
Septiembre

Unidad de Transacciones, S.A. de C.V.
Administradora del Mercado Mayorista de Electricidad

Boletín Estadístico



2016



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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 | 175.88 | 32.43% |
| Geotérmica | 123.16 | 22.71% |
| Térmica | 99.16 | 18.29% |
| Importaciones | 126.01 | 23.24% |
| Desvíos | 18.08 | 3.33% |

| Total inyecciones MME | GWh | % |
|---------------------------------------|---------------|------|
| (-) Exportaciones | 3.08 | |
| Desvíos | 17.87 | |
| Pérdidas de transmisión ^{1/} | 10.73 | 2.0% |
| | 510.62 | |

| Demanda MME | GWh | % |
|--------------------------------|---------------|---------------|
| Mercado de Contratos | 303.37 | 59.4% |
| Mercado Regulador del Sistema | 207.25 | 40.6% |
| Total Demanda en el MME | 510.62 | 100.0% |

| Energía de Paso ^{1/} | Retiro | Inyección |
|---|--------|-----------|
| ^{1/} A partir del 01 de junio 2013 con la entrada del RMER, ya no son declaradas las energía de paso. | 0.0 | 0.00 |
| | 0.00 | 0.0 |

| Precios MRS | \$/MWh |
|--------------------------------|----------|
| Promedio mensual ^{2/} | \$ 79.72 |

| Demanda Máxima de Potencia | MW | Fecha/hora |
|----------------------------|------|-----------------|
| Máxima | 1025 | 29-sep-16 14:30 |
| Mínima | 466 | 05-sep-16 3:00 |

1/ Como porcentaje de la inyección.

2/ Nota: a partir del 1 de Agosto de 2011 el precio de la energía ha sido calculado con base a lo establecido en el Reglamento de Operación Basado en Costos de Producción (ROBCP)

Inyecciones

| Rubros | Septiembre 2016 | | 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 | 398.2 | -5.4 | -8.9 | 4,315.0 | 3.6 | 422.1 | -6.5 | 472.8 | 4.4 |
| Intercambios Internacionales (+/-) ^{1/} | 123.1 | -3.5 | 38.1 | 544.8 | -17.2 | 118.2 | 21.9 | 65.5 | -13.0 |
| Pérdidas de transmisión | 10.73 | -7.8 | 9.3 | 91.6 | 7.0 | 11.2 | 10.1 | 10.3 | 8.7 |
| Demanda Mercado Mayorista | 510.6 | -5.0 | -1.2 | 4,772.5 | 0.7 | 529.7 | -1.7 | 528.6 | 1.8 |

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

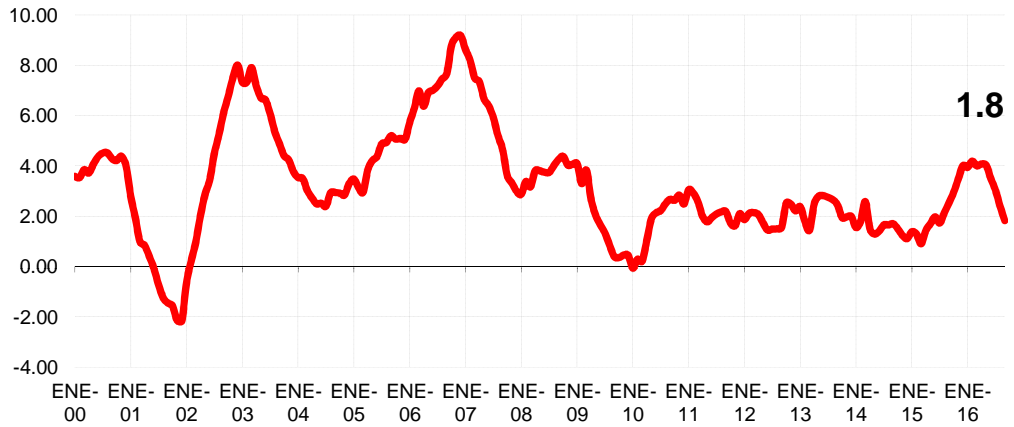
Signo (-) : Saldo comercial neto a favor de exportaciones

Incluye desvíos

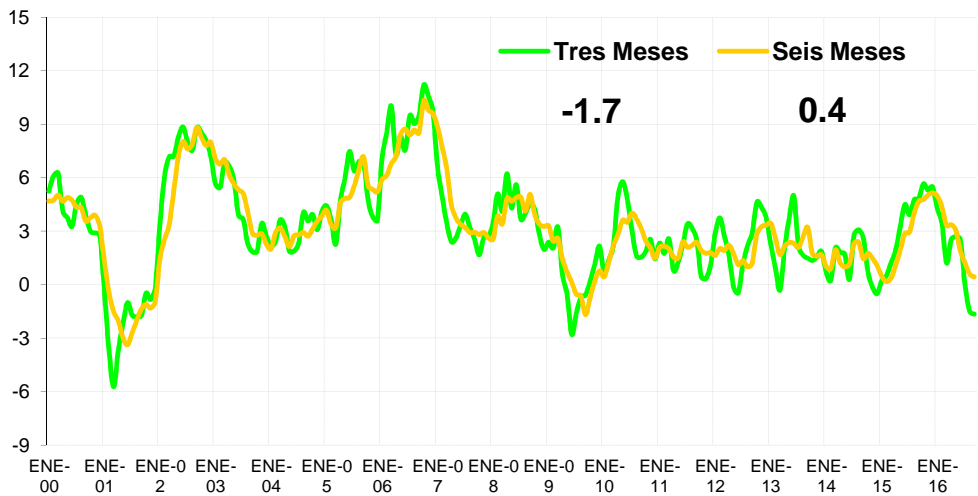
^{2/} Para el detalle de los períodos ver el apartado de Referencias de la Pág. 3.

