

ESTADÍSTICAS DEL SUBSECTOR ELÉCTRICO
RESUMEN DE LOS PRINCIPALES INDICADORES DEL SUBSECTOR ELECTRICIDAD
SISTEMA INTERCONECTADO NACIONAL (S.I.N.) Y SISTEMAS AISLADOS
AÑO 2008

Concepto / Meses	Unidad de Medida	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
Capacidad Instalada Nominal	MW	836.20	836.07	836.07	836.07	809.62	809.68	770.80	770.80	770.80	770.18	829.48	895.96	814.31
Capacidad Instalada Efectiva		679.31	673.46	670.51	687.24	683.12	625.34	626.03	617.90	583.76	576.57	652.60	692.28	647.34
1 Generación Bruta (SIN + Aislados) (3+...+12)	MWh	297,575.33	290,350.43	306,307.72	303,968.63	276,662.18	257,250.92	269,968.58	272,309.82	261,757.48	264,800.93	266,721.95	293,279.04	3,360,953.02
2 Generación Bruta SIN (3+...+11)		293,824.67	286,680.85	302,358.13	300,082.38	272,772.54	253,367.11	265,905.05	267,918.19	257,481.36	260,642.29	262,995.08	289,337.35	3,313,365.02
3 Hidroeléctricas (Públicas)		42,147.80	35,369.90	43,039.40	44,564.80	40,761.50	48,563.90	47,438.50	54,040.40	55,643.80	54,415.60	38,739.80	26,025.40	530,750.80
4 Hidroeléctricas (Privadas)		292.18	270.29	212.17	177.57	169.54	278.13	312.99	430.54	401.05	454.66	415.35	288.72	3,703.19
5 Térmicas (Públicas) - Fuel Oil		18,092.67	21,670.38	25,883.68	25,016.89	24,584.03	20,072.91	37,276.08	35,712.84	41,243.19	38,159.88	36,718.75	30,385.73	354,817.01
6 Térmicas (Privadas) - Fuel Oil		134,043.79	135,598.23	137,058.09	142,024.06	150,697.85	145,910.41	145,281.03	141,867.05	135,087.86	141,021.81	147,148.11	144,547.53	1,700,285.81
7 Térmicas (Privadas) - Bagazo de Caña		69,398.39	64,485.90	67,378.54	49,951.43	11,587.36	4,786.26	0.00	0.00	0.00	0.00	10,076.98	60,162.50	337,827.36
8 Turbinas a Gas (Pública) - Diesel		356.22	167.52	923.39	3,705.98	6,082.43	1,459.22	499.73	1,515.12	0.00	17.00	91.55	156.15	14,974.30
9 Turbinas a Gas (Privada) - Diesel		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
10 Térmicas (Públicas) - Diesel		634.56	1,571.84	5,155.56	6,965.32	10,163.67	6,025.62	4,954.22	4,639.15	2,684.75	1,870.96	3,514.13	689.59	48,869.37
11 Geotérmicas		28,859.08	27,546.79	22,707.30	27,676.33	28,726.16	26,270.66	30,142.51	29,713.09	22,420.72	24,702.40	26,290.41	27,081.73	322,137.18
12 Generación Bruta Sistemas Aislados (13+...+15)		3,750.66	3,669.57	3,949.59	3,886.25	3,889.64	3,883.81	4,063.53	4,391.63	4,276.12	4,158.64	3,726.87	3,941.68	47,588.00
13 Térmicas (Públicas) - Diesel		1,184.13	1,175.20	1,302.97	1,298.22	1,197.36	1,199.30	1,314.70	1,473.71	1,350.02	1,198.46	1,007.64	1,015.92	14,716.63
14 Térmicas (Privadas) - Diesel		678.86	652.81	713.86	704.02	722.75	633.74	681.91	698.40	680.19	745.38	663.98	758.91	8,334.80
15 Térmicas (Privadas) - Fuel Oil		1,887.67	1,841.56	1,932.76	1,884.01	1,969.53	2,051.78	2,066.92	2,219.53	2,245.91	2,214.80	2,055.26	2,166.85	24,536.57
Hidroeléctricas	Generación por Tipo de Combustible (%)	14.26%	12.27%	14.12%	14.72%	14.79%	18.99%	17.69%	20.00%	21.41%	20.72%	14.68%	8.97%	15.90%
