

**Cuadro No.5**  
**Energía Generada en el Sistema Interconectado Nacional (GWh)**  
**Periodo 2009- 2018**

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Sistemas	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Total General</b>	<b>6,567.3</b>	<b>6,746.8</b>	<b>7,168.6</b>	<b>7,578.3</b>	<b>7,856.1</b>	<b>8,134.0</b>	<b>8,611.4</b>	<b>8,977.6</b>	<b>9,674.0</b>	<b>9,886.0</b>
Hidráulica Estatal	2,539.6	2,707.5	2,468.6	2,399.4	2,275.1	1,882.1	1,623.9	1,367.1	1,889.7	2,139.2
Térmica Estatal	28.7	23.4	25.4	38.1	49.3	40.8	45.0	18.8	23.1	30.7
Hidráulica Privada	257.2	372.8	346.5	387.3	464.1	720.2	716.1	982.4	1,198.4	1,122.6
Térmica Privada	3,579.1	3,472.7	4,001.6	4,157.9	4,450.5	4,595.4	4,668.2	4,385.8	3,887.6	3,614.7
Biomasa	156.3	148.1	164.5	181.5	192.4	176.8	324.8	573.5	752.2	694.6
Eólica			116.7	338.3	310.2	398.3	664.6	574.1	578.1	928.7
Fotovoltaica							417.2	880.8	923.7	992.8
Geotérmica									92.6	297.1
Desviaciones	5.8	0.2	0.9							
Importaciones	0.8	22.1	44.3	75.8	114.6	320.4	151.7	195.2	328.6	65.6
<b>Hidroeléctrica Estatal</b>	<b>2,539.6</b>	<b>2,707.5</b>	<b>2,468.6</b>	<b>2,399.4</b>	<b>2,275.1</b>	<b>1,882.1</b>	<b>1,623.9</b>	<b>1,367.1</b>	<b>1,889.7</b>	<b>2,139.2</b>
El Cajón	1,689.0	1,812.2	1,564.0	1,525.4	1,411.4	1,125.3	969.0	1,010.1	1,266.1	1,626.0
Río Lindo	591.7	581.2	577.5	582.2	574.5	499.3	469.3	216.4	397.7	366.8
Cañaveral	192.3	183.8	188.9	186.6	186.1	154.9	148.5	57.4	118.8	87.6
El Nispero	42.8	56.2	79.3	64.7	70.6	74.0	12.7	54.6	57.1	26.2
Santa María del Real	3.2	1.7	0.8	1.0	1.4	1.5	4.9	3.0	2.8	1.3
Coyolar								2.6	43.0	0.7
Nacaome	20.6	72.4	58.0	39.5	31.1	27.1	19.5	22.9	4.3	30.6
<b>Térmica Estatal</b>	<b>28.7</b>	<b>23.4</b>	<b>25.4</b>	<b>38.1</b>	<b>49.3</b>	<b>40.8</b>	<b>45.0</b>	<b>18.8</b>	<b>23.1</b>	<b>30.7</b>
Santa Fe	0.1	0.0	0.2	0.1	0.0	0.5	0.2	0.2	0.1	0
La Ceiba	28.5	22.9	24.5	36.5	47.8	33.1	42.9	14.1	21.8	30.2
LP_Hitachi	0.1	0.4	0.6	1.1	0.5	5.2	0.5	3.2	0.7	0.5
LP_Gen_Elec	0.0	0.1	0.2	0.4	1.0	2.0	1.3	1.3	0.5	0
<b>Térmica Privada</b>	<b>3,579.1</b>	<b>3,472.7</b>	<b>4,001.6</b>	<b>4,157.9</b>	<b>4,450.5</b>	<b>4,595.4</b>	<b>4,668.2</b>	<b>4,385.8</b>	<b>3,887.6</b>	<b>3,614.7</b>
Laeisz San Isidro							4.8	76.2	68.7	76.3
Celsur	63.2	0.0	63.7	52.0	56.8	66.1	39.4	28.7		
Elcatex	3.2	1.6	0.0	10.1	21.5	23.5	17.7	1.5	93.8	80.1
Elcosa	142.6	110.4	181.3	190.7	164.9	276.5	386.3	327.9	179.0	46.9
Emce Choloma	70.0	86.4	150.8	166.2	203.1	166.5	146.1	134.8	54.2	53.5
Emce La Ceiba	2.6									
Enersa	1,320.9	1,339.6	1,528.7	1,634.7	1,657.9	1,659.8	1,680.5	1,582.2	1,423.0	1,325.7
Enersa ( Exceso de 30 MWh)	59.0	93.9	131.1	91.6	142.3	164.2	125.1	85.3	59.5	8.6