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

Tasa de variación anual
Promedio móvil doce meses
Enero 2000
Septiembre 2016



Tasa de variación anual
Promedio móvil tres y seis meses
Enero 2000
Septiembre 2016



Inyecciones Por Recurso Inyectado

| Participante de mercado | Septiembre 2016 | | Var. % | Acumulado Anual ^{2/} | | Últimos 3 meses ^{2/} | | Últimos 12 meses ^{2/} | |
|-------------------------|-----------------|----------------------|---------------------|-------------------------------|--------------|-------------------------------|-------------|--------------------------------|-------------|
| | GWh | Var. % ^{2/} | Anual ^{2/} | GWh | Var. % | GWh | Var. % | GWh | Var. % |
| Hidroeléctrica | 175.9 | 22.4 | 101.8 | 1,134.7 | 36.5 | 148.8 | 136.3 | 137.7 | 20.1 |
| Geotérmica | 123.2 | -1.9 | 7.7 | 1,116.9 | 3.8 | 124.8 | 3.1 | 122.8 | 3.0 |
| Térmica | 99.2 | -34.6 | -57.9 | 2,063.4 | -8.6 | 148.5 | -44.5 | 212.4 | -3.0 |
| Iny. Nacional | 398.2 | | | | | | | | |
| Importaciones | 126.0 | -2.0 | 37.3 | 619.7 | -11.2 | 119.8 | 22.2 | 73.8 | -6.9 |
| Total inyectado | 524.2 | | | 4,934.7 | | | | | |

^{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 | Septiembre 2016 | | Var. % | Acumulado Anual ^{2/} | | Últimos 3 meses ^{2/} | | Últimos 12 meses ^{2/} | |
|------------------------------|-----------------|----------------------|---------------------|-------------------------------|--------|-------------------------------|--------|--------------------------------|--------|
| | GWh | Var. % ^{2/} | Anual ^{2/} | GWh | Var. % | GWh | Var. % | GWh | Var. % |
| CEL | 175.9 | 22.4% | 101.8% | 1,134.7 | 36.5% | 148.8 | 136.3% | 137.7 | 20.1% |
| LAGEO | 123.2 | -1.9% | 7.7% | 1,116.9 | 3.8% | 124.8 | 3.1% | 122.8 | 3.0% |
| NEJAPA POWER | 3.3 | -72.4% | -92.8% | 267.2 | -33.2% | 12.0 | -77.8% | 25.6 | -23.5% |
| DUKE ENERGY | 59.6 | -18.9% | -30.9% | 746.7 | 14.7% | 71.7 | -23.9% | 78.9 | 25.7% |
| INE | 14.5 | -46.8% | -65.7% | 365.9 | -10.4% | 28.2 | -45.2% | 37.4 | -12.2% |
| TERMOPUERTO ^{3/} | 20.3 | -43.8% | -53.8% | 362.6 | -5.4% | 33.6 | -23.0% | 39.3 | -3.4% |
| TEXTUFIL | 1.4 | -48% | -90.1% | 33.3 | -62.6% | 2.9 | -83.9% | 3.7 | -56.0% |
| BOREALIS ^{1/} | 0.0 | | -96.8% | 0.8 | -88.5% | 0.0 | -99.7% | 0.1 | -88.8% |
| GECSA ^{1/} | 0.0 | | -99.4% | 2.5 | -80.5% | 0.0 | -99.9% | 0.2 | -77.2% |
| HILCASA ^{1/} | 0.0 | -81% | -99% | | | 0.0 | -98.9% | 0.0 | -76.8% |
| CASSA | | | | 70.8 | -30.6% | | | 7.6 | -29.6% |
| ING. EL ANGEL | | | | 92.4 | 48.8% | | | 8.4 | 27.6% |
| ING. LA CABAÑA ^{1/} | | | | 28.4 | 181.7% | | | 2.5 | 116.1% |
| CHAPARRAST. | | | | 92.7 | -28.2% | | | 8.7 | -20.2% |
| HOLCIM | | | | | | | | | |
| Total | 398.2 | | | 4,315.0 | | 422.1 | | 472.8 | |

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

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

^{3/} A partir del 01/06/2013 inicia operaciones comerciales

^{4/} 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 | 339.5 | 305.3 | 321.2 | 316.1 | 326.3 | 312.2 | 327.0 | 320.1 | 303.4 | | | | 2,871.1 |
| MRS | 169.6 | 181.8 | 220.1 | 239.9 | 241.0 | 210.5 | 213.9 | 217.4 | 207.3 | | | | 1,901.4 |
| Total | 509.1 | 487.0 | 541.3 | 556.0 | 567.3 | 522.7 | 540.9 | 537.5 | 510.6 | 0.0 | 0.0 | 0.0 | 4,772.5 |