Térmicas (Fuel Oil + Diesel)		52.72%	56.03%	56.47%	59.74%	70.63%	68.94%	71.15%	69.09%	70.02%	69.95%	71.68%	61.28%	64.46%
Geotérmicas		9.70%	9.49%	7.41%	9.10%	10.38%	10.21%	11.17%	10.91%	8.57%	9.33%	9.86%	9.23%	9.58%
Bagazo de Caña		23.32%	22.21%	22.00%	16.43%	4.19%	1.86%	0.00%	0.00%	0.00%	0.00%	3.78%	20.51%	10.05%
16 Consumo Propio (SIN + Aislados) (18+...+27)	MWh	39,675.51	38,517.32	38,949.90	32,243.14	16,582.74	12,237.71	12,281.98	11,442.66	10,914.25	11,686.57	17,785.27	36,511.52	278,828.57
17 Consumo Propio SIN (18+...+26)		39,546.72	38,399.93	38,820.31	32,113.20	16,449.36	12,119.26	12,153.19	11,314.51	10,788.64	11,561.06	17,665.84	36,385.45	277,317.47
18 Hidroeléctricas (Públicas)		1,005.70	740.90	153.36	156.21	525.03	163.42	194.95	185.48	185.37	151.76	622.11	883.00	4,967.30
19 Hidroeléctricas (Privadas)		1.71	1.29	1.11	0.81	1.23	1.70	1.54	1.84	1.58	1.89	1.94	1.69	18.33
20 Térmicas (Públicas) - Fuel Oil		1,214.97	1,541.19	1,979.43	1,941.29	1,937.54	1,414.43	2,304.07	1,793.77	2,292.65	2,308.88	1,954.09	1,535.61	22,217.91
21 Térmicas (Privadas) - Fuel Oil		5,997.40	5,976.20	6,013.42	6,154.91	6,663.60	6,496.93	6,497.43	6,267.93	5,934.67	6,376.40	6,398.37	6,600.12	75,377.37
22 Térmicas (Privadas) - Bagazo de Caña		28,538.02	27,400.99	28,229.47	20,733.53	3,880.38	1,100.52	0.00	0.00	0.00	0.00	5,868.34	24,451.68	140,202.92
23 Turbinas a Gas (Pública) - Diesel		20.75	11.19	55.30	261.99	338.40	98.81	33.51	100.96	0.00	0.65	0.84	1.03	923.44
24 Turbinas a Gas (Privada) - Diesel		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
25 Térmicas (Públicas) - Diesel		11.72	39.35	139.71	189.24	275.95	161.36	133.58	126.02	72.05	51.12	94.15	18.83	1,313.08
26 Geotérmicas		2,756.45	2,688.83	2,248.51	2,675.22	2,827.24	2,682.09	2,988.12	2,838.51	2,302.32	2,670.35	2,725.99	2,893.50	32,297.12
27 Consumo Propio Sistemas Aislados (28+...+30)		128.79	117.39	129.59	129.94	133.38	118.45	128.79	128.15	125.61	125.51	119.43	126.07	1,511.10
28 Térmicas (Públicas) - Diesel		15.23	11.68	12.10	11.22	11.74	11.66	12.86	14.08	13.24	11.63	10.18	10.63	146.25
29 Térmicas (Privadas) - Diesel		15.88	15.16	16.74	16.70	19.11	18.02	19.01	12.55	11.45	13.08	11.00	13.59	182.29
30 Térmicas (Privadas) - Fuel Oil		97.67	90.56	100.76	102.01	102.53	88.78	96.92	101.53	100.91	100.80	98.26	101.85	1,182.57
31 Generación Neta (SIN + Aislados) (33+...+42)	MWh	257,899.82	251,833.11	267,357.82	271,725.49	260,079.44	245,013.21	257,686.61	260,867.16	250,843.23	253,114.36	248,936.69	256,767.52	3,082,124.44
32 Generación Neta SIN (33+...+41)		254,277.96	248,280.92	263,537.82	267,969.18	256,323.18	241,247.85	253,751.86	256,603.68	246,692.72	249,081.24	245,329.25	252,951.90	3,036,047.55
33 Hidroeléctricas (Públicas)		41,142.10	34,629.00	42,886.04	44,408.59	40,236.47	48,400.48	47,243.55	53,854.92	55,458.43	54,263.84	38,117.69	25,142.40	525,783.50
