

Anexo I Cuadros de Energía Suministrada por Municipio y por cada empresa distribuidora año 2018.

**CUADRO 66: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR CAESS DURANTE EL AÑO 2018**

MUNICIPIO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
MUN AGUA CALIENTE	301805.02	304007.09	335857.05	360214.32	337252.67	322250.39	322574.6	331945.01	312617.33	312510.16	320273.22	334114.97	3,895,422
MUN AGUILARES	1376242.97	1407648.32	1509504.05	1549614.14	1510682.26	1469489.05	1441073.03	1419153.15	1394158.15	1383898.95	1402631.65	1431502.21	17,295,598
MUN ANTIQUO CUCATLAN	2944909.75	2986876.43	3136959.01	3122344.86	3189524.39	3216807.34	3245591.47	3247709.33	3083255.14	3078243.02	3105027.68	3001718.53	37,338,869
MUN APOPA	14225701.08	8694088.68	8138066.86	8799062.07	8920117.49	8885101.85	8714274.24	8529983.9	8656699.67	8216870.57	8549107.57	8092016.17	108,421,090
MUN ARCATAO	61405.95	64086.6	68560.89	70755.95	69059	67017.44	65217.23	67621.27	67146.4	61891.07	62441.68	60778.57	785,836
MUN AYUTLATEPEQUE	1273682.54	1366975.33	1399828	1436082.55	1428885.42	1387512.95	1552703.41	1348696.77	1434875.83	1355866.65	140070.39	129434.33	16,673,362
MUN AZACUALPA	64238.15	66040.31	76140.58	74727.92	69318.82	66380.36	65451.4	66592.91	62722.32	60277.01	60373.58	63972.42	795,236
MUN CHALATENANGO	1759530.09	1794359.2	2011526.49	2072160.89	2043972.44	2042659.9	1995484.3	2014173.6	1948130.43	1951176.05	1952594.58	2006575.34	23,591,413
MUN CINGUERA	43812.93	42730.57	48167.81	49927.84	49250	48273.76	47486.7	49087.81	46174.48	46058.47	47098.55	46112.03	564,181
MUN CITLA	143097.61	146689.88	161269.29	163976.33	170198.5	161284.27	159628.36	160242.43	160831.14	153397.37	152601.83	150392.21	1,882,609
MUN COAJUTEPEQUE	2057002.95	2074854.08	2143087.02	2210702.22	2228752.13	2214156.15	2229198.23	2257394.86	2239202.92	2171976.15	2159962.69	2137425.53	26,123,695
MUN COMALAPA	106206.48	104436.03	113220.79	117657.15	117632.54	112266.15	107540.7	114054.11	107010.65	108757.45	114672.9	108830.04	1,332,295
MUN CONCEPCION QUEZALTEPEQUE	192588.53	186592.46	212389.43	214482.42	206835.92	207864.73	199305.54	207355.53	201288.69	196796.03	202135.04	203901.5	2,431,496
MUN CUCATANCINGO	2119591.93	2228557.98	2287140.54	2341362.13	2268158.09	2282472.51	2361006.54	2297617.43	2148476.97	2148033.14	2161331.32	1986679.63	26,628,428
MUN DELGADO	4331533.88	4490010.36	4773007.75	4802509.89	4855419.23	4942508.84	4741762.84	4620883.53	4721873.81	4641775.72	4560785.06	4595681.05	56,077,752
MUN DOLORES	188484.09	201375.75	216883.4	228790.94	212489.06	206940.15	205272.67	206635.65	198012.96	190402.71	190612.04	189839.37	2,435,739
MUN DULCE NOMBRE DE MARIA	172912.23	171205.7	187502.31	195191.8	191316.39	189645.04	182227.36	181847.91	182115.32	179654.36	181784.97	186629.77	2,202,033
MUN EL CARMEN CAE	381509.71	377438.23	368938.15	383459.43	375059.71	371757.2	372167.8	374235.58	369748.9	358819.52	360254.6	378128.15	4,471,517
MUN EL CARRIZAL	56518.22	56766.52	57977.71	63190.2	59548.61	55525.63	58590.84	59096.96	56022.1	58071.54	56260.84	58040	693,608
MUN EL PAISNAL	793066.28	835083.7	865197.98	877980.18	965771.54	1040127.43	992738.54	1038731.5	974473.15	967277.13	965420.58	879343.44	11,196,212
MUN EL PAISALO	440984.05	440935.25	452127.13	503491.54	463764.59	464004.76	476842.89	476044.11	458555.81	461641.65	469825.03	470090.75	5,578,308
MUN EL ROSARIO	90429.81	93680.39	94216.65	96579.31	89041.75	96422.2	98629.78	97766.65	89029.22	96880.05	103287.92	94851.89	1,136,816
MUN GUACOTECHI	182908.75	177784.43	196045.77	189821.07	192938.17	181480.25	174510.89	178013.12	181346.29	178227.15	179278.47	179328.35	2,191,683
MUN GUAJARA	1261442.48	1262411.51	1330796.98	1402935.89	1384439.9	1400030.19	1319880.61	1340528.8	1379179.93	1356085.86	1251460.28	1395605.23	16,084,778
MUN ILOIASCO	2483908.74	2257094.38	2550907.07	2609002.37	2503796.43	2518842.65	2491790.28	2513029.87	2560686.09	2480913.35	2426872.6	2480994.2	29,877,838
MUN ILOPANGO	17448917.94	18526538.81	19051903.9	18715716.23	19418791.61	19875477.87	20164751.01	19474817.62	19358806.39	19017840.25	18316723.5	16174418.93	225,539,704
MUN JIYAPA	145454.09	147726.91	157006.21	161108.16	156095.02	151364.13	151776.37	153654.86	147076.7	143794.12	148965.26	147114.42	1,809,136
MUN LA LAGUNA	98596.75	96771.01	100202.66	102392.01	106060.66	99342.91	99051.01	107233.85	97821.43	97731.39	101609.44	100890.97	1,205,714
MUN LA PALMA	379957.94	369245.24	381487.68	395196.31	393468.07	391434.76	395049.53	401581.96	389637.8	385144.33	384631.4	379027.31	4,640,462
MUN LA REINA	253803.38	257533.92	275564.61	292586.62	284264.05	271168.91	261609.37	264202.28	264683.9	253008.06	260316.01	263721.33	3,202,462
MUN LAS VUELTA5	35710.81	36865.02	38100.62	38815.16	38859.98	36715.18	37251.54	38125.77	36794.7	36167.72	36854.45	34707.84	446,969
MUN MEXICANDOS	7520991.17	7861286.27	8173229.07	8244284.6	8283986.62	8113988.51	8311254.15	8352632.06	8223881.81	7848333.28	7903033.82	7669744.09	96,506,645
MUN MONTE SAN JUAN	192150.28	197477.13	202430.51	206694.08	178580.67	180046.4	190206.85	192238.42	192880.91	185823.12	191858.26	192644.3	2,303,031
MUN NEJAPA	2423632.99	2597245.04	2734413.85	2738870.47	2821417.75	2639879.73	2748009.76	2734884.17	2607668.16	2669148.62	2809849.82	2688668.51	32,224,189
MUN NOMBRE DE JESUS	101509.01	109821	111830.31	119837.41	113634.85	108043.28	114791.08	107291.18	107291.18	104179.38	109190.07	109513.17	1,326,681
MUN NUEVA CONCEPCION	1192023.8	1178128.18	1289272.8	1341997.01	1303017.74	1301368.29	1252317.41	1253830.56	1221731.56	1192840.96	1209455.51	1238961.11	14,971,945
MUN NUEVA TRINIDAD	34689.98	37454.91	39348.73	40642.07	38321.25	37742.36	37181.85	36829.15	35212.83	38068.37	38660.9	37150.51	451,283
MUN OJOS DE AGUA	74005.15	79546.5	81806.15	84152.31	83843.98	77173.28	80210.22	80678.33	82434.72	80511.91	82418.78	74376.96	961,564
MUN ORATDRO DE CONCEPCION	115742.93	117849.21	124558	126036.98	118888.03	122387.78	118945.19	116437.48	116997.81	119543.2	120732.08	122784.26	1,440,843
MUN POTONICO	55970.77	60869.38	68175.96	68406.88	60520.54	60194.19	60679.67	59697.62	56260.74	58883.6	57321.04	52826.67	719,807
MUN QUEZALTEPEQUE	294.12	295.43	311.75	394.23	334.09	305.04	295.01	290.03	241.05	268.95	244.21	236.1	3,441
SUB TOTAL	67,122,945	63,503,785	65,570,011	66,605,057	67,288,519	67,419,847	67,637,767	66,577,846	65,968,183	64,448,149	64,207,510	61,110,072	787,459,690

Fuente: Empresas Distribuidoras.

CUADRO 66: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR CAESS DURANTE EL AÑO 2018

MUNICIPIO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
MUN. SAN ANTONIO DE LA CRUZ	49340.68	44311.33	51560.31	55422.1	51101.12	49105.49	48690.01	140845.29	-53772	47216.57	45703.62	46678.86	576,203
MUN. SAN ANTONIO LOS RANCHOS	34608.34	36830.32	39630.51	39775.78	41501.44	37818.46	37425.05	39458.17	39609.75	36609.62	34908.44	36068.15	454,254
MUN. SAN BARTOLOME PERULAPAN	263268.77	265178.75	260385.85	288973.25	281124.22	266800.7	269572.13	255351.29	268927.95	267942.28	280397.58	266237.94	3,231,161
MUN. SAN FERNANDO CAE	34240.05	33748.11	34105.98	36281.17	36378.83	36942.39	36837.11	36948.61	36757.45	36831.54	36419.53	37134.52	433,625
MUN. SAN FRANCISCO LEMPA	43121.08	42796.23	47235.1	53213.36	50144.46	48681.55	49579.09	48572.17	47396.75	47319.96	49816.3	48091.39	575,967
MUN. SAN FRANCISCO MORAZAN CAE	55399.38	54161.87	54720.18	59338.61	57105.19	55940.9	55833.04	54954.61	53880.6	56087.75	56186.03	56164.86	669,674
MUN. SAN IGNACIO	245400.31	246325.7	262474.75	276398	275167.37	262198.16	263695.43	268257	263098.52	253235.9	251603.44	251647.64	3,119,502
MUN. SAN ILDEFONSO	147525.78	155767.94	157998.85	157306.85	157568.01	148387.36	152643.62	155236.98	148169.87	139679.29	142754.8	145616.19	1,809,656
MUN. SAN ISIDRO	218225.65	216690.54	226252.54	234084	232798.28	225184.8	223798.86	230037.1	218473.6	220330.69	224192.18	220188.59	2,491,257
MUN. SAN ISIDRO LABRADOR	15240.19	15784.84	17470.99	16805.68	16848.95	16499.15	15685.08	16030.04	15664.87	15319.68	17232.03	17444.57	197,026
MUN. SAN JOSE CANCASQUE	46442.3	53635.67	57031.33	55897.03	51268.23	48871.42	54287.77	52928.51	49546.04	52881.38	52031.56	48001.13	622,922
MUN. SAN JOSE QUAYASAL	258459.14	263148.65	279764.84	289954.45	280192.57	271825.42	267908.67	274847.94	274611.11	263547.82	257558.28	260827.76	3,242,647
MUN. SAN JOSE LAS FLORES	48410.1	50121.26	51502.9	57541.54	51481.21	51068.51	52117.06	49922.73	48823.7	48586.37	50636.71	48952.14	608,174
MUN. SAN LUIS EL CARMEN	46466.12	46090.68	48507.46	51648.73	49181.06	46817.58	47730.07	46584.7	46094.68	41680.71	44297.8	46468.93	560,569
MUN. SAN MARCOS	28727.87	32543.6	35183.15	33009.91	36058.37	36623.44	30328.28	34695.65	36539.32	32989.71	32819.65	31879.87	401,399
MUN. SAN MARTIN	2504567.41	2548123.13	2679088.19	2728469.1	2750044.98	2703007.75	2711956.54	2726904.01	2686074	2604351.77	2598383.23	2570163.46	31,810,134
MUN. SAN MIGUEL DE MERCEDES	74126.71	74727.95	78555.85	77609.54	76790.41	74207.39	73997.6	73238.56	74890.24	71513.61	70654.77	70848.99	891,162
MUN. SAN PEDRO PERULAPAN	1219770.07	1239684.97	1278834.66	1352276.76	1304758.8	1273171.89	1235850.9	1266784.51	1246477.81	1209780.47	1247053.91	1225101.14	15,098,525
MUN. SAN RAFAEL	186549.92	176984.7	205198.24	212487.21	199090.1	190476.33	183211.87	211977.54	208231.58	202397.6	199084.88	196211.62	2,372,902
MUN. SAN RAFAEL CEDROS	444278.22	432778.35	454407.8	460158.32	467340.01	444958.28	443791.01	461970.04	446849.62	428789.37	445341.31	456460.12	5,387,222
MUN. SAN SALVADOR	65637662.76	70383426.36	74969044.8	73949399.17	76846670.28	75525257.67	76789834.53	75883055.9	74664559	73233464.33	73439494.37	73332234.64	884,553,094
MUN. SAN SEBASTIAN	61262.47	60103.81	60471.33	61047.34	60508	59725.46	59908.31	58522.34	59592.8	57299.44	59376.14	58300.87	714,118
MUN. SANTA CRUZ MICHAPA	310994.77	291963.91	315883.34	338646.65	328651.11	330118.64	307092.72	338370.12	321635.07	310478.65	329302.07	305038.51	3,828,176
MUN. SANTA RITA	184893.04	182494.99	196071.69	206031.43	202497.57	192558.85	192429.18	195600.31	183047.02	186196.46	191490.54	187217.74	2,299,529
MUN. SANTIAGO TEXACUANGOS	713739.86	753026.33	791175.05	758669.76	732656.16	726942.81	717767.49	657608.16	657767.18	633786.47	678682.27	708329.73	8,530,351
MUN. SANTO TOMAS	6371.63	6298.9	6146.85	6448.69	6313.67	6317.76	6234.12	6586.77	6878.54	6414.73	6268.36	5896.44	76,146
MUN. SENSUNTEPEQUE	1660105.57	1616263.58	1741505.62	1743820.05	1657686.96	1655750.6	1668983.01	1633406.39	1669858.99	1655947.77	1677950.64	1685139.51	20,068,419
MUN. SOYAPANGO	21710765.21	22713697.8	23283154.18	22824841	23441489.25	23201106.28	23690818.87	23485038.73	23291912.72	22762472.14	22855388.49	22361679.9	275,622,365
MUN. SUCHITOTO	797603.72	821596.66	882122.76	923829.47	874050.16	875573.57	863128.87	883904.31	876259.53	873912.56	886025.09	886006.03	10,444,013
MUN. TELATEPEQUE	233382.65	246319.97	249923.21	210014.62	215787.41	237318.13	240537.96	237481.27	236570.02	227589.77	235817.35	220431.16	2,790,174
MUN. TELAJTLA	750711.49	762653.52	854334.38	914769.38	872201.8	858005.89	834706.16	856685.82	796505.52	781863	862727.99	805798.16	9,950,953
MUN. TENANQUINGO	157142.89	151948.66	161228.24	168813.24	158578.4	157835.14	155320.28	156513.12	152745.12	159776.58	161778.36	160103.32	1,901,813
MUN. TONACA TEPEQUE	2182549.44	2269603.8	2349500.97	2361700.64	2349956.29	2305879.95	2297614.96	2270733.14	2251043.45	2153126.72	2180775.1	2122385.66	27,094,871
MUN. VICTORIA	277881.61	271719.08	276501.28	287067.08	270287.04	271706.99	274121.36	266611.02	265685.75	281060.63	288916.74	273641.97	3,305,201
TOTAL	100,650,235	106,560,552	112,455,973	111,291,650	114,482,289	112,695,785	114,353,457	113,374,853	111,482,506	109,401,451	109,993,071	109,193,382	1,325,935,203
TOTAL CAESS	167,773,181	170,064,337	178,025,984	177,896,707	181,770,807	180,115,631	181,991,223	179,952,699	177,450,690	173,849,600	174,200,580	170,303,454	2,113,394,893