MC: Mercado de Contratos

MRS: Mercado Regulador del Sistema

Contratos Totales de Inyección (GWh)

| Participante de mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|----------------|
| BOREALIS | 5.6 | 5.6 | 5.9 | 5.7 | 5.9 | 5.6 | 5.9 | 5.8 | 5.5 | | | | 51.6 |
| CASSA | | | | | | | | | | | | | 0.0 |
| CEL | 28.7 | 26.8 | 28.7 | 27.8 | 28.7 | 27.8 | 28.7 | 28.7 | 27.8 | | | | 253.7 |
| CENERGICA | 14.3 | 14.1 | 14.8 | 14.6 | 15.0 | 14.3 | 15.0 | 14.6 | 13.9 | | | | 130.6 |
| DELSUR | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.5 | 1.4 | | | | 13.2 |
| DUKE | 66.2 | 57.8 | 60.8 | 59.8 | 61.7 | 58.6 | 61.6 | 60.0 | 56.9 | | | | 543.3 |
| EXCELERGY | | | | | | | | | | | | | 0.0 |
| GECSA | 4.9 | 4.8 | 5.1 | 5.0 | 5.2 | 4.9 | 5.1 | 5.0 | 4.7 | | | | 44.8 |
| HILCASA | | | | | | | | | | | | | 0.0 |
| ILA CABAÑA | 1.3 | | | | | | | | | | | | 1.3 |
| IEL ANGEL | | | 3.5 | | | | | | | | | | 3.5 |
| INE | 42.6 | 42.0 | 44.2 | 43.5 | 44.8 | 42.6 | 44.7 | 43.5 | 41.3 | | | | 389.2 |
| LAGEO | 47.1 | 44.4 | 46.1 | 45.9 | 47.6 | 47.0 | 48.8 | 48.4 | 45.1 | | | | 420.4 |
| MERELEC | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | | | | 6.6 |
| NEPO | 66.5 | 65.6 | 69.0 | 68.0 | 70.1 | 66.5 | 69.9 | 68.0 | 64.5 | | | | 608.0 |
| TEXT | 17.1 | 5.6 | 5.9 | 5.8 | 6.0 | 5.7 | 6.0 | 5.8 | 5.5 | | | | 63.5 |
| TPTO | 25.2 | 24.8 | 26.1 | 25.8 | 26.5 | 25.2 | 26.4 | 25.7 | 24.4 | | | | 230.1 |
| ORIGEM | 1.3 | | | | | | | | | | | | 1.3 |
| POLIWATT | 16.7 | 11.7 | 12.4 | 12.1 | 12.5 | 11.9 | 12.5 | 12.2 | 11.6 | | | | 113.6 |
| CX1/ | | | -3.5 | | | | | | | | | | -3.5 |
| Total | 339.5 | 305.3 | 321.2 | 316.1 | 326.3 | 312.2 | 327.0 | 320.1 | 303.4 | 0.0 | 0.0 | 0.0 | 2,871.1 |

^{1/} CX: Contratos de Exportación

Retiros

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

| Participante de Mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|--------------|
| ABRUZZO | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 1.3 | 1.4 | 1.4 | 1.3 | | | | 6.9 |
| ANDA | 28.2 | 26.4 | 28.2 | 27.3 | 28.2 | 27.3 | 28.2 | 28.2 | 27.3 | | | | 249.3 |
| B&D | 1.3 | 1.1 | 0.9 | 1.1 | 1.4 | 1.4 | 1.5 | 1.5 | | | | | 10.1 |
| CAESS | 26.9 | 22.7 | 24.3 | 23.5 | 24.3 | 23.5 | 24.3 | 24.3 | 23.5 | | | | 217.5 |
| CEL | | | | | | | | | | | | | 0.0 |
| CEL-COM | 0.5 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | | | | 4.3 |
| CENERGICA | | | | | | | | | | | | | 0.0 |
| CLESA | 8.4 | 7.8 | 8.4 | 8.1 | 8.4 | 8.1 | 8.4 | 8.4 | 8.1 | | | | 73.9 |
| DELSUR | 9.1 | 8.5 | 9.1 | 8.8 | 9.1 | 8.8 | 9.1 | 9.1 | 8.8 | | | | 80.1 |
| DEUSEM | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | | | | 2.2 |
| EDECSA | | | | | | | | | | | | | 0.0 |
| EDESAL-DIS | | | | | | | | | | | | | 0.0 |
| EDESAL-COM | | | | | | | | | | | | | 0.0 |
| EEO | 1.0 | 0.9 | | 0.9 | 1.0 | 0.9 | 1.0 | 1.0 | 0.9 | | | | 8.6 |
| EXCELERGY | | | 3.5 | | | | | | | | | | 3.5 |
| HANES | 4.8 | 4.9 | 4.2 | 5.0 | 5.1 | 4.9 | 5.2 | 4.8 | 4.4 | | | | 43.3 |
| IEL ANGEL | | | | | | | | | | | | | 0.0 |
| LAGEO | | | | | | | | | | | | | 0.0 |
| NEPO | | | | | | | | | | | | | 0.0 |
| CX1/ | | | -3.5 | | | | | | | | | | -3.5 |
| Total bilaterales | 80.6 | 73.3 | 77.0 | 75.8 | 78.5 | 77.0 | 79.8 | 79.4 | 75.1 | 0.0 | 0.0 | 0.0 | 696.4 |