34 Hidroeléctricas (Privadas)		290.47	269.01	211.06	176.76	168.31	276.43	311.45	428.70	399.47	452.76	413.40	287.04	3,684.86
35 Térmicas (Públicas) - Fuel Oil		16,877.70	20,129.19	23,904.26	23,075.60	22,646.48	18,658.48	34,972.01	33,919.07	38,950.53	35,851.00	34,764.66	28,850.12	332,599.10
36 Térmicas (Privadas) - Fuel Oil		128,046.39	129,622.03	131,044.67	135,869.15	144,034.25	139,413.48	138,783.61	135,599.12	129,153.18	134,645.40	140,749.74	137,947.41	1,624,908.44

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37 Térmicas (Privadas) - Bagazo de Caña		40,860.36	37,084.91	39,149.07	29,217.90	7,706.98	3,685.74	0.00	0.00	0.00	0.00	4,208.64	35,710.82	197,624.44
38 Turbinas a Gas (Pública) - Diesel		335.47	156.34	868.09	3,443.98	5,744.03	1,360.40	466.22	1,414.15	0.00	16.35	90.71	155.12	14,050.86
39 Turbinas a Gas (Privada) - Diesel		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
40 Térmicas (Públicas) - Diesel		622.83	1,532.49	5,015.85	6,776.08	9,887.72	5,864.26	4,820.64	4,513.13	2,612.69	1,819.84	3,419.98	670.76	47,556.29
41 Geotérmicas		26,102.64	24,857.96	20,458.79	25,001.11	25,898.92	23,588.57	27,154.39	26,874.58	20,118.41	22,032.05	23,564.42	24,188.23	289,840.06
42 Generación Neta Sistemas Aislados (43+...+45)		3,621.86	3,552.19	3,820.00	3,756.31	3,756.26	3,765.36	3,934.74	4,263.48	4,150.51	4,033.13	3,607.44	3,815.61	46,076.90
43 Térmicas (Públicas) - Diesel		1,168.89	1,163.53	1,290.87	1,287.00	1,185.62	1,186.64	1,301.84	1,459.63	1,336.77	1,186.83	997.46	1,005.29	14,570.38
44 Térmicas (Privadas) - Diesel		662.97	637.66	697.13	687.32	703.64	615.72	662.91	685.85	668.74	732.30	652.98	745.32	8,152.51
45 Térmicas (Privadas) - Fuel Oil		1,790.00	1,751.00	1,832.00	1,782.00	1,867.00	1,963.00	1,970.00	2,118.00	2,145.00	2,114.00	1,957.00	2,065.00	23,354.00
46 Oferta Total (47 + 48)		258,384.63	252,125.57	269,883.97	277,478.43	268,412.00	249,823.09	257,788.46	260,998.66	250,860.19	254,847.38	249,057.59	256,774.81	3,106,434.78
47 Oferta Disponible (SIN) (32+49+50)		254,762.77	248,573.39	266,063.97	273,722.11	264,655.74	246,057.73	253,853.71	256,735.18	246,709.68	250,814.25	245,450.15	252,959.20	3,060,357.89
48 Oferta Disponible (Sistemas Aislados) (42)		3,621.86	3,552.19	3,820.00	3,756.31	3,756.26	3,765.36	3,934.74	4,263.48	4,150.51	4,033.13	3,607.44	3,815.61	46,076.90
49 Neto Interconexión	MWh	-164.76	-219.03	-225.53	-202.92	-1,165.52	-80.42	28.35	-317.69	-448.05	-344.06	-205.73	-542.62	-3,887.98
50 Importaciones de Energía		649.57	511.50	2,751.68	5,955.86	9,498.08	4,890.30	73.50	449.20	465.01	2,077.07	326.63	549.92	28,198.32
51 Pérdidas de Transmisión		5,780.34	6,114.21	6,307.54	6,222.24	5,315.60	5,571.46	4,302.06	4,936.82	3,979.19	4,248.66	4,628.59	5,862.86	63,269.58
52 Pérdidas de Distribución (SIN)		67,213.19	59,552.75	63,932.76	68,795.43	52,938.18	54,350.92	60,101.07	56,870.58	59,230.57	59,766.09	55,611.12	62,543.90	720,906.55
