



Unidad de Transacciones, S.A.

Informe Estadístico Diciembre - 2010

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de Electricidad de El Salvador
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Referencias

- Variación Mensual: Relación entre el mes actual y el mes anterior.
- Variación Anual: Relación entre el mes actual y el mismo mes del año anterior.
- Acumulado Anual: Relación del promedio acumulado del año y el mismo período del año anterior.
- Variación de 3 meses: Relación entre el promedio móvil de 3 meses del período actual y el mismo período del año anterior.
- Variación de 12 meses: Relación entre el promedio móvil de 12 meses del período actual y el mismo período del año anterior.

Resumen

| Energía Transada | | GWh | % |
|--------------------------------------|---------------------------------------|------------------|------------------------|
| | Hidroeléctrica | 100.8 | 21.6% |
| | Geotérmica | 125.0 | 26.7% |
| | Térmica | 205.3 | 43.9% |
| | Importaciones | 34.7 | 7.4% |
| | Desvíos | 1.9 | 0.4% |
| Total inyecciones MME | | 467.8 | 100.0% |
| (-) | Exportaciones | 0.4 | |
| | Desvíos | 2.4 | |
| | Pérdidas de transmisión ^{1/} | 7.5 | 1.6% |
| | | 457.5 | |
| Demanda MME | | GWh | % |
| | Mercado de Contratos | 131.7 | 29% |
| | Mercado Regulador del Sistema | 325.8 | 71% |
| Total Demanda en el MME | | 457.5 | 100.0% |
| Energía de Paso | | Retiro | Inyección |
| | Guatemala | 0.0 | 0.0 |
| | Honduras | 0.0 | 0.0 |
| Precios MRS | | \$/MWh | |
| Promedio mensual^{2/} | | \$ 137.41 | |
| Demanda Máxima de Potencia | | MW | Fecha/hora |
| | Máxima | 891 | 07-Dic-10 18:30 |
| | Mínima | 351 | 25-Dic-10 6:30 |

1/ Como porcentaje de la inyección.

2/ Nota: a partir del 21 de abril 2005, los precios de compra en el MRS se han calculado en base al Acuerdo No. 78-E-2005 y sus respectivas modificaciones, emitidas por la Superintendencia General de Electricidad y Telecomunicaciones.

Inyecciones

| Rubros | Diciembre 2010 | | Var. % | Acumulado Anual ^{2/} | | Últimos 3 meses ^{2/} | | Últimos 12 meses ^{2/} | |
|--|----------------|----------------------|---------------------|-------------------------------|------------|-------------------------------|------------|--------------------------------|------------|
| | GWh | Var. % ^{2/} | Anual ^{2/} | GWh | Var. % | GWh | Var. % | GWh | Var. % |
| Generación nacional transada | 431.2 | -1.5 | -8.9 | 5,650.6 | 3.8 | 451.4 | -3.5 | 470.9 | 3.8 |
| Intercambios Internacionales (+/-) ^{1/} | 33.8 | 13.2 | -1,457.0 | 85.2 | -34.3 | 23.6 | -2,722.2 | 7.1 | -34.3 |
| Pérdidas de transmisión | 7.5 | -3.4 | 5.8 | 100.9 | 9.9 | 8.2 | 10.6 | 8.4 | 9.9 |
| Demanda Mercado Mayorista | 457.5 | -0.6 | -1.4 | 5,636.9 | 2.6 | 466.7 | 1.4 | 469.7 | 2.5 |

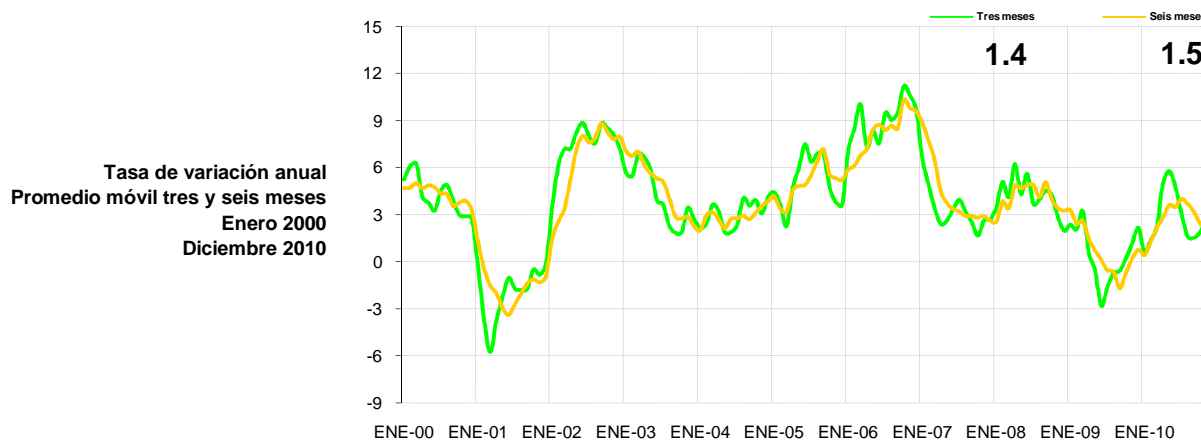
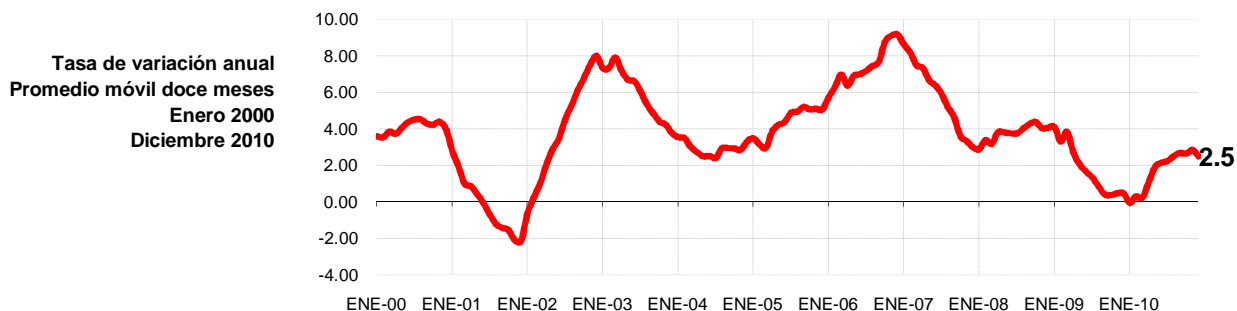
^{1/} Signo (+) : Saldo comercial neto a favor de importaciones

Signo (-) : Saldo comercial neto a favor de exportaciones

Incluye desvíos

^{2/} Para el detalle de los períodos ver el apartado de Referencias de la Pág. 3.

Comportamiento de la demanda de energía en el Mercado Mayorista de Electricidad



Inyecciones Por Recurso Inyectado

| Participante de mercado | Diciembre 2010 | | Var. % | Acumulado Anual ^{2/} | | Últimos 3 meses ^{2/} | | Últimos 12 meses ^{2/} | |
|-------------------------|----------------|----------------------|---------------------|-------------------------------|--------|-------------------------------|--------|--------------------------------|--------|
| | GWh | Var. % ^{2/} | Anual ^{2/} | GWh | Var. % | GWh | Var. % | GWh | Var. % |
| Hidroeléctrica | 100.8 | -23.9 | -6.1 | 2,079.1 | 38.6 | 150.0 | 28.6 | 173.3 | 38.6 |
| Geotérmica | 125.0 | 8.9 | -5.6 | 1,421.1 | 0.0 | 122.1 | -2.4 | 118.4 | 0.0 |
| Térmica | 205.3 | 7.9 | -12.0 | 2,150.3 | -14.8 | 179.3 | -20.6 | 179.2 | -14.8 |
| Iny. Nacional | 431.2 | | | | | | | | |
| Importaciones | 34.7 | 12.2 | 210.8 | 174.2 | -16.4 | 27.0 | 175.6 | 14.5 | -16.4 |
| Total inyectado | 465.9 | | | | | | | | |

^{1/} Incluye pérdidas por transmisión

^{2/} Para el detalle de los períodos ver el apartado de Referencias de la Pág. 3.

Inyección Nacional por Participante de Mercado

| Participante de mercado | Diciembre 2010 | | Var. % | Acumulado Anual ^{2/} | | Últimos 3 meses ^{2/} | | Últimos 12 meses ^{2/} | |
|-------------------------|----------------|----------------------|---------------------|-------------------------------|--------|-------------------------------|--------|--------------------------------|--------|
| | GWh | Var. % ^{2/} | Anual ^{2/} | GWh | Var. % | GWh | Var. % | GWh | Var. % |
| Cel | 100.8 | -23.9% | -6.1% | 3,579.6 | 107.5% | 150.0 | 28.6% | 173.3 | 38.6% |
| Nejapa Power | 32.2 | -14.0% | -22.5% | 934.1 | 91.7% | 31.1 | -37.2% | 33.9 | -22.9% |
| Duke Energy | 48.0 | -2.2% | -15.0% | 1,304.0 | 84.0% | 45.6 | -27.0% | 46.5 | -25.3% |
| LaGeo | 125.0 | 8.9% | -5.6% | 2,842.0 | 94.6% | 122.1 | -2.4% | 118.4 | 0.0% |
| Cessa | 4.9 | 14.4% | -33.6% | 138.6 | 69.9% | 3.9 | -44.1% | 4.6 | -33.4% |
| Cassa | 20.2 | 109.2% | 18.6% | 205.5 | 72.5% | 0.0 | - | 15.6 | 13.1% |
| Textufl | 15.7 | -23.4% | -13.7% | 418.8 | 86.6% | 18.2 | 4.0% | 16.7 | -7.9% |
| Ine, S.A. | 58.9 | 14% | -9% | 1,203.1 | 118.1% | 53.0 | -16.3% | 50.0 | -0.4% |
| AES Clesa | 0.0 | 2519% | 0% | 0.1 | 66.1% | | | 0.0 | 8.5% |
| Borealis | 4.1 | -11% | -45% | 124.0 | 84.1% | 4.0 | -26.6% | 4.6 | -20.9% |
| Gecsa | 4.7 | 3% | -29% | 125.0 | 92.5% | 4.4 | -32.5% | 4.7 | -16.6% |
| Inmobiliaria Apopa | 3.2 | -6% | -19% | 85.3 | - | 3.0 | -22.6% | 3.2 | -19.3% |
| Ing. El Angel | 7.8 | | 32% | 92.7 | - | - | 74.5% | 6.1 | - |
| Ing. La Cabaña | 5.6 | 122% | 46% | 42.7 | - | - | 105.4% | 4.0 | - |
| DELSUR | 0.1 | | | | | | | | |
| Total | 431.2 | | | 11,095.5 | | | | | |

^{1/} Inyecciones provenientes de la red de distribución

^{2/} Para el detalle de los períodos ver el apartado de Referencias de la Pág. 3.

*/ Variaciones mayores de 2000% no se detallan

Tipo de Mercado (GWh)

| Mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| MC | 151.5 | 142.1 | 159.8 | 148.9 | 159.9 | 156.3 | 145.5 | 141.4 | 140.8 | 137.7 | 129.5 | 131.7 | 1,745.1 |
| MRS | 303.8 | 302.0 | 340.8 | 331.9 | 330.1 | 306.4 | 332.0 | 323.2 | 320.3 | 344.6 | 330.9 | 325.8 | 3,891.8 |
| Total | 455.3 | 444.1 | 500.7 | 480.9 | 490.0 | 462.8 | 477.4 | 464.6 | 461.1 | 482.2 | 460.4 | 457.5 | 5,636.9 |

MC: Mercado de Contratos

MRS: Mercado Regulador del Sistema

Contratos de Inyección (GWh)

| Participante de mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Excelergy | 7.5 | 7.5 | 7.2 | 7.0 | 7.8 | 6.8 | 8.7 | 7.8 | 8.1 | 8.5 | 0.0 | 0.0 | 77.1 |
| Cenérgica | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Origem | 3.4 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 5.7 |
| Caess | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Delsur | 0.0 | 0.0 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 14.7 |
| AES Clesa | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cel | 25.9 | 24.7 | 25.7 | 24.9 | 27.1 | 28.5 | 43.0 | 48.5 | 36.4 | 31.6 | 28.2 | 28.7 | 373.2 |
| Nejapa | 51.8 | 47.3 | 50.5 | 43.0 | 49.0 | 47.1 | 29.0 | 23.5 | 25.7 | 21.1 | 27.4 | 26.6 | 442.0 |
| Duke Energy | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| LaGeo | 71.9 | 66.5 | 74.2 | 72.1 | 74.7 | 74.8 | 74.6 | 74.8 | 72.7 | 75.2 | 72.4 | 75.8 | 879.7 |
| Cessa | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 2.3 |
| Cassa | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Lynx | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Merc-Elec | 14.9 | 7.4 | 1.5 | 0.6 | 0.4 | 3.8 | 0.9 | 0.3 | 0.0 | 0.4 | 0.0 | 0.6 | 30.9 |
| Textufl | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 5.2 | 5.0 | 5.2 | 0.2 | 0.0 | 18.6 |
| Ine-Com | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| Borealis | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gecsa | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CECAM | 6.6 | 3.9 | 3.8 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.6 |
| INE | 2.0 | 1.5 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 4.6 | 4.1 | 2.4 | 0.4 | 0.2 | 16.1 |
| C.X. ^{1/} | -32.7 | -18.7 | -5.7 | -2.6 | -0.8 | -6.3 | -15.5 | -25.3 | -13.0 | -8.9 | -0.7 | -1.8 | -132.2 |
| Total | 151.5 | 142.1 | 159.8 | 148.9 | 159.9 | 156.3 | 145.5 | 141.4 | 140.8 | 137.7 | 129.5 | 131.7 | 1,745.1 |

^{1/} CX: Contratos de Exportación

Retiros

Mercado de Contratos de Retiro por Participante de Mercado (GWh)

| Participante de Mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| CAESS | 43.4 | 40.8 | 47.1 | 42.4 | 46.0 | 44.3 | 37.3 | 36.1 | 36.6 | 33.4 | 32.7 | 33.0 | 472.8 |
| DELSUR | 37.8 | 34.2 | 37.8 | 36.6 | 37.8 | 36.5 | 37.8 | 37.8 | 36.6 | 37.8 | 33.6 | 33.6 | 437.9 |
| CLESA | 15.7 | 14.7 | 16.5 | 14.7 | 16.1 | 15.5 | 11.8 | 10.6 | 10.8 | 9.6 | 12.8 | 13.6 | 162.4 |
| EEO | 7.0 | 7.8 | 9.0 | 7.8 | 8.7 | 8.4 | 5.8 | 4.9 | 5.2 | 4.3 | 5.4 | 5.4 | 79.7 |
| DEUSEM | 1.4 | 1.3 | 1.5 | 1.3 | 1.5 | 1.4 | 0.9 | 0.7 | 0.8 | 0.6 | 0.8 | 0.8 | 12.9 |
| B&D | 2.0 | 1.5 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 |
| Edesal | 0.4 | 0.7 | 0.9 | 1.0 | 1.1 | 1.0 | 1.1 | 1.1 | 1.0 | 1.1 | 1.1 | 1.1 | 11.6 |
| CEL-COM | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 3.6 |
| LAGEO-COM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EXCELERGY | 11.9 | 11.0 | 14.3 | 14.1 | 15.2 | 15.4 | 15.9 | 15.1 | 15.3 | 15.4 | 9.2 | 11.8 | 164.6 |
| ORIGEM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| ANDA | 25.6 | 24.4 | 25.4 | 24.6 | 26.8 | 27.4 | 28.4 | 28.4 | 27.5 | 28.4 | 27.5 | 28.4 | 322.6 |
| LYNX | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CESSA | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 2.3 |
| MERC-ELECT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| ABRUZZO | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BOREALIS | 5.7 | 5.3 | 5.9 | 5.9 | 6.2 | 6.0 | 5.2 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 42.7 |
| Hanesbrands | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 4.0 | 6.5 | 6.7 | 5.9 | 3.6 | 27.6 |
| Total MC | 151.5 | 142.1 | 159.8 | 148.9 | 159.9 | 156.3 | 145.5 | 141.4 | 140.8 | 137.7 | 129.5 | 131.7 | 1,745.1 |

Los valores negativos corresponden a desviaciones de contratos inyectadas al MRS.