^{1/} CX: Contratos de Exportación

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

| Participante de Mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|----------------|
| B&D | 1.1 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 0.9 | 0.9 | | | | 8.4 |
| CAESS | 103.9 | 94.0 | 97.4 | 99.0 | 99.8 | 94.9 | 99.6 | 96.8 | 91.8 | | | | 877.2 |
| CLESA | 41.4 | 36.9 | 39.5 | 38.1 | 39.2 | 37.1 | 39.0 | 37.8 | 35.7 | | | | 344.6 |
| DELSUR | 75.8 | 67.6 | 71.1 | 68.5 | 72.6 | 69.1 | 71.8 | 70.1 | 67.5 | | | | 634.2 |
| DEUSEM | 5.9 | 5.2 | 5.6 | 5.5 | 5.8 | 5.5 | 5.8 | 5.8 | 5.3 | | | | 50.4 |
| EDESAL | 3.4 | 3.2 | 3.1 | 2.5 | 2.7 | 2.8 | 3.3 | 3.2 | 3.1 | | | | 27.4 |
| EEO | 27.4 | 24.1 | 26.7 | 25.8 | 26.7 | 24.9 | 26.8 | 26.1 | 23.8 | | | | 232.4 |
| Totales | 258.9 | 232.0 | 244.2 | 240.4 | 247.8 | 235.2 | 247.2 | 240.7 | 228.2 | 0.0 | 0.0 | 0.0 | 2,174.7 |

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 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|----------------|
| ABRUZZO-COM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 |
| ABRUZZO-DIS | -0.1 | 0.2 | 0.7 | 0.7 | 0.8 | -0.3 | -0.3 | -0.3 | -0.3 | | | | 1.1 |
| ALAS DORADAS | 4.0 | 3.8 | 4.1 | 4.0 | 4.0 | 4.0 | 4.1 | 3.7 | 4.0 | | | | 35.6 |
| ANDA | -5.0 | -5.1 | -3.7 | -3.6 | -2.4 | -3.5 | -5.9 | -3.5 | -5.6 | | | | -38.1 |
| B&D | 0.1 | 0.5 | 0.6 | 0.7 | 0.3 | 0.1 | 0.2 | 0.0 | 1.8 | | | | 4.6 |
| BOREALIS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.2 |
| CAESS | 54.3 | 60.2 | 75.3 | 86.3 | 89.2 | 78.5 | 84.3 | 82.4 | 80.9 | | | | 691.5 |
| CASSA | 0.0 | 0.0 | 0.0 | 0.2 | 0.4 | 0.4 | 0.3 | 0.3 | 0.4 | | | | 1.9 |
| CEL | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | | | | 2.8 |
| CEL-COM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 |
| CENER | | | | | | | | | | | | | 0.0 |
| CENERGICA | | | | | | | | | | | | | 0.0 |
| COMERCIA | | | | | | | | | | | | | 0.0 |
| CHAP | 0.1 | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | | | | 1.4 |
| CLESA | 29.0 | 30.3 | 38.5 | 37.5 | 37.8 | 32.6 | 31.1 | 32.7 | 30.1 | | | | 299.6 |
| DELSUR | 45.6 | 48.6 | 54.2 | 59.8 | 56.8 | 51.1 | 52.7 | 52.6 | 48.5 | | | | 469.8 |
| DEUSEM | 6.0 | 6.4 | 7.4 | 7.5 | 7.9 | 6.7 | 6.8 | 6.8 | 6.5 | | | | 61.9 |
| DUKE | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | | | | 2.1 |
| DUKE (COM) | | | | | | | | | | | | | 0.0 |
| EDECSA | | | | | | | | | | | | | 0.0 |
| EDESAL-DIS | 4.0 | 4.1 | 4.6 | 6.2 | 6.2 | 5.9 | 3.2 | 4.7 | 4.7 | | | | 43.6 |
| EDESAL-COM | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 | | | | 3.3 |
| EEO | 23.8 | 25.1 | 30.8 | 32.9 | 32.3 | 27.3 | 28.5 | 28.5 | 27.2 | | | | 256.4 |
| EXCELERGY | 2.9 | 2.7 | 2.8 | 2.7 | 2.9 | 2.7 | 2.8 | 2.8 | 2.8 | | | | 25.1 |
| GECSA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.2 |
| HANES | 1.1 | 1.2 | 1.1 | 0.9 | 1.1 | 0.9 | 1.4 | 1.3 | 1.1 | | | | 10.1 |
| HILCASA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 |
| HOLCIM | 1.0 | 1.0 | 1.0 | 1.2 | 0.6 | 1.0 | 1.5 | 1.9 | 1.7 | | | | 11.1 |
| IEL ANGEL | 0.2 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | | | | 1.8 |
| INE | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | | | | 0.7 |
| LAGEO | 1.0 | 0.9 | 1.0 | 1.3 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | | | | 9.4 |
| LYNX | | | | | | | 0.0 | 0.0 | | | | | 0.0 |
| MERELEC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 |
| NEPO | 0.5 | 0.4 | 0.4 | 0.2 | 0.1 | 0.2 | 0.5 | 0.6 | 0.7 | | | | 3.5 |
| ORIGEM | | | | | | | | | | | | | 0.0 |
| RIO SOTO | | | | | | | | | | | | | 0.0 |
| TEXT | 0.1 | 0.1 | 0.1 | 0.2 | 0.5 | 0.3 | 0.1 | 0.1 | 0.1 | | | | 1.6 |
| TPTO | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.1 | | | | 0.1 |
| Totales | 169.6 | 181.8 | 220.1 | 239.9 | 241.0 | 210.5 | 213.9 | 217.4 | 207.3 | 0.0 | 0.0 | 0.0 | 1,901.4 |

