



INSTITUTO NICARAGÜENSE DE ENERGÍA
ENTE REGULADOR

INSUMOS PARA LA PRODUCCIÓN DE ENERGÍA ELÉCTRICA
SISTEMA ELÉCTRICO NACIONAL
AÑO 2013

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.)													
Pública													
Miles de Galones de Diesel	0.00	0.00	0.15	0.06	0.06	0.03	0.00	4.49	0.15	3.06	0.00	0.00	8.01
Las Brisas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.47	0.15	3.06	0.00	0.00	7.68
Generadora San Rafael, S.A.(GESARSA)	0.00	0.00	0.15	0.06	0.06	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.33
Miles de Galones de Diesel (Otros Usos)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.14
Planta Managua	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.09	0.14
Las Brisas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Miles de Galones de Fuel Oil	26.88	80.29	72.84	173.10	169.88	82.97	80.07	98.15	96.26	188.08	221.94	115.22	1,405.69
Planta Managua	26.88	80.29	69.27	170.73	167.22	82.55	80.07	97.66	96.26	188.08	221.94	115.22	1,396.17
Generadora San Rafael, S.A.(GESARSA)	0.00	0.00	3.57	2.37	2.66	0.43	0.00	0.49	0.00	0.00	0.00	0.00	9.52
Miles de Metros Cúbicos de Agua	43,493.89	45,765.32	51,668.98	30,080.17	46,237.25	54,699.32	71,829.65	81,922.52	103,811.69	76,162.40	92,578.06	84,519.41	782,768.66
Centroamérica	26,265.67	28,502.99	31,962.02	18,833.61	27,262.25	26,105.97	38,091.42	44,513.10	46,543.46	39,103.66	45,818.21	45,523.77	418,526.13
Carlos Fonseca	17,228.22	17,262.33	19,706.96	11,246.56	18,975.01	28,593.34	33,738.22	37,409.42	57,268.22	37,058.74	46,759.86	38,995.63	364,242.53
Privada													
Miles de Galones de Diesel	71.54	102.58	105.57	145.48	144.62	133.62	157.72	163.75	196.76	232.40	180.27	113.36	1,747.68
Hugo Chávez Frías	0.00	1.45	3.42	1.24	9.78	5.70	10.71	21.46	25.36	67.29	29.96	13.32	189.69
Che Guevara I	1.27	8.98	6.90	11.79	15.73	16.01	17.27	17.02	17.00	17.37	14.72	6.50	150.55
Che Guevara II	0.36	7.34	4.14	12.97	13.73	16.00	13.99	15.19	20.17	17.38	15.67	7.06	144.01
Che Guevara III	3.93	4.65	6.37	14.37	15.27	14.67	17.18	14.55	19.40	17.18	12.96	4.88	145.40
Che Guevara IV	0.46	2.11	5.15	10.09	12.17	8.40	7.22	12.21	16.28	18.81	12.46	4.14	109.52
Che Guevara V	0.20	0.32	3.53	5.92	9.96	5.52	3.60	10.61	16.12	21.76	12.48	2.96	92.98
Che Guevara VI	8.17	6.65	7.60	5.24	1.97	2.99	6.07	3.41	4.46	2.65	6.01	7.79	63.02
Che Guevara VII	22.51	22.30	25.69	22.75	9.83	11.22	19.07	10.11	17.83	13.75	18.06	22.04	215.15
Che Guevara VIII	4.03	16.68	13.43	21.14	20.26	18.57	17.79	17.48	21.35	19.60	20.64	12.61	203.57
Che Guevara IX	28.86	27.90	25.64	39.63	33.10	31.77	42.14	36.62	34.31	33.38	33.69	28.17	395.21
Empresa Energética Corinto (EEC)	1.75	4.20	3.71	0.35	2.83	2.77	2.68	5.09	4.48	3.24	3.60	3.88	38.57
Miles de Galones de Diesel (Otros Usos)	9.53	5.81	9.42	5.57	3.33	2.76	4.14	4.18	3.44	3.94	4.77	9.65	66.54
Hugo Chávez Frías	0.26	0.06	0.08	0.19	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.66
Corporación Eléctrica Nicaragüense, S.A. (CENSA)	1.67	1.50	1.97	2.93	2.02	1.77	2.39	3.02	2.51	2.25	1.83	1.54	25.39
Tipitapa Power Company (TPC)	7.60	4.25	7.37	2.45	1.26	0.96	1.75	1.16	0.94	1.69	2.94	8.12	40.50
Miles de Galones de Fuel Oil	7,694.30	7,734.18	8,360.78	10,332.01	11,839.66	10,510.62	10,175.82	11,447.33	10,325.44	11,723.72	9,488.52	6,830.48	116,462.87
Che Guevara I	8.10	32.89	42.24	110.80	206.51	212.32	132.16	167.65	181.30	304.13	184.34	27.78	1,610.20
Che Guevara II	0.00	27.40	13.66	143.78	196.57	178.99	121.09	201.12	227.50	328.26	148.88	58.29	1,645.55
Che Guevara III	6.55	15.99	28.43	154.08	237.76	214.82	133.05	231.83	238.49	345.29	194.05	41.00	1,841.32
Che Guevara IV	0.45	0.26	22.25	75.50	127.22	53.59	38.38	113.42	109.92	205.82	89.79	31.99	868.59
Che Guevara V	0.00	0.00	2.92	39.25	76.49	33.66	8.61	57.28	57.07	138.99	54.76	14.45	483.48
Che Guevara VI	256.20	238.99	215.88	328.57	449.44	437.74	380.38	385.47	359.60	405.95	310.48	203.21	3,971.92
Che Guevara VII	659.72	646.54	558.38	1,019.88	1,207.56	1,282.49	1,047.95	1,253.30	1,075.79	1,173.35	824.16	390.97	11,140.08
Che Guevara VIII	19.13	106.19	102.32	329.54	502.47	399.62	275.49	369.98	356.25	463.93	324.94	58.84	3,308.69
Che Guevara IX	61.17	335.66	245.32	635.30	842.86	809.17	644.05	960.82	884.26	875.42	791.17	332.15	7,417.34
Corporación Eléctrica Nicaragüense, S.A. (CENSA)	608.50	779.76	673.96	1,244.41	1,736.75	1,517.51	1,318.02	1,530.31	1,191.23	1,489.83	1,258.66	694.91	14,043.82
Empresa Energética Corinto (EEC)	2,520.66	1,693.52	2,240.90	2,536.92	2,789.32	2,380.45	2,778.67	2,687.62	2,463.49	2,637.28	2,307.82	2,405.13	29,441.78
Tipitapa Power Company (TPC)	1,385.81	1,378.13	1,278.06	1,705.43	1,970.79	1,808.43	1,840.17	1,952.14	1,722.71	1,780.10	1,563.76	1,162.25	19,547.76
Planta Nicaragua	2,168.04	2,478.87	2,936.46	2,008.54	1,495.91	1,181.85	1,457.80	1,536.39	1,457.85	1,575.38	1,435.72	1,409.52	21,142.33
Miles de Metros Cúbicos de Agua	1,575.82	776.29	826.16	601.91	754.43	1,282.35	1,573.33	1,926.03	2,094.31	10,423.43	10,339.71	10,739.82	42,913.59
El Bote	1,575.82	776.29	826.16	601.91	754.43	1,282.35	1,573.33	1,926.03	2,094.31	2,157.97	2,387.05	2,206.43	18,162.08
Hidro Pantasma (HIPSA)				0.00	0.00	0.00	0.00	0.00	0.00	8,265.46	7,952.66	8,533.39	24,751.50
Miles de Toneladas de Salmuera	729.12	658.56	729.12	705.60	729.12	705.60	729.12	712.80	705.60	729.12	691.20	650.65	8,475.61
Planta Momotombo (OEC)	729.12	658.56	729.12	705.60	729.12	705.60	729.12	712.80	705.60	729.12	691.20	650.65	8,475.61
Miles de Metros Cúbicos Agua de Salmuera	787.52	508.33	915.97	833.07	815.79	804.02	846.90	768.45	757.13	772.94	792.59	820.49	9,423.19
Polaris Energy Nicaragua, S.A. (PENSA)	787.52	508.33	915.97	833.07	815.79	804.02	846.90	768.45	757.13	772.94	792.59	820.49	9,423.19