Mercado Regulador del Sistema por Participante de Mercado (GWh)

| Participante de Mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| CAESS | 137.5 | 137.8 | 152.7 | 150.7 | 151.9 | 144.2 | 153.8 | 147.9 | 146.4 | 159.5 | 152.8 | 147.4 | 1,782.5 |
| DELSUR | 58.5 | 59.9 | 66.5 | 62.6 | 63.3 | 59.4 | 59.7 | 57.6 | 61.1 | 62.2 | 60.6 | 60.3 | 731.6 |
| CLESA | 53.5 | 53.1 | 60.3 | 59.1 | 56.9 | 53.2 | 58.7 | 58.7 | 57.1 | 63.0 | 61.0 | 61.2 | 695.8 |
| EEO | 37.9 | 36.9 | 41.3 | 41.7 | 40.6 | 36.8 | 39.5 | 40.1 | 38.5 | 41.8 | 38.2 | 40.4 | 473.9 |
| DEUSEM | 8.7 | 8.6 | 9.7 | 9.8 | 9.4 | 8.5 | 9.3 | 9.5 | 9.1 | 9.8 | 9.0 | 7.7 | 108.9 |
| B&D | 0.2 | 0.7 | 1.5 | 2.0 | 2.4 | 2.4 | 2.4 | 2.3 | 2.4 | 2.4 | 2.3 | 1.8 | 22.9 |
| Edesal | 1.4 | 1.3 | 1.3 | 1.1 | 1.0 | 0.8 | 0.9 | 0.9 | 0.9 | 0.8 | 1.1 | 0.9 | 12.5 |
| EXCELERGY | -0.1 | 0.0 | -0.1 | -0.1 | 0.0 | -0.1 | -0.1 | -0.1 | -0.1 | 0.1 | 5.2 | 1.5 | 6.1 |
| CEL-COM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| LAGEO-COM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cenergica | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MER-ELEC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| ORIGEM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| LYNX | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abruzzo | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| Edesal-Com | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 7.9 |
| Ine-Com | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Borealis | 1.2 | 1.2 | 1.4 | 1.4 | 1.6 | 1.6 | 1.5 | 2.0 | 1.1 | 1.4 | 0.3 | 0.0 | 14.7 |
| Gecsa | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| ANDA | 2.1 | 0.3 | 2.2 | -0.3 | -1.6 | -4.3 | -2.8 | -3.6 | -2.0 | -2.0 | -2.6 | -1.4 | -16.0 |
| INVINTER | 0.1 | 0.4 | 1.7 | 1.2 | 1.5 | 0.1 | 1.8 | 1.2 | 1.3 | 1.5 | 0.2 | 1.7 | 12.7 |
| CEL | 0.4 | 0.3 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 2.3 |
| Nejapa | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.4 | 0.4 | 0.2 | 0.1 | 0.1 | 1.9 |
| LAGEO | 0.7 | 0.4 | 0.7 | 0.6 | 0.7 | 0.4 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.6 | 7.3 |
| DUKE | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.2 | 0.3 | 3.6 |
| CESSA | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 3.8 | 3.2 | 1.8 | 1.9 | 0.7 | 1.4 | 13.5 |
| CASSA | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.4 | 0.3 | 0.4 | 0.4 | 0.3 | 0.0 | 2.4 |
| INE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.5 |
| Consorcio Int. | 0.6 | 0.5 | 0.6 | 0.7 | 0.6 | 0.9 | 0.9 | 0.8 | 0.7 | 0.9 | 0.8 | 0.7 | 8.4 |
| Textuflil | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| Inm. Apopa | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| Ingenio El Ángel | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.0 | 1.1 |
| Hanesbrands | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.5 | -0.1 | -0.7 | -1.4 | -1.0 | 0.0 | -3.6 |
| Total MRS | 303.8 | 302.0 | 340.8 | 331.9 | 330.1 | 306.4 | 332.0 | 323.2 | 320.3 | 344.6 | 330.9 | 325.8 | 3,891.8 |

5636.9

Comercio Internacional

Importaciones por Participante de Mercado (GWh)

| Participante de mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|-------------|-------------|-------------|--------------|
| CLESA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.3 | 3.1 |
| EXCELERGY | 1.0 | 1.9 | 1.7 | 0.5 | 1.2 | 0.0 | 0.2 | 0.2 | 1.0 | 0.7 | 5.3 | 7.4 | 21.1 |
| CENERGICA | 0.8 | 1.0 | 1.5 | 1.2 | 2.3 | 1.0 | 0.3 | 0.0 | 0.0 | 2.9 | 4.0 | 2.0 | 17.0 |
| MERCELEC | 0.9 | 3.2 | 2.6 | 4.4 | 5.8 | 1.0 | 0.3 | 0.1 | 0.2 | 3.6 | 8.6 | 13.3 | 44.1 |
| ORIGEM | 2.2 | 0.7 | 0.4 | 1.7 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 1.5 | 0.6 | 11.7 |
| LYNX | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CECAM | 5.2 | 3.4 | 7.3 | 10.2 | 10.8 | 5.1 | 1.9 | 0.2 | 0.3 | 3.7 | 8.1 | 7.6 | 63.7 |
| DELSUR | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CENER | 0.7 | 0.2 | 0.3 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.3 | 0.4 | 0.1 | 2.9 |
| INE-Com | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.9 | 2.3 | 1.8 | 1.4 | 2.4 | 10.8 |
| Total | 10.8 | 10.4 | 13.8 | 18.3 | 22.7 | 7.2 | 3.8 | 2.5 | 3.8 | 15.3 | 31.1 | 34.7 | 174.4 |

Exportaciones por Participante de Mercado (GWh)

| Participante de mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|-------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|------------|------------|-------------|
| Excelergy | 1.4 | 0.7 | 0.3 | 0.1 | 0.0 | 0.3 | 3.0 | 5.0 | 1.6 | 1.1 | 0.0 | 0.0 | 13.4 |
| Cenérgica | 2.5 | 0.8 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.2 | 0.7 | 2.4 | 0.2 | 0.2 | 7.4 |
| Merelec | 2.6 | 1.9 | 1.4 | 0.2 | 0.4 | 2.7 | 9.1 | 12.5 | 5.7 | 3.3 | 0.2 | 0.0 | 40.0 |
| Origem | 1.6 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 2.3 |
| Lynx | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abruzzo | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ine-Com | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| Cecam | 5.2 | 2.8 | 3.7 | 2.2 | 0.0 | 0.0 | 3.0 | 2.6 | 3.7 | 2.0 | 0.2 | 0.2 | 25.7 |
| Total | 13.2 | 6.7 | 5.4 | 2.5 | 0.5 | 3.4 | 15.1 | 20.3 | 11.7 | 9.1 | 0.6 | 0.4 | 89.0 |

Comercio Internacional por frontera (GWh)

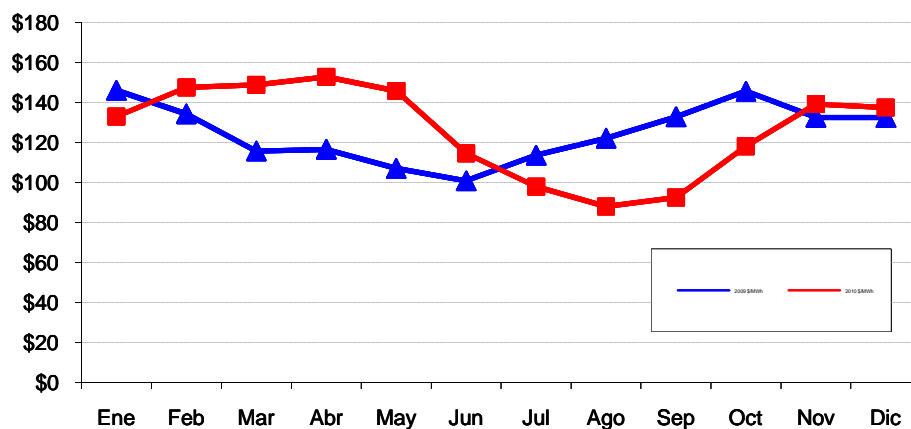
| Meses | Guatemala | | Honduras | | Total | |
|--------------|------------|-------------|-------------|-------------|-------------|--------------|
| | Exportac. | Importac. | Exportac. | Importac. | Exportac. | Importac. |
| ENERO | 4.3 | 9.07 | 8.90 | 1.70 | 13.2 | 10.8 |
| FEBRERO | 2.4 | 7.59 | 4.33 | 2.80 | 6.7 | 10.4 |
| MARZO | 0.3 | 4.33 | 5.09 | 9.45 | 5.4 | 13.8 |
| ABRIL | 0.0 | 4.76 | 2.52 | 13.59 | 2.5 | 18.4 |
| MAYO | 0.0 | 5.55 | 0.51 | 17.19 | 0.5 | 22.7 |
| JUNIO | 0.2 | 2.67 | 3.27 | 4.57 | 3.4 | 7.2 |
| JULIO | 0.0 | 1.62 | 15.06 | 2.18 | 15.1 | 3.8 |
| AGOSTO | 1.0 | 2.46 | 19.27 | -0.01 | 20.3 | 2.5 |
| SEPTIEMBRE | 0.0 | 3.60 | 11.74 | 0.15 | 11.7 | 3.8 |
| OCTUBRE | 0.0 | 12.68 | 9.11 | 2.61 | 9.1 | 15.3 |
| NOVIEMBRE | 0.0 | 12.58 | 0.60 | 18.35 | 0.6 | 30.9 |
| DICIEMBRE | 0.0 | 14.66 | 0.37 | 20.05 | 0.4 | 34.7 |
| Total | 8.2 | 81.6 | 80.8 | 92.6 | 89.0 | 174.2 |

Evolución de los precios en el MRS

| Mes | Promedio | | Variaciones % | | | |
|-----|----------------|----------------|---------------|--------|--------|----------------|
| | 2009 \$/MWh | 2010 \$/MWh | Mes | Anual | Acum. | Prom. anual |
| Ene | 146.03 | 133.00 | 0.41 | -8.92 | 0.41 | 123.86 |
| Feb | 134.30 | 147.61 | 10.98 | 9.91 | 11.43 | 124.97 |
| Mar | 115.73 | 148.75 | 0.77 | 28.53 | 12.29 | 127.73 |
| Abr | 116.50 | 152.90 | 2.79 | 31.25 | 15.43 | 130.76 |
| May | 107.00 | 145.84 | -4.62 | 36.30 | 10.10 | 134.00 |
| Jun | 100.79 | 114.59 | -21.43 | 13.69 | -13.50 | 135.15 |
| Jul | 113.60 | 97.96 | -14.51 | -13.77 | -26.05 | 133.84 |
| Ago | 122.13 | 87.91 | -10.26 | -28.02 | -33.63 | 130.99 |
| Sep | 132.77 | 92.54 | 5.27 | -30.30 | -30.14 | 127.64 |
| Oct | 145.58 | 118.14 | 27.66 | -18.85 | -10.82 | 125.35 |
| Nov | 132.51 | 139.17 | 17.80 | 5.03 | 5.06 | 125.91 |
| Dic | 132.46 | 137.41 | -1.27 | 3.73 | 3.73 | 126.32 |

Mensual: Relación mes inmediato anterior
 Anual: Relación igual mes año anterior
 Acumulada: Relación respecto a diciembre año anterior
 Promedio anual: Relación últimos doce meses