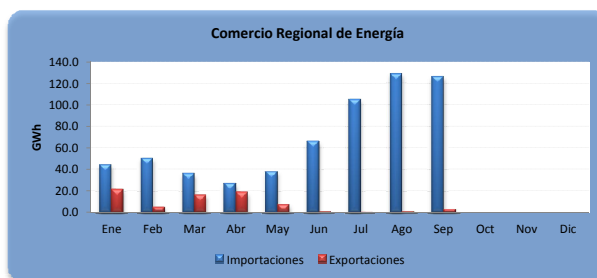
Comercio Internacional

Importaciones por Participante de Mercado (GWh)

| Participante de mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|------------|------------|------------|--------------|
| ALAS DORADAS | 1.1 | 2.9 | 3.4 | 3.3 | 3.3 | 2.8 | 2.3 | 1.0 | 1.7 | | | | 21.7 |
| BOREALIS | 0.9 | 5.2 | 0.6 | 0.8 | 3.3 | 5.0 | 5.3 | 3.2 | 3.7 | | | | 27.8 |
| CEL COM | | | | | | | | | | | | | 0.0 |
| CENER | | | | 0.0 | 0.4 | 1.3 | 1.2 | | | | | | 2.9 |
| COMERCIA | 1.1 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.6 | | | | 2.9 |
| DEL ESTE | 0.3 | 0.5 | | | | | | | | | | | 0.8 |
| DELSUR | 0.8 | 0.6 | 0.1 | 0.1 | 0.3 | 0.6 | 1.9 | 0.7 | 1.0 | | | | 6.1 |
| DUKE (COM) | | | | 1.6 | 2.8 | 0.4 | | 7.4 | | | | | 12.2 |
| EDECSA | 4.0 | 8.3 | 6.7 | 3.2 | 3.5 | 12.4 | 18.4 | 11.9 | 10.7 | | | | 79.2 |
| CENERGICA | 2.9 | 0.4 | 0.2 | 0.0 | 1.7 | 4.4 | 17.5 | 27.1 | 21.7 | | | | 75.9 |
| ELECTRONOVA | 0.2 | 0.7 | 1.9 | 0.7 | 3.3 | 6.0 | 7.6 | 11.9 | 7.4 | | | | 39.7 |
| ENERSICA | 6.0 | 2.8 | 3.4 | 0.2 | | | | | | | | | 12.3 |
| EXCELERGY | 4.6 | 2.6 | 2.6 | 1.8 | 3.8 | 4.6 | 8.9 | 21.9 | 17.4 | | | | 68.2 |
| GENERA | | | | | | | | | | | | | 0.0 |
| INE-COM | | | | | | | | | | | | | 0.0 |
| LAGEO | | | | | | | | | | | | | 0.0 |
| LYNX | | | | | | | | | | | | | 0.0 |
| MAGDALENA | 2.1 | 1.2 | 0.6 | 0.0 | 0.7 | 1.9 | 1.4 | 2.8 | 4.5 | | | | 15.3 |
| MERELEC | 5.0 | 3.3 | 5.0 | 3.8 | 2.7 | 7.1 | 12.1 | 10.5 | 28.4 | | | | 77.7 |
| ORIGEM | 4.5 | 2.7 | | | | 2.2 | 1.3 | 2.4 | 3.2 | | | | 16.3 |
| POLIWATT | 3.1 | 4.6 | 3.9 | 2.7 | 2.7 | 6.0 | 15.1 | 18.0 | 15.2 | | | | 71.4 |
| SAN DIEGO | | | | | | | 0.9 | | 0.3 | | | | 1.2 |
| AESCLESIA | 0.7 | | | | | | | | | | | | 0.7 |
| EEO | 0.1 | 5.5 | 0.7 | 1.3 | 1.8 | 3.8 | 4.0 | 3.4 | 3.8 | | | | 24.4 |
| TEXTUFIL | 5.8 | 6.6 | 6.4 | 6.0 | 6.2 | 6.0 | 5.7 | 5.1 | 5.4 | | | | 53.1 |
| LAGEO (COM) | | | | | | | | | | | | | 0.0 |
| INFOTEKNE | 0.8 | 1.8 | 0.2 | 0.5 | 0.9 | 1.1 | 0.7 | 0.7 | 0.6 | | | | 7.4 |
| TERMOPUERTO | 0.1 | 0.1 | 0.1 | 0.4 | 0.6 | 0.3 | 0.2 | 0.2 | 0.5 | | | | 2.5 |
| AGTI | | | | | | | | | 0.0 | | | | 0.0 |
| Total | 44.1 | 50.1 | 36.0 | 26.5 | 37.9 | 65.8 | 104.6 | 128.6 | 126.0 | 0.0 | 0.0 | 0.0 | 619.7 |