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Miles de Toneladas de Vapor Geotérmico	442.28	388.57	509.45	485.01	483.62	459.42	459.21	445.92	446.75	434.67	397.15	409.86	5,361.90
Planta Momotombo	139.04	125.50	138.27	132.68	137.32	133.10	121.88	148.70	165.28	154.78	127.95	131.43	1,655.94
Polaris Energy Nicaragua, S.A. (PENSA)	303.23	263.07	371.17	352.34	346.30	326.32	337.33	297.22	281.47	279.89	269.20	278.43	3,705.96
Miles de Toneladas Métricas de Bagazo Caña	245.41	221.80	239.58	234.43	145.70	64.36	16.81	12.10	0.00	0.00	103.08	270.49	1,553.78
Planta San Antonio (NSEL)	122.87	120.20	131.21	128.55	74.08	27.34	0.00	0.00	0.00	0.00	49.54	153.30	807.09
Planta Monte Rosa	122.54	101.60	108.37	105.88	71.62	37.03	16.81	12.10	0.00	0.00	53.55	117.19	746.69
Sistema Aislado Nacional (S.A.N.)													
Pública													
Miles de Galones de Diesel	58.22	55.11	58.93	56.05	61.99	56.66	55.97	61.36	59.45	61.37	60.24	66.09	711.44
Corn Island	33.53	31.90	36.22	35.12	36.83	34.16	31.05	37.27	35.86	38.60	37.17	41.31	429.04
Karawala	1.69	2.34	2.36	1.01	2.10	1.87	2.59	2.37	1.52	2.27	2.34	2.97	25.44
Orinoco	1.53	1.64	1.70	1.13	1.61	1.79	1.71	1.01	1.85	1.85	1.96	1.97	19.74
Pueblo Nuevo	0.63	0.56	0.62	0.46	0.60	0.59	0.66	0.65	0.54	0.14	0.60	0.64	6.69
San Juan de Nicaragua	2.61	2.32	2.38	1.86	2.64	2.62	2.80	2.87	2.90	3.12	3.08	3.64	32.82
Tasbapauni	2.14	1.29	0.41	0.38	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.06
Waspán	16.10	15.05	15.24	16.09	16.37	15.64	17.16	17.20	16.77	15.39	15.10	15.56	191.65
Privada													
Miles de Galones de Diesel	61.28	54.72	57.11	63.00	61.36	54.69	60.00	57.78	51.53	52.99	54.16	56.15	684.77
Empresa Generadora Ometepe, S.A. (EGOMSA)	54.60	50.15	53.33	57.42	57.65	51.39	54.53	53.64	48.84	50.85	46.81	53.39	632.60
Puerto Cabezas Power (PCP)	6.68	4.57	3.78	5.58	3.71	3.31	5.47	4.14	2.69	2.14	7.35	2.76	52.17
Miles de Galones de Diesel (Otros Usos)	9.56	9.20	12.34	9.09	10.93	10.98	11.99	12.04	12.91	12.30	12.66	11.43	135.42
Puerto Cabezas Power (PCP)	9.56	9.20	12.34	9.09	10.93	10.98	11.99	12.04	12.91	12.30	12.66	11.43	135.42
Miles de Galones de Fuel Oil	177.27	161.14	168.45	174.36	186.58	185.51	194.13	199.10	193.90	202.42	183.76	195.29	2,221.91
Puerto Cabezas Power (PCP)	177.27	161.14	168.45	174.36	186.58	185.51	194.13	199.10	193.90	202.42	183.76	195.29	2,221.91
Miles de Metros Cúbicos de Agua	324.59	276.83	304.86	287.10	296.65	269.54	289.52	328.14	329.57	319.50	305.29	329.66	3,661.24
Tichana Power (TP)	324.59	276.83	304.86	287.10	296.65	269.54	289.52	328.14	329.57	319.50	305.29	329.66	3,661.24