Precio Máximo horario: \$ 192.76 / MWh
 Precio Mínimo horario: \$ 94.96 / MWh



Precios SIS (\$/MWh)

| FECHA | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|--------|--------|--------|
| 01-Dic-10 | 70.735 | 70.736 | 70.734 | 70.734 | 70.784 | 70.779 | 78.688 | 92.239 | 92.240 | 92.189 | 92.207 | 92.239 | 92.204 | 92.199 | 92.199 | 92.204 | 92.199 | 92.202 | 107.997 | 107.988 | 107.991 | 78.697 | 70.743 | 70.741 | |
| 02-Dic-10 | 75.045 | 75.046 | 75.054 | 75.054 | 75.054 | 75.049 | 79.138 | 94.639 | 94.640 | 94.639 | 94.637 | 94.639 | 94.644 | 94.639 | 94.639 | 94.639 | 94.644 | 94.639 | 94.642 | 108.427 | 108.428 | 108.431 | 79.127 | 75.043 | 75.041 |
| 03-Dic-10 | 74.705 | 74.706 | 74.704 | 74.704 | 74.704 | 74.699 | 79.798 | 94.679 | 94.680 | 94.679 | 94.697 | 94.689 | 94.694 | 94.689 | 94.689 | 94.694 | 94.689 | 94.692 | 108.097 | 108.088 | 108.091 | 78.787 | 74.703 | 74.701 | |
| 04-Dic-10 | 75.055 | 75.056 | 75.064 | 75.064 | 75.064 | 75.059 | 80.158 | 95.039 | 95.040 | 95.039 | 95.037 | 95.039 | 95.044 | 95.039 | 95.039 | 95.044 | 95.039 | 95.042 | 108.437 | 108.438 | 108.441 | 79.147 | 75.063 | 75.061 | |
| 05-Dic-10 | 75.035 | 75.036 | 75.044 | 75.044 | 75.044 | 75.039 | 80.138 | 95.019 | 95.020 | 95.019 | 95.017 | 95.019 | 95.024 | 95.019 | 95.019 | 95.024 | 95.019 | 95.022 | 108.427 | 108.428 | 108.431 | 79.137 | 75.053 | 75.051 | |
| 06-Dic-10 | 74.685 | 74.686 | 74.684 | 74.684 | 74.684 | 74.679 | 79.788 | 94.659 | 94.680 | 94.679 | 94.697 | 94.689 | 94.694 | 94.689 | 94.689 | 94.694 | 94.689 | 94.689 | 94.692 | 108.097 | 108.088 | 108.081 | 78.787 | 74.703 | 74.701 |
| 07-Dic-10 | 74.715 | 74.716 | 74.714 | 74.714 | 74.714 | 74.709 | 79.808 | 94.689 | 94.690 | 94.689 | 94.697 | 94.689 | 94.694 | 94.689 | 94.689 | 94.694 | 94.689 | 94.692 | 108.097 | 108.088 | 108.091 | 78.797 | 74.713 | 74.711 | |
| 08-Dic-10 | 78.705 | 78.706 | 78.704 | 78.704 | 78.704 | 78.699 | 79.798 | 94.199 | 94.200 | 94.199 | 94.207 | 94.199 | 94.204 | 94.199 | 94.209 | 94.214 | 94.209 | 94.212 | 108.097 | 108.088 | 108.091 | 78.797 | 78.713 | 78.711 | |
| 09-Dic-10 | 78.435 | 78.436 | 78.424 | 78.424 | 78.424 | 78.419 | 79.518 | 93.209 | 93.210 | 93.209 | 93.217 | 93.209 | 93.214 | 93.209 | 93.209 | 93.214 | 93.209 | 93.212 | 107.517 | 107.508 | 107.511 | 78.507 | 78.713 | 78.711 | |
| 10-Dic-10 | 74.001 | 73.998 | 74.001 | 74.001 | 74.000 | 74.004 | 78.999 | 93.596 | 93.599 | 93.603 | 93.602 | 93.602 | 93.600 | 93.601 | 93.598 | 93.601 | 93.601 | 93.599 | 107.999 | 108.000 | 108.001 | 78.001 | 73.999 | 73.995 | |
| 11-Dic-10 | 73.851 | 73.848 | 73.851 | 73.851 | 73.850 | 73.854 | 76.999 | 92.846 | 92.849 | 92.853 | 92.852 | 92.852 | 92.850 | 92.851 | 92.848 | 92.851 | 92.851 | 92.849 | 107.999 | 108.000 | 108.001 | 77.001 | 73.849 | 73.845 | |
| 12-Dic-10 | 73.851 | 73.848 | 73.851 | 73.851 | 73.850 | 73.854 | 76.999 | 92.846 | 92.849 | 92.853 | 92.852 | 92.852 | 92.850 | 92.851 | 92.848 | 92.851 | 92.851 | 92.849 | 107.999 | 108.000 | 108.001 | 76.941 | 73.789 | 73.785 | |
| 13-Dic-10 | 73.792 | 73.792 | 73.792 | 73.792 | 73.792 | 73.792 | 76.942 | 92.792 | 92.792 | 92.802 | 92.792 | 92.852 | 92.852 | 92.852 | 92.852 | 92.852 | 92.852 | 92.852 | 108.002 | 108.002 | 108.002 | 77.002 | 73.852 | 73.852 | |
| 14-Dic-10 | 73.791 | 73.788 | 73.791 | 73.791 | 73.790 | 73.794 | 76.939 | 92.786 | 92.789 | 92.793 | 92.802 | 92.812 | 92.810 | 92.811 | 92.808 | 92.811 | 92.811 | 92.809 | 107.959 | 107.960 | 107.961 | 76.951 | 73.799 | 73.795 | |
| 15-Dic-10 | 73.798 | 73.803 | 73.795 | 73.799 | 73.802 | 73.798 | 76.945 | 92.796 | 92.796 | 92.798 | 92.799 | 92.814 | 92.813 | 92.804 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.800 | 73.797 | |
| 16-Dic-10 | 73.798 | 73.803 | 73.795 | 73.799 | 73.802 | 73.798 | 76.945 | 92.796 | 92.796 | 92.798 | 92.799 | 92.814 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.800 | 73.797 | |
| 17-Dic-10 | 73.778 | 73.783 | 73.775 | 73.779 | 73.782 | 73.778 | 76.925 | 92.776 | 92.776 | 92.778 | 92.799 | 92.814 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.790 | 73.787 | |
| 18-Dic-10 | 73.788 | 73.793 | 73.785 | 73.789 | 73.792 | 73.788 | 76.935 | 92.786 | 92.786 | 92.788 | 92.799 | 92.804 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.800 | 73.797 | |
| 19-Dic-10 | 73.828 | 73.833 | 73.825 | 73.829 | 73.832 | 73.828 | 76.975 | 92.826 | 92.826 | 92.828 | 92.839 | 92.854 | 92.863 | 92.864 | 92.855 | 92.862 | 92.859 | 92.860 | 108.011 | 108.008 | 108.008 | 76.989 | 73.830 | 73.827 | |
| 20-Dic-10 | 73.808 | 73.813 | 73.805 | 73.809 | 73.812 | 73.808 | 76.955 | 92.806 | 92.806 | 92.808 | 92.809 | 92.814 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.959 | 73.810 | 73.807 | |
| 21-Dic-10 | 73.796 | 73.795 | 73.804 | 73.795 | 73.795 | 73.804 | 76.949 | 92.801 | 92.802 | 92.797 | 92.804 | 92.810 | 92.808 | 92.807 | 92.807 | 92.806 | 92.813 | 92.811 | 107.956 | 107.964 | 107.961 | 76.960 | 73.792 | 73.787 | |
| 22-Dic-10 | 73.736 | 73.735 | 73.744 | 73.735 | 73.735 | 73.744 | 76.889 | 92.741 | 92.742 | 92.737 | 92.764 | 92.780 | 92.778 | 92.777 | 92.777 | 92.776 | 92.783 | 92.781 | 107.926 | 107.934 | 107.931 | 76.920 | 73.762 | 73.757 | |
| 23-Dic-10 | 73.798 | 73.803 | 73.795 | 73.799 | 73.802 | 73.798 | 76.945 | 92.796 | 92.796 | 92.798 | 92.799 | 92.814 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.790 | 73.787 | |
| 24-Dic-10 | 73.788 | 73.793 | 73.785 | 73.789 | 73.792 | 73.788 | 76.935 | 92.786 | 92.786 | 92.788 | 92.789 | 92.814 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.800 | 73.797 | |
| 25-Dic-10 | 73.888 | 73.893 | 73.885 | 73.889 | 73.892 | 73.888 | 77.035 | 92.886 | 92.886 | 92.888 | 92.889 | 92.894 | 92.903 | 92.904 | 92.895 | 92.902 | 92.899 | 92.900 | 108.051 | 108.048 | 108.038 | 77.039 | 73.880 | 73.877 | |
| 26-Dic-10 | 73.758 | 73.763 | 73.755 | 73.759 | 73.762 | 73.758 | 76.905 | 92.756 | 92.756 | 92.758 | 92.769 | 92.784 | 92.783 | 92.784 | 92.775 | 92.782 | 92.779 | 92.780 | 108.011 | 108.048 | 108.008 | 76.919 | 73.770 | 73.767 | |
| 27-Dic-10 | 73.801 | 73.804 | 73.799 | 73.803 | 73.802 | 73.804 | 76.952 | 92.797 | 92.797 | 92.802 | 92.805 | 92.812 | 92.806 | 92.811 | 92.808 | 92.808 | 92.806 | 92.806 | 107.956 | 107.957 | 107.957 | 76.940 | 73.793 | 73.793 | |
| 28-Dic-10 | 73.736 | 73.735 | 73.744 | 73.735 | 73.735 | 73.744 | 76.889 | 92.801 | 92.742 | 92.737 | 92.754 | 92.780 | 92.778 | 92.777 | 92.777 | 92.776 | 92.783 | 92.781 | 107.926 | 107.934 | 107.931 | 76.910 | 73.762 | 73.757 | |
| 29-Dic-10 | 73.798 | 73.803 | 73.795 | 73.799 | 73.802 | 73.798 | 76.945 | 92.796 | 92.796 | 92.798 | 92.799 | 92.814 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.790 | 73.787 | |
| 30-Dic-10 | 73.788 | 73.793 | 73.785 | 73.789 | 73.792 | 73.788 | 76.935 | 92.786 | 92.786 | 92.788 | 92.799 | 92.804 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.780 | 73.777 | |
| 31-Dic-10 | 73.778 | 73.783 | 73.775 | 73.779 | 73.782 | 73.778 | 76.925 | 92.776 | 92.776 | 92.798 | 92.799 | 92.804 | 92.813 | 92.814 | 92.805 | 92.812 | 92.809 | 92.810 | 107.961 | 107.958 | 107.958 | 76.949 | 73.800 | 73.797 | |

| | | |
|--|----|---------|
| Precio mínimo de la serie | \$ | 70.734 |
| Precio máximo de la serie | \$ | 108.441 |
| Precio promedio aritmético de la serie | \$ | 87.512 |

Precios EST (\$/MWh)