Exportaciones por Participante de Mercado (GWh)

| Participante de mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------|-------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| BOREALIS | 0.9 | 0.2 | 2.3 | 1.7 | 1.2 | 0.2 | | 0.4 | 0.6 | | | | 7.7 |
| CEL Com | | | | | | | | | 1.6 | | | | 1.6 |
| DEL ESTE | | | | | | | | | | | | | 0.0 |
| DELSUR | | | | 0.1 | 0.6 | | | | 0.2 | | | | 0.8 |
| DUKE (COM) | | | | | | | | | | | | | 0.0 |
| EDECSA | 2.2 | 0.6 | 3.1 | 2.5 | 0.4 | 0.3 | 0.2 | 0.1 | | | | | 9.4 |
| CENER | 0.0 | | | 0.4 | 0.0 | | | | | | | | 0.5 |
| CENERGICA | 1.7 | 0.9 | 0.1 | 2.3 | 0.1 | | | | | | | | 5.1 |
| EXCELERGY | 1.1 | 0.5 | 5.3 | 1.0 | 0.5 | | | | | | | | 8.4 |
| LYNX | | | | | | | | | | | | | 0.0 |
| MAGDALENA | 0.1 | 0.1 | 0.4 | 0.7 | 0.8 | | 0.1 | 0.5 | 0.2 | | | | 3.0 |
| MERELEC | 4.9 | 0.2 | 0.4 | 0.1 | 1.4 | 0.5 | 0.3 | 0.0 | 0.3 | | | | 8.1 |
| NEPO | | | | | | | | | | | | | 0.0 |
| COMERCIA | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | | | | | | | | 0.9 |
| ORIGEM | 4.4 | | 0.2 | | | | | | | | | | 4.6 |
| ENERSICA | | | | | | | | | | | | | 0.0 |
| CLESA | 0.9 | | | | | | | | | | | | 0.9 |
| POLIWATT | 0.2 | 0.3 | | 2.9 | 0.8 | | | | | | | | 4.2 |
| ELECTRONOVA | 1.3 | 0.6 | 1.4 | 1.1 | 0.5 | | | 0.1 | | | | | 5.0 |
| EEO | 0.5 | 0.1 | 0.2 | 0.1 | | | | | 0.0 | | | | 0.9 |
| INE-COM | | | | | | | | | | | | | 0.0 |
| INFOTEKNE | 0.4 | | 0.3 | 0.0 | 0.0 | | | | | | | | 0.7 |
| SAN DIEGO | 0.0 | | | | | | | | | | | | 0.0 |
| TERMOPUERTO | 0.2 | 0.1 | 0.6 | 0.4 | 0.2 | 0.1 | | 0.0 | | | | | 1.4 |
| TEXTUFIL | 2.6 | 1.4 | 1.9 | 5.0 | 0.8 | | | | 0.2 | | | | 11.8 |
| Total | 21.4 | 5.0 | 16.4 | 18.6 | 7.6 | 1.1 | 0.5 | 1.2 | 3.1 | 0.0 | 0.0 | 0.0 | 74.8 |

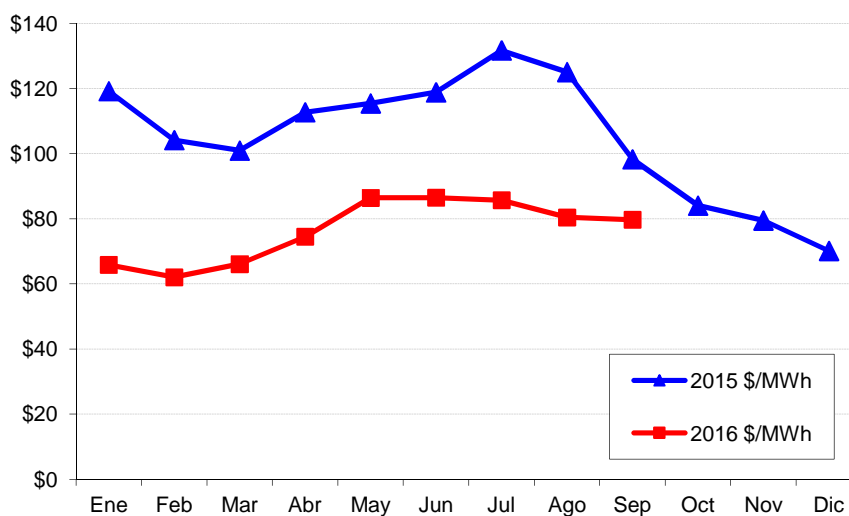


A partir del 01 de junio 2013 por la entrada en vigencia del RMER ya no puede obtener el comercio por frontera