Fuente: Empresas Distribuidoras.

CUADRO 67: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR DELSUR DURANTE EL AÑO 2018

MUNICIPIO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
ANTIQUO CUSCATLAN	218241.37.55	24308976.81	25501395.89	24059457.83	24668590.86	25055897.21	25057823.74	23481779.55	25590460.1	24370554.35	24349971.09	24494064.87	292,963,110
APASTEPEQUE	657382.06	672514.018	695140.0285	689078.517	736712.352	679750.572	687313.4765	700557.1235	664139.061	648693.2005	674122.641	656695.9675	8,161,479
APOPA	63814.61	74480.56	77040.11	67516.02	75567.39	66890.01	65429.72	64428.71	70589.62	67661.47	82709.65	87716.393	863,814
CANDELAJA	219598.63	206429.89	209454.16	229491.11	218865.05	218048.78	220753.4	220722.77	217354.34	221745.76	215775.78	224254.56	2,622,492
CHILITUPAN	309862.56	315486.896	322868.4535	346847.818	317817.2035	304519.802	320342.3425	339793.981	307095.6645	282928.719	299086.298	305598.7805	3,772,249
CIUDAD ARCE	3223785.4	3770180.4	4100850.4	3491277.4	4049149.6	4384337.6	4334776.6	3299958.6	4515369.6	3760235.6	3397516.6	3095750.6	45,423,188
COJUTEPEQUE	65635.8	60941.11	93249.65	70995.42	81827.54	79373.33	73488.73	87146.77	87729.25	62953.69	76889.47	92508.2	932,689
COLON	4630176.96	5677700.618	6085014.541	5535746.908	5893441.276	6186429.023	6044654.641	6139765.475	6382981.65	6048127.77	5943084.226	5769740.13	70,356,863
COMASAGUA	259904.68	288623.92	289204.491	266534.2275	276163.438	284442.096	284397.178	264437.8495	280056.8785	270216.172	278101.216	271051.989	3,313,134
CUYULITLAN	172982.28	174663.97	175136.52	181821.58	178119.3	180898.45	175352.9	180113.94	179737.1	179184.91	176461.24	177350.562	2,130,003
EL PAISNAL	1639	1777	1873	1887	1785	1827	1743	1719	1719	1625	1799	1705	21,092
EL ROSARIO DE LA PAZ	2059139.75	2580141.544	2683112.639	2470024.144	2581561.111	2690513.1	2715744.046	2500257.017	2708124.912	2733997.226	2728751.939	2627894.867	31,086,262
GUADALUPE	193998.13	206677.6925	200467.2345	206939.3225	197101.431	194544.6495	203432.172	201618.219	202539.728	193518.6175	202072.4745	189276.4575	2,395,186
HUIZUCAR	302452.92	297558.4965	296911.3905	29635.1665	295065.085	300008.5745	283770.47	277757.495	278578.9905	279547.296	290108.6585	290075.0005	3,487,870
ILOPANGO	486475.26	451275.3255	486516.3195	483731.5755	486475.8165	472896.4045	488957.2965	474899.139	472570.644	466797.1205	454777.111	470466.8495	5,695,637
JAYAQUE	1286467.31	1427594.541	1508343.783	1357412.822	1417983.844	1448550.297	1375675.387	1437401.421	1448909.192	1382388.58	1577641.662	1495791.64	17,163,280
JERUSALEN	51511.64	53021.2495	52054.676	54919.7495	51863.707	51708.425	54527.0065	52308.7115	51712.216	52042.2135	52418.91	50880.113	628,969
JICALAPA	161891.61	163546.132	163776.3385	170412.908	167800.5115	169181.1285	169162.9655	155160.3245	161301.4375	158380.1745	153837.715	151368.6345	1,947,820
MERCEDES LA CEIBA	18307.6	19597.4	19277.6	18363.6	18363.6	19077.6	17998.6	17998.6	17960.6	17400.6	18076.6	18076.6	222,047
NEJAPA	536336.48	581133.8615	627829.1805	584416.9935	571345.2845	567899.57	588528.5265	571243.3015	570408.3445	569783.113	575945.54	533445.743	6,878,316
NUEVA CONCEPCION	408030	475141.8	487930.8	423742.2	106575	71009.4	211932	62848.8	8526	16564.8	92880.8	191104.2	2,555,486
NUEVO CUSCATLAN	1454128.57	1571394.695	1579425.861	1583314.88	1633136.879	1644931.198	1650892.664	1629008.531	1666255.225	1611892.683	1597927.123	1643889.075	19,266,197
OLOCUILTA	2211852.78	2766238.305	2744456.73	2848061.232	2822338.265	2950325.451	2749966.078	2626643.062	2770245.934	2805097.045	2552511.887	2354698.849	32,202,436
PANCHIMALCO	1125796.938	1110376.207	1077816.996	1103754.496	1081177.702	1092153.131	1096052.094	1082592.572	1114317.699	1115672.249	1114862.263	1115414.173	13,229,987
PARAISO DE OSORIO	167403.71	175963.377	173245.906	187538.039	177811.313	182118.736	184173.3205	181779.9465	167919.499	188311.3775	196597.3075	168016.303	2,148,879
PUERTO LA LIBERTAD	2766601.75	2668140.396	2728185.55	3035934.222	2858179.755	2841581.448	2850671.186	2926136.392	2768118.965	2722266.049	2884365.876	2738342.112	33,588,524
QUEZALTEPEQUE	8223270.05	7488116.012	9333932.899	8842587.371	8232051.046	9372999.324	9930342.062	8738507.35	9044611.791	7672555.119	8249904.978	8148243.144	103,277,322
ROSARIO DE MORA	199829.34	197442.6355	192277.01	202889.8445	200480.867	200342.9335	209858.28	200724.827	202114.0095	204134.291	204442.3485	203694.8515	2,418,331
SACACUOYO	614225.94	707402.4385	793330.8045	704667.881	709176.143	796097.0545	728613.9075	755848.82	768631.6025	741013	622384.2985	606704.2115	8,548,096
SAN ANTONIO MASAHUA	87584.7485	92194.361	93629.544	92278.352	92052.7415	91002.922	90543.149	89204.5265	90028.2525	87976.0945	89164.243	88433.88	1,084,093
SAN CRISTOBAL	158360.11	158658.978	156664.7045	162118.25	153887.6425	157563.956	153054.7205	151113.977	151717.0125	154545.827	156132.064	154667.946	1,868,485
SAN EMODIO	66688.08	66859.0585	70924.34	75603.51	72638.24	75494.31	74138.939	74238.59	69647.287	76880.86	73783.4745	66952.231	863,049
SAN ESTEBAN CATARINA	193594.75	201838.015	201541.245	207064.827	195689.665	204534.5	205897.36	199812.619	197580.415	199822.2595	193347.775	188050.84	2,388,774
SAN FCO CHINAMECA	119771.456	115443.2755	120574	123707.3925	118071.51	113394.536	121202.0805	119915.827	118451.4975	121661.493	122535.7755	122553.902	1,437,483
SAN ILDEFONSO	34893.2	36372.2	36209.2	37177.2	36713.2	36387.2	35793.2	35977.2	35218.2	34383.2	35786.2	34512.2	429,422
SAN JOSE VILLANUEVA	807569.41	833112.95	832557.5508	813016.3	815231.44	794411.81	828837.59	827885.75	767043.17	741776.04	787704.8735	802091.1255	9,651,238
SAN JUAN NONUALCO	425025.3	454136.189	449750.273	478229.999	458275.645	437021.4205	475077.706	442091.1805	434607.467	425381.5335	434466.401	407125.5345	5,321,189
SAN JUAN OPICO	2944221.09	3096460.971	4065451.647	5132044.249	3488514.083	2684883.663	2903845.428	2945842.108	3389954.379	2972714.666	2911302.651	2945514.064	39,489,749
SAN JUAN TALPA	584893.11	649132.839	638057.1785	675498.2085	683965.596	659178.102	662349.1395	662622.9135	655277.8825	640048.0065	648117.7385	622897.768	7,801,538
SAN JUAN TEPEZONTES	66931.2	71991.4	73980.2	69977.4	70560.4	71225.1	73987.3	70961.3	71369.3	73699.5	72099.3	70809.9	857,593
SAN LORENZO	189945.16	200298.71	193049.506	202120.42	181841.76	183125.66	191316.4	187168.23	180358.76	182026.8	177391.67	176184.275	2,244,827
SUB TOTAL	59,395,817	64,669,806	69,650,528	67,585,632	66,474,166	68,815,865	68,591,446	64,488,373	68,879,812	64,564,516	64,569,049	63,853,368	790,738,178

Fuente: Empresas Distribuidoras.

CUADRO 67: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR DELSUR DURANTE EL AÑO 2018