RESUMEN CONSUMOS DE ENERGÍAS

Miles de Metros Cúbicos de Agua	45,394.31	46,818.43	52,800.00	30,969.18	47,288.34	56,251.21	73,692.49	84,176.69	106,235.56	86,905.33	103,223.07	95,588.88	829,343.49
Miles de Toneladas de Salmuera	729.12	658.56	729.12	705.60	729.12	705.60	729.12	712.80	705.60	729.12	691.20	650.65	8,475.61
Miles de Toneladas de Vapor Geotérmico	442.28	388.57	509.45	485.01	483.62	459.42	459.21	445.92	446.75	434.67	397.15	409.86	5,361.90
Miles de Toneladas Métricas de Bagazo Caña	245.41	221.80	239.58	234.43	145.70	64.36	16.81	12.10	0.00	0.00	103.08	270.49	1,553.78
Miles de Galones de Fuel Oil	7,898.45	7,975.62	8,602.07	10,679.47	12,196.12	10,779.10	10,450.03	11,744.58	10,615.60	12,114.22	9,894.23	7,140.99	120,090.47
Miles de Galones de Diesel	210.12	227.41	243.53	279.25	282.30	258.74	289.82	303.61	324.29	366.08	312.10	256.78	3,354.01
Miles de Barriles de Fuel Oil	188.06	189.90	204.81	254.27	290.38	256.65	248.81	279.63	252.75	288.43	235.58	170.02	2,859.30
Miles de Barriles de Diesel	5.00	5.41	5.80	6.65	6.72	6.16	6.90	7.23	7.72	8.72	7.43	6.11	79.86

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

Dirección de Estudios Económicos y Tarifas, DGE - INE.