53 Pérdidas de Distribución (Sistemas Aislados) (48-59)		1,265.16	1,198.63	1,476.10	1,442.29	1,265.60	1,450.27	1,541.67	1,795.99	1,606.41	1,361.67	1,111.78	1,284.72	16,800.28
54 Pérdidas de Transmisión (SIN) (51/47)*100		2.27	2.46	2.37	2.27	2.01	2.26	1.69	1.92	1.61	1.69	1.89	2.32	2.07
55 Pérdidas de Distribución (SIN)	%	27.97	25.46	25.52	26.78	21.37	23.67	25.23	23.64	25.58	25.27	24.04	26.18	25.07
56 Pérdidas de Distribución (Sistemas Aislados) (53/48)*100		34.93	33.74	38.64	38.40	33.69	38.52	39.18	42.13	38.70	33.76	30.82	33.67	36.46
57 Ventas de Energía Eléctrica (58+59+60)		181,679.45	182,810.03	195,300.56	196,560.20	203,651.83	183,487.05	187,035.21	192,225.81	180,906.95	185,581.36	184,035.92	184,959.20	2,258,233.58
58 S.I.N. (Distribuidoras + Grandes Consumidores)	MWh	179,322.74	180,456.48	192,956.66	194,246.17	201,161.18	181,171.96	184,642.14	189,758.32	178,362.85	182,909.90	181,540.26	182,398.30	2,228,926.97
59 Sistemas Aislados (Públicos + Privados)		2,356.70	2,353.55	2,343.90	2,314.03	2,490.66	2,315.09	2,393.07	2,467.49	2,544.10	2,671.46	2,495.66	2,530.90	29,276.61
60 Exportaciones de Energía		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	30.00
61 Clientes (62+63)		670,148	675,205	675,732	681,295	681,579	682,628	687,711	687,901	693,438	693,987	700,934	701,778	686,028
62 S.I.N. (Distribuidoras + Grandes Consumidores + Uso Redes)	Usuarios	651,895	656,571	657,069	662,582	662,760	663,753	668,888	669,052	674,496	674,730	681,589	682,061	667,121
63 Sistemas Aislados (Públicos + Privados)		18,253	18,634	18,663	18,713	18,819	18,875	18,823	18,849	18,942	19,257	19,345	19,717	18,908
64 Ingresos por Ventas (65+66)		558,441.80	598,422.28	653,613.87	668,978.59	708,611.88	644,045.18	674,380.75	726,281.51	713,123.57	735,692.31	678,642.64	622,759.53	7,982,993.89
65 S.I.N. (Distribuidoras + Grandes Consumidores + Uso Redes)	10 ³ de C\$	549,881.28	589,773.68	644,854.43	660,307.03	699,328.43	635,321.21	665,359.88	716,895.14	703,463.59	725,367.24	669,073.09	613,501.31	7,873,126.30
66 Sistemas Aislados (Públicos + Privados)		8,560.52	8,648.59	8,759.44	8,671.57	9,283.46	8,723.96	9,020.87	9,386.37	9,659.98	10,325.07	9,569.55	9,258.22	109,867.59
67 Precio Promedio		3.3198	3.5418	3.6300	3.6811	3.7619	3.8180	3.9553	4.1337	4.3823	4.4464	4.0893	3.6706	3.8676
68 S.I.N. (Disnorte+Dissur+Bluefields+Wiwili+Atder-BL)	C\$ / kWh	3.3303	3.5618	3.6498	3.6914	3.7706	3.8210	3.9603	4.1496	4.4032	4.4802	4.1141	3.6749	3.8827
69 Sistemas Aislados (Públicos + Privados)		3.6917	3.7358	3.8139	3.8252	3.8037	3.8407	3.8464	3.8895	3.8971	3.9607	3.9307	3.7340	3.8326
70 Consumo Combustible														
71 Hidroeléctricas (Públicas)	10 ³ M ³ Agua	76,542.18	63,906.57	77,841.63	80,621.97	74,732.52	90,883.51	86,943.29	98,215.13	104,455.63	105,309.66	71,725.56	47,248.28	978,425.93
