.05%	15.35%	17.57%	15.21%	10.96%
Solar	0.02%	0.02%	0.02%	0.02%	0.01%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.02%
Térmica	34.83%	37.60%	36.21%	45.41%	53.13%	54.66%	52.24%	58.22%	59.84%	62.26%	49.63%	33.00%	47.59%
TOTAL NACIONAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Fuente: Empresas Públicas y Privadas del SIN y Sistemas Aislados.

Dirección de Estudios Económicos y Tarifas, DGE - INE.