

**RESUMEN DE LOS PRINCIPALES INDICADORES DEL SUB-SECTOR ELECTRICIDAD  
SISTEMA INTERCONECTADO NACIONAL (S.I.N.) Y SISTEMAS AISLADOS  
2001**

Concepto / Meses	Unidad de Medida	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Gran Total
<b>Generación Bruta</b>		<b>80,284.03</b>	<b>76,776.49</b>	<b>83,354.95</b>	<b>82,873.74</b>	<b>86,922.92</b>	<b>90,321.14</b>	<b>97,681.50</b>	<b>88,425.55</b>	<b>72,424.95</b>	<b>84,501.47</b>	<b>83,677.94</b>	<b>91,547.78</b>	<b>1,018,792.46</b>
Hidroeléctricas	MWh	30,160.45	34,163.10	30,004.30	15,791.20	17,036.90	12,247.30	4,744.40	3,773.00	11,872.00	14,764.50	8,706.62	13,539.68	196,803.45
Térmicas		48,230.45	40,841.41	46,955.67	52,337.82	59,678.21	74,962.43	85,484.47	74,443.96	57,593.14	66,963.90	71,433.85	73,253.62	752,178.92
Turbinas a Gas		168.00	0.00	4,526.63	12,896.42	8,268.01	1,238.41	5,573.72	8,206.84	1,093.36	1,045.80	2,695.58	3,720.91	49,433.68
Sistemas Aislados		1,725.13	1,771.98	1,868.35	1,848.31	1,939.80	1,873.00	1,878.91	2,001.75	1,866.45	1,727.27	841.90	1,033.57	20,376.40
<b>Consumo Propio</b>		<b>4,552.03</b>	<b>4,099.92</b>	<b>4,830.97</b>	<b>5,407.56</b>	<b>5,566.22</b>	<b>6,250.32</b>	<b>7,445.19</b>	<b>6,845.21</b>	<b>5,795.86</b>	<b>6,881.71</b>	<b>5,957.31</b>	<b>6,162.49</b>	<b>69,794.79</b>
Hidroeléctricas	MWh	498.33	516.42	486.16	238.47	250.01	326.01	638.11	699.42	1,143.31	1,461.98	606.18	472.97	7,337.36
Térmicas		3,958.81	3,506.44	3,961.22	4,197.97	4,654.82	5,761.99	6,312.57	5,352.63	4,476.86	5,268.75	5,052.26	5,312.06	57,816.37
Turbinas a Gas		57.10	40.90	343.45	932.12	622.75	127.45	459.91	760.35	143.76	119.84	279.30	356.77	4,243.70
Sistemas Aislados		37.79	36.16	40.14	38.99	38.65	34.88	34.61	32.80	31.93	31.15	19.58	20.69	397.36
<b>Generación Neta (Sin + Aislados)</b>		<b>75,732.00</b>	<b>72,676.57</b>	<b>78,523.98</b>	<b>77,466.19</b>	<b>81,356.69</b>	<b>84,070.82</b>	<b>90,236.31</b>	<b>81,580.35</b>	<b>66,629.09</b>	<b>77,619.75</b>	<b>77,720.63</b>	<b>85,385.29</b>	<b>948,997.67</b>
<b>Generación Neta + Compras Locales</b>		<b>194,640.37</b>	<b>175,705.47</b>	<b>200,519.97</b>	<b>197,700.54</b>	<b>203,629.21</b>	<b>187,570.68</b>	<b>193,599.05</b>	<b>197,932.24</b>	<b>183,430.83</b>	<b>197,907.74</b>	<b>190,470.01</b>	<b>200,895.61</b>	<b>2,324,001.71</b>
Hidroeléctricas	MWh	29,662.12	33,646.68	29,518.14	15,552.73	16,786.89	11,921.29	4,106.29	3,073.58	10,728.69	13,302.52	8,100.44	13,066.71	189,466.10
Térmicas		44,271.63	37,334.97	42,994.45	48,139.85	55,023.39	69,200.44	79,171.90	69,091.33	53,116.28	61,695.15	66,381.59	67,941.56	694,362.55
Turbinas a Gas		110.90	-40.90	4,183.18	11,964.30	7,645.26	1,110.96	5,113.81	7,446.49	949.60	925.96	2,416.28	3,364.14	45,189.98
Sistemas Aislados		1,687.34	1,735.81	1,828.21	1,809.31	1,901.15	1,838.12	1,844.30	1,968.95	1,834.52	1,696.12	822.32	1,012.88	19,979.04
Compras Locales (Bluefields + Pto. Cabezas Power)		1,369.51	1,182.55	1,213.37	1,298.09	1,334.71	1,278.84	1,333.39	1,418.01	1,267.11	1,481.94	2,395.19	2,449.50	18,022.20