MUNICIPIO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
SAN LUIS TALPA	3,856,940	4,229,925	4,255,969	4,308,173	4,415,134	4,383,689	4,470,714	4,303,042	4,243,904	4,207,814	4,218,877	3,956,561	50,850,643
SAN MARCOS	4,603,928	4,927,242	4,962,541	4,832,283	4,354,786	4,966,864	4,958,650	4,741,046	4,844,592	4,835,536	4,632,189	4,901,069	57,950,725
SAN MARTIN	629,250	609,801	669,536	655,589	678,931	623,198	651,663	680,140	628,800	624,874	635,022	632,074	7,718,678
SAN MATEAS	205,788	222,265	229,523	236,548	227,051	219,502	227,078	228,128	223,572	219,186	217,431	212,865	2,668,717
SAN PABLO TACACHICO	680,195	714,760	769,708	757,641	752,330	732,298	731,459	736,588	727,431	723,987	731,750	701,397	8,759,542
SAN PEDRO MASAHUAT	1,331,923	1,404,558	1,440,868	1,598,580	1,438,939	1,404,836	1,432,801	1,462,194	1,349,159	1,310,532	1,307,791	1,336,990	16,819,171
SAN PEDRO NONUALCO	245,509	225,777	245,182	254,451	236,960	225,116	247,783	204,644	243,765	238,633	240,810	232,726	2,841,336
SAN RAFAEL CEDROS	28,811	28,555	27,909	30,266	30,919	30,349	28,680	29,829	29,613	29,757	29,397	29,047	352,234
SAN RAFAEL OBRAJUELA	407,527	441,465	429,720	443,044	453,100	428,887	456,637	462,004	426,574	406,794	441,898	419,742	5,217,393
SAN RAMON	1,465,793	1,370,833	1,394,790	1,453,184	1,392,621	1,444,120	1,476,965	1,389,375	1,363,841	1,361,996	1,395,673	1,276,568	16,785,760
SAN SALVADOR	8,041,297	8,035,440	8,457,378	8,508,466	8,386,265	8,513,652	8,771,711	8,630,166	8,809,864	8,445,020	8,387,323	8,626,110	101,612,693
SAN SEBASTIAN	325,232	344,583	333,864	351,066	346,912	348,949	342,050	353,169	338,918	342,610	334,499	330,798	4,092,648
SAN VICENTE	2,634,530	2,861,962	2,894,832	2,894,832	2,894,832	2,894,832	2,894,832	2,894,832	2,894,832	2,894,832	2,894,832	2,894,832	33,732,746
SANTA CLARA	116,162	123,872	121,132	126,840	124,943	124,965	126,866	122,109	116,843	113,423	117,389	114,871	1,449,414
SANTA CRUZ ANALQUIT	51,139	49,979	53,387	54,044	54,632	55,556	53,603	54,677	54,948	55,574	54,715	53,507	648,760
SANTA MARIA OSTUMA	188,614	188,377	215,506	246,621	246,878	234,775	250,094	245,578	222,246	248,638	255,926	226,341	2,769,592
SANTA TECLA	17,100,949	18,594,397	18,849,770	17,728,788	18,964,713	19,101,438	18,640,950	18,998,714	19,332,839	17,818,935	18,269,199	18,250,995	221,651,706
SANTIAGO NONUALCO	948,759	992,130	1,003,194	1,030,383	1,032,485	1,009,933	1,040,706	1,031,010	1,010,537	954,181	976,086	966,971	11,976,574
SANTIAGO TEXACUANGO	899,913	874,724	902,340	900,988	853,785	893,884	840,433	811,114	814,785	771,290	836,970	841,419	10,241,645
SANTO DOMINGO	372,964	399,289	374,887	411,822	416,880	403,914	426,494	422,883	413,888	426,829	396,235	386,940	4,853,005
SANTO TOMAS	1,165,102	1,223,724	1,183,761	1,183,545	1,189,980	1,209,774	1,225,369	1,178,855	1,254,995	1,221,608	1,198,278	1,266,129	14,503,121
SN LUIS LA HERRADURA	1,471,752	1,350,455	1,379,177	1,679,092	1,401,774	1,432,879	1,465,546	1,610,052	1,421,151	1,292,765	1,356,108	1,331,271	17,192,022
SN MIGUEL TEPEZONTES	105,678	110,821	114,089	108,152	108,807	110,175	113,185	107,613	107,595	115,548	111,883	108,962	1,322,504
SNCA YETANO ISTEPEQUE	138,384	146,152	143,589	145,534	148,211	144,948	148,717	151,681	142,931	144,160	149,372	136,888	1,739,947
SONSONATE	475,200	563,440	521,040	554,400	458,400	486,480	583,440	616,560	518,880	450,000	543,600	477,120	6,250,560
SOYAPANOO	14,835	15,063	16,808	15,379	14,592	15,063	16,110	14,056	15,266	14,843	13,877	14,462	180,333
STA. ISABEL ISHUATAN	4,341	4,661	4,654	4,298	4,098	3,751	3,412	3,060	2,756	2,674	2,749	2,737	43,191
TALNIQUE	325,658	278,212	258,589	250,203	236,365	255,921	236,279	237,164	225,292	235,190	310,006	373,863	3,262,742
TAMANIQUE	792,849	748,742	771,729	802,067	802,967	744,321	764,703	833,762	770,169	711,150	734,217	754,240	9,329,926
TAPALHUACA	96,073	99,922	99,690	103,156	100,936	99,577	100,701	101,818	98,014	96,341	98,475	98,731	1,193,194
TECOLUCA	511,402	539,767	538,332	544,958	560,268	536,534	555,281	550,786	524,900	502,872	527,705	505,275	6,398,080
TBOTEPEQUE	285,875	279,651	285,196	304,519	271,349	272,019	275,842	286,793	270,046	252,764	258,458	268,495	3,311,005
TEPECOYO	261,929	262,488	262,549	271,577	268,437	280,172	265,073	272,696	275,827	266,955	274,266	280,118	3,242,086
TEPETITAN	181,502	190,977	183,763	175,933	172,181	164,783	171,759	172,991	151,317	159,481	163,774	145,832	2,034,294
TONACATEPEQUE	298,957	292,682	323,373	318,062	328,871	300,386	314,330	319,328	315,192	303,182	311,269	309,628	3,735,280
VERAPAZ	177,282	188,503	185,458	188,229	185,275	176,082	183,791	181,741	178,119	177,280	181,018	176,672	2,179,450
ZACATECOLUCA	3,118,474	3,281,069	3,316,257	3,444,053	3,417,947	3,321,099	3,430,476	3,522,593	3,396,648	3,277,221	3,244,929	3,185,082	39,955,848
ZARAGOZA	1,709,016	1,710,600	1,793,181	1,725,433	1,769,923	1,882,046	1,806,157	1,723,211	1,756,638	1,622,485	1,599,948	1,735,445	20,834,085
SUB TOTAL	55,269,411	57,928,862	58,962,668	58,721,211	59,181,736	59,421,631	59,769,003	59,668,768	59,434,006	56,728,689	57,299,161	57,328,362	699,697,491
TOTAL DELSUR	114,665,228	122,597,868	128,613,188	126,306,844	125,655,902	127,437,496	128,368,449	124,157,733	128,313,817	121,285,204	121,868,210	121,173,730	1,498,435,669

Fuente: Empresas Distribuidoras.

**CUADRO 68: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR AES CLESA DURANTE EL AÑO 2018**

MUNICIPIO	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	TOTAL
MUN ACAJUTLA	4,348,103.40	4,351,490.24	4,650,835.17	5,041,802.91	4,855,237.98	4,517,091.97	4,522,431.94	4,668,007.58	4,471,838.16	4,266,165.36	4,215,097.93	4,286,626.86	54,194,730
MUN AHUACHAPAN	3,854,182.91	3,804,540.60	3,904,770.99	3,958,349.17	4,008,429.32	3,931,547.59	3,831,607.49	3,924,496.53	3,878,011.97	3,841,101.91	3,910,856.53	4,099,744.00	46,947,639
MUN APANECA	244,960.61	241,566.97	249,745.55	250,318.66	248,024.77	238,554.03	230,445.72	248,240.15	238,673.71	233,099.85	225,347.22	232,252.96	2,881,030
MUN ARMENIA	1,356,595.82	1,271,343.89	1,337,840.85	1,500,980.15	1,357,852.39	1,327,227.75	1,384,088.63	1,426,046.67	1,364,068.59	1,350,694.63	1,364,395.16	1,372,306.74	16,413,441
MUN ATQUIZAYA	1,111,157.20	1,058,465.47	1,159,737.22	1,201,139.65	1,137,506.21	1,154,386.21	1,113,845.50	1,151,289.29	1,131,278.05	1,142,012.27	1,162,736.39	1,120,829.00	13,644,382
MUN CALICO	277,735.07	274,189.91	275,374.81	290,040.28	278,357.23	279,529.94	275,097.69	276,087.88	279,244.60	275,044.02	264,391.96	283,690.72	3,328,784
MUN CANDELARIA DE LA FRONTE	813,311.63	781,965.84	846,327.30	906,865.51	882,176.92	875,809.27	839,969.41	833,599.14	844,482.93	845,719.11	845,992.26	856,142.71	10,172,362
MUN CHALCHUAPA	2,901,060.78	2,953,444.44	3,114,310.64	3,073,731.72	3,097,600.23	3,081,794.99	2,989,456.33	3,004,244.92	2,800,576.19	2,936,901.46	2,953,399.28	3,122,185.23	36,118,306
MUN CIUDAD ARCE	6,588,581.16	7,265,332.96	7,258,248.34	7,729,854.15	7,683,424.27	7,843,840.75	7,975,008.93	8,087,132.15	7,945,334.70	7,763,999.33	7,781,644.30	7,963,982.32	91,886,383
MUN COATEPEQUE	1,901,424.48	2,410,651.87	2,535,270.52	2,433,108.42	2,525,743.06	2,741,023.09	2,611,248.92	2,347,588.33	2,443,774.23	2,363,601.73	2,079,668.53	2,196,088.40	28,589,192
MUN COLON	6,738,560.45	6,827,256.29	7,849,999.03	7,753,441.39	8,150,717.33	8,395,672.40	8,183,068.91	8,122,643.49	8,266,351.20	8,260,464.54	8,409,738.81	8,277,272.77	95,235,187
MUN CONCEPCION DE ATACO	475,989.29	440,019.45	444,185.97	465,339.19	434,224.84	428,764.13	424,692.34	452,035.04	432,384.43	420,344.74	413,595.76	444,428.69	5,276,004
MUN CUISNAHUAT	188,963.69	203,126.47	204,836.60	210,499.74	209,931.45	200,751.64	208,085.95	211,899.16	206,091.01	200,276.53	197,193.66	197,659.22	2,439,315
MUN EL CONGO	879,468.01	872,291.42	921,452.12	953,955.39	903,879.93	870,062.10	850,548.33	934,914.24	878,716.49	848,693.46	862,361.35	854,801.56	10,631,144
MUN EL PORVENIR	474,509.86	471,779.67	537,064.96	591,384.81	536,122.65	509,349.37	471,517.86	526,436.40	489,947.91	510,585.01	528,917.93	520,310.39	6,167,927
MUN EL REFUGIO	322,679.43	323,527.52	328,845.43	322,269.75	336,939.22	341,761.41	326,061.57	336,466.66	343,476.26	338,031.93	343,335.58	351,755.01	4,015,150
MUN GUAYMANGO	232,157.24	236,573.71	240,508.50	244,161.44	244,514.58	240,317.53	237,289.43	242,484.30	222,774.56	233,243.10	252,479.34	244,618.67	2,871,122
MUN IZALCO	1,948,916.15	1,948,889.33	2,019,129.54	2,040,452.28	2,017,215.31	1,997,739.21	1,962,304.49	1,968,430.22	1,990,099.53	1,984,985.13	1,951,823.91	2,000,791.81	23,830,767
MUN JUAYUA	1,168,153.27	1,175,323.00	1,174,107.27	1,116,209.66	1,002,794.25	952,928.33	935,535.37	987,147.65	911,793.26	914,054.74	964,093.84	1,081,393.80	12,383,534
MUN JUJUTLA	588,177.87	569,858.75	588,549.01	633,358.17	598,624.85	592,826.28	584,765.04	619,214.38	582,191.20	568,876.18	565,025.03	594,824.50	7,086,291
MUN MASAHUAT	74,742.94	75,834.25	85,065.46	87,522.42	85,988.39	83,167.86	80,819.41	82,304.07	81,804.96	79,657.17	79,931.36	81,537.13	978,375
MUN METAPAN	3,104,047.47	3,188,553.99	3,304,560.75	3,576,609.51	3,532,871.18	3,515,258.17	3,373,626.16	3,415,491.40	3,301,715.15	3,313,966.68	3,325,822.80	3,342,370.52	40,204,894
MUN NAHUZALCO	816,756.25	813,710.00	852,803.88	847,163.37	835,530.69	851,892.74	829,632.49	847,852.07	834,166.79	823,143.58	834,150.99	864,100.62	10,050,903
MUN NAHUILINGO	264,643.00	276,407.67	279,932.72	289,923.40	292,899.41	289,496.10	289,139.94	285,402.86	278,145.19	260,700.95	265,938.40	267,344.67	3,339,974
MUN NUEVA CONCEPCION	119,897.82	124,872.93	132,942.01	130,295.06	124,516.59	121,702.80	124,636.82	126,256.33	122,158.30	118,005.53	123,010.25	116,980.73	1,485,275
MUN S SEBASTIAN SALITRILLO	698,246.76	666,734.76	647,784.38	588,816.59	594,542.95	560,374.78	540,887.29	539,624.33	531,993.99	521,920.89	600,220.95	756,335.26	7,247,483
MUN SACACOYO	776,670.66	728,242.56	684,406.86	701,870.94	678,762.18	751,453.53	710,894.79	673,711.24	716,946.53	704,288.29	724,585.16	632,918.54	8,484,751
MUN SALCOATITAN	147,906.96	150,575.50	147,508.28	155,256.29	153,588.26	148,725.29	149,009.09	154,795.35	149,259.43	146,987.81	145,065.09	136,712.81	1,785,390
MUN SAN ANTONIO DEL MONTE	796,039.78	799,034.63	843,803.52	943,240.05	843,694.08	766,792.15	836,151.07	845,066.65	816,271.69	820,039.59	823,257.79	831,013.54	9,964,405
MUN SAN ANTONIO PAJONAL	143,839.94	146,336.36	149,884.41	154,665.48	156,649.84	148,611.01	142,468.50	153,487.91	151,899.04	145,623.71	150,903.35	155,653.72	1,800,023
MUN SAN FRANCISCO MENENDEZ	1,502,326.93	1,507,859.10	1,504,946.24	1,584,907.18	1,570,398.38	1,563,193.67	1,550,240.73	1,587,975.63	1,529,628.30	1,495,905.60	1,472,535.35	1,571,975.41	18,441,893
MUN SAN JUAN OPICO	1,097,811.17	1,226,594.93	1,377,066.06	1,348,634.85	1,309,238.12	1,271,082.69	1,286,026.06	1,400,886.72	1,222,078.69	1,207,644.24	1,279,590.91	1,323,792.00	15,350,406
MUN SAN JULIAN	847,187.94	832,883.90	866,237.16	878,621.30	840,439.81	849,290.87	830,207.09	844,930.59	834,417.80	825,817.22	830,040.33	845,891.93	10,125,966
MUN SAN LORENZO	253,785.07	260,991.32	257,643.38	269,887.65	261,723.82	251,760.55	246,773.84	242,535.16	234,390.67	233,601.88	239,261.84	238,632.66	2,990,988
MUN SAN PEDRO PUXTLA	154,119.06	150,750.19	158,014.08	159,474.58	157,595.41	154,535.97	154,882.22	154,702.19	154,390.28	148,400.74	149,245.96	150,148.86	1,846,260
MUN SANTA ANA	15,099,411.96	15,441,840.90	16,212,436.22	16,361,775.66	16,668,758.00	16,691,800.27	16,362,446.32	16,681,024.23	16,604,658.54	16,228,345.73	16,019,522.94	16,293,065.78	194,665,087
MUN SANTA CATARINA MASAHUA	142,543.55	137,955.21	151,130.45	157,013.68	158,011.48	154,661.25	151,122.89	156,901.29	157,084.13	151,455.05	142,757.09	140,386.16	1,801,022
MUN SANTA ISABEL ISHUATAN	232,523.50	244,768.24	241,371.58	261,555.29	248,909.93	226,786.08	237,427.66	248,070.61	235,857.30	222,248.41	235,713.30	219,503.63	2,854,736
MUN SANTA ROSA GUACHIPILIN	105,127.65	121,813.26	119,820.86	126,199.04	122,045.14	117,824.25	117,681.01	119,990.35	115,238.14	112,748.82	113,237.10	106,963.65	1,398,689
MUN SANTIAGO DE LA FRONTERA	119,374.36	117,215.17	129,396.05	130,593.43	132,177.80	125,752.02	124,872.91	136,553.86	130,353.25	125,456.61	126,215.22	129,739.02	1,527,700
MUN SANTO DOMINGO DE GUZMA	105,948.01	106,915.71	111,592.39	110,307.38	110,172.18	111,959.09	109,867.93	114,326.97	108,774.25	107,307.94	108,196.21	107,526.39	1,312,894
MUN SONSONATE	5,928,590.40	6,024,981.72	6,479,786.61	6,354,635.00	6,579,082.63	6,615,458.68	6,535,985.96	6,673,473.79	6,447,980.42	6,329,065.16	6,237,067.96	6,526,996.78	76,733,085
MUN SONZACATE	1,185,274.21	1,216,342.31	1,289,708.15	1,306,766.23	1,325,048.06	1,295,515.93	1,310,994.23	1,356,855.68	1,284,496.48	1,244,553.24	1,223,955.88	1,306,928.05	15,346,418
MUN TACUBA	316,330.10	308,543.45	316,775.81	326,671.76	331,930.17	322,813.04	309,774.43	313,877.16	320,015.28	318,435.14	325,196.63	331,042.54	3,841,406
MUN TEXISTEPEQUE	687,717.46	662,612.34	700,221.21	744,693.55	733,539.91	698,212.63	682,173.77	706,372.21	679,186.50	681,480.44	692,964.01	717,095.86	8,386,270
MUN TURIN	310,964.69	305,304.43	289,412.14	295,776.77	342,454.07	360,444.87	354,727.60	338,958.04	363,126.76	366,504.85	367,679.62	358,811.91	4,074,166
<b>TOTAL</b>	<b>71,446,215.96</b>	<b>73,119,212.54</b>	<b>76,975,390.48</b>	<b>78,610,138.90</b>	<b>78,699,885.27</b>	<b>78,569,344.30</b>	<b>77,299,540.66</b>	<b>78,589,800.87</b>	<b>77,217,126.84</b>	<b>76,030,800.30</b>	<b>75,928,121.26</b>	<b>77,655,173.53</b>	<b>920,241,150.31</b>

Fuente: Empresas Distribuidoras.