| FECHA | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 01-Dic-10 | 80.712 | 75.516 | 80.056 | 66.867 | 78.453 | 84.081 | 63.634 | 62.443 | 69.790 | 100.570 | 99.456 | 97.041 | 98.259 | 98.916 | 98.474 | 98.615 | 87.776 | 53.943 | 70.832 | 75.167 | 82.623 | 81.980 | 72.243 | 89.126 |
| 02-Dic-10 | 65.603 | 64.089 | 64.516 | 62.305 | 70.508 | 69.572 | 61.855 | 55.639 | 70.099 | 95.915 | 94.168 | 91.707 | 93.311 | 94.058 | 92.963 | 94.843 | 71.365 | 56.536 | 74.494 | 73.379 | 81.749 | 85.744 | 77.886 | 75.073 |
| 03-Dic-10 | 65.071 | 66.693 | 63.403 | 66.996 | 64.770 | 69.965 | 55.608 | 48.266 | 69.348 | 93.849 | 90.770 | 95.434 | 92.875 | 92.703 | 93.646 | 92.712 | 85.654 | 55.048 | 69.527 | 72.709 | 80.680 | 83.721 | 74.007 | 76.656 |
| 04-Dic-10 | 60.421 | 59.760 | 59.818 | 58.825 | 59.440 | 67.660 | 48.622 | 43.233 | 57.720 | 73.308 | 77.574 | 77.791 | 75.031 | 68.366 | 64.530 | 59.865 | 52.523 | 44.421 | 55.474 | 51.607 | 48.710 | 63.773 | 65.967 | 65.876 |
| 05-Dic-10 | 56.900 | 53.132 | 51.510 | 51.908 | 53.880 | 56.018 | 35.527 | 25.299 | 31.381 | 35.967 | 36.542 | 36.524 | 37.843 | 40.318 | 40.093 | 38.250 | 37.311 | 43.306 | 55.711 | 59.901 | 53.540 | 60.259 | 56.801 | 55.592 |
| 06-Dic-10 | 51.761 | 46.146 | 46.436 | 45.293 | 40.137 | 46.607 | 38.758 | 39.508 | 51.210 | 59.636 | 59.451 | 63.122 | 60.098 | 57.040 | 58.536 | 58.451 | 53.596 | 40.463 | 55.304 | 53.514 | 67.780 | 71.872 | 54.524 | 56.233 |
| 07-Dic-10 | 49.841 | 48.654 | 48.442 | 47.908 | 50.359 | 54.364 | 43.859 | 36.390 | 52.872 | 52.710 | 50.995 | 51.840 | 48.997 | 50.991 | 57.850 | 54.309 | 54.322 | 43.968 | 38.627 | 36.707 | 39.230 | 66.318 | 57.838 | 56.632 |
| 08-Dic-10 | 45.760 | 46.452 | 45.970 | 47.176 | 45.605 | 44.094 | 40.982 | 38.005 | 51.592 | 49.439 | 52.228 | 53.487 | 49.568 | 51.261 | 56.856 | 57.034 | 57.512 | 45.307 | 38.391 | 43.316 | 46.372 | 75.691 | 56.382 | 57.966 |
| 09-Dic-10 | 48.784 | 48.271 | 46.053 | 46.456 | 47.850 | 43.737 | 42.780 | 40.738 | 61.318 | 57.255 | 56.486 | 60.512 | 50.540 | 50.251 | 52.798 | 53.408 | 52.834 | 45.335 | 46.095 | 48.738 | 51.195 | 76.602 | 57.500 | 52.754 |
| 10-Dic-10 | 52.941 | 52.595 | 52.684 | 51.730 | 51.693 | 50.901 | 43.298 | 41.125 | 54.707 | 55.976 | 55.249 | 57.050 | 51.171 | 49.802 | 51.715 | 53.183 | 51.600 | 45.327 | 45.108 | 48.738 | 58.185 | 82.798 | 58.682 | 59.619 |
| 11-Dic-10 | 53.878 | 52.133 | 51.465 | 50.520 | 51.516 | 55.847 | 40.451 | 29.282 | 42.687 | 49.084 | 54.850 | 51.372 | 48.490 | 48.352 | 48.199 | 43.408 | 33.443 | 38.285 | 43.110 | 43.603 | 51.613 | 68.193 | 58.815 | 56.348 |
| 12-Dic-10 | 53.179 | 51.447 | 49.660 | 48.487 | 47.206 | 49.099 | 37.905 | 24.672 | 33.988 | 40.702 | 39.601 | 39.968 | 36.457 | 37.412 | 36.637 | 37.783 | 34.221 | 37.355 | 51.714 | 52.327 | 50.509 | 62.072 | 58.442 | 57.929 |
| 13-Dic-10 | 53.588 | 53.222 | 51.460 | 51.551 | 52.334 | 52.441 | 46.447 | 39.059 | 60.038 | 56.633 | 57.347 | 52.155 | 51.060 | 50.895 | 54.466 | 51.838 | 52.098 | 43.705 | 37.127 | 41.374 | 51.982 | 68.928 | 56.877 | 57.224 |
| 14-Dic-10 | 55.060 | 50.612 | 49.187 | 50.880 | 55.330 | 58.896 | 52.018 | 37.047 | 52.068 | 50.250 | 49.066 | 48.662 | 49.451 | 51.632 | 50.250 | 52.997 | 55.134 | 47.586 | 40.066 | 41.684 | 48.268 | 74.231 | 59.383 | 57.327 |
| 15-Dic-10 | 52.508 | 53.057 | 52.781 | 51.719 | 52.231 | 57.957 | 47.076 | 37.732 | 51.457 | 53.039 | 48.051 | 48.191 | 48.899 | 49.240 | 50.644 | 49.340 | 52.325 | 44.504 | 39.642 | 39.582 | 44.563 | 71.653 | 60.546 | 57.377 |
| 16-Dic-10 | 53.414 | 52.952 | 51.911 | 52.786 | 51.176 | 53.638 | 48.573 | 40.587 | 48.480 | 51.756 | 48.128 | 49.373 | 48.532 | 49.230 | 49.064 | 50.505 | 50.407 | 42.350 | 43.131 | 45.786 | 45.231 | 73.798 | 59.859 | 55.772 |
| 17-Dic-10 | 51.459 | 49.904 | 49.380 | 49.535 | 50.261 | 55.746 | 46.345 | 45.673 | 49.916 | 50.079 | 48.198 | 49.378 | 49.825 | 48.383 | 50.058 | 50.363 | 48.400 | 41.859 | 43.762 | 47.394 | 52.154 | 76.271 | 58.704 | 55.918 |
| 18-Dic-10 | 49.386 | 48.219 | 48.731 | 47.831 | 47.221 | 50.612 | 42.308 | 29.965 | 42.177 | 49.271 | 53.461 | 53.906 | 51.583 | 49.783 | 47.938 | 42.937 | 40.022 | 43.399 | 46.839 | 50.231 | 44.481 | 68.161 | 62.668 | 63.238 |
| 19-Dic-10 | 52.252 | 43.511 | 47.674 | 47.237 | 46.381 | 47.951 | 35.979 | 21.032 | 28.108 | 30.747 | 35.821 | 35.224 | 32.542 | 32.107 | 32.697 | 31.591 | 30.489 | 36.201 | 53.486 | 54.835 | 48.224 | 57.737 | 53.307 | 55.563 |
| 20-Dic-10 | 49.917 | 48.615 | 47.094 | 46.927 | 46.329 | 45.550 | 40.690 | 37.183 | 47.190 | 51.764 | 49.633 | 52.609 | 51.609 | 50.359 | 50.831 | 49.707 | 48.842 | 41.598 | 47.843 | 49.830 | 59.529 | 80.346 | 61.911 | 58.846 |
| 21-Dic-10 | 50.845 | 48.665 | 46.406 | 46.854 | 47.942 | 45.403 | 38.332 | 35.544 | 45.868 | 50.251 | 48.484 | 48.303 | 47.416 | 46.583 | 48.449 | 48.577 | 49.155 | 41.037 | 44.396 | 48.150 | 54.551 | 82.143 | 62.309 | 58.774 |
| 22-Dic-10 | 51.327 | 49.883 | 48.392 | 48.351 | 48.191 | 52.259 | 46.194 | 37.257 | 51.123 | 54.710 | 50.399 | 47.842 | 48.846 | 48.490 | 49.831 | 51.088 | 52.359 | 42.236 | 41.884 | 47.744 | 52.422 | 79.916 | 58.400 | 57.444 |
| 23-Dic-10 | 53.662 | 51.769 | 49.386 | 49.568 | 51.833 | 54.857 | 45.578 | 31.979 | 37.676 | 44.738 | 44.901 | 44.813 | 44.325 | 47.541 | 50.503 | 48.102 | 45.880 | 38.726 | 39.927 | 37.170 | 48.551 | 79.358 | 59.064 | 56.234 |
| 24-Dic-10 | 48.624 | 45.615 | 46.905 | 45.570 | 47.453 | 49.105 | 40.873 | 27.823 | 38.445 | 44.177 | 43.546 | 41.697 | 41.844 | 34.497 | 33.447 | 31.751 | 27.742 | 20.242 | 20.423 | 21.183 | 16.118 | 36.526 | 49.986 | 48.678 |
| 25-Dic-10 | 39.685 | 41.683 | 45.924 | 44.399 | 43.252 | 41.260 | 28.749 | 2.073 | 14.034 | 17.577 | 17.404 | 20.660 | 19.048 | 19.659 | 19.808 | 19.439 | 17.764 | 18.244 | 32.844 | 34.818 | 32.402 | 38.755 | 45.411 | 40.095 |
| 26-Dic-10 | 44.209 | 44.185 | 43.025 | 42.509 | 42.722 | 41.111 | 27.656 | 16.788 | 20.533 | 23.783 | 25.983 | 24.701 | 22.662 | 23.321 | 23.825 | 20.803 | 21.139 | 21.903 | 41.543 | 41.998 | 35.448 | 40.616 | 42.930 | 43.761 |
| 27-Dic-10 | 46.008 | 45.465 | 45.499 | 44.968 | 46.168 | 38.475 | 30.706 | 23.741 | 33.000 | 37.525 | 34.843 | 36.056 | 36.230 | 39.571 | 39.791 | 39.271 | 37.713 | 38.565 | 48.763 | 49.437 | 38.174 | 51.186 | 54.630 | 52.343 |
| 28-Dic-10 | 46.925 | 46.640 | 46.143 | 46.699 | 48.012 | 49.228 | 39.451 | 24.385 | 34.288 | 39.270 | 38.491 | 40.038 | 37.716 | 40.647 | 42.356 | 41.256 | 41.434 | 37.610 | 44.309 | 45.434 | 46.068 | 62.685 | 52.974 | 55.709 |
| 29-Dic-10 | 46.735 | 45.726 | 44.764 | 44.973 | 46.152 | 46.550 | 37.198 | 24.869 | 29.353 | 35.510 | 35.285 | 33.360 | 33.518 | 33.366 | 37.377 | 38.843 | 35.810 | 30.594 | 29.808 | 37.296 | 35.555 | 51.585 | 50.778 | 51.320 |
| 30-Dic-10 | 47.774 | 40.135 | 40.926 | 41.088 | 40.161 | 47.485 | 40.033 | 23.942 | 27.887 | 35.925 | 36.649 | 38.154 | 33.607 | 35.700 | 35.536 | 35.370 | 35.532 | 25.870 | 32.385 | 38.332 | 39.791 | 55.518 | 52.765 | 54.713 |
| 31-Dic-10 | 49.352 | 42.707 | 40.860 | 41.053 | 42.601 | 46.299 | 38.153 | 22.716 | 29.208 | 35.459 | 39.022 | 38.710 | 34.170 | 31.650 | 29.196 | 29.511 | 26.675 | 21.259 | 24.622 | 25.919 | 25.667 | 36.894 | 40.848 | 44.543 |

| | | |
|--|----|---------|
| Precio mínimo de la serie | \$ | 2.073 |
| Precio máximo de la serie | \$ | 100.570 |
| Precio promedio aritmético de la serie | \$ | 48.363 |

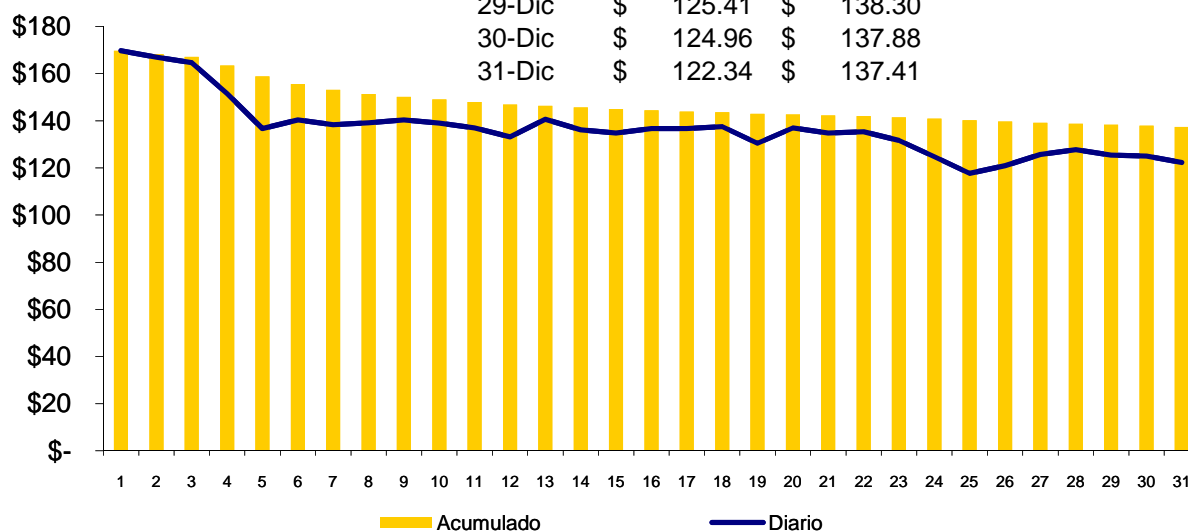
Precios MRS = SIS+EST (\$/MWh)