Compras Locales (Privados - SIN)		117,538.86	101,846.35	120,782.62	118,936.26	120,937.81	102,221.02	102,029.35	114,933.88	115,534.63	118,806.05	110,354.91	113,060.82	1,356,981.84
<b>Oferta Disponible (SIN) 1/</b>	MWh	<b>192,903.22</b>	<b>176,168.41</b>	<b>201,819.69</b>	<b>197,345.23</b>	<b>203,053.35</b>	<b>184,278.72</b>	<b>191,131.65</b>	<b>194,746.18</b>	<b>180,286.70</b>	<b>194,776.99</b>	<b>187,602.10</b>	<b>199,177.23</b>	<b>2,303,289.47</b>
<b>Oferta Disponible (Sistemas Aislados)</b>		<b>3,056.85</b>	<b>2,918.36</b>	<b>3,041.58</b>	<b>3,107.40</b>	<b>3,235.86</b>	<b>3,116.96</b>	<b>3,177.69</b>	<b>3,386.96</b>	<b>3,101.63</b>	<b>3,178.05</b>	<b>3,217.50</b>	<b>3,462.38</b>	<b>38,001.24</b>
Intercambio con Centroamérica		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
Neto Interconexión		-25.30	27.05	77.80	-34.05	134.30	-175.00	5.30	5.90	-42.50	47.30	-10.40	4.00	14.40
Importaciones de Energía	MWh	1,345.00	3,354.25	4,263.50	2,786.15	2,525.70	0.00	705.00	195.00	0.00	0.00	360.00	1,740.00	17,274.60
Pérdida de Línea Empresa Energética Corinto		879.90	839.67	955.55	919.61	543.97	632.68	422.32	906.54	1,060.51	833.25	1,006.92	1,578.62	10,579.54
Pérdidas de Transmisión y Distribución (SIN)		66,512.79	49,783.88	80,249.77	60,457.96	70,298.41	52,870.20	66,649.41	68,293.71	50,795.31	76,913.12	60,784.41	35,077.40	738,686.36
Pérdidas de Transmisión y Distribución (Sist. Aisl.)		970.00	821.96	732.37	805.87	959.96	810.90	753.16	1,067.05	627.18	854.66	808.59	1,122.98	10,334.68
Pérdidas de Transmisión y Distribución (SIN)	%	34.48	28.26	39.76	30.64	34.62	28.69	34.87	35.07	28.17	39.49	32.40	17.61	32.07
Pérdidas de Transmisión y Distribución (Sist. Aisl.)	%	31.73	28.17	24.08	25.93	29.67	26.02	23.70	31.50	20.22	26.89	25.13	32.43	27.20
<b>Ventas de Energía Eléctrica</b>		<b>127,597.39</b>	<b>127,641.26</b>	<b>122,923.59</b>	<b>138,269.20</b>	<b>134,486.88</b>	<b>133,081.90</b>	<b>126,484.46</b>	<b>127,865.83</b>	<b>130,905.33</b>	<b>119,354.01</b>	<b>128,219.69</b>	<b>164,860.60</b>	<b>1,581,690.13</b>
S.I.N.	MWh	125,510.53	125,544.86	120,614.37	135,967.66	132,210.98	130,775.84	124,059.92	125,545.93	128,430.88	117,030.62	125,810.78	162,521.20	1,554,023.57
Bluefields (Interconectado al SIN)		948.11	741.66	995.19	894.98	941.57	943.92	1,040.53	991.34	1,072.87	1,095.75	1,077.54	971.84	11,715.31
Sistemas Aislados		1,138.75	1,354.74	1,314.03	1,406.55	1,334.33	1,362.14	1,384.00	1,328.57	1,401.57	1,227.64	1,331.37	1,367.56	15,951.25
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	0.00	0.00
<b>Clientes</b>		<b>451,001</b>	<b>451,556</b>	<b>452,833</b>	<b>456,621</b>	<b>458,454</b>	<b>459,998</b>	<b>462,145</b>	<b>464,446</b>	<b>466,374</b>	<b>468,335</b>	<b>470,143</b>	<b>473,336</b>	<b>473,336</b>
S.I.N.	Usuarios	433,985	434,374	435,283	439,183	440,941	441,748	443,637	445,906	447,788	449,415	450,974	454,082	454,082
Sistemas Aislados		17,016	17,182	17,550	17,438	17,513	18,250	18,508	18,540	18,586	18,920	19,169	19,254	19,254