Evolución de los precios

| Mes | Promedio | | Variaciones % | | | Prom. anual |
|-----|----------------|----------------|---------------|--------|--------|-------------|
| | 2015 \$/MWh | 2016 \$/MWh | Mes | Anual | Acum. | |
| Ene | 119.24 | 65.85 | -6.12 | -44.77 | -6.12 | 100.58 |
| Feb | 104.20 | 62.07 | -5.75 | -40.44 | -11.52 | 97.07 |
| Mar | 100.97 | 66.10 | 6.50 | -34.53 | -5.77 | 94.16 |
| Abr | 112.75 | 74.53 | 12.74 | -33.90 | 6.24 | 90.98 |
| May | 115.46 | 86.45 | 16.01 | -25.12 | 23.24 | 88.56 |
| Jun | 118.87 | 86.52 | 0.07 | -27.22 | 23.33 | 85.86 |
| Jul | 131.73 | 85.72 | -0.92 | -34.93 | 22.20 | 82.03 |
| Ago | 125.11 | 80.45 | -6.15 | -35.70 | 14.68 | 78.31 |
| Sep | 98.30 | 79.72 | -0.90 | -18.90 | 13.65 | 76.76 |
| Oct | 84.08 | | | | | |
| Nov | 79.50 | | | | | |
| Dic | 70.15 | | | | | |