72 Hidroeléctricas (Privadas)		1,270.35	1,175.19	922.47	772.05	737.14	1,209.26	1,360.81	1,871.90	1,743.70	1,976.77	1,805.85	1,255.32	16,100.81
73 Térmicas - Fuel Oil (Públicas)		1,406.44	1,691.60	2,028.64	1,979.43	1,866.72	1,522.72	2,641.48	2,308.18	2,892.66	2,724.83	2,538.48	2,076.78	25,677.98
74 Térmicas - Fuel Oil (Privadas)		8,601.81	8,673.79	8,585.07	8,916.94	9,539.62	9,191.77	9,277.11	8,943.14	8,442.95	9,010.54	9,401.92	9,224.22	107,808.86
75 Turbinas a Gas (Pública) - Diesel Oil	10 ³ Glns.	26.37	12.49	71.16	283.48	670.95	115.44	38.91	113.54	0.00	1.90	10.68	16.72	1,361.63
76 Turbinas a Gas (Privada) - Diesel Oil		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
77 Térmicas - Diesel (Públicas)		59.61	122.10	370.65	494.97	721.98	435.71	358.14	334.88	192.42	137.42	258.42	52.21	3,538.52

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78 Geotérmicas	10 ³ Ton. Vapor	237.99	221.03	208.69	224.57	231.35	217.57	255.89	256.62	200.17	223.12	238.70	242.87	2,758.57
79 Geotérmica	10 ³ M ³ Agua Caliente	709.73	792.07	308.41	796.53	846.93	764.24	834.41	834.63	699.45	769.02	667.88	640.53	8,663.83
80 Sistemas Aislados (Diesel Oil)	10 ³ Glns.	163.30	156.54	169.99	168.27	163.69	156.54	171.90	183.64	168.50	170.66	140.84	150.05	1,963.93
81 Sistemas Aislados (Fuel Oil)		135.95	126.31	134.83	132.64	137.56	139.88	138.08	146.93	152.55	152.96	141.74	149.40	1,688.83
82 Sistemas Aislados (Agua)	10 ³ M ³ Agua	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
83 Diesel Oil p/Generación y Calentamiento (Otros Usos)	10 ³ Glns.	2.84	1.49	1.93	1.50	59.55	32.09	97.17	151.80	47.11	22.63	19.93	14.73	452.77
84 Residuos Vegetales														
85 Leña	Ton. Métricas	0.00	0.00	0.00	3,950.37	18,206.74	7,520.45	0.00	0.00	0.00	0.00	0.00	0.00	29,677.57
86 Bagazo de Caña		220,902.39	205,538.68	211,867.54	132,225.14	0.00	0.00	0.00	0.00	0.00	0.00	32,383.22	187,296.71	990,213.68
87 Cascarella de Arroz														
88 Rendimientos														
89 Hidroeléctricas (Públicas)	kWh / M ³	0.55	0.55	0.55	0.55	0.55	0.53	0.55	0.55	0.53	0.52	0.54	0.55	0.54
90 Hidroeléctricas (Privadas)		0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
91 Térmicas (Públicas)	kWh / Glns.	12.86	12.81	12.76	12.64	13.17	13.18	14.11	15.47	14.26	14.00	14.46	14.63	13.82
92 Térmicas (Privadas)		15.58	15.63	15.96	15.93	15.80	15.87	15.66	15.86	16.00	15.65	15.65	15.67	15.77
93 Turbinas a Gas (Pública)		13.51	13.41	12.98	13.07	9.07	12.64	12.84	13.34	0.00	8.94	8.57	9.34	11.00
94 Turbinas a Gas (Privada)		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
95 Térmicas - Diesel (Públicas)		14.46	14.39	14.37	14.40	14.25	14.17	14.23	14.33	14.27	14.17	14.21	14.29	14.28
96 Térmicas (Privadas) - Bagazo de Caña	kWh/Ton.Bag.Caña	314.16	313.74	318.02	377.78	0.00	0.00	0.00	0.00	0.00	0.00	311.18	321.21	341.17
97 Goetérmicas	kWh/Ton. Vapor	103.19	102.55	99.85	101.75	101.98	99.46	98.03	96.07	90.83	89.82	93.18	95.52	97.71