CUADRO 69: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR EEO DURANTE EL AÑO 2018

MUNICIPIO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
MUN ALEGRIA	605546.74	630274.26	638121.91	639809.1	493529.04	582454.79	633957.35	625666.01	631430.75	628591.77	624470.38	625824.17	7,360,676
MUN ANAMOROS	450699.89	464508.28	493898.16	537581.96	527355.66	469821.64	486422.64	512021.27	489334.91	464369.9	464052.5	488807.67	5,848,874
MUN ARAMBALA	85625.32	91806.6	91084.67	96958.23	94014.93	87814.1	92802.54	97064.8	91450.26	89300.81	89563.57	86254.73	1,093,741
MUN BERLIN	399276.87	402395.05	422781.44	438259.72	434201.84	420647.92	410516.16	440716.53	411366.68	411970.34	407298.35	401949.54	5,001,381
MUN BOLIVAR	157333.11	180712.59	182946.18	196821.32	191398.71	176912.37	185814.54	191849.31	184298.65	170733.04	183238.84	164782.89	2,166,842
MUN CACAOPERA	161624.34	171121.1	187865.73	194152.25	192773.05	165675.06	182918.33	191572.07	175308.71	167010.88	164402.21	173963.3	2,128,387
MUN CALIFORNIA	12959.19	19854.42	9479.39	9299.7	8642.43	8190.78	8221.12	8515.76	7784.3	8253.13	8550.01	16918.88	126,669
MUN CAROLINA	144570.42	161947.71	165791.85	172851.01	166239	151904.61	162158.64	161582.09	149275.86	149638.44	151076.96	142575.86	1,879,612
MUN CHAPELTIQUE	437748.75	445594.02	461962.09	499467.83	488775.53	453331.65	457191.63	473561.58	456453.61	444487.9	425354.9	454997.57	5,498,927
MUN CHILANGA	146349.14	152424.06	163910.12	166562.03	167399.39	154993.87	157885.23	159292.41	157715.94	148462.07	148637.55	153419.04	1,877,051
MUN CHINAMECA	600710.33	604695.49	600187.01	616757.67	611944.45	600451.05	599056.84	613319.06	612655.84	580089.53	582467.35	593193.6	7,215,538
MUN CHIRILAGUA	712351.54	746118.74	751594.78	824365.3	780507.41	719743.49	780309.64	805824.69	770730.79	726622.05	737330.8	746661.01	9,102,160
MUN CIUDAD BARRIOS	564152.61	544596.76	541412.89	556691.13	562905.9	531439.14	550096.51	536546.48	514175.83	505920.33	514701.75	580127.87	6,502,767
MUN COMACARAN	119292.62	127355.29	128195.21	132453.76	130176.83	119835.59	124806.16	130185.25	122115.69	116142.94	116674.07	118417.42	1,485,651
MUN CONCEPCION BATRES	167823	172607.33	171172.72	183844.32	181979.8	168977.15	178863.89	178926.07	178511.1	164409.25	168816.33	175051.91	2,090,983
MUN CONCEPCION DE ORIENTE	274317.5	271994.14	289461.69	303787.59	296036.56	277074.63	272263.15	296038.64	284600.15	270626.63	270219.65	284644.57	3,391,065
MUN CONCHAGUA	1721135.46	1759076.14	1782049.78	1882245.14	1871520.32	1774101.25	1830663.66	1948633.27	1895042.62	1759595.28	1731274.23	1771467.09	21,726,804
MUN CORINTO	325329.91	336365.72	337965.15	336652.22	340864.96	328330.5	327171.99	340354.04	330708.14	313464.13	309337.93	316202.94	3,942,748
MUN DELICIAS DE CONCEPCION	103941.28	109540.97	110815.83	117398.53	115134.94	108632.73	111480.95	107746.85	105708.9	102916.77	106473.28	107054.27	1,306,845
MUN EL CARMEN EEO	427510.05	488524.75	486209.78	506728.47	492170.61	456961.4	505582.3	505721.98	490136.41	448108.95	452386.66	445093.51	5,705,135
MUN EL DMSADERO	313741.22	367084.85	395107.12	405214.32	402120.97	480601.76	290626.5	407448.67	384232.41	352515.92	369513.87	369470.5	4,537,678
MUN EL ROSARIO	24867.06	26980.73	27163.44	28627.8	26773.4	24928.43	26307.2	27086.4	25811.69	26442.09	26186.61	24735.65	315,911
MUN EL SALUCE	222271.28	225630.02	247054.31	255926.43	254999.38	222846.2	227468.13	253128.8	234591.86	227464.71	214358.75	231403.03	2,817,143
MUN EL TRANSITO	416754.13	431949.31	448136.49	448831.35	449297.63	409314.37	434982.38	441406.08	421252.61	363434.77	400161.66	422814.18	5,088,345
MUN EL TRIUNFO	269815.91	273737.3	278492.32	295494.58	294771.51	274566.62	268999.86	285208.04	272627.53	261788.63	264403.08	266343.06	3,305,488
MUN ESTANQUELAS	255887.25	279404.11	279441.79	279096.21	278879.13	270866.34	274168.63	276600.42	260662.32	249158.69	257547.81	254091.33	3,215,904
MUN GUALOCOCTI	46352.22	46243.11	50790.3	51607.78	49285.55	46888.42	47467.61	50515.53	47956.08	46775.06	47365.54	49207.08	580,454
MUN GUATAJAGUA	157890.01	174027.91	169296.99	182165.67	172927.56	164691.74	167923.97	163967.36	163176.78	161029.04	158953.56	161909.33	1,997,950
MUN INTIPUCA	315541.67	321648.73	346907.7	365529.04	330829.25	308475.28	334611.33	373470.5	334185.16	295986.27	295691.43	310525.75	3,933,402
MUN JOATECA	58658.18	64408.13	61582.88	65009.99	60035.06	58438.34	62780.58	61425.12	56115.13	59840.41	57041.56	55708.17	721,044
MUN JOCOATIQUE	83589.34	92584.73	93422.97	97515.33	93024.1	89571.46	93857.79	95505.22	92156.18	89367.08	86626.32	82603.11	1,089,824
MUN JOCORO	392922.73	452281.1	460252.32	479596.38	468487.95	420740.16	438674.56	455130.67	440613.33	389484.15	407974.45	403795.4	5,209,953
MUN JUCUAPA	637742.61	645104.96	677820.11	694341	675812.5	681080.3	652101.71	691758.92	677576.66	641434.12	647988.47	662145.54	7,984,907
MUN JUCUARAN	360692.33	358354.9	367597.41	403418.38	386351.94	355059.4	368920.44	390490.62	382370.64	339059.3	346880.28	373270.79	4,432,466
MUN LA UNION	3243480.98	3620095.47	3672913.09	3631467.81	3895148.38	3695681.57	3905039.98	3886040.44	3883963.2	3600037.29	3648961.05	3701667.83	44,384,497
MUN LISIQUIE	170484.57	183969.96	189043.99	202644.3	199967.79	179630.46	191269.59	186846.7	179922.35	180817.08	187880.71	174379.21	2,226,857
MUN LOLOTIQUE	300190.12	311793.15	316761.32	330955.75	328370.12	314142.06	319124.81	313285.07	301562.83	298706.84	307638	294773.68	3,737,504
MUN LOLOTIQUILLO	92206.61	95897.33	97470.48	104300.13	114617.61	97991.18	100232.6	107914.66	100588.11	99311.41	98243.66	97547.59	1,206,321
MUN MEANGUERA	104956.15	113229.59	116869.09	121110.15	123409.38	115686.2	117815.09	113082.34	107762.56	111774.86	113931.16	106904.71	1,365,531
MUN MEANGUERA DEL GOLFO	82145.76	83761.59	89687.57	93816.39	103598.99	81764.18	83313.74	81011.76	78440.19	66873.27	77891.54	84723.9	1,007,029
MUN MERCEDES UMANA	706761.28	714756.35	708261.17	724726.88	730574.04	724262.02	707879.2	739570.76	706786.08	684081.66	704124.72	713238.43	8,565,023
MUN MONCAGUA	847331.62	890790.42	920601.1	930601.1	931397.66	863685.62	886120.27	889218.85	846159.1	858117.6	843722.36	873572.55	10,586,778
SUB TOTAL	18,728,681	17,864,887	18,031,680	18,810,144	18,617,261	17,838,218	18,067,488	18,816,241	18,067,318	17,074,214	17,218,714	17,682,238	213,781,886

Fuente: Empresas Distribuidoras.

CUADRO 69: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR EEO DURANTE EL AÑO 2018

MUNICIPIO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
MUN NUEVA ESPARTA	283350.47	271358.82	294485.3	303673.3	299277.7	273529.07	275622.69	295888.33	275135.39	287383.29	270550.85	279825.28	3,370,038
MUN NUEVA GRANADA	179845.72	198020.94	201186.82	202535.9	197792.35	184489.59	194788.12	189912.87	181979.58	173375.38	185948.54	178252.5	2,273,088
MUN NUEVA GUADALUPE	504934.77	518908.75	539080.45	551417.52	527189.42	501455.55	479513	508746.31	519497.88	491805.08	488172.02	488829.81	6,117,529
MUN NUEVO EDEN DE SAN JUAN	85035.04	98528.11	94189.84	99778.92	95957.1	88503.25	90180.28	89437.58	88914.85	83712.02	88028.04	83914.83	1,082,258
MUN OSICALA	195837.87	213828.02	217822.99	224305.08	227188.23	213975.48	221385.48	218848.02	204157.19	205742.58	208377.22	200047.53	2,551,084
MUN PASAQUINA	938118.88	987459.97	1030528.98	1073732.31	1062409.54	1000786.29	994355.81	1073848.11	1042159.93	989295.31	955750.85	1025495.17	12,153,741
MUN PERQUIN	47879.75	49029.5	48250.89	50715.18	51542.93	50829.39	52225.84	52428.7	49670.59	51890.81	49981.25	48838.21	602,874
MUN POLOROS	229811.41	234288.88	264820.8	256208.45	261380.77	232025.02	238042.28	253841.83	242394.23	232848.48	231543.37	245141.11	2,928,508
MUN QUELEPA	398004.89	411888.87	426523.73	448870.14	448428.88	425410.01	418238.81	452243.11	438173.72	413248.3	412845.73	428804.38	5,121,255
MUN SAN ALEJO	842512.37	884914.39	873512.74	910844.37	913784.9	860748.58	885393.22	910524.57	900353.37	886248.75	825189.45	853578.08	10,477,379
MUN SAN ANTONIO	88808.22	89300.73	73348.83	73083.09	71377.07	85578.7	71748.85	89640.49	85572.84	83985.58	87211.97	82818.85	820,054
MUN SAN BUENAVENTURA	144703.83	147244.73	157324.49	160058.49	157718.48	153927.91	158520.71	182091.28	151870.78	134947.11	145834.08	147398.38	1,821,449
MUN SAN CARLOS	86042.38	104817.28	113211.57	117138.33	114983.25	108782.06	104833.9	115148.23	105821.73	101738.55	108008.44	105701.88	1,299,004
MUN SAN FERNANDO	31208.31	31181.49	31414.2	31780.84	31345.21	30259.2	31709.15	30978.48	30839.38	29471.08	28954.35	27230.17	386,372
MUN SAN GERARDO	127377.03	143845.54	148821.43	148860.58	143501.15	131472.06	135336.38	131007.88	128922	117915.85	123099.34	122213.99	1,598,203
MUN SAN LEDEFONSO	37857.59	39089.88	38175.81	40738.79	38424.3	38098.83	39399.21	37032.29	34390.88	34479.93	37282.88	33482.17	448,410
MUN SAN ISIDRO EEO	38881.28	39578.71	43290.89	44283.87	43292.78	42551.06	40888.47	44030.44	42473.72	40821.4	41132.8	42819.97	503,603
MUN SAN JOSE	88991.94	90240.31	101821.8	108013.03	98880.4	89125.08	94305.28	98794.59	93955.87	87227.05	88888.15	88031.19	1,130,882
MUN SAN LUIS DE LA REINA	212814.83	233788	244208.84	245904.4	248293.3	228100.88	237819.33	243338.81	223381.32	214044.29	223558.03	220899.99	2,784,897
MUN SAN MIGUEL	18501327.88	1958484.41	20870342.6	21838057.81	22141800.2	21053487.01	21389479.73	22218105.54	21379701.11	19968353.24	20084295.01	20280514.84	249,077,809
MUN SAN SIMON	123587.3	128734.24	127591.07	130257.23	127919.09	123482.88	128532.94	128123.09	125349.85	121858.04	125518.78	123787.11	1,519,700
MUN SAN VICENTE	133572.42	148588.85	142914.85	151840.74	148703.23	138871.47	150224.94	143484.88	130778.55	138877.83	140443.8	129378.79	1,889,280
MUN SANTA ROSA DE LIMA	2037973.49	2217045.58	2300535.48	2504708.34	2479392.5	2285185.2	2338533.89	2455098.14	2383009.82	2235868.95	2188808.83	2189470.93	27,597,529
MUN SANTIAGO DE MARIA	870374.8	789012.18	712108.49	738194.8	740343.98	728409.34	729843.2	735798.73	710484.78	704850.72	707822.88	629517.23	9,072,539
MUN SENSEMBRA	55728.78	55948.92	58888.37	59308.42	57918.31	53785.91	55005.8	54732.45	53702.35	50789.88	50409.52	51118.81	654,071
MUN SESORI	283419.1	277047.24	308459.2	307839.37	312020.08	294212.8	285740.99	300000.47	288479.5	278827.4	275908.14	288454.05	3,477,208
MUN SN FGD GOT EEO	1128726.3	1175879.54	1307582.07	1322917.23	1375734.57	1302118.01	1282172.45	1340079.25	1308775.53	1348450.92	1220322.88	1288322.39	15,300,083
MUN SOCIEDAD	245498.75	260078.8	272700.54	292230.83	284305.02	250588.85	289871.58	279148.55	287830.97	251483.88	258035.85	248508.18	3,187,759
MUN TOROLA	35591.82	38219.5	37280.12	37508.85	37812.95	34913.84	38808.61	34857.18	35182.88	38482.98	38384.97	33824.37	432,423
MUN ULLAZAPA	127078.29	145888.78	142341.14	142788.01	148115.8	137893.15	144888.74	148754.98	141218.48	131180.15	133418.18	134824.22	1,875,904
MUN YAMABAL	81823.2	87330.34	88904.03	87825.82	88757.13	83919.27	85481.88	85372.15	84748.39	77884.29	79113.17	81451.83	1,010,219
MUN YAYANTIQUE	188085.19	183019.4	184023.25	188734.54	178802.88	183320.21	178955.38	179098.54	172540.08	185982.55	180041.43	182223.98	2,083,207
MUN YOLOAQUIN	74114.02	78313.85	81411.01	85801.03	85830.51	80483.27	81798.2	82008.72	80659.04	78228.4	77953.78	77559.88	982,241
MUN YUCAQUIN	170117.21	179888.42	180408.38	188630.4	187900.48	175038.89	181857.82	188389.31	178315.41	174793.23	188851.51	171257.72	2,138,823
TOTAL	28,542,996	30,032,956	31,754,862	32,965,770	33,423,680	31,834,230	32,079,225	33,348,814	32,156,479	30,234,399	30,292,013	30,888,681	377,317,875
TOTAL GENERAL	48,298,587	47,887,843	49,788,832	51,875,914	51,940,911	49,272,445	50,138,694	51,956,858	50,213,797	47,308,613	47,511,727	48,417,920	891,075,840