<b>Precio Promedio</b>		CS / KWh	<b>1.4025</b>	<b>1.4188</b>	<b>1.4362</b>	<b>1.4360</b>	<b>1.4650</b>	<b>1.4719</b>	<b>1.4771</b>	<b>1.4826</b>	<b>1.4948</b>	<b>1.5156</b>	<b>1.5086</b>	<b>1.4887</b>
S.I.N.		1.3937	1.4071	1.4291	1.4296	1.4583	1.4673	1.4721	1.4780	1.4905	1.5110	1.5038	1.4850	1.4607
Sistemas Aislados		1.9276	2.1159	1.8085	1.8167	1.8546	1.7310	1.7307	1.7325	1.7157	1.7468	1.7601	1.7504	1.8030
<b>Ingresos por Ventas</b>		<b>178,952.65</b>	<b>181,095.18</b>	<b>176,541.54</b>	<b>198,555.98</b>	<b>197,025.01</b>	<b>195,885.08</b>	<b>186,830.67</b>	<b>189,572.96</b>	<b>195,670.89</b>	<b>180,896.00</b>	<b>193,429.95</b>	<b>245,436.08</b>	<b>2,319,891.99</b>
S.I.N.	10 <sup>6</sup> de CS	174,930.08	176,659.45	172,365.41	194,374.77	192,804.07	191,893.26	182,634.42	185,553.75	191,425.42	176,837.61	189,189.98	241,341.29	2,270,009.52
Sistemas Aislados		4,022.56	4,435.73	4,176.13	4,181.22	4,220.94	3,991.81	4,196.25	4,019.22	4,245.46	4,058.39	4,239.97	4,094.78	49,882.47
<b>Consumo Combustible</b>														
Hidroeléctricas	10 <sup>3</sup> M <sup>3</sup>	54,097.73	61,750.37	54,327.68	27,862.69	31,402.95	22,844.30	8,179.11	6,263.18	21,542.21	24,708.40	14,249.22	23,670.48	350,898.32
Termoeléctricas														
Fuel Oil (Privadas)	10 <sup>3</sup> Gins.	5,796.85	4,926.43	6,053.24	5,933.32	6,480.04	5,401.36	5,398.95	6,190.55	6,250.36	6,281.52	5,860.85	5,813.01	70,386.49
Fuel Oil (Públicas)		3,663.04	3,140.79	3,558.15	3,865.22	4,484.09	5,770.01	6,519.41	5,677.92	4,369.80	5,080.18	5,446.13	5,566.94	57,141.66
Fuel Oil para Calentamiento		3.27	0.00	7.61	15.97	0.00	0.00	3.11	0.00	0.00	0.00	0.00	0.00	29.96
Diesel Oil p/Generación y Calentamiento		8.97	3.74	3.59	2.51	12.17	21.16	3.08	3.67	4.49	11.69	5.23	0.00	80.31
Diesel Oil para Turbinas a Gas		19.62	0.00	387.43	1,065.08	672.81	101.50	450.08	624.66	87.25	81.57	202.07	290.93	3,982.99
Geotérmica	10 <sup>3</sup> Ton. Vapor	156.09	158.90	171.87	183.70	177.12	168.26	155.59	162.54	162.08	182.18	172.62	204.59	2,055.55
<b>Residuos Vegetales</b>														
Bagazo de Caña		34,119.00	30,524.00	30,503.00	30,854.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	21,322.00	147,362.00
<b>Sistemas Aislados (Diesel Oil)</b>	10 <sup>3</sup> Gins.	151.72	153.04	162.96	161.17	163.96	160.90	165.26	171.10	164.56	159.45	78.80	93.60	1,786.52
<b>Rendimientos</b>														
Hidroeléctricas	KWh / M <sup>3</sup>	0.56	0.55	0.55	0.57	0.54	0.54	0.58	0.60	0.55	0.60	0.61	0.57	0.56
Termoeléctricas														
Fuel Oil (Públicas)	KWh / Gins.	13.17	13.00	13.20	13.54	13.31	12.99	13.11	13.11	13.18	13.18	13.12	13.16	13.16
Diesel Oil	KWh / Gins.	8.56	-	11.68	12.11	12.29	12.20	12.38	13.14	12.53	12.82	13.34	12.79	12.41
Sistemas Aislados (Diesel Oil)	KWh / Gins.	11.37	11.58	11.47	11.47	11.83	11.64	11.37	11.70	11.34	10.83	10.68	11.04	11.41
<b>Demanda Máxima del SIN</b>	MW	383.60	386.90	395.80	405.80	407.90	381.10	381.80	393.10	381.40	385.90	397.50	411.60	411