Envasa (Maquila Carbon)	45.2	46.5	40.9	43.8	39.2	45.1	54.3	8.8	2.0	
Green Valley (ParkDale)	30.9	8.8	17.3	27.9	23.0	24.3	10.9	13.2	92.1	82.4
Laeisz Ceiba										6.1
Lufussa I	0.7	0	5.1	3.5	1.1					
Lufussa Convenio ENEE	55.1	6.4	96.4	48.5	117.0	108.5	96.6	65.3	43.4	0.6
Lufussa II (Valle)	99.2	157.4	124.9	144.9	207.2	175.7	160.2	114.5	37.3	71.8
Lufussa III	1,680.5	1,602.6	1,626.7	1,707.6	1,766.9	1,738.1	1,749.9	1,623.4	1,209.7	805.6
Vetasa Cortes						97.6	104.7	48.9		
Nac de Ingenieros (Nainsa)	6.0	19.0	34.8	36.4	49.4	49.5	62.5	24.2	22.3	
Laeisz Juticalpa								1.1	8.3	12.2
Cogenera							29.1	66.8	60.5	48.6
Becosa								183.2	534.1	793.9
Jaguar										90.9
Orazul										107.8
Quetzal Guatemala										3.7

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Sistemas	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Hidroeléctrica Privada</b>	<b>257.2</b>	<b>372.8</b>	<b>346.5</b>	<b>387.3</b>	<b>464.1</b>	<b>720.2</b>	<b>716.1</b>	<b>982.4</b>	<b>1,198.4</b>	<b>1,122.6</b>
Babilonia ( Energisa )	23.7	30.9	26.3	28.9	24.9	24.6	24.9	25.6	30.9	20.3
Cececapa ( Congelsa )	17.0	15.4	17.8	18.8	19.7	17.8	15.1	14.7	17.6	14.4
Chamelecon					43.1	64.0	56.8	43.0	70.7	50.4
Coronado	9.6	41.9	61.0	38.1	35.3	33.1	35.4	30.5	40.0	35.1
Cortecito	20.4	26.7	18.5	22.1	25.0	23.5	20.4	23.7	21.8	17.1
Cuyamapa	53.6	64.7	41.1	63.6	65.0	61.9	46.4	28.7	57.9	54.9
Cuyamel	33.9	42.7	23.1	42.3	44.4	40.3	31.2	39.9	39.9	35.1
El Cisne			1.8	3.6	3.5	3.6	3.3	2.8	3.4	2.4
La Esperanza	31.5	52.8	50.9	36.6	34.0	32.0	22.5	20.4	42.2	17.8
Las Glorias	5.1	30.4	28.5	22.4	28.7	24.4	22.7	26.6	27.3	23.4
Las Nieves	1.0	0.8	1.1	1.0	0.4	0	0	2.0		
Los Laureles				3.1	5.8	5.3	3.0	5.7	4.6	4.0
Mangungo 1			8.4	8.7	10.2	9.9	8.6	18.9	9.1	9.5
Morjas I-II					21.9	42.6	33.2	32.4	46.8	25.4
Río Blanco	38.8	38.7	36.2	37.9	36.7	37.6	37.2	32.2	38.6	38.5
San Carlos	16.5	21.7	26.5	18.0	20.0	19.2	16.4	19.5	17.9	15.4
San Juan (Contempo)				37.1	40.4	34.3	37.2	42.6	37.6	38.0
Yojoa	2.8	3.1	2.3	2.4	2.5	3.1	2.4	2.1	2.4	5.5
Zacapa ( Cenit )	3.1	3.0	2.9	2.5	2.6	2.4	2.1	1.7	2.6	2.3
Aurora I						23.2	20.9	17.6	28.6	21.7
San Martin						12.7	16.1	15.1	18.9	15.9
Peña Blanca						5.2	5.6	4.6	7.0	5.9
Genera ( Los Laureles)						26.2	24.0	30.3	29.7	27.5
La Vegona						153.2	160.1	161.8	192.8	240.2
Matarras						6.8	8.1	11.3	9.6	8.1
Río Guineo						1.9	3.9	3.3	4.2	4.7
Mesapa (SEMSA)						11.7	29.7	44.7	42.5	42.7
Puringla Sazagua							18.9	26.6	39.3	29.3
Zinguizapa							8.7	16.1	18.6	14.3
Río Betulia							1.4	18.7	23.8	21.2
Shol								90.7	128.4	103.6
Hidro Xacbal								118.4	117.5	104.3
Canjel							0.04	6.0	10.9	7.4
Quilio								2.7	4.3	3.6