| FECHA | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 01-Dic-10 | 151.447 | 146.252 | 150.790 | 137.601 | 149.237 | 154.860 | 142.322 | 154.682 | 162.030 | 192.759 | 191.663 | 189.280 | 190.463 | 191.115 | 190.673 | 190.819 | 179.975 | 146.145 | 178.829 | 183.155 | 190.614 | 160.677 | 142.986 | 159.867 |
| 02-Dic-10 | 140.648 | 139.135 | 139.570 | 137.359 | 145.562 | 144.621 | 140.993 | 150.278 | 164.739 | 190.554 | 188.805 | 186.346 | 187.955 | 188.697 | 187.602 | 189.487 | 166.004 | 151.178 | 182.921 | 181.807 | 190.180 | 164.871 | 152.929 | 150.114 |
| 03-Dic-10 | 139.776 | 141.399 | 138.107 | 141.700 | 139.474 | 144.664 | 135.406 | 142.945 | 164.028 | 188.528 | 185.467 | 190.123 | 187.569 | 187.392 | 188.335 | 187.406 | 180.343 | 149.740 | 177.624 | 180.797 | 188.771 | 162.508 | 148.710 | 151.357 |
| 04-Dic-10 | 135.476 | 134.816 | 134.882 | 133.889 | 134.504 | 142.719 | 128.780 | 138.272 | 152.760 | 168.347 | 172.611 | 172.830 | 170.075 | 163.405 | 159.569 | 154.909 | 147.562 | 139.463 | 163.911 | 160.045 | 157.151 | 142.920 | 141.030 | 140.937 |
| 05-Dic-10 | 131.935 | 128.168 | 126.554 | 126.952 | 128.924 | 131.057 | 115.665 | 120.318 | 126.401 | 130.986 | 131.559 | 131.543 | 132.867 | 135.337 | 135.112 | 133.274 | 132.330 | 138.328 | 164.138 | 168.329 | 161.971 | 139.396 | 131.854 | 130.643 |
| 06-Dic-10 | 126.446 | 120.832 | 121.120 | 119.977 | 114.821 | 121.286 | 118.546 | 134.167 | 145.890 | 154.315 | 154.148 | 157.811 | 154.792 | 151.729 | 153.225 | 153.145 | 148.285 | 135.155 | 163.401 | 161.602 | 175.861 | 150.659 | 129.227 | 130.934 |
| 07-Dic-10 | 124.556 | 123.370 | 123.156 | 122.622 | 125.073 | 129.073 | 123.667 | 131.079 | 147.562 | 147.399 | 145.692 | 146.529 | 143.691 | 145.680 | 152.539 | 149.003 | 149.011 | 138.660 | 146.724 | 144.795 | 147.321 | 145.115 | 132.551 | 131.343 |
| 08-Dic-10 | 124.465 | 125.158 | 124.674 | 125.880 | 124.309 | 122.793 | 120.780 | 132.204 | 145.792 | 143.638 | 146.435 | 147.686 | 143.772 | 145.460 | 151.065 | 151.248 | 151.721 | 139.519 | 146.488 | 151.404 | 154.463 | 154.488 | 135.095 | 136.677 |
| 09-Dic-10 | 127.219 | 126.707 | 124.477 | 124.880 | 126.274 | 122.156 | 122.298 | 133.947 | 154.528 | 150.464 | 149.703 | 153.721 | 143.754 | 143.460 | 146.007 | 146.622 | 146.043 | 138.547 | 153.612 | 156.246 | 158.706 | 155.109 | 136.213 | 131.465 |
| 10-Dic-10 | 126.942 | 126.593 | 126.685 | 125.731 | 125.693 | 124.905 | 122.297 | 134.721 | 148.306 | 149.579 | 148.851 | 150.652 | 144.771 | 143.403 | 145.313 | 146.784 | 145.201 | 138.926 | 153.107 | 156.738 | 166.186 | 160.799 | 132.681 | 133.614 |
| 11-Dic-10 | 127.729 | 125.981 | 125.316 | 124.371 | 125.366 | 129.701 | 117.450 | 122.128 | 135.536 | 141.937 | 147.702 | 144.224 | 141.340 | 141.203 | 141.047 | 136.259 | 126.294 | 131.134 | 151.109 | 151.603 | 159.614 | 145.194 | 132.664 | 130.193 |
| 12-Dic-10 | 127.030 | 125.295 | 123.511 | 122.338 | 121.056 | 122.953 | 114.904 | 117.518 | 126.837 | 133.555 | 132.453 | 132.820 | 129.307 | 130.263 | 129.485 | 130.634 | 127.072 | 130.204 | 159.713 | 160.327 | 158.510 | 139.013 | 132.231 | 131.714 |
| 13-Dic-10 | 127.380 | 127.014 | 125.252 | 125.343 | 126.126 | 126.233 | 123.389 | 131.851 | 152.830 | 149.435 | 150.139 | 145.007 | 143.912 | 143.747 | 147.318 | 144.690 | 144.950 | 136.557 | 145.129 | 149.376 | 159.984 | 145.930 | 130.729 | 131.076 |
| 14-Dic-10 | 128.851 | 124.400 | 122.978 | 124.671 | 129.120 | 132.690 | 128.957 | 129.833 | 144.857 | 143.043 | 141.868 | 141.474 | 142.261 | 144.443 | 143.058 | 145.808 | 147.945 | 140.395 | 148.025 | 149.644 | 156.229 | 151.182 | 133.182 | 131.122 |
| 15-Dic-10 | 126.306 | 126.860 | 126.576 | 125.518 | 126.033 | 131.755 | 124.021 | 130.528 | 144.253 | 145.837 | 140.850 | 141.005 | 141.712 | 142.044 | 143.449 | 142.152 | 145.134 | 137.314 | 147.603 | 147.540 | 152.521 | 148.602 | 134.346 | 131.174 |
| 16-Dic-10 | 127.212 | 126.755 | 125.706 | 126.585 | 124.978 | 127.436 | 125.518 | 133.383 | 141.276 | 144.554 | 140.927 | 142.187 | 141.345 | 142.044 | 141.869 | 143.317 | 143.216 | 135.160 | 151.092 | 153.744 | 153.189 | 150.747 | 133.659 | 129.569 |
| 17-Dic-10 | 125.237 | 123.687 | 123.155 | 123.314 | 124.043 | 129.524 | 123.270 | 138.449 | 142.692 | 142.857 | 140.997 | 142.192 | 142.638 | 141.197 | 142.863 | 143.175 | 141.209 | 134.669 | 151.723 | 155.352 | 160.112 | 153.220 | 132.494 | 129.705 |
| 18-Dic-10 | 123.174 | 122.012 | 122.516 | 121.620 | 121.013 | 124.400 | 119.243 | 122.751 | 134.963 | 142.059 | 146.260 | 146.710 | 144.396 | 142.597 | 140.743 | 135.749 | 132.831 | 136.209 | 154.800 | 158.189 | 152.439 | 145.110 | 136.468 | 137.035 |
| 19-Dic-10 | 126.080 | 117.344 | 121.499 | 121.066 | 120.213 | 121.779 | 112.954 | 113.858 | 120.934 | 123.575 | 128.660 | 128.078 | 125.405 | 124.971 | 125.552 | 124.453 | 123.348 | 129.061 | 161.497 | 162.843 | 156.232 | 134.726 | 127.137 | 129.390 |
| 20-Dic-10 | 123.725 | 122.428 | 120.899 | 120.736 | 120.141 | 119.358 | 117.645 | 129.989 | 139.996 | 144.572 | 142.442 | 145.423 | 144.422 | 143.173 | 143.636 | 142.519 | 141.651 | 134.408 | 155.804 | 157.788 | 167.487 | 157.305 | 135.721 | 132.653 |
| 21-Dic-10 | 124.641 | 122.460 | 120.210 | 120.649 | 121.737 | 119.207 | 115.281 | 128.345 | 138.670 | 143.048 | 141.288 | 141.113 | 140.224 | 139.390 | 141.256 | 141.383 | 141.968 | 133.848 | 152.352 | 156.114 | 162.512 | 159.103 | 136.101 | 132.561 |
| 22-Dic-10 | 125.063 | 123.618 | 122.136 | 122.086 | 121.926 | 126.003 | 123.083 | 129.998 | 143.865 | 147.447 | 143.163 | 140.622 | 141.624 | 141.267 | 142.608 | 143.864 | 145.142 | 135.017 | 149.810 | 155.678 | 160.353 | 156.836 | 132.162 | 131.201 |
| 23-Dic-10 | 127.460 | 125.572 | 123.181 | 123.367 | 125.635 | 128.655 | 122.523 | 124.775 | 130.472 | 137.536 | 137.700 | 137.627 | 137.138 | 140.355 | 143.308 | 140.914 | 138.689 | 131.536 | 147.888 | 145.128 | 156.509 | 156.307 | 132.854 | 130.021 |
| 24-Dic-10 | 122.412 | 119.408 | 120.690 | 119.359 | 121.245 | 122.893 | 117.808 | 120.609 | 131.231 | 136.965 | 136.335 | 134.511 | 134.657 | 127.311 | 126.252 | 124.563 | 120.551 | 113.052 | 128.384 | 129.141 | 124.076 | 113.475 | 123.786 | 122.475 |
| 25-Dic-10 | 113.573 | 115.576 | 119.809 | 118.288 | 117.144 | 115.148 | 105.784 | 94.959 | 106.920 | 110.465 | 110.293 | 113.554 | 111.951 | 112.563 | 112.703 | 112.341 | 110.663 | 111.144 | 140.895 | 142.866 | 140.440 | 115.794 | 119.291 | 113.972 |
| 26-Dic-10 | 117.967 | 117.948 | 116.780 | 116.268 | 116.484 | 114.869 | 104.561 | 109.544 | 113.289 | 116.541 | 118.752 | 117.485 | 115.445 | 116.105 | 116.600 | 113.585 | 113.918 | 114.683 | 149.554 | 150.046 | 143.456 | 117.535 | 116.700 | 117.528 |
| 27-Dic-10 | 119.809 | 119.269 | 119.298 | 118.771 | 119.970 | 112.279 | 107.658 | 116.538 | 125.797 | 130.327 | 127.648 | 128.868 | 129.036 | 132.382 | 132.599 | 132.079 | 130.519 | 131.371 | 156.719 | 157.394 | 146.131 | 128.126 | 128.423 | 126.136 |
| 28-Dic-10 | 120.661 | 120.375 | 119.887 | 120.434 | 121.747 | 122.972 | 116.340 | 117.186 | 127.030 | 132.007 | 131.245 | 132.818 | 130.494 | 133.424 | 135.133 | 134.032 | 134.217 | 130.391 | 152.235 | 153.368 | 153.999 | 139.595 | 126.736 | 129.466 |
| 29-Dic-10 | 120.533 | 119.529 | 118.559 | 118.772 | 119.954 | 120.348 | 114.143 | 117.665 | 122.149 | 128.308 | 128.084 | 126.174 | 126.331 | 126.180 | 130.182 | 131.655 | 128.619 | 123.404 | 137.769 | 145.254 | 143.513 | 128.534 | 124.568 | 125.107 |
| 30-Dic-10 | 121.562 | 113.928 | 114.711 | 114.877 | 113.953 | 121.273 | 116.968 | 116.728 | 120.673 | 128.713 | 129.448 | 130.958 | 126.420 | 128.514 | 128.341 | 128.182 | 128.341 | 118.680 | 140.346 | 146.290 | 147.749 | 132.467 | 126.545 | 128.490 |
| 31-Dic-10 | 123.130 | 116.490 | 114.635 | 114.832 | 116.383 | 120.077 | 115.078 | 115.492 | 121.984 | 128.257 | 131.821 | 131.514 | 126.983 | 124.464 | 122.001 | 122.323 | 119.484 | 114.069 | 132.583 | 133.877 | 133.625 | 113.843 | 114.648 | 118.340 |

| | | |
|--|----|--------|
| Precio mínimo de la serie | \$ | 94.96 |
| Precio máximo de la serie | \$ | 192.76 |
| Precio promedio aritmético de la serie | \$ | 135.88 |
| Precio promedio ponderado | \$ | 137.41 |

Precios Promedios (\$/MWh)

| FECHA | Diario | Acumulado |
|--------|-----------|-----------|
| 01-Dic | \$ 169.67 | \$ 169.67 |
| 02-Dic | \$ 167.00 | \$ 168.35 |
| 03-Dic | \$ 164.63 | \$ 167.12 |
| 04-Dic | \$ 151.45 | \$ 163.42 |
| 05-Dic | \$ 136.73 | \$ 158.82 |
| 06-Dic | \$ 140.37 | \$ 155.57 |
| 07-Dic | \$ 138.29 | \$ 153.07 |
| 08-Dic | \$ 139.15 | \$ 151.30 |
| 09-Dic | \$ 140.28 | \$ 150.09 |
| 10-Dic | \$ 138.93 | \$ 148.97 |
| 11-Dic | \$ 136.94 | \$ 147.94 |
| 12-Dic | \$ 133.12 | \$ 146.86 |
| 13-Dic | \$ 140.62 | \$ 146.35 |
| 14-Dic | \$ 136.07 | \$ 145.61 |
| 15-Dic | \$ 134.83 | \$ 144.89 |
| 16-Dic | \$ 136.61 | \$ 144.37 |
| 17-Dic | \$ 136.68 | \$ 143.92 |
| 18-Dic | \$ 137.52 | \$ 143.58 |
| 19-Dic | \$ 130.44 | \$ 142.97 |
| 20-Dic | \$ 136.91 | \$ 142.66 |
| 21-Dic | \$ 134.78 | \$ 142.27 |
| 22-Dic | \$ 135.38 | \$ 141.94 |
| 23-Dic | \$ 131.69 | \$ 141.48 |
| 24-Dic | \$ 124.71 | \$ 140.85 |
| 25-Dic | \$ 117.67 | \$ 140.18 |
| 26-Dic | \$ 120.99 | \$ 139.60 |
| 27-Dic | \$ 125.72 | \$ 139.12 |
| 28-Dic | \$ 127.65 | \$ 138.72 |
| 29-Dic | \$ 125.41 | \$ 138.30 |
| 30-Dic | \$ 124.96 | \$ 137.88 |
| 31-Dic | \$ 122.34 | \$ 137.41 |



Sistema de Transmisión ENS, Pérdidas e interrupciones

| Rubros | Diciembre 2010 | % ^{1/} | Variaciones ^{2/} | | Acumulado Anual ^{2/} | |
|-------------------------------|----------------|-----------------|---------------------------|--------|-------------------------------|--------|
| | | | Mensual | Anual | Acumulada | Var. % |
| Energía no Servida (MWh) | 34.83 | 0.01% | -90.16 | -96.38 | 5,036.45 | -16.13 |
| Pérdidas de Transmisión (GWh) | 7.5 | | | | | |
| Interrupciones de Servicio | 102 | eventos | | | | |

^{1/} Energía no Servida como porcentaje de demanda

^{2/} Para el detalle de los períodos ver el apartado de Referencias de la Pág. 3.

| Interrupciones | |
|---|------------|
| Voltaje | Eventos |
| Circuitos de 23 kV | 3 |
| Circuitos de 34.5 kV | 8 |
| Circuitos de 46 kV | 74 |
| Línea de 115 kV | 13 |
| Línea de Interconexión | 4 |
| Total | 102 |
| Falla en líneas de transmisión | 0 |
| Mantenimiento en línea de transmisión | 13 |
| Falla en circuitos de distribución | 49 |
| Mantenimiento líneas de distribución | 36 |
| Fallas líneas de interconexión | 1 |
| Mantenimiento línea de interconexión ^{1/} | 2 |
| Actuación del EDLI | 1 |
| Operación del ECS con Disparo Transferido a Guatemala | 0 |
| Total | 102 |

^{1/} Mantenimiento o por solicitud de líneas de interconexión Guatemala y Honduras

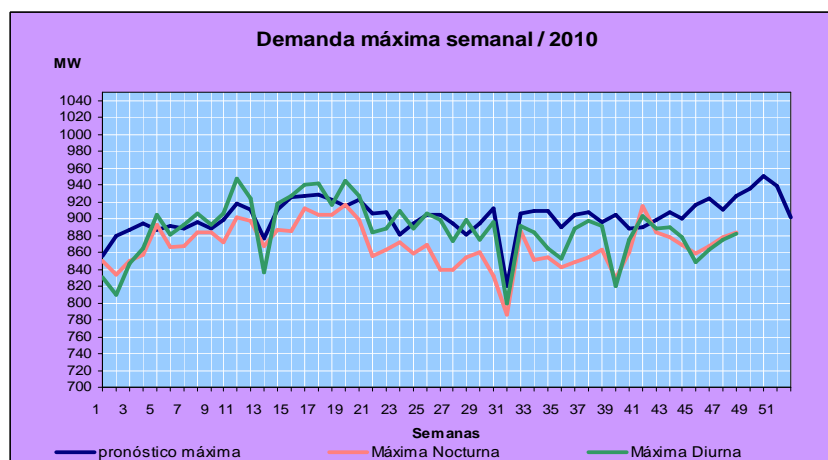
Otras estadísticas Generación obligada

| Rubros | Diciembre 2010 | Acumulado Anual ^{1/} | | Últimos tres meses ^{1/} | | Últimos 12 meses ^{1/} | |
|-----------------------------|----------------|-------------------------------|--------|----------------------------------|--------|--------------------------------|--------|
| | MWh | MWh | Var. % | MWh | Var. % | MWh | Var. % |
| Servicio de CAG | - | 39,496.0 | 0.0 | 3,455.2 | | 3,590.5 | -28.3 |
| Sustitución | - | 130,665.2 | 6.2 | 11,436.3 | 35.1 | 11,878.7 | 15.8 |
| Calidad de servicio | - | - | - | - | - | - | 0.0 |
| Estabilización de precios | - | 2,447,909.7 | - | 285,989.9 | - | 222,537.2 | 0.0 |
| Sustitución con Equipos RFC | - | 11,502.7 | (16.4) | 74.1 | -96.8 | 1,045.7 | -8.8 |
| Total | 0.0 | 2,629,573.6 | | | | | |

^{1/} Para el detalle de los períodos ver el apartado de Referencias de la Pág. 3.