Fuente: Empresas Distribuidoras.

**CUADRO 70: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR DEUSEM DURANTE EL AÑO 2018**

MUNICIPIO	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	TOTAL
MUN CALIFORNIA	58,983.04	58,446.81	59,167.21	59,566.40	61,200.72	59,502.03	63,421.59	62,070.61	61,665.56	60,719.89	55,619.27	57,001.07	717,364
MUN CHINAMBICA	141,114.54	143,570.36	135,663.28	142,862.45	141,319.16	136,322.79	144,493.70	146,566.98	143,168.03	140,456.99	145,550.91	147,323.72	1,708,413
MUN CONCEPCION BATRES	199,509.49	202,595.78	223,330.10	218,388.17	224,530.30	225,666.76	212,844.12	230,343.16	220,562.56	212,532.97	206,325.40	221,327.25	2,597,956
MUN EL TRANSITO	454,196.42	456,391.83	485,841.05	479,723.42	482,583.53	486,134.25	470,018.98	495,306.62	492,540.39	462,097.19	443,967.40	478,798.52	5,687,400
MUN EREGUA YQUIN	218,850.40	226,759.83	233,532.75	238,050.17	243,926.21	246,245.74	249,545.72	257,991.34	247,053.49	239,904.89	232,058.98	247,623.11	2,881,543
MUN JIQUILISCO	1,531,682.11	1,645,990.16	1,644,109.34	1,705,211.13	1,778,717.94	1,688,398.21	1,752,191.55	1,761,344.28	1,689,198.49	1,612,577.03	1,578,404.86	1,589,701.22	19,977,526
MUN OZATLAN	350,247.72	370,539.09	374,737.90	381,729.40	386,666.12	361,782.35	383,117.19	382,820.90	372,295.38	353,195.57	342,611.94	358,159.59	4,418,103
MUN PUERTO EL TRIUNFO	522,733.64	547,003.40	557,521.12	594,097.51	611,592.84	581,715.19	599,981.29	613,052.78	590,942.42	568,731.63	572,897.77	553,253.83	6,913,523
MUN SAN AGUSTIN	116,970.08	128,436.05	130,565.99	127,794.62	129,419.90	115,392.26	128,757.17	128,891.42	124,708.50	121,322.66	124,157.57	116,980.25	1,493,396
MUN SAN DIONISIO	164,737.46	169,906.68	177,182.50	191,795.09	194,348.67	187,129.07	189,365.58	189,245.47	188,736.76	178,329.62	174,836.23	181,464.84	2,187,078
MUN SAN FRANCISCO JAVIER	185,395.16	202,892.62	206,945.86	205,286.46	200,970.41	185,805.70	198,614.02	204,443.55	197,741.51	190,298.70	183,422.60	187,335.62	2,349,152
MUN SAN JORGE	337,989.97	345,397.65	342,839.39	352,445.84	343,951.82	342,987.87	346,566.41	354,317.03	353,198.99	343,383.03	343,758.70	343,368.34	4,150,205
MUN SAN MIGUEL	107,487.75	105,806.03	105,586.79	114,089.40	110,821.89	104,330.95	107,518.60	110,384.59	111,820.03	106,487.95	108,995.46	114,879.99	1,308,609
MUN SAN RAFAEL ORIENTE	379,409.20	380,342.24	407,384.34	402,515.82	393,856.97	387,745.99	393,832.75	379,397.71	373,074.40	375,918.40	360,523.98	402,580.77	4,636,583
MUN SANTA ELENA	596,635.95	612,968.70	620,523.01	647,033.20	633,651.51	590,181.31	624,699.86	647,749.79	615,263.60	595,451.21	582,515.83	609,232.26	7,375,906
MUN SANTA MARIA	537,919.24	564,590.87	587,182.68	604,983.37	632,019.27	605,641.61	607,899.97	613,531.39	601,549.45	582,177.56	555,981.10	598,643.01	7,092,120
MUN TECAPAN	191,086.22	190,520.65	192,722.40	197,326.81	194,782.81	193,347.63	198,033.39	197,004.60	191,982.21	185,532.98	174,797.81	185,427.08	2,292,565
MUN TECOLUCA	248,449.86	258,106.67	272,083.83	303,986.96	305,751.75	270,090.63	301,898.35	303,803.71	279,037.80	272,900.56	269,180.08	264,605.70	3,349,896
MUN USULUTAN	4,161,793.84	4,382,834.08	4,584,405.80	4,625,075.08	4,875,145.55	4,688,350.43	4,721,734.33	4,795,974.79	4,718,435.75	4,479,215.10	4,329,008.88	4,572,923.16	54,934,897
<b>TOTAL DEUSEM</b>	<b>10,505,192</b>	<b>10,993,190</b>	<b>11,341,325</b>	<b>11,591,961</b>	<b>11,945,287</b>	<b>11,456,771</b>	<b>11,695,135</b>	<b>11,874,041</b>	<b>11,572,975</b>	<b>11,081,234</b>	<b>10,784,615</b>	<b>11,230,629</b>	<b>136,072,235</b>

Fuente: Empresas Distribuidoras.



**CUADRO 71: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR EDESAL DURANTE EL AÑO 2018**

MUNICIPIO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEPT	OCT	NOV	DIC	TOTAL
Apopa	346,291	390,505	426,285	425,260	439,239	423,289	450,134	434,790	422,343	386,991	429,878	467,390	5,042,395
Ciudad Arce	13,755	15,577	15,071	16,029	16,046	16,883	17,108	16,199	16,295	16,673	16,359	16,298	192,293
Colón	6,779	6,530	6,776	7,859	7,509	7,491	7,191	7,489	7,230	6,916	6,885	7,102	85,757
Ilopango	221,851	237,527	213,126	137,289	217,895	203,882	198,893	187,793	225,990	234,732	223,223	222,135	2,524,336
Nejapa	174,329	194,500	204,479	225,188	224,166	234,452	230,680	221,506	211,846	243,101	206,101	245,546	2,615,894
Nueva San Salvador	8,258	8,237	7,926	7,694	7,869	8,994	9,092	8,661	8,448	8,390	8,280	8,477	100,326
Quezaltepeque	125,174	130,139	133,533	149,825	148,021	143,061	146,648	147,957	142,421	139,159	132,634	137,468	1,676,042
San Juan Opico	6,829,290	7,341,031	7,404,230	7,173,925	7,348,838	7,433,745	7,146,558	6,939,655	6,593,510	7,475,502	6,498,522	6,020,173	84,204,979
San Miguel	121,179	133,618	155,434	168,423	175,942	160,161	164,065	186,532	168,583	158,302	144,772	159,901	1,896,912
San Sebastián Salitr	479,873	477,958	522,409	542,801	547,579	562,156	558,383	572,054	560,182	557,338	538,078	550,426	6,469,236
Santa Ana	236,858	238,374	255,231	251,144	265,086	264,860	265,962	268,977	254,889	258,787	266,735	255,753	3,082,655
Santa María	25,554	26,528	28,055	28,578	31,285	33,735	34,451	35,835	32,311	31,457	28,748	32,122	368,659
Tonaoatepeque	17,306	17,408	18,782	19,328	18,882	19,301	18,871	18,574	17,292	17,372	16,073	16,184	215,373
0	-	-	-	-	413	291	-	-	-	-	-	-	704
<b>TOTAL EDESAL</b>	<b>8,606,497</b>	<b>9,217,932</b>	<b>9,391,336</b>	<b>9,153,343</b>	<b>9,448,770</b>	<b>9,512,300</b>	<b>9,248,035</b>	<b>9,046,022</b>	<b>8,661,341</b>	<b>9,534,720</b>	<b>8,516,289</b>	<b>8,138,975</b>	<b>108,475,560</b>

Fuente: Empresas Distribuidoras.

**CUADRO 71-A: CONSUMO EN kWh POR MUNICIPIO SERVIDOS POR B&D DURANTE EL AÑO 2018**

MUNICIPIO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL
Ilopango	2,407,458.65	2,347,695.49	2,334,393.62	2,366,752.84	2,667,681.10	2,804,455.02	2,996,304.01	2,806,244.97	2,733,424.08	3,142,688.12	2,965,634.23	2,307,717.63	31,880,449.76
San Martín	31578.00	29508.00	30629.00	33912.00	32296.00	35867.00	35043.00	34104.00	33971.00	33898.00	31597.00	33304.00	395,707.00
Tonacatepeque	32124.00	33094.00	36152.00	39241.00	39577.00	41134.00	40136.00	43733.00	43646.00	43413.00	43695.00	43973.00	479,918.00
<b>TOTAL B&amp;D</b>	<b>2,471,161</b>	<b>2,410,297</b>	<b>2,401,175</b>	<b>2,439,906</b>	<b>2,739,554</b>	<b>2,881,456</b>	<b>3,071,483</b>	<b>2,884,082</b>	<b>2,811,041</b>	<b>3,219,999</b>	<b>3,040,926</b>	<b>2,384,995</b>	<b>32,756,075</b>

Fuente: Empresas Distribuidoras.

ANEXO II: Ubicación de las plantas de generación y producción de energía de cada una de ellas.

