



INSTITUTO NICARAGÜENSE DE ENERGÍA
ENTE REGULADOR

GENERACIÓN NETA 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.)	319,254.89	295,805.05	326,618.14	335,166.61	342,197.59	305,521.49	311,596.09	310,955.55	277,428.27	305,834.42	301,720.05	313,206.77	3,745,304.92
Pública	24,252.53	26,429.82	29,539.32	19,308.63	27,867.12	30,404.88	39,950.58	45,828.32	56,304.72	43,765.49	52,894.91	47,356.65	443,902.97
Hidroeléctrica	23,732.65	25,081.12	28,313.45	16,483.92	25,164.48	29,029.43	38,612.25	44,188.51	54,815.16	40,803.65	49,384.80	45,526.58	421,136.00
Centroamérica	15,616.45	16,952.42	19,023.65	11,186.62	16,216.58	15,544.03	22,693.05	26,528.01	27,741.56	23,294.05	27,318.40	27,142.18	249,257.00
Carlos Fonseca	8,116.20	8,128.70	9,289.80	5,297.30		13,485.40	15,919.20	17,660.50	27,073.60	17,509.60	22,066.40	18,384.40	171,879.00
Solar	88.22	79.68	88.22	85.37	19.55	55.22	60.30	40.99	18.32	26.98	47.42	36.27	646.53
La Trinidad	88.22	79.68	88.22	85.37	19.55	55.22	60.30	40.99	18.32	26.98	47.42	36.27	646.53
Térmica	431.66	1,269.02	1,137.65	2,739.33	2,683.09	1,320.24	1,278.03	1,598.83	1,471.24	2,934.86	3,462.69	1,793.80	22,120.44
Planta Managua	431.66	1,269.02	1,096.68	2,713.69	2,645.25	1,314.45	1,278.03	1,559.60	1,470.80	2,905.90	3,462.69	1,793.80	21,941.57
Las Brisas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.43	0.44	28.96	0.00	0.00	61.83
Generadora San Rafael, S.A.(GESARSA)	0.00	0.00	40.97	25.64	37.84	5.79	0.00	6.80	0.00	0.00	0.00	0.00	117.04
Privada	295,002.36	269,375.23	297,078.82	315,857.98	314,330.47	275,116.60	271,645.51	265,127.23	221,123.54	262,068.93	248,825.14	265,850.13	3,301,401.95
Biomasa	39,795.59	35,331.28	36,753.45	33,001.93	26,529.77	23,458.68	15,242.42	6,201.41	0.00	3.52	15,700.87	43,160.81	275,179.72
Planta San Antonio (NSEL)	17,697.78	15,099.26	14,616.83	12,330.83	9,803.83	7,745.14	5,462.61	0.00	0.00	3.52	5,536.01	20,616.84	108,912.63
Planta Monte Rosa	22,097.81	20,232.02	22,136.62	20,671.10	16,725.94	15,713.54	9,779.81	6,201.41	0.00	0.00	10,164.87	22,543.97	166,267.09
Eólica	87,374.39	70,579.01	74,465.05	64,462.12	42,398.66	30,122.23	40,936.53	28,895.92	6,234.37	17,962.50	30,573.56	60,990.85	554,995.19
Blue Power La Fe San Martín	23,254.90	17,458.88	19,108.34	16,611.50	10,937.40	7,397.10	10,275.00	7,117.50	1,654.10	4,222.10	7,458.80	16,775.70	142,271.33
Eolo de Nicaragua, S.A.	23,994.74	22,240.44	23,030.31	21,222.08	14,160.07	9,764.56	14,125.84	9,931.95	2,259.50	6,483.38	10,650.70	15,197.55	173,061.12
Planta Amayo I	24,844.05	18,903.03	19,808.59	16,041.00	10,438.42	7,648.25	9,868.38	7,107.00	1,378.57	4,230.39	7,420.82	17,731.58	145,420.07
Planta Amayo II	15,280.70	11,976.65	12,517.81	10,587.55	6,862.76	5,312.33	6,667.30	4,739.47	942.20	3,026.64	5,043.24	11,286.02	94,242.67
Geotérmica	48,976.26	45,092.61	59,560.30	56,375.25	56,037.14	52,862.90	52,498.58	49,662.68	49,801.47	48,089.12	43,281.83	45,074.12	607,312.25