Demanda Máxima de Potencia

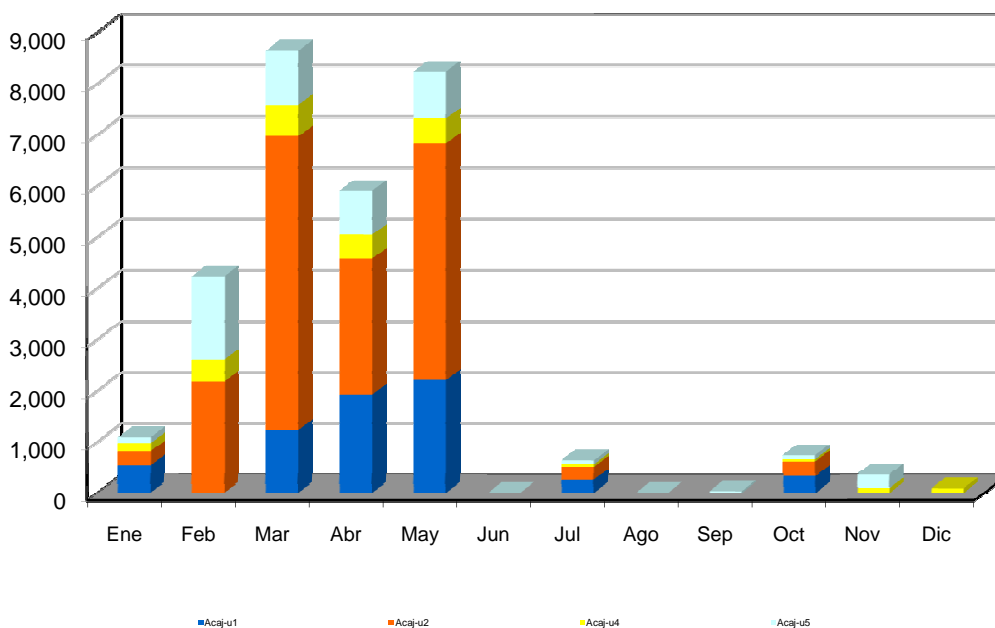
| Demanda | Máxima | Nocturna | Mínima |
|---------|-----------------|-----------------|----------------|
| Ene | 864 | 857 | 378 |
| | 28-Ene-09 14:30 | 26-Ene-10 19:00 | 2-Ene-10 3:00 |
| Feb | 905 | 892 | 434 |
| | 22-Feb-10 15:00 | 3-Feb-10 19:00 | 1-Feb-10 2:30 |
| Mar | 948 | 901 | 444 |
| | 16-Mar-10 14:30 | 16-Mar-10 19:00 | 8-Mar-10 3:30 |
| Abr | 942 | 912 | 414 |
| | 27-Abr-10 14:30 | 21-Abr-10 19:00 | 2-Abr-10 6:30 |
| May | 945 | 916 | 407 |
| | 12-May-10 11:30 | 12-May-10 19:00 | 2-May-10 6:00 |
| Jun | 909 | 872 | 431 |
| | 7-Jun-10 14:30 | 9-Jun-10 19:00 | 13-Jun-10 3:00 |
| Jul | 898 | 861 | 434 |
| | 15-Jul-10 14:30 | 22-Jul-10 19:30 | 12-Jul-10 2:00 |
| Ago | 891 | 885 | 403 |
| | 10-Ago-10 11:30 | 12-Ago-10 19:00 | 7-Ago-10 3:30 |
| Sep | 898 | 863 | 414 |
| | 14-Sep-10 14:00 | 22-Sep-10 18:30 | 27-Sep-10 2:00 |
| Oct | 915 | 915 | 430 |
| | 12-Oct-10 18:30 | 12-Oct-10 18:30 | 4-Oct-10 3:30 |
| Nov | 884 | 884 | 401 |
| | 29-Nov-10 18:30 | 29-Nov-10 18:30 | 7-Nov-10 3:30 |
| Dic | 891 | 891 | 351 |
| | 7-Dic-10 18:30 | 7-Dic-10 18:30 | 25-Dic-10 6:30 |



Reserva Fría por Confiabilidad

| Mes | Pi (\$/MWh) | Var.% Mensual | Inyecciones por planta (MWh) | | | | | Inyección Total (MWh) | % RFC |
|--------|-------------|---------------|------------------------------|---------|---------|---------|----------|-----------------------|-------|
| | | | Acaj-u1 | Acaj-u2 | Acaj-u4 | Acaj-u5 | Total | | |
| Ene-09 | 1.52 | -0.1 | 329.3 | 305.9 | 234.5 | 415.9 | 1,285.6 | 472,520.5 | 0.27 |
| Feb-09 | 1.92 | 0.3 | 0.0 | 0.0 | 239.6 | 238.0 | 477.5 | 435,086.5 | 0.11 |
| Mar-09 | 2.18 | 0.1 | 0.0 | 0.0 | 89.2 | 173.0 | 262.3 | 485,378.2 | 0.05 |
| Abr-09 | 2.22 | 1.8 | 102.5 | 270.1 | 272.1 | 629.0 | 1,273.6 | 461,950.9 | 0.28 |
| May-09 | 2.11 | -5.0 | 0.0 | 0.0 | 15.9 | 514.5 | 530.4 | 473,374.0 | 0.11 |
| Jun-09 | 2.17 | 2.8 | 0.0 | 0.0 | 152.4 | 0.0 | 152.4 | 474,451.9 | 0.03 |
| Jul-09 | 2.19 | 0.9 | 76.8 | 309.2 | 283.8 | 630.5 | 1,300.3 | 491,801.7 | 0.26 |
| Ago-09 | 2.15 | -1.8 | 11.2 | 1,070.5 | 336.6 | 673.9 | 2,092.2 | 477,722.9 | 0.44 |
| Sep-09 | 1.93 | -10.2 | 26.9 | 2,338.2 | 381.9 | 1,088.1 | 3,835.0 | 469,415.1 | 0.82 |
| Oct-09 | 2.29 | 18.7 | 2,053.3 | 5,247.8 | 829.9 | 3,487.3 | 11,618.3 | 489,766.3 | 2.37 |
| Nov-09 | 3.89 | 69.9 | 0.0 | 373.8 | 54.0 | 66.6 | 494.4 | 461,443.8 | 0.11 |
| Dic-09 | 1.65 | -57.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 486,139.9 | 0.00 |
| Ene-10 | 2.03 | 23.0 | 537.5 | 274.0 | 159.0 | 115.3 | 1,085.7 | 475,789.5 | 0.23 |
| Feb-10 | 2.64 | 30.0 | 0.0 | 2,172.0 | 428.8 | 1,634.1 | 4,234.9 | 457,799.3 | 0.93 |
| Mar-10 | 2.80 | 6.1 | 1,225.0 | 5,740.5 | 615.9 | 1,054.1 | 8,635.4 | 516,656.9 | 1.67 |
| Abr-10 | 3.93 | 40.4 | 1,925.6 | 2,652.2 | 466.2 | 859.5 | 5,903.5 | 494,735.2 | 1.19 |
| May-10 | 2.96 | -24.7 | 2,202.1 | 4,623.1 | 485.2 | 919.9 | 8,230.3 | 501,687.0 | 1.64 |
| Jun-10 | 3.52 | 18.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 479,607.4 | 0.00 |
| Jul-10 | 1.53 | -56.5 | 256.7 | 253.4 | 49.6 | 73.4 | 633.0 | 506,465.5 | 0.12 |
| Ago-10 | 2.25 | 47.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 497,304.6 | 0.00 |
| Sep-10 | 2.06 | -8.4 | 0.0 | 0.0 | 0.0 | 35.5 | 35.5 | 483,357.3 | 0.01 |
| Oct-10 | 2.08 | 1.0 | 326.4 | 283.4 | 44.0 | 78.7 | 732.5 | 503,527.0 | 0.15 |
| Nov-10 | 2.20 | 5.8 | 0.0 | 0.0 | 92.0 | 271.2 | 363.3 | 470,875.8 | 0.08 |
| Dic-10 | 1.83 | -16.8 | 0.0 | 0.0 | 87.2 | 0.0 | 87.2 | 467,788.8 | 0.02 |

MWh



Condición de Reserva

Reserva Rodante y Reserva Fría en Demanda Máxima (MW)
Dic-2010

| Día | Cap. Disponible | Gen. Despachada | Demanda + Perdidas | Intercambio Neto * | Reserva Rodante | Reserva Fria |
|-----|-----------------|-----------------|--------------------|--------------------|-----------------|--------------|
| 1 | 1132 | 793 | 882 | 89 | 78 | 260 |
| 2 | 1088 | 827 | 878 | 51 | 89 | 172 |
| 3 | 1118 | 818 | 861 | 43 | 45 | 255 |
| 4 | 1037 | 778 | 779 | 1 | 45 | 213 |
| 5 | 983 | 715 | 773 | 57 | 49 | 218 |
| 6 | 1169 | 815 | 855 | 40 | 62 | 292 |
| 7 | 1171 | 822 | 891 | 69 | 59 | 290 |
| 8 | 1168 | 816 | 874 | 58 | 86 | 266 |
| 9 | 1143 | 853 | 859 | 6 | 67 | 224 |
| 10 | 1165 | 846 | 852 | 6 | 53 | 266 |
| 11 | 1084 | 783 | 789 | 7 | 34 | 268 |
| 12 | 1002 | 751 | 772 | 20 | 30 | 221 |
| 13 | 1147 | 814 | 859 | 45 | 71 | 262 |
| 14 | 1160 | 815 | 850 | 36 | 67 | 278 |
| 15 | 1143 | 810 | 846 | 37 | 49 | 284 |
| 16 | 1131 | 819 | 861 | 42 | 29 | 282 |
| 17 | 1143 | 802 | 836 | 33 | 77 | 264 |
| 18 | 1062 | 759 | 804 | 45 | 56 | 246 |
| 19 | 1015 | 765 | 770 | 5 | 45 | 205 |
| 20 | 1192 | 841 | 860 | 19 | 71 | 280 |
| 21 | 1173 | 829 | 864 | 35 | 75 | 269 |
| 22 | 1180 | 802 | 847 | 45 | 77 | 301 |
| 23 | 1181 | 780 | 826 | 46 | 74 | 326 |
| 24 | 1184 | 699 | 721 | 22 | 87 | 398 |
| 25 | 1102 | 645 | 677 | 32 | 65 | 391 |
| 26 | 988 | 682 | 718 | 36 | 27 | 279 |
| 27 | 1107 | 816 | 810 | -6 | 37 | 253 |
| 28 | 1177 | 784 | 806 | 22 | 61 | 333 |
| 29 | 1144 | 783 | 820 | 37 | 61 | 300 |
| 30 | 1181 | 776 | 818 | 42 | 105 | 301 |
| | 1173 | 731 | 763 | 32 | 69 | 372 |

* Valor positivo significa Importación

Interrupciones del servicio

| Entrega | Fecha Inicio | Hora Inicio | Fecha Final | Hora Final | Duración | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|-------------|------------|----------|---------------|--|-------|--------|-------------|
| 35-4-85 | 01-Dic-2010 | 19:46 | 01-Dic-2010 | 19:49 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 8.73 | 436.50 | ANDA |
| 49-4-82 | 01-Dic-2010 | 22:03 | 01-Dic-2010 | 22:04 | 0 | NO INDICO | FALLA EN LINEA, ETESAL REPORTA QUE OPERO RELE 51. | 12.11 | 201.83 | EEO |
| 44-3-84 | 02-Dic-2010 | 05:49 | 02-Dic-2010 | 05:50 | 0 | 51 | FALLA EN LINEA, CLESA REPORTA FUERTES VIENTOS EN LA ZONA. | 2.70 | 45.00 | CLESA |
| 11-4-84 | 03-Dic-2010 | 18:48 | 03-Dic-2010 | 19:09 | 0 | MANUAL | SOLICITUD DE PM, POR EMERGENCIA PARA REPARAR POSTE CHOCADO. CESSA BAJO SU GENERACION HASTA CERO. | 0.00 | 0.00 | CESSA |
| 44-4-80 | 03-Dic-2010 | 19:08 | 03-Dic-2010 | 19:10 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA AISLAR SUB ZAPOTITAN Y CAMBIAR DOS POWER FUSE. CARGA TRASLADADA PREVIAMENTE A INT.44-4-82. | 0.00 | 0.00 | CLESA |
| 44-4-80 | 03-Dic-2010 | 23:32 | 03-Dic-2010 | 23:34 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA AISLAR SUB ZAPOTITAN Y CAMBIAR DOS POWER FUSE. CARGA TRASLADADA PREVIAMENTE A INT.44-4-82. | 0.00 | 0.00 | CLESA |
| 11-4-84 | 04-Dic-2010 | 14:24 | 04-Dic-2010 | 18:53 | 0 | MANUAL | SOLICITUD DE PM, PARA HACER CAMBIO DE POSTE DERRIBADO X ACCIDENTE DE TTO. | 0.00 | 0.00 | CESSA |
| 30-4-84 | 04-Dic-2010 | 14:59 | 04-Dic-2010 | 15:55 | 0 | 51, 51NS, 59N | FALLA EN LINEA, PRUEBA NEG. A LAS 15:01 H. CARGA TRANSFERIDA AL 46-4-81 A LAS 15:05 H. CON CIERRE DEJA FUERA TRAMO DE LINEA SIN CARGA. | 5.71 | 571.00 | DELSUR |
| 30-4-84 | 05-Dic-2010 | 05:12 | 05-Dic-2010 | 17:18 | 0 | MANUAL | MANTTO. PROGRAMADO, PAMM.SUB-SOYA. PRUEBA DE CIERRE A LAS 17:02 H. RESULTANDO NEG. OPERANDO RELE 59N. | 0.00 | 0.00 | ETESAL |
| 30-4-85 | 05-Dic-2010 | 06:07 | 05-Dic-2010 | 17:43 | 0 | MANUAL | MANTTO. PROGRAMADO, PAMM SOYAPANGO. AL MOMENTO DE LA APERTURA SE ENCONTRABA EN PARA LELO SOYA-STOM. | 0.00 | 0.00 | ETESAL |
| 30-2-81 | 05-Dic-2010 | 06:27 | 05-Dic-2010 | 17:04 | 0 | MANUAL | MANTTO. PROGRAMADO, 82 y 83. PAMM POR PARTE DE ETESAL. CARGAS PREVIAMENTE TRANSFERIDAS A SANT, SBAR, NEJA, STOM. | 0.00 | 0.00 | ETESAL |
| 32-4-81 | 05-Dic-2010 | 09:01 | 05-Dic-2010 | 09:03 | 0 | 51 | FALLA EN LINEA. | 5.02 | 167.33 | DELSUR |
| 13-3-81 | 06-Dic-2010 | 14:35 | 06-Dic-2010 | 14:37 | 0 | 51 | FALLA EN LINEA. | 2.44 | 81.33 | CLESA |
| 44-3-84 | 06-Dic-2010 | 15:45 | 06-Dic-2010 | 15:47 | 0 | 51 | FALLA EN LINEA. | 3.02 | 100.67 | CLESA |
| 30-4-84 | 07-Dic-2010 | 00:37 | 07-Dic-2010 | 00:40 | 0 | MANUAL | SOLICITUD DE PM, POR PRUEBA DE TRAMO DE LINEA CUCUMACAYAN-STA TECLA.CARGA PREVIAMENTE TRASLADADA A SUB STOM. | 0.00 | 0.00 | DELSUR |
| 11-4-84 | 07-Dic-2010 | 03:13 | 07-Dic-2010 | 03:17 | 0 | 27, 51, 59N | FALLA EN LINEA, NO HABIA INYECCION NI RETIRO, VIENTOS EN LA ZONA. | 0.00 | 0.00 | CESSA |
| 30-4-84 | 08-Dic-2010 | 06:41 | 08-Dic-2010 | 09:13 | 0 | 51, 59N | FALLA EN LINEA, DELSUR SOLICITO DEJAR ABIERTO EL INTERRUPTOR. CARGA RECUPERADA A LAS 06:46 HRS A TRAVES DEL INT.46-4-81. | 4.94 | 411.67 | DELSUR |
| 11-4-81 | 08-Dic-2010 | 13:04 | 08-Dic-2010 | 13:09 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, PERDIDA DE GENERACION EN CRIC. | 3.80 | 443.33 | ICE |
| 13-4-81 | 08-Dic-2010 | 13:04 | 08-Dic-2010 | 13:09 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, PERDIDA DE GENERACION EN CRIC. | 5.30 | 441.67 | ICE |
| 34-4-85 | 08-Dic-2010 | 13:04 | 08-Dic-2010 | 13:11 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, PERDIDA DE GENERACION EN CRIC. | 3.60 | 420.00 | ICE |
| 34-4-86 | 08-Dic-2010 | 17:59 | 08-Dic-2010 | 18:00 | 0 | 51NS, 59N | FALLA EN LINEA. | 10.00 | 166.67 | EEO |