CORRELATIVO	TITULAR	NOMBRE_PLANTA	CATEGORÍA	NC	DEPARTAMENTO	LAT	LON	COORX	COORY
1	HILCASA ENERGY, S.A. DE C.V.	HILCASA ENERGY I (El ángel)	GDR_CLP		SAN SALVADOR	13.79178333	-89.19709722	478666.48	296520.6344
2	HILCASA ENERGY, S.A. DE C.V.	HILCASA ENERGY II (El ángel)	GDR_CLP		SAN SALVADOR	13.79178333	-89.19709722	478666.48	296520.6344
3	HILCASA ENERGY, S.A. DE C.V.	HILCASA ENERGY III (El ángel)	GDR_CLP		SAN SALVADOR	13.79178333	-89.19709722	478666.48	296520.6344
4	ASOCIO GRUPO ARQUERO-DELFO, S. A. DE C.V.	BARRIO NUEVO I	GDR_CLP		SAN VICENTE	13.42610556	-88.79770556	521800.78	256588.6211
5	ASOCIO GRUPO ARQUERO-DELFO, S. A. DE C.V.	BARRIO NUEVO II	GDR_CLP		SAN VICENTE	13.42610556	-88.79770556	521800.78	256588.6211
6	ASOCIO GRUPO ARQUERO-DELFO, S. A. DE C.V.	BARRIO NUEVO III	GDR_CLP		SAN VICENTE	13.42610556	-88.79770556	521800.78	256588.6211
7	AGROINDUSTRIAS SAN JULIAN, S.A. DE C.V. (AGROSANIA, S.A. DE C.V.)	AGROSANIA	GDR_CLP		SONSONATE	13.7400639	-89.6523472	429499.4824	290872.8723
8	AGRÍCOLA GANADERA ONZA, S.A. DE C.V. (ONZA, S.A. DE C.V.)	ONZA, BIODIGESTOR SAN RAMON	GDR_CLP		SONSONATE	13.7465472	-89.585858	436680.316	291580.8486
9	SOLARIS ENERGY, S.A. DE C.V.	SOLARIS ENERGY I	GDR_CLP		SAN MIGUEL	13.43611111	-88.09777778	597392.98	257681.2277
10	SOLARIS ENERGY, S.A. DE C.V.	SOLARIS ENERGY II	GDR_CLP		SAN MIGUEL	13.43611111	-88.09777778	597392.98	257681.2277
11	PROYECTO LA TRINIDAD, LTDA. de C.V.	PVGEN I	GDR_CLP		SAN VICENTE	13.52064167	-88.80700833	520796.08	266911.9644
12	PROYECTO LA TRINIDAD, LTDA. de C.V.	PVGEN II	GDR_CLP		SAN VICENTE	13.52064167	-88.80700833	520796.08	266911.9644
13	PROYECTO LA TRINIDAD, LTDA. de C.V.	PVGEN III	GDR_CLP		SAN VICENTE	13.52064167	-88.80700833	520796.08	266911.9644
14	PARQUE SOLAR CANGREJERA, S.A. DE C.V.	PARQUE SOLAR CANGREJERA I	GDR_CLP		LA PAZ	13.47553333	-89.20176111	478162.78	261986.1344
15	PARQUE SOLAR CANGREJERA, S.A. DE C.V.	PARQUE SOLAR CANGREJERA II	GDR_CLP		LA PAZ	13.47553333	-89.20176111	478162.78	261986.1344
16	PARQUE SOLAR CANGREJERA, S.A. DE C.V.	PARQUE SOLAR CANGREJERA III	GDR_CLP		LA PAZ	13.47553333	-89.20176111	478162.78	261986.1344
17	PROYECTO LA TRINIDAD, LTDA. de C.V.	ZAMBOMBERA I	GDR_CLP		LA PAZ	13.43958333	-89.10858333	488225.98	258060.3944
18	PROYECTO LA TRINIDAD, LTDA. de C.V.	ZAMBOMBERA II	GDR_CLP		LA PAZ	13.43958333	-89.10858333	488225.98	258060.3944
19	PROYECTO LA TRINIDAD, LTDA. de C.V.	ZAMBOMBERA III	GDR_CLP		LA PAZ	13.43958333	-89.10858333	488225.98	258060.3944
20	SOLAR INTERNACIONAL, S.A. DE C.V.	SOLAR INTERNACIONAL I	GDR_CLP		LA PAZ	13.54915306	-89.11739889	487273.9	270025.4081
21	SOLAR INTERNACIONAL, S.A. DE C.V.	SOLAR INTERNACIONAL II	GDR_CLP		LA PAZ	13.54846306	-89.117565	487255.96	269950.0601
22	SOLAR INTERNACIONAL, S.A. DE C.V.	SOLAR INTERNACIONAL III	GDR_CLP		LA PAZ	13.54766306	-89.11760889	487251.22	269862.7001
23	PROYECTO LA TRINIDAD, LTDA. de C.V.	GRUPO ROCA I	GDR_CLP		SAN VICENTE	13.52111111	-88.80611111	520892.98	266963.2277
24	PROYECTO LA TRINIDAD, LTDA. de C.V.	GRUPO ROCA II	GDR_CLP		SAN VICENTE	13.52111111	-88.80611111	520892.98	266963.2277
25	PROYECTO LA TRINIDAD, LTDA. de C.V.	GRUPO ROCA III	GDR_CLP		SAN VICENTE	13.52111111	-88.80611111	520892.98	266963.2277
26	PROYECTO LA TRINIDAD, LTDA. de C.V.	SUNO POWER I	GDR_CLP		LA LIBERTAD				
27	PROYECTO LA TRINIDAD, LTDA. de C.V.	SUNO POWER II	GDR_CLP		LA LIBERTAD				
28	PROYECTO LA TRINIDAD, LTDA. de C.V.	SUNO POWER III	GDR_CLP		LA LIBERTAD				
29	PROYECTO LA TRINIDAD, LTDA. de C.V.	ALPHA SOLAR I	GDR_CLP		LA LIBERTAD				
30	PROYECTO LA TRINIDAD, LTDA. de C.V.	ALPHA SOLAR II	GDR_CLP		LA LIBERTAD				
31	OSCAR DAVID FRANCO CARCAMO		GDR_CLP		MORAZAN				
32	VELESA ENERGY, S.A. de C.V.		GDR_CLP		SONSONATE				
33	AGROCAMPESTRE, S.A. DE C.V.		GDR_CLP		SAN MIGUEL				
34	RENIG, S.A. DE C.V.		GDR_CLP		LA LIBERTAD				
35	UNIVERSIDAD GERARDO BARRIOS		GDR_CLP		SAN MIGUEL				
36	POTENZA, S.A. DE C.V.		GDR_CLP		SAN VICENTE				
37	IMFICA INDUSTRIAL, S.A. DE C.V.		GDR_CLP		SAN VICENTE				
38	ENERGIA, DESARROLLO Y CONSULTORIA (EDECESA) S.A. DE C.V.		GDR_CLP		SONSONATE				

CORRELATIVO	TITULAR	NOMBRE_PLANTA	LAT	LOX	COORX	COORY	CONTACTO	NUMERO_CONTACTO	EMAIL
1	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA MILINGO	13.743723	-89.161048	482559.796	291272.446			
2	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA MILINGO	13.743723	-89.161048	482559.796	291272.446			
3	INDUSTRIAS AGRICOLAS VENEZIA Y PRUSIA, S.A. de C.V.	CENTRAL HIDROELECTRICA VENEZIA PRUSIA ESTACION NO. 2	13.716862	-89.160386	482631.292	288339.2248			
4	HIDROELECTRICA JUAYUA, S.A. DE C.V.	CENTRAL HIDROELECTRICA JUAYUA	13.83354	-89.726863	421451.776	301080.4624			
5	SENSUNAPAN, S.A. DE C.V.	CENTRAL HIDROELECTRICA NAHUIZALCO	13.794343	-89.72491	421662.7	296800.15			
6	DE MATHEU Y COMPAÑIA, SOCIEDAD ANONIMA DE CAPITAL VARIABLE	CENTRAL HIDROELECTRICA LA GALERA	13.836876	-89.733262	420760.684	301444.7536			
7	HIDROELECTRICA PAPALOTE, S.A. DE C.V.	CENTRAL HIDROELECTRICA PAPALOTE	13.820597	-89.745421	419447.512	299667.0868			
8	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA CUCUMACAYAN	13.764551	-89.723454	421819.948	293546.8636			
9	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA CUCUMACAYAN	13.764551	-89.723454	421819.948	293546.8636			
10	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA BULULU	13.728654	-89.718731	422330.032	289626.9112			
11	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA SONSONATE	13.7218	-89.724724	421682.788	288878.4544			
12	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA CUTUMAY CAMONES	13.764551	-89.723454	421819.948	293546.8636			
13	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA SAN LUIS I	13.995562	-89.4824	447853.78	318773.2648			
14	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA SAN LUIS I	13.995562	-89.4824	447853.78	318773.2648			
15	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA SAN LUIS II	13.990772	-89.475492	448599.844	318250.1968			
16	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA RIO SUCIO	13.85342	-89.311921	466265.512	303251.3584			
17	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA RIO SUCIO	13.85342	-89.311921	466265.512	303251.3584			
18	COMPAÑIA ELECTRICA CUCUMACAYAN, S.A. DE C.V. (CEC, S.A. DE C.V.)	CENTRAL HIDROELECTRICA ATEHUESIAS							
19	SANEAMIENTO BASICO, EDUCACION SANITARIA Y ENERGIAS ALTERNATIVAS (SABES)	CENTRAL HIDROELECTRICA LA CHACARA							
20	INDUFOAM ENERGY SUPPLY, S.A. DE C.V. (INDUFOAM, S.A. DE C.V.)	INSTALACION SOLAR FOTOVOLTAICA INDUFOAM	13.82149401	-89.41119602	455543.81	299765.04		2316-7000	alfonsotejadau@indufcam.com
21	POTENZA, S.A. de C.V.	LA INDEPENDENCIA	13.711231	-89.41625296	454997.66	287724.32		2509-0600	favila@grupoborja.com
22	ZONA FRANCA SAN BARTOLO, S.A. de C.V.	ZONA FRANCA SAN BARTOLO	13.70191667	-89.11116667	487946.98	286707.1944			
23	HILCASA ENERGY, S.A. DE C.V.	HILCASA ENERGY IV (EL ANGEL)	13.79178333	-89.19709722	478666.48	296520.6344			
24	HILCASA ENERGY, S.A. DE C.V.	HILCASA ENERGY SOBRE PISO	13.794975	-89.19679722	478698.88	296869.1644			
25	HELIOS ENERGY (DISZASA)	HELIOS ENERGY (DISZASA)	13.66436387	-89.27830457	469896.0862	282606.4294			
26	JOSE SANTIAGO CASTELLA TORRELLAS	SFV CASA CASTELLA FRANKERBERG	13.69161038	-89.27709946	470026.2383	285581.7481			
27	SARAM, S.A. DE C.V.	SARAM MOR FOTOVOLTAICA	13.73693554	-89.3994494	456812.4444	290531.2552			
28	AES NEJAPA GAS, LTDA. de C.V.	AES MONCAGUA	13.51668604	-88.26054398	579814.23	266480.01		7853-6506	rosibel.arevalo@aes.com
29	HASGAR, S.A. DE C.V.	LAS PALMAS SHOPPING CENTER I	13.65299933	-89.28177666	469521.1006	281365.4213			
30	SANEAMIENTO BASICO, EDUCACION SANITARIA Y ENERGIAS ALTERNATIVAS (SABES)	CENTRAL HIDROELECTRICA MIRACAPA	13.846556	-88.302106	575325.532	302501.8096			
31	SANEAMIENTO BASICO, EDUCACION SANITARIA Y ENERGIAS ALTERNATIVAS (SABES)	CENTRAL HIDROELECTRICA JUNQUILLO	13.784982	-88.217778	584432.956	295777.9288			
32	SANEAMIENTO BASICO, EDUCACION SANITARIA Y ENERGIAS ALTERNATIVAS (SABES)	CENTRAL HIDROELECTRICA EL CALAMERE	13.99232	-88.080425	599267.08	318419.2384			
33	HILCASA ENERGY, S.A. DE C.V.	INMOBILIARIA APOPA	13.7974	-89.17923	480596.14	297133.9744			
34	LUIS RODOLFO HASBÓN HASBÓN	INSTALACION DE PLANTA FOTOVOLTAICA PARA GENERACION ELÉCTRICA	13.669675	-89.249389	473018.968	283186.4044			
35	ECTROPA	ECTROPA (DURALITA)	13.736047	-89.397231	457052.032	290434.2268			
36	PROVIDENCIA SOLAR, S.A. de C.V.	SPICA	13.454769	-89.008901	498991.672	259718.6692			
37	INVERSIONES Y DESARROLLOS ENERGÉTICOS, S.A. de C.V.	CENTRO COMERCIAL EL PASEO	13.701696	-89.235211	474550.192	286683.0976			
38	INVERSIONES Y DESARROLLOS ENERGÉTICOS, S.A. de C.V.	PLANTA PV PARQUEO HOTEL REAL INTERCONTINENTAL	13.706583	-89.214096	476830.612	287,216.7580			
39	INVERSIONES Y DESARROLLOS ENERGÉTICOS, S.A. de C.V.	PLANTA PV METROCENTRO SANTA ANA	13.977412	-89.562858	439164.316	316791.2848			
40	INVERSIONES Y DESARROLLOS ENERGÉTICOS, S.A. de C.V.	PLANTA PV CENTRO COMERCIAL MULTIPLAZA	13.679167	-89.249019	473058.928	284222.9308			
41	MINISTERIO DE AGRICULTURA Y GANADERIA (MAG)	PLANTA DE GENERACION EL PORVENIR	14.018781	-89.642267	430588.144	321308.7796			
42	AES NEJAPA GAS	AES NEJAPA GAS	13.858824	-89.225488	475600.276	303841.4752			