Momotombo Power Company (MPC)	15,599.71	14,113.20	15,616.80	14,635.21	15,232.60	14,710.06	13,510.70	16,270.50	18,341.60	17,019.70	13,984.90	14,279.50	183,314.48
Polaris Energy Nicaragua, S.A. (PENSA)	33,376.55	30,979.41	43,943.50	41,740.04	40,804.54	38,152.84	38,987.88	33,392.18	31,459.87	31,069.42	29,296.93	30,794.62	423,997.77
Hidroeléctrica	360.40	177.10	188.31	136.75	172.04	294.41	359.07	441.65	479.94	8,154.15	7,917.91	8,412.84	27,094.54
El Bote	360.40	177.10	188.31	136.75	172.04	294.41	359.07	441.65	479.94	494.28	547.92	504.67	4,156.52
Hidro Pantasma (HIPSA)										7,659.87	7,369.99	7,908.17	22,938.03
Térmica	118,495.73	118,195.23	126,111.72	161,881.93	189,192.87	168,378.38	162,608.92	179,925.57	164,607.77	187,859.64	151,350.97	108,211.51	1,836,820.24
Hugo Chávez Frías	0.00	19.36	46.23	15.97	130.46	77.72	138.79	287.58	4.03	918.06	408.00	174.41	2,220.62
Che Guevara I	149.51	649.73	779.24	1,958.47	3,582.02	3,642.02	2,380.82	2,945.21	3,163.24	5,125.18	3,128.20	517.22	28,020.88
Che Guevara II	2.39	550.13	273.52	2,502.99	3,366.85	3,126.57	2,145.88	3,472.68	3,956.31	5,463.91	2,572.96	1,020.87	28,455.05
Che Guevara III	143.90	296.18	536.48	2,676.97	4,041.70	3,668.67	2,375.95	3,934.14	4,102.92	5,784.44	3,283.49	699.12	31,543.96
Che Guevara IV	10.08	34.25	418.69	1,355.04	2,231.83	998.39	720.10	2,011.65	2,022.34	3,580.23	1,609.42	573.04	15,565.03
Che Guevara V	0.00	2.78	96.94	715.48	1,386.30	635.67	190.51	1,088.56	1,171.33	2,558.27	1,056.77	273.04	9,175.63
Che Guevara VI	4,266.60	3,977.00	3,600.10	5,395.90	7,319.50	7,146.40	6,254.20	6,252.20	5,848.50	6,540.10	5,034.00	3,350.00	64,984.50
Che Guevara VII	11,015.88	10,834.66	9,405.59	16,852.11	19,715.28	20,985.73	17,294.40	20,356.12	17,585.73	19,022.30	13,423.40	6,559.20	183,050.40
Che Guevara VIII	366.76	1,961.24	1,851.06	5,648.86	8,447.28	6,760.74	4,725.17	6,285.17	6,106.57	7,837.93	5,552.46	1,133.39	56,676.63
Che Guevara IX	1,399.75	5,945.04	4,424.16	10,926.40	14,211.49	13,643.16	11,110.81	16,128.17	14,751.46	14,563.15	13,243.13	5,753.53	126,100.25
Corporación Eléctrica Nicaragüense, S.A. (CENSA)	9,660.84	12,483.69	10,768.20	19,952.93	27,723.27	24,139.51	20,939.11	24,209.95	18,777.21	23,522.81	19,990.50	11,033.41	223,201.42
Empresa Energética Corinto (EEC)	42,158.83	28,368.07	36,983.91	41,683.06	46,624.56	39,587.98	46,443.04	44,964.27	41,117.28	44,191.33	38,314.27	40,330.72	490,767.31
Tipitapa Power Company (TPC)	22,713.10	22,649.70	21,037.00	27,998.10	32,371.00	29,706.50	30,301.90	29,134.80	28,392.40	29,365.80	25,825.30	19,131.50	318,627.10
Planta Nicaragua	26,608.10	30,423.40	35,890.60	24,199.66	18,041.32	14,259.32	17,588.26	18,855.07	17,608.45	19,386.13	17,909.08	17,662.07	258,431.47
Sistema Aislado Nacional (S.A.N.)	4,261.41	3,885.54	4,168.56	4,294.52	4,350.89	4,082.17	4,426.77	4,486.98	4,328.84	4,343.42	4,154.16	4,406.88	51,190.15