Agua Verde								1.8	6.2	6.7
Chachaguala									4.5	9.4
PHP Nispero 2										19.8
Churune ( INVERSA)										12.5
Corral de Piedras (ENERCO)										1.6
Pencaligüe										12.4
<b>Biomasa</b>	<b>156.3</b>	<b>148.1</b>	<b>164.5</b>	<b>181.5</b>	<b>192.4</b>	<b>176.8</b>	<b>324.8</b>	<b>573.5</b>	<b>752.2</b>	<b>694.6</b>
Aceydesa			3.2	5.1		4.7	4.7	2.0	2.4	5.6
Azunosa			18.2	17.7		5.3	11.5	16.0	15.8	27.9
Cahsa	11.1	11.0	40.1	41.8	18.6	38.7	37.0	43.2	62.5	78.8
Celsur	43.8	39.8	49.3	52.7	41.9	50.0	55.6	53.6	98.6	119.9
Chumbagua	43.9	53.5	8.6	16.9	62.4	25.1	25.3	27.4	54.0	50.6
Ecopalsa	9.6		8.0	6.1	27.4	4.8	7.3	4.2	8.9	4.0
Eda	0.1				6.3					
La Grecia			17.7	21.7	0	22.3	14.9	17.1	45.1	20.9
Lean	25.7	21.4	0.0	0.0	13.8					
Tres Valles		0.0	18.8	19.0	21.4	18.7	23.8	22.3	77.9	86.3
Yodeco	22.0	22.4	0.7	0.5	0.6	1.0	0.4	0.3	0.5	0.3
Merendon						6.2	90.7	121.5	102.8	126.0
Caracol Knits							53.2	75.0	82.8	16.4
Palmasa							0.4	0.1	0.1	0.1
Biogas y Energia S.A.								4.7	6.8	3.6
Exportadora del Atlantico								0.8	1.7	1.3
Honduras HPGC (GPP)								185.4	192.3	153.0

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Sistemas	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Eolica</b>			<b>116.7</b>	<b>338.3</b>	<b>310.2</b>	<b>398.3</b>	<b>664.6</b>	<b>574.1</b>	<b>578.1</b>	<b>928.7</b>
Mesoamerica			116.7	338.3	310.2	373.6	459.7	418.9	409.3	466.9
San Marcos						24.7	204.9	155.2	149.2	228.7
Chinchayote									19.6	233.1
<b>Fotovoltaica</b>							<b>417.2</b>	<b>880.8</b>	<b>923.7</b>	<b>992.8</b>
Enerbasa							23.1	40.3	39.9	41.4
Marcovia							40.9	86.1	82.6	82.9
Cohessa							72.2	128.5	124.5	124.3
Soposa							72.1	128.2	124.1	123.6
Mecer							32.6	63.1	57.3	56.4
Llanos del Sur							13.3	28.1	27.1	27.0
Los Pollitos							15.7	31.4	31.0	30.0
Fotersa							18.6	42.1	37.7	44.5
Cinco Estrellas							45.8	116.3	113.8	113.6
Choluteca Uno							16.9	44.3	42.3	44.4
Choluteca Dos							25.2	64.3	61.9	65.6
Proderssa							40.8	98.8	97.2	97.5
Pacific (Nacaome 1)								9.3	34.3	47.1
Helios									41.5	64.3
Lajas									8.5	15.5
Fray Lazaro									0.03	2.93
Prados Sur										11.90
<b>Geotérmica</b>									<b>92.6</b>	<b>297.1</b>
Geoplatanares									92.6	297.1
<b>Importaciones</b>	<b>0.8</b>	<b>22.1</b>	<b>44.3</b>	<b>75.8</b>	<b>114.6</b>	<b>320.4</b>	<b>151.7</b>	<b>195.2</b>	<b>328.6</b>	<b>65.6</b>
Nicaragua			0.2							
Costa Rica		1.0	0.8	2.3	1.2					
Panamá		0.4	0.8	22.7	10.2	41.8	13.5	5.5	16.1	
El Salvador	0.1	20.6	36.0	39.6	10.2	6.2	4.4	11.2	8.9	9.8
Guatemala			6.6	9.6	83.4	157.8	9.1	118.7	256.5	1.8
Mercado Oportunidad Regional	0.6	0.1	0.01	1.7	9.6	114.5	124.7	59.7	47.0	54.1