CORRELATIVO	TITULAR	NOMBRE_PLANTA	LAT	LON	COORX	COORY
43	Central American Energy Group, S.A. de C.V.	SISTEMA SOLAR FOTOVOLTAICO AMERICAN INDUSTRIAL PARK	13.814812	-89.419251	454673.872	299035.3648
44	HILCASA ENERGY, S.A. DE C.V.	INTRADESA IDC	13.693955	-89.136749	485184.088	285837.7804
45	HILCASA ENERGY, S.A. DE C.V.	INTRADESA OFICINAS (EDIFICIO SAN JOSÉ)	13.695192	-89.134909	485382.808	285972.8608
46	BÓSFORO, LTDA. de C.V.	BÓSFORO - PASAQUINA	13.54749722	-87.82511667	626840.38	269844.5911
47	BÓSFORO, LTDA. de C.V.	BÓSFORO - CONCHAGUA				
48	BÓSFORO, LTDA. de C.V.	BÓSFORO - EL CARMEN				
49	THREE ENERGY CORP.	TOTO S.A DE C.V	13.77475946	-89.37141362	459840.309	294661.627
50	F. PEÑA MORENO, S.A. de C.V.	ROOFTOP CENTRO COMERCIAL PLAZA BARRIOS	13.69261389	-89.19552222	478836.58	285691.3311
51	PROYECTO LA TRINIDAD, LTDA. de C.V.	SOL DE OPICO				
52	BÓSFORO, LTDA. de C.V.	BÓSFORO - JIQUILISCO				
53	BÓSFORO, LTDA. de C.V.	BÓSFORO - SANTA ANA				
54	BÓSFORO, LTDA. de C.V.	BÓSFORO - NEJAPA	13°50'48.16"N	89°14'40.4"O	473692.01	302656.83
55	BÓSFORO, LTDA. de C.V.	BÓSFORO - SONSONATE				
56	BÓSFORO, LTDA. de C.V.	BÓSFORO - GUAZAPA I	13°56'19.61"N	89°11'1.10"O	480064.56	312760.61
57	BÓSFORO, LTDA. de C.V.	BÓSFORO - GUAZAPA II	13°56'3.78"N	89°10'52.86"O	480090.92	312686.3
58	BÓSFORO, LTDA. de C.V.	BÓSFORO - SAN SEBASTIAN SALITRIO				
59	COMPAÑÍA DE ENERGIA RENOVABLE, S.A. de C.V. (CERSA)	LAS MESAS I				
60	COMPAÑÍA DE ENERGIA RENOVABLE, S.A. de C.V. (CERSA)	LAS MESAS II				
61	EPOCACI, S.A. DE C.V.	CENTRAL FOTOVOLTAICA NUEVO GUALCHO	13.666667	-88.434139°	344891.11	1511320.53
62	TUSCANIA CORPORATE AND BUSINESS PARK, S.A. DE C.V.	INSTALACIÓN DE PANELES SOLARES EN TECHO DEL COMPLEJO CORPORATIVO TUSCANIA	13°37'15.62"N	89°17'7.10"O		
63	IELOU, S.A. DE C.V.	GD-ES-67kW	13°41'52.0"N	89°08'30.0"O		
64	VIJOSA, LTDA. DE C.V.	PLANTA FOTOVOLTAICA VIJOSA POWER	13°40'8.44"N	89°16'22.17"O		
65	VASES INGENIEROS, S.A. DE C.V.	PLANTA FOTOVOLTAICA TANGOLONA	13°34'48.17" N	88° 16' 02.45" W		
66	INVERSIONES Y DESARROLLOS ENERGÉTICOS, S.A. de C.V.	PLANTA PV METROCENTRO SAN MIGUEL				
67	AES UNION DE NEGOCIOS	OPICO POWER	13°26'26" N	89°4'30" O		

**CUADRO 10: GENERACIÓN POR CENTRALES HIDROELÉCTRICAS  
1966 - 2018 (En MWh)**

AÑOS	5 DE NOVIEMBRE		GUAJOYO		CERRÓN GRANDE		15 DE SEPTIEMBRE		T O T A L	
	GENERACION		GENERACION		GENERACION		GENERACION		GENERACION	
	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA
1966	318,189.1	316,025.4	44,633.4	44,483.3					362,822.5	360,508.7
1967	331,577.6	329,891.2	46,227.3	45,855.7					377,804.9	375,746.9
1968	330,200.7	327,574.7	33,726.7	32,838.6					363,927.4	360,413.3
1969	359,438.0	357,282.0	71,894.5	71,704.8					431,332.5	428,986.8
1970	349,942.5	347,904.1	66,190.9	65,996.1					416,133.4	413,900.2
1971	362,102.8	360,000.4	77,164.2	76,965.6					439,267.0	436,966.0
1972	317,299.3	315,230.0	58,178.9	57,350.3					375,478.2	372,580.3
1973	341,426.6	339,313.7	49,350.7	49,115.4					390,777.3	388,429.1
1974	393,411.4	391,238.6	75,889.9	75,672.4					469,301.3	466,911.0
1975	313,713.1	311,721.3	41,629.3	41,398.1					355,342.4	353,119.4
1976	316,963.5	315,244.6	72,746.9	72,539.3					389,710.4	387,783.9
1977	272,897.5	271,199.7	37,890.3	37,651.0	171,403.0	170,527.1			482,190.8	479,377.8
1978	419,446.5	417,793.5	29,373.7	29,118.1	380,506.2	378,827.7			829,326.4	825,739.3
1979	538,075.1	536,157.9	57,785.6	57,173.2	483,244.0	481,740.3			1,079,104.7	1,075,071.4
1980	499,069.8	497,183.8	68,639.6	68,115.1	479,643.0	478,217.1			1,047,352.4	1,043,516.0
1981	333,594.5	331,964.8	52,401.4	51,931.1	344,741.0	343,409.9			730,736.9	727,305.8
1982	384,319.0	383,133.8	50,705.8	50,172.9	395,308.0	394,064.4			830,332.8	827,371.1
1983	453,229.6	451,701.4	50,236.1	49,732.6	387,285.0	385,879.0	60,659.0	59,942.4	951,409.7	947,255.4
1984	400,352.8	399,128.0	51,867.6	51,325.0	363,144.0	361,808.0	202,031.0	199,813.0	1,017,395.4	1,012,074.0
1985	412,566.0	411,358.0	58,755.4	58,234.0	370,033.0	368,651.0	329,766.0	327,573.0	1,171,120.4	1,165,816.0
1986	414,256.4	412,092.0	41,935.4	41,460.0	357,795.0	356,587.0	417,003.0	415,118.0	1,231,009.8	1,225,257.0
1987	375,563.9	373,434.5	41,480.9	41,083.4	314,049.0	313,066.3	403,279.0	401,379.8	1,134,374.8	1,128,964.0
1988	403,299.2	400,925.6	60,508.3	60,103.8	381,078.0	380,032.1	437,515.0	435,743.2	1,302,400.5	1,296,804.7
1989	415,259.5	412,815.2	70,670.7	70,118.2	418,107.0	417,077.6	521,458.0	519,453.7	1,425,495.2	1,419,464.7
1990	449,535.5	447,140.5	68,437.2	67,865.8	507,654.0	506,581.2	622,197.0	619,932.7	1,647,823.7	1,641,520.2
1991	346,230.7	343,942.3	58,114.5	57,634.2	374,123.0	373,199.1	490,021.0	487,760.9	1,268,489.2	1,262,536.5
1992	426,103.3	423,760.2	37,616.3	37,287.9	421,025.0	420,197.8	530,999.0	528,997.9	1,415,743.6	1,410,243.8
1993	473,054.8	470,623.0	54,304.5	53,838.9	433,428.0	432,437.3	557,303.0	555,085.5	1,518,090.3	1,512,004.7
1994	485,573.8	483,360.8	52,144.0	51,580.0	396,745.0	395,728.7	513,109.0	511,233.1	1,447,571.8	1,441,902.6
1995	469,235.4	466,780.0	50,693.2	50,043.5	410,162.0	409,132.5	541,187.5	538,978.2	1,471,278.1	1,464,934.2
1996	551,091.8	548,743.5	82,183.2	81,564.8	511,448.0	510,207.1	737,903.0	736,211.8	1,882,626.0	1,876,727.2
1997	478,077.1	476,097.3	36,102.4	35,949.4	400,262.0	399,211.7	514,460.0	512,800.8	1,428,901.5	1,424,059.2
1998	493,841.5	491,812.4	76,993.0	76,854.9	425,405.8	424,468.4	569,538.5	567,998.5	1,563,798.8	1,561,134.2
1999	530,086.4	527,926.3	91,988.3	91,657.4	546,614.8	545,623.1	597,914.5	596,345.6	1,766,604.0	1,761,552.4
2000	298,583.8	296,535.4	8,610.6	8,400.2	386,273.4	385,393.4	481,719.8	480,087.5	1,175,187.6	1,170,416.5
2001	336,839.4	334,579.6	52,543.3	52,370.3	350,830.7	349,849.8	423,565.0	421,687.2	1,163,798.4	1,158,486.9
2002	382,878.9	380,416.0	37,273.7	37,147.2	295,423.7	294,355.0	423,498.5	421,582.2	1,139,074.8	1,133,500.4
2003	493,297.7	490,863.1	50,236.8	50,072.6	380,291.1	379,438.9	541,921.1	540,009.4	1,465,746.7	1,460,383.9
2004	475,557.3	473,309.0	36,796.0	36,649.6	390,469.1	389,715.4	484,787.2	482,773.7	1,387,609.6	1,382,447.6
2005	543,142.4	540,921.2	65,449.8	65,175.1	577,975.4	577,157.1	482,728.6	481,172.5	1,669,296.2	1,664,425.9
2006	549,971.6	547,836.5	87,238.9	86,935.5	654,299.4	653,486.6	670,118.1	668,330.9	1,961,648.0	1,956,609.5
2007	528,996.6	526,889.5	81,433.8	81,103.5	484,430.5	483,683.8	643,917.9	642,513.5	1,738,778.8	1,734,190.2
2008	552,237.3	549,981.8	100,636.4	100,288.5	628,628.5	627,746.0	756,916.4	755,360.3	2,038,438.5	2,033,376.6
2009	476,601.3	474,059.5	51,454.6	51,233.7	401,530.4	400,992.0	575,434.0	574,097.7	1,505,010.4	1,500,382.9
2010	531,509.8	529,377.2	85,118.5	84,794.6	724,446.6	723,652.9	742,570.1	741,155.5	2,083,644.9	2,078,980.3
2011	554,246.5	551,843.0	102,377.8	102,033.6	644,471.5	643,610.9	710,054.9	708,638.9	2,011,150.7	2,006,126.4
2012	556,133.7	553,758.8	75,780.0	75,509.5	553,367.9	552,704.8	661,280.5	659,910.2	1,846,562.0	1,841,883.3
2013	558,334.4	555,883.2	63,429.8	63,201.7	529,036.8	528,402.1	638,744.7	637,416.2	1,789,545.7	1,784,903.1
2014	527,368.9	524,836.4	70,502.7	70,232.2	530,867.6	530,273.2	589,090.9	587,687.3	1,717,830.0	1,713,029.1
2015	429,396.3	427,346.3	41,184.6	41,014.7	396,087.4	395,672.9	486,061.5	484,834.7	1,352,729.8	1,348,868.6
2016	431,974.7	430,244.8	38,001.5	37,847.8	351,763.4	351,361.2	439,169.2	438,022.6	1,260,908.8	1,257,476.3
2017	496,653.1	494,468.5	53,990.1	53,801.5	453,522.6	453,042.0	614,931.7	613,694.4	1,619,097.4	1,615,006.4
2018	518,003.2	515,929.0	50,792.7	50,580.6	436,246.7	435,787.3	542,637.7	541,398.0	1,547,682.3	1,543,694.9

Fuente: CEL

**CUADRO 15: GENERACIÓN BRUTA Y NETA POR CENTRALES FÓSIL  
1965 - 2018 (En MWh)**

AÑO	ACAJUTLA		SOYAPANGO		SAN MIGUEL		NIRAYALLE		NEJAPA POWER		HOLCOM 1/		INE	
	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA
1965	13,017.1	12,739.4												
1966	33,471.5	31,842.1												
1967	72,080.7	66,550.9												
1968	137,023.2	128,565.0												
1969	103,321.1	94,824.8												
1970	171,908.6	157,074.3												
1971	216,397.2	197,812.8												
1972	364,537.5	339,556.7	1,580.2	1,563.0										
1973	368,594.0	342,989.2	56,758.5	56,373.4										
1974	407,865.7	380,140.6	22,223.6	21,976.3										
1975	435,290.9	406,262.4	102,964.4	102,444.8										
1976	412,422.4	383,316.2	17,358.2	16,973.0										
1977	341,211.1	316,938.9	14,935.8	14,547.6										
1978	152,146.2	137,155.7	3,406.5	3,123.3										
1979	5,339.2	3,083.1	2,490.8	2,294.4										
1980	17,075.3	13,945.9	5,256.8	5,065.5										
1981	42,582.7	31,433.4	17,003.8	16,715.7										
1982	67,033.6	59,058.1	14,204.4	13,881.8										
1983	57,488.9	51,381.1	8,043.5	7,866.4										
1984	50,709.1	44,700.0	6,128.2	6,014.0	7,940.0	7,899.0								
1985	80,035.8	72,338.8	12,989.6	12,801.6	20,002.3	19,896.3								
1986	34,366.4	30,891.0	9,107.0	9,035.0	22,537.8	22,433.0	1,467.1	1,439.0						
1987	272,828.1	255,694.9	23,051.6	22,928.6	22,916.9	22,837.3	5,470.0	5,333.4						
1988	194,684.4	181,546.9	26,476.7	26,299.4	27,905.7	27,821.9	0.0	0.0						
1989	145,553.0	131,128.0	7,201.4	7,110.1	11,204.5	11,154.8	0.0	0.0						
1990	136,980.9	124,859.7	2,757.6	2,711.3	11,002.1	10,939.8	0.0	0.0						
1991	359,551.4	334,442.3	133,262.9	132,638.6	72,537.1	72,358.0	38,316.6	36,899.0						
1992	377,352.5	351,244.1	83,530.9	83,084.9	78,024.5	77,816.9	36,427.4	34,885.5						
1993	836,556.1	808,570.1	0.0	0.0	38,610.2	38,468.1	9,380.0	8,808.7						
1994	1,149,651.4	1,119,619.5	28,433.8	28,127.8	98,843.5	98,552.5	14,753.5	13,948.3						
1995	908,677.6	884,017.5	229,819.7	227,063.3	79,931.8	79,695.3	5,550.0	5,245.4	199,710.1	199,710.1				
1996	394,484.4	380,707.5	16,642.6	16,341.3	12,670.3	12,623.3			654,433.7	654,433.7				
1997	737,611.2	709,597.7	24,061.7	23,670.4	12,151.1	12,070.7			925,386.4	925,386.4				
1998	837,855.4	806,835.8	15,989.7	15,732.5	2,566.4	2,539.4			932,564.3	932,564.3				
1999	513,745.4	489,316.6	18,376.4	17,174.0	3,920.5	3,900.5			808,316.0	808,316.0				
2000	486,775.5	468,714.5	46,229.3	45,706.9	10,096.1	10,058.6			929,767.6	891,317.6				
2001	632,854.8	619,771.6	6,920.5	6,820.3	499.5	497.9			927,493.0	892,102.0	179,581.8	172,076.7		
2002	908,221.2	891,485.5	20,226.3	19,934.4	1,410.3	1,405.2			828,044.5	794,252.0	210,257.5	202,325.2		
2003	783,840.2	762,777.4	1,476.4	1,367.9	609.8	605.8			839,072.8	804,874.2	212,637.7	203,157.0		
2004	812,297.4	794,819.3	35,860.3	34,720.3					933,053.0	897,073.0	208,087.7	198,369.1		
2005	947,507.6	919,812.3	26,261.8	25,408.9					798,036.4	763,135.6	188,510.8	179,291.9		
2006	1,031,288.2	1,001,823.6	50,455.7	48,890.7					842,503.0	807,805.0	185,345.9	177,430.0	14,562.9	14,277.1
2007	934,329.6	895,330.7	50,725.2	49,146.6					726,978.1	696,392.5	161,904.2	87,660.9	358,232.7	351,011.0
2008	774,531.7	752,451.3	59,660.7	57,790.7					544,416.4	521,132.7	200,332.5	191,907.5	319,773.6	312,903.0
2009	725,561.8	709,269.6	37,466.0	36,353.0					551,666.4	527,547.4	183,056.4	172,413.7	616,868.3	602,549.9
2010	547,527.7	532,872.7	25,158.6	24,419.6					425,689.6	406,570.7	123,249.7	117,022.2	604,352.4	590,231.5
2011	740,829.1	720,037.6	29,371.0	28,421.3					454,964.2	435,177.7	105,345.6	99,641.4	606,332.7	592,235.0
2012	855,046.0	829,697.3	36,237.2	35,043.4					562,911.3	560,881.2	89,205.2	84,069.2	676,962.3	661,714.1
2013	806,485.4	791,746.5	19,243.0	18,650.9					480,968.8	457,731.1	69,279.4	64,829.7	598,521.0	584,910.9
2014	791,379.9	777,883.0	29,125.0	28,269.5					376,900.1	372,905.1	71,553.3	66,993.6	573,653.9	560,417.3
2015	843,485.6	826,450.1	25,736.6	25,008.7					459,299.2	454,949.2	76,661.9	71,907.8	502,709.5	490,888.9
2016	990,672.1	971,943.7	31,399.9	30,481.3					404,040.8	387,314.0	81,274.4	75,362.8	450,188.6	439,957.6
2017	696,597.0	684,138.7	7,993.0	7,744.5					24,520.3	22,832.0	105,301.7	10,569.9	242,569.0	237,020.7
2018	635,434.8	623,510.2	5,890.3	5,712.4					72,053.5	68,978.8	0.0	0.0	218,294.8	213,270.0