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AÑO 2013
MWh

Tipo de Sistema por Fuente de Energía	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Total general
Pública	643.17	605.34	658.84	649.44	690.61	609.04	676.78	649.77	616.31	606.56	599.19	677.54	7,682.61
Térmica	643.17	605.34	658.84	649.44	690.61	609.04	676.78	649.77	616.31	606.56	599.19	677.54	7,682.61
Corn Island	394.61	359.17	402.73	415.11	419.66	360.16	405.41	386.69	355.80	360.49	350.76	407.84	4,618.42
Karawala	16.34	23.76	24.16	10.00	19.01	18.71	24.45	21.48	16.43	22.77	19.35	27.00	243.46
Orinoco	11.88	11.72	11.72	8.23	11.35	12.98	11.71	5.60	11.76	12.30	13.57	14.51	137.32
Pueblo Nuevo	5.94	5.70	5.96	5.25	6.18	4.77	5.66	6.17	4.60	1.30	5.70	6.50	63.73
San Juan de Nicaragua	30.18	26.46	26.36	22.64	29.30	28.81	32.05	32.93	33.22	30.67	33.70	41.06	367.39
Tasbapauni	11.50	10.00	2.50	2.00	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.60
Waspán	172.73	168.53	185.41	186.21	192.51	183.62	197.50	196.90	194.50	179.02	176.12	180.62	2,213.68
Privada	3,618.24	3,280.20	3,509.72	3,645.08	3,660.28	3,473.13	3,749.99	3,837.21	3,712.53	3,736.86	3,554.97	3,729.34	43,507.53
Hidroeléctrica	136.42	116.05	126.05	92.56	103.25	79.36	76.03	115.94	149.54	148.26	164.21	164.06	1,471.72
Tichana Power (TP)	136.42	116.05	126.05	92.56	103.25	79.36	76.03	115.94	149.54	148.26	164.21	164.06	1,471.72
Térmica	3,481.82	3,164.15	3,383.67	3,552.52	3,557.04	3,393.77	3,673.96	3,721.27	3,563.00	3,588.60	3,390.76	3,565.28	42,035.82
Empresa Generadora Ometepe, S.A. (EGOMSA)	690.96	620.13	725.77	742.45	720.23	668.06	707.06	681.49	619.09	644.07	596.49	679.91	8,095.71
Puerto Cabezas Power (PCP)	2,790.86	2,544.02	2,657.90	2,810.07	2,836.81	2,725.71	2,966.90	3,039.78	2,943.90	2,944.53	2,794.27	2,885.37	33,940.11
Total general	323,516.30	299,690.59	330,786.70	339,461.13	346,548.48	309,603.66	316,022.86	315,442.53	281,757.11	310,177.84	305,874.21	317,613.65	3,796,495.07

GENERACIÓN NETA POR TIPO DE FUENTE
(%)

TIPO DE EMPRESA GENERADORA	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Total general
Biomasa	12.30%	11.79%	11.11%	9.72%	7.66%	7.58%	4.82%	1.97%	0.00%	0.00%	5.13%	13.59%	7.25%
Eólica	27.01%	23.55%	22.51%	18.99%	12.23%	9.73%	12.95%	9.16%	2.21%	5.79%	10.00%	19.20%	14.62%
Geotérmica	15.14%	15.05%	18.01%	16.61%	16.17%	17.07%	16.61%	15.74%	17.68%	15.50%	14.15%	14.19%	16.00%
Hidroeléctrica	7.49%	8.47%	8.65%	4.92%	7.34%	9.50%	12.36%	14.19%	19.68%	15.83%	18.79%	17.03%	11.85%
Solar	0.03%	0.03%	0.03%	0.03%	0.01%	0.02%	0.02%	0.01%	0.01%	0.01%	0.02%	0.01%	0.02%
Térmica	38.04%	41.12%	39.69%	49.73%	56.59%	56.10%	53.24%	58.93%	60.43%	62.86%	51.92%	35.97%	50.27%
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.