Interrupciones del servicio

| Entrega | Fecha Inicio | Hora Inicio | Fecha Final | Hora Final | Duración | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|-------------|------------|----------|---------------|--|------|--------|-------------|
| 44-4-82 | 08-Dic-2010 | 18:25 | 08-Dic-2010 | 18:26 | 0 | MANUAL | SOLICITUD DE PM, PARA HACER CAMBIO DE FUSIBLES EN LA SUBESTACION DE LA EMPRESA LIBSMART. | 6.50 | 108.33 | CLESA |
| 30-4-85 | 08-Dic-2010 | 23:19 | 08-Dic-2010 | 23:20 | 0 | 51, 51NS, 59N | FALLA EN LINEA, | 3.57 | 59.50 | DELSUR |
| 18-4-84 | 09-Dic-2010 | 07:54 | 09-Dic-2010 | 07:58 | 0 | 51, 51NS, 59N | FALLA EN LINEA, FALLA EN COMANDO REMOTO, SE CERRO DE FORMA LOCAL. ENS CALCULADA. EEO: 143.17 KWH. ETESAL: 429.50 KWH. | 8.59 | 572.67 | EEO, ETESAL |
| 18-4-83 | 09-Dic-2010 | 09:50 | 09-Dic-2010 | 09:54 | 0 | 51 | FALLA EN LINEA, FALLA EN COMANDO REMOTO, SE CERRO DE FORMA LOCAL. ENS CALCULADA. EEO: 58.33 KWH. ETESAL: 175 KWH. | 3.50 | 233.33 | EEO, ETESAL |
| 13-4-81 | 09-Dic-2010 | 11:47 | 09-Dic-2010 | 11:48 | 0 | 51, 59N | FALLA EN LINEA. | 5.97 | 99.50 | CLESA |
| 13-4-81 | 09-Dic-2010 | 11:49 | 09-Dic-2010 | 11:51 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, CIERRE NEGATIVO A LAS 11:50 HRS. DISPARANDOSE POR RELE 51 E INDICACION DE 59N. DEJA FUERA SUB. APANCOYO. RECUPERO A LAS 16:30 HRS. | 2.78 | 92.67 | CLESA |
| 13-4-81 | 09-Dic-2010 | 12:01 | 09-Dic-2010 | 12:04 | 0 | 51, 59N | FALLA EN LINEA, PRUEBA NEGATIVA A LAS 12:02 HRS, OPERANDO RELE 59N. DEJA FUERA SUB. NAVARRETE. ENS CALC.RECUPERO LA CARGA A LAS 13:07 HRS. A NIVEL DE 13,2 KV. | 4.03 | 201.50 | CLESA |
| 13-4-81 | 09-Dic-2010 | 13:47 | 09-Dic-2010 | 13:48 | 0 | 51, 59N | FALLA EN LINEA, CLESA DEJA FUERA TRAMO DE LINEA QUE ENERGIZO EN VACIO A LAS 13:45 HRS. | 3.33 | 55.50 | CLESA |
| 30-4-84 | 09-Dic-2010 | 14:49 | 09-Dic-2010 | 14:56 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, TODA LA CARGA TRANSFERIDA PREVIAMENTE A STOM. | 0.00 | 0.00 | DELSUR |
| 13-4-81 | 09-Dic-2010 | 14:51 | 09-Dic-2010 | 14:52 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA ENERGIZAR TRAMO DE LINEA REVISADO. CLESA REPORTO QUE ENCONTRARON LINEA SUELTA.ENTRE EL TRAMO METALIO Y NAVARRETE. | 3.68 | 61.33 | CLESA |
| 13-3-81 | 10-Dic-2010 | 00:05 | 10-Dic-2010 | 01:43 | 0 | 51 | FALLA EN LINEA, PRUEBA NEGATIVA 00:06 HRS. CARGA RECUPERADA A NIVEL DE 13.2 KV CON EL INT.41-4-82 A LAS 00:13 HRS. | 0.31 | 41.33 | CLESA |
| 18-4-83 | 10-Dic-2010 | 11:38 | 10-Dic-2010 | 11:42 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 2.57 | 171.33 | EEO |
| 44-3-85 | 10-Dic-2010 | 12:23 | 10-Dic-2010 | 12:25 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, POR CAMBIO DE FUSIBLE EN CLIENTE DE LA ZONA. | 3.21 | 107.00 | CLESA |
| 44-4-82 | 10-Dic-2010 | 13:55 | 10-Dic-2010 | 16:18 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, POR REPARACIONES DE EMERGENCIA DE ETESAL EN INT. 44-4-82. TODA LA CARGA TRANSFERIDA PREVIAMENTE AL CKTO. 38-4-80. | 0.00 | 0.00 | ETESAL |
| 18-4-84 | 11-Dic-2010 | 11:33 | 11-Dic-2010 | 11:34 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 8.92 | 148.67 | EEO |
| 30-2-81 | 12-Dic-2010 | 06:20 | 12-Dic-2010 | 16:37 | 0 | MANUAL | MANTTO. PROGRAMADO, 82 y 83. TRABAJOS PROGRAMADOS POR CAESS. CARGAS PREVIAMENTE TRANSFERIDAS A SANT, SBAR, NEJA, STOM. | 0.00 | 0.00 | CAESS |
| 39-4-81 | 12-Dic-2010 | 06:22 | 12-Dic-2010 | 14:48 | 0 | MANUAL | MANTTO. PROGRAMADO, PAMM POR PARTE DE ETESAL. TODA LA CARGA TRANSFERIDA AL 32-4-81. | 0.00 | 0.00 | ETESAL |

Interrupciones del servicio

| Entrega | Fecha Inicio | Hora Inicio | Fecha Final | Hora Final | Duración | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|-------------|------------|----------|---------------|---|-------|--------|-------------|
| 39-4-82 | 12-Dic-2010 | 06:26 | 12-Dic-2010 | 14:37 | 0 | MANUAL | MANTTO. PROGRAMADO, PAMM POR PARTE DE ETESAL. TODA LA CARGA TRANSFERIDA AL 47-4-81. | 0.00 | 0.00 | ETESAL |
| 41-4-81 | 12-Dic-2010 | 07:31 | 12-Dic-2010 | 15:27 | 0 | MANUAL | MANTTO. PROGRAMADO, TRABAJOS DE INVERSION EN SUB-IZALCO. TODA LA CARGA TRANSFERIDA AL 41-4-82. | 0.00 | 0.00 | CLESA |
| 44-4-81 | 12-Dic-2010 | 10:58 | 12-Dic-2010 | 11:00 | 0 | 51NS, 59N | FALLA EN LINEA. | 10.06 | 335.33 | DELSUR |
| 49-4-82 | 12-Dic-2010 | 12:19 | 12-Dic-2010 | 12:20 | 0 | NO INDICO | FALLA EN LINEA. | 11.03 | 183.83 | EEO |
| 35-4-84 | 15-Dic-2010 | 06:57 | 15-Dic-2010 | 06:58 | 0 | 51, 51NS, 59N | FALLA EN LINEA, VIENTOS FUERTES EN TACACHICO. | 0.41 | 6.83 | DELSUR |
| 17-4-81 | 17-Dic-2010 | 04:27 | 17-Dic-2010 | 04:28 | 0 | 59N | FALLA EN LINEA. | 6.46 | 107.67 | CAESS |
| 40-4-81 | 17-Dic-2010 | 07:51 | 17-Dic-2010 | 07:52 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA TRANSFERIR TODA LA CARGA AL 18-4-83. | 8.82 | 147.00 | DEUSEM |
| 30-4-85 | 17-Dic-2010 | 08:10 | 17-Dic-2010 | 08:13 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 4.22 | 211.00 | DELSUR |
| 34-4-85 | 17-Dic-2010 | 18:29 | 17-Dic-2010 | 18:30 | 0 | 51 | FALLA EN LINEA, EEO ESTABA EFECTUANDO MANIOBRAS, TOMO CON ESTE CIRCUITO PARTE DE CARGA DEL 40-4-81 QUE ESTABA EN EL 18-4-83. | 5.94 | 99.00 | EEO |
| 35-4-83 | 18-Dic-2010 | 20:20 | 18-Dic-2010 | 20:21 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 12.89 | 214.83 | CLESA |
| 35-4-83 | 18-Dic-2010 | 21:09 | 18-Dic-2010 | 21:10 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 11.18 | 186.33 | CLESA |
| 35-4-83 | 18-Dic-2010 | 22:34 | 18-Dic-2010 | 22:35 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 7.98 | 133.00 | CLESA |
| 35-4-82 | 19-Dic-2010 | 07:30 | 19-Dic-2010 | 07:33 | 0 | MANUAL | MANTTO. PROGRAMADO, TRABAJOS DE INVERSION EN SUB-BARRIO NUEVO, CARGA TRANSFERIDA AL 35-4-81. | 2.50 | 125.00 | CLESA |
| 13-3-81 | 19-Dic-2010 | 09:41 | 19-Dic-2010 | 19:47 | 0 | MANUAL | MANTTO. PROGRAMADO, TRABAJOS DE INVERSION EN EL CIRCUITO, CARGA TRANSFERIDA A INT. 41-4-82 A NIVEL DE 13.2KV. | 1.03 | 17.17 | CLESA |
| 35-4-82 | 19-Dic-2010 | 16:37 | 19-Dic-2010 | 16:38 | 0 | MANUAL | MANTTO. PROGRAMADO, PARA NORMALIZAR CARGA TRANSFERIDA AL 35-4-81. | 2.92 | 48.67 | CLESA |
| 41-4-82 | 20-Dic-2010 | 10:59 | 20-Dic-2010 | 11:00 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 7.22 | 120.33 | CLESA |
| 35-4-85 | 22-Dic-2010 | 06:20 | 22-Dic-2010 | 06:21 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 8.98 | 149.67 | ANDA |
| 34-4-85 | 23-Dic-2010 | 13:53 | 23-Dic-2010 | 13:55 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA NORMALIZAR PARTE DE CARGA DE INT. 40-4-81, QUE ESTABA TRANSFERIDA A ESTE CIRCUITO | 8.38 | 279.33 | EEO |
| 45-2-82 | 24-Dic-2010 | 06:36 | 24-Dic-2010 | 09:38 | 0 | MANUAL | MANTTO. PROGRAMADO, PODA EN LA LINEA, A SOLICITUD DE B&D. | 0.00 | 0.00 | B&D |
| 47-4-81 | 24-Dic-2010 | 06:56 | 24-Dic-2010 | 06:58 | 0 | 51NS, 59N | FALLA EN LINEA. | 6.64 | 221.33 | DELSUR |
| 30-4-84 | 24-Dic-2010 | 11:51 | 24-Dic-2010 | 11:52 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA CERRAR CUCHILLAS EN SU RED, AL MOMENTO DE LA APERTURA SE ENCONTRABA EN PARALELO CON SUB STOM. | 0.00 | 0.00 | DELSUR |
| 44-4-81 | 25-Dic-2010 | 05:54 | 25-Dic-2010 | 05:55 | 0 | 51, 59N | FALLA EN LINEA. | 6.24 | 104.00 | DELSUR |
| 46-4-82 | 26-Dic-2010 | 08:06 | 26-Dic-2010 | 11:44 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, SOLICITADO DE EMERGENCIA PARA CAMBIAR AISLAMIENTO, CARGA ESTABA TRANSFERIDA A SANT. | 0.00 | 0.00 | CAESS |
| 34-4-85 | 26-Dic-2010 | 10:02 | 26-Dic-2010 | 10:03 | 0 | 51NS, 59N | FALLA EN LINEA. | 3.93 | 65.50 | EEO |