**CUADRO 15: GENERACION BRUTA Y NETA POR CENTRALES TERMICAS  
1965 - 2018 (En MWh)**

AÑO	TEXTUFIL		GECSA		BOREALIS		HILCASA		TERMOPUERTO		TOTAL	
	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA
1965											13,017.1	12,739.4
1966											33,471.5	31,842.1
1967											72,080.7	66,550.9
1968											137,023.2	128,565.0
1969											103,321.1	94,824.8
1970											171,908.6	157,074.3
1971											216,397.2	197,812.8
1972											366,117.7	341,119.7
1973											425,352.5	399,362.6
1974											430,089.3	402,116.9
1975											538,255.3	508,707.2
1976											429,780.6	400,289.2
1977											356,146.9	331,486.5
1978											155,552.7	140,279.0
1979											7,830.0	5,377.5
1980											22,332.1	19,011.4
1981											59,956.5	48,149.1
1982											81,238.0	72,939.9
1983											65,532.4	59,247.5
1984											64,777.3	58,613.0
1985											113,027.7	105,036.7
1986											67,478.3	63,798.0
1987											324,266.6	306,794.2
1988											249,066.8	235,668.2
1989											163,958.9	149,392.9
1990											150,740.6	138,510.8

1991											604,068.0	576,337.9
1992											575,335.3	547,031.4
1993											884,946.3	855,846.9
1994											1,291,682.2	1,260,248.1
1995											1,423,689.2	1,395,731.6
1996											1,078,231.0	1,064,105.7
1997											1,699,210.4	1,670,725.2
1998											1,788,975.8	1,757,672.0
1999											1,344,358.3	1,318,707.1
2000											1,472,868.5	1,415,797.6
2001											1,747,349.6	1,691,268.5
2002											1,968,159.9	1,909,402.2
2003											1,837,636.8	1,772,782.3
2004											1,989,268.4	1,924,981.7
2005											1,960,316.6	1,887,648.6
2006	227,621.1	216,172.8									2,351,776.8	2,266,399.2
2007	228,543.0	216,122.7	4,303.0	4,063.9	75,625.4	73,522.7					2,540,641.2	2,373,251.0
2008	192,009.0	181,975.0	59,817.0	57,384.0	76,020.8	74,264.0	14,266.7	13,886.8			2,240,828.4	2,163,695.0
2009	219,987.1	216,398.1	71,947.4	68,105.3	72,124.7	69,489.5	48,615.3	47,190.5			2,527,293.3	2,449,316.9
2010	204,739.6	201,009.6	60,553.3	56,547.0	57,600.6	54,972.6	39,137.3	38,055.1			2,088,008.8	2,021,700.9
2011	200,493.9	190,869.6	48,913.9	43,553.9	40,673.1	39,146.7	27,762.8	27,043.7			2,254,686.3	2,176,126.7
2012	227,337.9	224,400.9	9,725.0	9,239.9	8,361.6	8,361.6	14,482.0	14,178.6			2,480,268.5	2,427,586.2
2013	180,414.28	182,758.7	5,276.0	4,830.1	4,146.7	4,045.6	4,936.2	4,821.5	302,909.1	301,739.2	2,481,179.8	2,416,064.1
2014	173,678.08	165,985.9	7,158.3	6,808.4	4,983.6	4,862.0	4,525.0	4,436.6	475,770.0	473,646.7	2,508,328.1	2,462,208.1
2015	107,319.21	102,233.1	13,764.5	13,079.7	7,451.4	7,269.7	948.7	927.8	495,000.9	492,775.3	2,532,377.6	2,485,490.3
2016	58,491.58	58,491.6	6,670.2	6,298.5	4,358.1	4,251.8	338.2	331.9	477,116.4	462,867.3	2,504,550.3	2,437,300.3
2017	18,989.31	18,989.3	1,054.3	1,000.9			83.5	81.5	302,070.7	293,217.7	1,399,337.0	1,275,752.2
2018	25,265.41	25,265.4	625.1	33.4	1,011.3	986.6	578.4	568.4	240,820.0	233,185.9	1,199,973.6	1,171,511.1

Fuente: Empresas Generadoras.

<sup>1/</sup> Hasta 2010 Cemento de El Salvador (CESSA).

<sup>2/</sup> Generación a base de bagazo de caña.



**CUADRO 15A: GENERACIÓN BRUTA Y NETA POR CENTRALES DE BIOMASA  
2002 - 2018 (En MWh)**

AÑO	CASSA (IZALCO) <sup>1/</sup>		CHAPARRASTIQUE		EL ANGEL		LA CABAÑA		JIBOA <sup>2/</sup>		TOTAL	
	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA
2002											0.0	0.0
2003	40,914.5	12,136.4									40,914.5	12,136.4
2004	60,516.1	62,419.9									60,516.1	62,419.9
2005	89,348.8	50,421.5									89,348.8	50,421.5
2006	142,979.4	92,011.1									142,979.4	92,011.1
2007	145,190.1	90,397.2									145,190.1	90,397.2
2008	157,538.2	98,233.6			10,552.0	4,800.2	6,167.5	3,302.4			174,257.7	106,336.1
2009	151,547.5	95,999.1			54,587.4	32,582.4	25,849.6	14,413.2			231,984.4	142,994.7
2010	174,361.8	109,381.3			71,455.1	42,813.9	36,917.0	27,460.9			282,733.9	179,656.1
2011	187,324.7	108,881.5			69,018.1	39,115.0	26,951.4	18,021.2			283,294.2	166,017.7
2012	205,256.0	130,152.8			96,182.9	55,861.1	41,860.2	16,938.9			343,299.1	202,952.8
2013	237,761.4	138,792.0			116,817.9	73,562.8	42,617.0	16,239.9			397,196.3	228,594.7
2014	240,704.2	133,446.5			120,345.2	78,130.3	43,655.2	17,053.6			404,704.6	228,630.4
2015	372,929.3	257,009.1			112,336.7	68,149.4	35,470.5	11,779.4			520,736.5	336,937.9
2016	332,363.7	222,879.9			191,321.8	130,696.0	77,375.5	41,250.0			601,060.9	394,825.9
2017	144,938.7	77,895.4	219,496.2	167,578.3	191,868.4	134,248.8	87,378.5	53,235.0	30,447.4	6,119.2	674,129.2	439,076.7
2018	147,471.7	85,591.7	205,561.0	155,952.6	185,060.1	133,249.6	77,603.7	49,267.3	93,816.4	65,821.0	709,512.9	489,882.1

Fuente: Empresas Generadoras.

Generación a base de bagazo de caña.

<sup>1/</sup> Del 2003 a 2016 en CASSA se reportaba el ingenio Chaparrastique y Central Izalco, a partir de 2017 en CASSA solo se reporta la Central Izalco.

<sup>2/</sup> A partir del 2017 se reportaran los registro del ingenio Jiboa en el Mercado Minorista.

**CUADRO 16A: GENERACIÓN POR CENTRALES SOLARES 2016 - 2018 (En MWh)**

AÑOS	PROVIDENCIA SOLAR		TOTAL	
	BRUTA	NETA	BRUTA	NETA
2016	0.0	0.0	0.00	0.00
2017	94,922.1	94,783.4	94,922.12	94,783.38
2018	129,244.5	128,831.3	129,244.50	128,831.32

FUENTE: PROVIDENCIA SOLAR.

**CUADRO 16: GENERACIÓN POR CENTRALES GEOTÉRMICAS  
1975 - 2018 (En MWh)**

AÑOS	BERLIN		AHUACHAPÁN		TOTAL	
	BRUTA	NETA	BRUTA	NETA	BRUTA	NETA
1975	0.0	0.0	72,330.6	66,968.8	72,330.6	66,968.8
1976	0.0	0.0	279,800.0	260,061.8	279,800.0	260,061.8
1977	0.0	0.0	400,051.0	375,125.7	400,051.0	375,125.7
1978	0.0	0.0	391,025.0	361,644.9	391,025.0	361,644.9
1979	0.0	0.0	392,183.0	369,528.3	392,183.0	369,528.3
1980	0.0	0.0	390,502.0	365,300.0	390,502.0	365,300.0
1981	0.0	0.0	612,282.0	573,441.7	612,282.0	573,441.7
1982	0.0	0.0	513,393.0	474,556.7	513,393.0	474,556.7
1983	0.0	0.0	522,992.0	478,984.3	522,992.0	478,984.3
1984	0.0	0.0	531,642.0	488,430.0	531,642.0	488,430.0
1985	0.0	0.0	421,990.0	379,644.2	421,990.0	379,644.2
1986	0.0	0.0	372,750.0	333,702.0	372,750.0	333,702.0
1987	0.0	0.0	434,516.0	398,488.1	434,516.0	398,488.1
1988	0.0	0.0	429,962.0	397,109.6	429,962.0	397,109.6
1989	0.0	0.0	440,867.0	406,564.7	440,867.0	406,564.7
1990	0.0	0.0	418,703.0	384,266.9	418,703.0	384,266.9
1991	0.0	0.0	424,537.6	391,628.8	424,537.6	391,628.8
1992	23,134.2	22,954.2	367,729.5	336,293.1	390,863.7	359,247.3
1993	17,445.8	17,330.7	362,195.8	333,181.6	379,641.6	350,512.2
1994	35,900.9	35,621.1	370,787.9	337,497.4	406,688.8	373,118.5
1995	56,349.2	55,873.4	386,331.8	354,194.8	442,681.0	410,068.2
1996	60,386.8	59,898.4	370,180.8	339,936.1	430,567.6	399,834.5
1997	65,838.3	65,311.1	420,406.1	388,152.4	486,244.4	453,463.5
1998	58,406.3	57,909.7	392,780.6	360,483.4	451,186.9	418,393.1
1999	163,939.2	155,778.2	433,713.2	402,069.3	597,652.4	557,847.5
2000	406,058.0	386,788.2	380,168.4	352,063.2	786,226.4	738,851.4
2001	442,516.0	418,380.0	523,875.0	488,477.0	966,391.0	906,857.0
2002	477,382.8	453,049.6	515,736.2	483,329.1	993,119.0	936,378.7
2003	485,908.0	461,987.0	540,175.0	504,222.0	1,026,083.0	966,209.0
2004	458,413.7	433,928.2	552,683.7	514,156.2	1,011,097.4	948,084.5
2005	452,055.1	427,720.8	598,452.5	557,463.6	1,050,507.6	985,184.4
2006	464,459.1	440,009.0	675,980.3	629,570.6	1,140,439.4	1,069,579.6
2007	726,191.3	685,145.8	655,467.8	607,891.9	1,381,659.1	1,293,037.7
2008	801,582.4	752,367.0	717,554.2	668,573.3	1,519,136.5	1,420,940.3
2009	805,588.8	755,434.4	718,353.9	665,426.0	1,523,942.7	1,420,860.4
2010	831,065.7	777,639.8	694,062.1	649,818.1	1,525,127.8	1,427,457.9
2011	837,233.5	784,164.5	697,149.8	645,808.6	1,534,383.31	1,429,973.1
2012	840,354.9	780,981.5	695,027.8	639,441.9	1,535,382.78	1,420,423.4
2013	885,324.5	824,034.8	674,290.3	618,345.2	1,559,614.72	1,442,379.9
2014	877,916.1	821,361.0	679,724.8	622,500.0	1,557,640.90	1,443,861.0
2015	884,588.2	830,636.3	655,098.1	601,781.5	1,539,686.24	1,432,417.7
2016	893,869.0	839,229.0	681,648.4	627,927.1	1,575,517.34	1,467,156.1
2017	881,252.8	825,039.5	687,864.1	634,895.9	1,569,116.87	1,459,935.4
2018	858,651.6	803,233.8	686,625.3	634,018.8	1,545,276.90	1,437,252.7

Fuente: LaGeo.