98 Goetérmica	kWh/M ³ Agua Cal.	6.06	6.16	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.07
99 Sistemas Aislados (Diesel Oil)	kWh / Glns.	11.94	12.20	12.34	12.23	12.08	12.09	12.35	12.63	12.46	11.61	12.23	12.18	12.20
100 Sistemas Aislados (Fuel Oil)		13.18	13.85	13.67	13.73	13.84	14.16	13.93	13.99	14.20	14.18	14.08	14.10	13.92
101 Sistemas Aislados (Agua)	kWh / M ³	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
102 Demanda Máxima del SIN	MW	480.70	486.00	495.40	506.30	503.90	498.80	473.90	473.80	475.90	479.40	496.20	499.80	506.30
103 Hora	h:m	19:00:00	19:00:00	19:00:00	19:00:00	19:00:00	19:00:00	19:00:00	19:00:00	19:00:00	18:00:00	18:00:00	18:00:00	19:00:00
104 Fecha	d/m/a	22-Ene-08	12-Feb-08	04-Mar-08	02-Abr-08	12-May-08	18-Jun-08	16-Jul-08	11-Ago-08	08-Sep-08	28-Oct-08	12-Nov-08	10-Dic-08	02-Abr-08
105 Demanda Mínima del SIN	MW	230.30	252.00	244.60	258.30	203.30	217.80	233.70	181.10	228.20	227.10	231.80	238.40	181.10
106 Hora	h:m	03:00:00	07:00:00	06:00:00	06:00:00	03:00:00	03:00:00	06:00:00	01:00:00	03:00:00	03:00:00	06:00:00	04:00:00	01:00:00
107 Fecha	d/m/a	02-Ene-08	03-Feb-08	22-Mar-08	06-Abr-08	30-May-08	02-Jun-08	20-Jul-08	15-Ago-08	22-Sep-08	20-Oct-08	23-Nov-08	08-Dic-08	15-Ago-08
108 Factor de Carga del SIN	%	71.69	76.15	72.43	74.40	71.42	68.36	71.94	72.41	71.74	70.07	68.72	68.41	68.56
109 Nivel Inicial de Apanás	m.s.n.m	956.14	955.72	955.20	954.23	953.10	952.63	953.09	954.59	954.16	954.09	956.28	956.13	956.14
110 Nivel Final de Apanás		955.72	955.20	954.23	953.10	952.63	953.09	954.59	954.16	954.09	956.28	956.13	955.88	955.88
111 Aporte Total de Apanás	10 ³ M ³	23,502.58	11,571.12	1,902.10	1,341.37	22,478.75	57,052.57	109,510.66	36,514.95	41,411.56	135,761.17	27,581.31	14,967.09	483,595.23

Fuente: Centro Nacional Despacho de Carga, Empresas Privadas y Públicas del SIN y Sistemas Aislados.

Las Empresas Privadas incluyen: Censa, Tipitapa, Corinto, Nicaragua Sugar Estate Limited (NSEL), Ingenio Monte Rosa, Geosa (Ptas. Nicaragua y Chinandega), Ormat, Pensa, El Bote y Puerto Cabezas Power como Generadores; como Distribuidores Disnorte, Dissur; así como los Sistemas Aislados de Aprodello y Rosita Electricidad, S.A.(RESA) (Generadores y Distribuidores).

Las Empresas Públicas incluyen Hidrogesa (Centroamérica y Santa Bárbara), Gecsa (Managua, Las Brisas y Hugo Chávez), Generadora San Rafael y Sistemas Aislados a cargo de ENEL.

Las Ventas de Energía Eléctrica del SIN incluyen: Distribuidora de Electricidad del Norte (Disnorte), Distribuidora de Electricidad del Sur (Dissur), Bluefields, Wiwili, Atder - BL y Grandes Consumidores.

Los Sistemas Aislados comprenden: las empresas a cargo de ENEL (ubicadas en la Raan, Raas, Centro); Unión Fenosa (Corozo (DN) e Isla de Ometepe (DS)); Empresa Generadora Ometepe (EGOMSA), Puerto Cabezas Power, Aprodello y Rosita Electricidad, S.A. (RESA).

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