Interrupciones del servicio

| Entrega | Fecha Inicio | Hora Inicio | Fecha Final | Hora Final | Duración | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|-------------|------------|----------|---------------|--|-------|-----------|-------------|
| 35-4-84 | 26-Dic-2010 | 11:40 | 27-Dic-2010 | 07:08 | 1 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA CAMBIAR POSTES DAÑADOS POR QUEMA DE CAÑALES, CARGA TRANSFERIDA AL 38-4-82. | 0.00 | 0.00 | DELSUR |
| 47-4-83 | 27-Dic-2010 | 05:21 | 27-Dic-2010 | 05:23 | 0 | 51 | FALLA EN LINEA. | 5.08 | 169.33 | DELSUR |
| 38-4-83 | 27-Dic-2010 | 09:02 | 27-Dic-2010 | 16:02 | 0 | MANUAL | MANTTO. PROGRAMADO, MANTTO. EN SU SISTEMA . | 0.00 | 0.00 | HANES |
| 44-4-81 | 27-Dic-2010 | 12:26 | 27-Dic-2010 | 12:46 | 0 | 51, 59N | FALLA EN LINEA, PRUEBA NEGATIVA. A LAS 12:31; DELSUR REPORTO POSTE CHOCADO. | 10.60 | 3,533.33 | DELSUR |
| 35-4-82 | 28-Dic-2010 | 08:59 | 28-Dic-2010 | 11:05 | 0 | 51, 51NS, 59N | FALLA EN LINEA, PRUEBAS NEGATIVAS A LAS 09:00, 09:53 Y 10:23 HRS., OPERANDO LAS MISMAS PROTECCIONES. CARGA RECUPERADA EN EL 35-4-83. CLESA CAMBIO AISLAMIENTO Y DESCONECTO PARARRAYOS. | 9.46 | 19,866.00 | ETESAL |
| 44-4-80 | 28-Dic-2010 | 15:28 | 28-Dic-2010 | 15:29 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA CAMBIAR FUSIBLE EN SUB ZAPOTITAN. CARGA TRASLADADA PREVIAMENTE (15:03 HRS.) A CKTO. 44-4-82. | 0.00 | 0.00 | CLESA |
| 44-3-84 | 29-Dic-2010 | 17:17 | 29-Dic-2010 | 17:18 | 0 | 51 | FALLA EN LINEA. | 2.95 | 49.17 | CLESA |
| 35-4-82 | 29-Dic-2010 | 17:33 | 29-Dic-2010 | 19:50 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA REALIZAR PRUEBAS EN CONJUNTO CON ETESAL EN PARARRAYO. EL INTERRUPTOR ESTABA CON CERO CARGA. SE CAMBIO PARARRAYO FASE B. | 0.00 | 0.00 | CLESA |
| 35-4-82 | 30-Dic-2010 | 01:48 | 30-Dic-2010 | 02:30 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA TRATAR DE NORMALIZAR LA CARGA DE ESTE INTERRUPTOR, SIENDO EL RESULTADO NEGATIVO POR PROBLEMA EN CUCHILLAS DE CLESA. | 0.00 | 0.00 | CLESA |
| 35-4-83 | 30-Dic-2010 | 01:51 | 30-Dic-2010 | 01:55 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA TRATAR DE TRANSFERIR CARGA A INT.35-4-82, CON RESULTADO NEGATIVO POR PROBLEMAS EN CUCHILLAS DE CLESA. | 6.61 | 440.67 | CLESA |
| 35-4-82 | 30-Dic-2010 | 14:35 | 30-Dic-2010 | 14:37 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA RETORNAR LA CARGA QUE SE ENCONTRABA EN EL INT.35-4-83. | 0.00 | 0.00 | CLESA |
| 11-4-81 | 30-Dic-2010 | 17:01 | 30-Dic-2010 | 17:05 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, DISPARO DE UNIDADES GENERADORAS EN GUAT. | 3.38 | 225.33 | AMM |
| 13-3-81 | 30-Dic-2010 | 17:01 | 30-Dic-2010 | 17:04 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, DISPARO DE UNIDADES GENERADORAS EN GUAT. | 1.77 | 88.50 | AMM |
| 13-4-81 | 30-Dic-2010 | 17:01 | 30-Dic-2010 | 17:04 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, DISPARO DE UNIDADES GENERADORAS EN GUAT. | 6.17 | 308.50 | AMM |
| 34-4-82 | 30-Dic-2010 | 17:01 | 30-Dic-2010 | 17:03 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, DISPARO DE UNIDADES GENERADORAS EN GUAT. | 5.03 | 167.67 | AMM |
| 34-4-83 | 30-Dic-2010 | 17:01 | 30-Dic-2010 | 17:04 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, DISPARO DE UNIDADES GENERADORAS EN GUAT. | 1.85 | 92.50 | AMM |
| 34-4-85 | 30-Dic-2010 | 17:01 | 30-Dic-2010 | 17:04 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, DISPARO DE UNIDADES GENERADORAS EN GUAT. | 3.94 | 197.00 | AMM |
| 40-4-82 | 30-Dic-2010 | 17:01 | 30-Dic-2010 | 17:04 | 0 | 81 | FALLA EN UNIDADES GENERADORAS, DISPARO DE UNIDADES GENERADORAS EN GUAT. | 3.93 | 196.50 | AMM |
| 13-4-81 | 30-Dic-2010 | 20:56 | 30-Dic-2010 | 20:59 | 0 | MANUAL | SOLICITUD DE DISTRIBUIDOR, PARA CAMBIAR POWER FUSE EN SUB-METALIO. | 5.84 | 292.00 | CLESA |

Interrupciones del servicio

| Entrega | Fecha Inicio | Hora Inicio | Fecha Final | Hora Final | Duración | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|-------------|------------|----------|---------------|---|------|--------|-------------|
| 35-4-84 | 30-Dic-2010 | 23:30 | 30-Dic-2010 | 23:31 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 0.46 | 7.60 | DELSUR |
| 35-4-85 | 31-Dic-2010 | 07:13 | 31-Dic-2010 | 07:16 | 0 | 51, 51NS, 59N | FALLA EN LINEA. | 9.03 | 451.50 | ANDA |
| 44-4-86 | 31-Dic-2010 | 10:01 | 31-Dic-2010 | 11:50 | 0 | MANUAL | MANTTO. PROGRAMADO, PARA AISLAR RED DE EDESAL EN EL PUNTO DE INTERCONEXION CON ALIMENTADOR ATEOS-AMERICAN PARK. | 0.30 | 545.00 | EDESAL |

Programa Anual de Mantenimientos

| PLANTA/UNIDAD | PROGRAMADO | DURACION | REPROGRAMADO | DURACION | EJECUTADO | DURACION | MOTIVO | | | |
|-------------------------|------------|-----------|--------------|-----------|-----------|-----------|---------------------------------|-----------|----------------------------------|--|
| GUAJOYO | | | | | | | | | | |
| UNIDAD 1 | 07-Jun-10 | 16-Jun-10 | 10 DIAS | | | | Cambio Cojinete guia de Turbina | | | |
| CERRON GRANDE | | | | | | | | | | |
| UNIDAD 1 | 05-Abr-10 | 26-Abr-10 | 22 DIAS | 15-Abr-10 | 06-May-10 | 22 DIAS | Mantenimiento mayor | | | |
| UNIDAD 2 | 09-Jul-10 | 11-Jul-10 | 3 DIAS | | | 09-Jul-10 | 11-Jul-10 | 3 DIAS | Inspección del rodete de turbina | |
| 5 DE NOVIEMBRE | | | | | | | | | | |
| UNIDAD 1 | | | | | | | | | | |
| UNIDAD 2 | 11-Ene-10 | 25-Ene-10 | 15 DIAS | | | 11-Ene-10 | 24-Ene-10 | 14 DIAS | Mantenimiento mayor | |
| UNIDAD 4 | 01-Feb-10 | 15-Feb-10 | 15 DIAS | | | 01-Feb-10 | 13-Feb-10 | 13 DIAS | Mantenimiento mayor | |
| UNIDAD 5 | 19-Feb-10 | 05-Mar-10 | 15 DIAS | | | 19-Feb-10 | 04-Mar-10 | 14 DIAS | Mantenimiento mayor | |
| 15 DE SEPTIEMBRE | | | | | | | | | | |
| UNIDAD 1 | 07-Mar-10 | 27-Mar-10 | 21 DIAS | 08-May-10 | 28-May-10 | 21 DIAS | 08-May-10 | 26-May-10 | 19 DIAS | Mantenimiento mayor |
| UNIDAD 2 | | | | | | | | | | |
| AHUACHAPAN | | | | | | | | | | |
| UNIDAD 2 | 10-Ene-10 | 21-Feb-10 | 43 DIAS | | | | 10-Ene-10 | 27-Feb-10 | 49 DIAS | Mantenimiento mayor |
| UNIDAD 1 | 06-Jun-10 | 18-Jul-10 | 43 DIAS | | | | 06-Jun-10 | 06-Jul-10 | 31 DIAS | Mantenimiento mayor |
| BERLIN | | | | | | | | | | |
| UNIDAD 3 | 15-Feb-10 | 16-Mar-10 | 30 DIAS | 15-Feb-10 | 25-Mar-10 | 39 DIAS | 15-Feb-10 | 24-Mar-10 | 38 DIAS | Mantenimiento mayor |
| UNIDAD 1 | 05-Sep-10 | 25-Sep-10 | 21 DIAS | 20-Nov-10 | 10-Dic-10 | 21 DIAS | 20-Nov-10 | 06-Dic-10 | 17 DIAS | Mantenimiento mayor |
| UNIDAD 4 | 04-Abr-10 | 18-Abr-10 | 15 DIAS | 20-Nov-10 | 05-Dic-10 | 16 DIAS | | | | Mantenimiento mayor, revisión anual |
| ACAJUTLA | | | | | | | | | | |
| MOTOR 7 | 30-Ene-10 | 28-Feb-10 | 30 DIAS | | | | 30-Ene-10 | 06-Mar-10 | 36 DIAS | Mantenimiento de 48,000 Hrs. |
| MOTOR 9 | 03-Abr-10 | 02-May-10 | 30 DIAS | 19-Jun-10 | 18-Jul-10 | 30 DIAS | 19-Jun-10 | 20-Jul-10 | 32 DIAS | Mantenimiento de 48,000 Hrs. |
| MOTOR 1 | 21-Jun-10 | 30-Jul-10 | 40 DIAS | 14-Ago-10 | 22-Sep-10 | 40 DIAS | 14-Ago-10 | 29-Sep-10 | 47 DIAS | Mantenimiento de 60,000 Hrs. |
| MOTOR 3 | 16-Ago-10 | 24-Sep-10 | 40 DIAS | 30-Oct-10 | 28-Nov-10 | 30 DIAS | 30-Oct-10 | 01-Dic-10 | 33 DIAS | Mantenimiento de 60,000 Hrs. |
| UNIDAD 2 | 04-Oct-10 | 28-Oct-10 | 25 DIAS | 18-Oct-10 | 11-Nov-10 | 25 DIAS | | | | Se traslada para el PAMM 2011 |
| UNIDAD 4 | 11-Ene-10 | 30-Ene-10 | 20 DIAS | 06-Sep-10 | 25-Sep-10 | 20 DIAS | 06-Sep-10 | 14-Oct-10 | 39 DIAS | Mantenimiento de Turbina y Sistema de Combustión. |
| SOYAPANGO | | | | | | | | | | |
| | | | | | | | | | | |
| NEJAPA POWER | | | | | | | | | | |
| MOTORES | | | | | | | | | | El 75% de las semanas del año, tendran en Mantenimiento un motor |
| CESSA | | | | | | | | | | |
| MOTORES | 11-Ene-10 | 02-Mar-10 | 51 DIAS | | | | 11-Ene-10 | 05-Feb-10 | 26 DIAS | Mantenimiento en los motores |
| MOTORES | 05-Jul-10 | 21-Ago-10 | 48 DIAS | 20-Sep-10 | 06-Nov-10 | 48 DIAS | | | | Mantenimiento en los motores |
| TALNIQUE | | | | | | | | | | |
| MOTOR 1 | 24-Abr-10 | 08-May-10 | 15 DIAS | 19-Jun-10 | 03-Jul-10 | 15 DIAS | 18-Jun-10 | 06-Jul-10 | 19 DIAS | Mantenimiento del motor |
| MOTOR 2 | 06-Feb-10 | 20-Feb-10 | 15 DIAS | 24-Abr-10 | 08-May-10 | 15 DIAS | 24-Abr-10 | 09-May-10 | 16 DIAS | |
| MOTOR 3 | 06-Mar-10 | 20-Mar-10 | 15 DIAS | 22-May-10 | 05-Jun-10 | 15 DIAS | 22-May-10 | 06-Jun-10 | 16 DIAS | |
| MOTOR 4 | 04-Sep-10 | 18-Sep-10 | 15 DIAS | 30-Oct-10 | 13-Nov-10 | 15 DIAS | 30-Oct-10 | 13-Nov-10 | 15 DIAS | |
| MOTOR 5 | 25-Sep-10 | 09-Oct-10 | 15 DIAS | | | | | | | |
| MOTOR 6 | 16-Oct-10 | 30-Oct-10 | 15 DIAS | | | | | | | |
| MOTOR 7 | 06-Nov-10 | 20-Nov-10 | 15 DIAS | 27-Nov-10 | 11-Dic-10 | 15 DIAS | | | | |
| MOTOR 8 | 18-Dic-10 | 01-Ene-11 | 15 DIAS | | | | | | | |
| MOTOR 9 | 14-Ago-10 | 28-Ago-10 | 15 DIAS | 02-Oct-10 | 16-Oct-10 | 15 DIAS | 02-Oct-10 | 22-Oct-10 | 21 DIAS | Mantenimiento en los motores |
| TEXTUFIL | | | | | | | | | | |
| MOTOR 5 | 08-May-10 | 16-May-10 | 9 DIAS | 15-May-10 | 24-May-10 | 10 DIAS | 15-May-10 | 27-May-10 | 13 DIAS | Mantenimiento de 15,000 Hrs. |
| MOTOR 4 | 22-May-10 | 30-May-10 | 9 DIAS | 05-Jun-10 | 13-Jun-10 | 9 DIAS | 05-Jun-10 | 13-Jun-10 | 9 DIAS | Mantenimiento de 7,500 Hrs. |
| MOTOR 2 | 21-Ago-10 | 28-Ago-10 | 8 DIAS | 06-Dic-10 | 12-Dic-10 | 7 DIAS | | | | Mantenimiento de 15,000 Hrs. |
| MOTOR 1 | 04-Sep-10 | 11-Sep-10 | 8 DIAS | | | | | | | Mantenimiento de 15,000 Hrs. |
| MOTOR 6 | 09-Oct-10 | 17-Oct-10 | 9 DIAS | 22-Nov-10 | 28-Nov-10 | 7 DIAS | | | | Mantenimiento de 7,500 Hrs. |
| MOTOR 7 | 23-Oct-10 | 31-Oct-10 | 9 DIAS | 11-Dic-10 | 20-Dic-10 | 10 DIAS | | | | Mantenimiento de 7,500 Hrs. |
| MOTOR 3 | 06-Nov-10 | 14-Nov-10 | 9 DIAS | | | | | | | Mantenimiento de 15,000 Hrs. |
| GECSA | | | | | | | | | | |
| MOTOR 1 | 01-Mar-10 | 30-Mar-10 | 30 DIAS | 22-May-10 | 20-Jun-10 | 30 DIAS | 22-May-10 | 14-Jun-10 | 24 DIAS | Mantenimiento de 16,000 Hrs. |
| MOTOR 2 | 12-Abr-10 | 11-May-10 | 30 DIAS | 26-Jun-10 | 25-Jul-10 | 30 DIAS | 26-Jun-10 | 19-Jul-10 | 24 DIAS | Mantenimiento de 16,000 Hrs. |
| MOTOR 3 | 14-Jun-10 | 13-Jul-10 | 30 DIAS | 07-Ago-10 | 05-Sep-10 | 30 DIAS | 07-Ago-10 | 31-Ago-10 | 25 DIAS | Mantenimiento de 16,000 Hrs. |



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