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



Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | Monto Remanente | FLEMG | PTRANSIS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|---------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|-----------|
| 01/09/2016 | 0 | \$ 67.420 | \$ 0.560 | \$ 0.82 | \$ 6.890 | (0.024) | \$ - | \$ 1.479 | \$ - | \$ 0.011 | \$ 0.202 | \$ - | \$ 1.659 | \$ 11.597 | \$ 79.017 |
| 01/09/2016 | 1 | \$ 66.000 | \$ 0.561 | \$ 0.82 | \$ 6.895 | (0.005) | \$ - | \$ 1.388 | \$ - | \$ 0.012 | \$ 0.120 | \$ - | \$ 1.708 | \$ 11.497 | \$ 77.497 |
| 01/09/2016 | 2 | \$ 66.000 | \$ 0.561 | \$ 0.82 | \$ 6.897 | 0.006 | \$ - | \$ 1.327 | \$ - | \$ 0.012 | \$ 0.127 | \$ - | \$ 1.734 | \$ 11.482 | \$ 77.482 |
| 01/09/2016 | 3 | \$ 66.000 | \$ 0.560 | \$ 0.82 | \$ 6.888 | (0.002) | \$ - | \$ 1.390 | \$ - | \$ 0.012 | \$ 0.129 | \$ - | \$ 1.746 | \$ 11.542 | \$ 77.542 |
| 01/09/2016 | 4 | \$ 67.420 | \$ 0.559 | \$ 0.82 | \$ 6.877 | (0.012) | \$ - | \$ 1.317 | \$ - | \$ 0.012 | \$ 0.201 | \$ - | \$ 1.691 | \$ 11.464 | \$ 78.884 |
| 01/09/2016 | 5 | \$ 67.420 | \$ 0.563 | \$ 0.82 | \$ 6.922 | (0.003) | \$ - | \$ 1.584 | \$ - | \$ 0.011 | \$ 0.158 | \$ - | \$ 1.555 | \$ 11.610 | \$ 79.030 |
| 01/09/2016 | 6 | \$ 73.020 | \$ 0.553 | \$ 0.82 | \$ 6.797 | (0.284) | \$ - | \$ 1.705 | \$ - | \$ 0.010 | \$ 0.285 | \$ - | \$ 1.451 | \$ 11.337 | \$ 84.357 |
| 01/09/2016 | 7 | \$ 73.020 | \$ 0.560 | \$ 0.82 | \$ 6.886 | (0.043) | \$ - | \$ 1.512 | \$ 0.035 | \$ 0.009 | \$ 0.163 | \$ - | \$ 1.293 | \$ 11.233 | \$ 84.253 |
| 01/09/2016 | 8 | \$ 73.020 | \$ 0.561 | \$ 0.82 | \$ 6.905 | (0.033) | \$ - | \$ 1.649 | \$ 0.183 | \$ 0.008 | \$ 0.176 | \$ - | \$ 1.114 | \$ 11.381 | \$ 84.401 |
| 01/09/2016 | 9 | \$ 73.020 | \$ 0.560 | \$ 0.82 | \$ 6.891 | (0.051) | \$ - | \$ 1.572 | \$ 0.197 | \$ 0.007 | \$ 0.166 | \$ - | \$ 1.049 | \$ 11.211 | \$ 84.231 |
| 01/09/2016 | 10 | \$ 73.020 | \$ 0.561 | \$ 0.82 | \$ 6.897 | 0.000 | \$ - | \$ 1.539 | \$ 0.193 | \$ 0.007 | \$ 0.180 | \$ - | \$ 1.014 | \$ 11.210 | \$ 84.230 |
| 01/09/2016 | 11 | \$ 73.020 | \$ 0.563 | \$ 0.82 | \$ 6.918 | (0.002) | \$ - | \$ 1.567 | \$ 0.237 | \$ 0.007 | \$ 0.139 | \$ - | \$ 1.000 | \$ 11.356 | \$ 84.376 |
| 01/09/2016 | 12 | \$ 73.020 | \$ 0.562 | \$ 0.82 | \$ 6.912 | 0.010 | \$ - | \$ 1.565 | \$ 0.256 | \$ 0.007 | \$ 0.080 | \$ - | \$ 1.031 | \$ 11.242 | \$ 84.262 |
| 01/09/2016 | 13 | \$ 73.020 | \$ 0.562 | \$ 0.82 | \$ 6.913 | (0.019) | \$ - | \$ 1.874 | \$ 0.255 | \$ 0.007 | \$ 0.086 | \$ - | \$ 1.027 | \$ 11.524 | \$ 84.544 |
| 01/09/2016 | 14 | \$ 72.290 | \$ 0.563 | \$ 0.82 | \$ 6.918 | 0.042 | \$ - | \$ 1.550 | \$ 0.258 | \$ 0.007 | \$ 0.022 | \$ - | \$ 1.028 | \$ 11.206 | \$ 83.496 |
| 01/09/2016 | 15 | \$ 72.290 | \$ 0.562 | \$ 0.82 | \$ 6.909 | 0.042 | \$ - | \$ 1.505 | \$ 0.262 | \$ 0.007 | \$ 0.074 | \$ - | \$ 1.044 | \$ 11.224 | \$ 83.514 |
| 01/09/2016 | 16 | \$ 72.290 | \$ 0.561 | \$ 0.82 | \$ 6.895 | 0.031 | \$ - | \$ 1.394 | \$ 0.250 | \$ 0.008 | \$ 0.026 | \$ - | \$ 1.111 | \$ 11.095 | \$ 83.385 |
| 01/09/2016 | 17 | \$ 72.290 | \$ 0.563 | \$ 0.82 | \$ 6.920 | 0.015 | \$ - | \$ 1.603 | \$ 0.158 | \$ 0.008 | \$ 0.061 | \$ - | \$ 1.196 | \$ 11.342 | \$ 83.632 |
| 01/09/2016 | 18 | \$ 73.020 | \$ 0.557 | \$ 0.82 | \$ 6.848 | 0.016 | \$ - | \$ 1.583 | \$ 0.109 | \$ 0.008 | \$ 0.173 | \$ - | \$ 1.094 | \$ 11.207 | \$ 84.227 |
| 01/09/2016 | 19 | \$ 76.280 | \$ 0.558 | \$ 0.82 | \$ 6.867 | 0.075 | \$ - | \$ 1.356 | \$ 0.105 | \$ 0.007 | \$ 0.007 | \$ - | \$ 1.072 | \$ 10.866 | \$ 87.146 |
| 01/09/2016 | 20 | \$ 76.280 | \$ 0.558 | \$ 0.82 | \$ 6.858 | 0.070 | \$ - | \$ 1.421 | \$ 0.051 | \$ 0.008 | \$ 0.081 | \$ - | \$ 1.151 | \$ 11.016 | \$ 87.296 |
| 01/09/2016 | 21 | \$ 76.280 | \$ 0.557 | \$ 0.82 | \$ 6.849 | (0.236) | \$ - | \$ 1.193 | \$ - | \$ 0.009 | \$ 0.030 | \$ - | \$ 1.277 | \$ 10.498 | \$ 86.778 |
| 01/09/2016 | 22 | \$ 70.230 | \$ 0.565 | \$ 0.82 | \$ 6.953 | 0.168 | \$ - | \$ 1.111 | \$ - | \$ 0.010 | \$ 0.327 | \$ - | \$ 1.457 | \$ 11.410 | \$ 81.640 |
| 01/09/2016 | 23 | \$ 67.420 | \$ 0.559 | \$ 0.82 | \$ 6.870 | (0.022) | \$ - | \$ 1.342 | \$ - | \$ 0.011 | \$ 0.055 | \$ - | \$ 1.601 | \$ 11.235 | \$ 78.655 |
| 02/09/2016 | 0 | \$ 67.420 | \$ 0.558 | \$ 0.82 | \$ 6.864 | (0.080) | \$ - | \$ 1.301 | \$ - | \$ 0.012 | \$ 0.093 | \$ - | \$ 1.695 | \$ 11.261 | \$ 78.681 |
| 02/09/2016 | 1 | \$ 67.420 | \$ 0.560 | \$ 0.82 | \$ 6.892 | (0.050) | \$ - | \$ 1.333 | \$ - | \$ 0.012 | \$ 0.100 | \$ - | \$ 1.746 | \$ 11.413 | \$ 78.833 |
| 02/09/2016 | 2 | \$ 67.420 | \$ 0.558 | \$ 0.82 | \$ 6.866 | (0.044) | \$ - | \$ 1.155 | \$ - | \$ 0.012 | \$ 0.105 | \$ - | \$ 1.763 | \$ 11.234 | \$ 78.654 |
| 02/09/2016 | 3 | \$ 12.450 | \$ 0.559 | \$ 0.82 | \$ 6.872 | 0.111 | \$ - | \$ 0.241 | \$ - | \$ 0.012 | \$ 1.478 | \$ - | \$ 1.768 | \$ 11.860 | \$ 24.310 |
| 02/09/2016 | 4 | \$ 67.420 | \$ 0.560 | \$ 0.82 | \$ 6.883 | (0.027) | \$ - | \$ 1.244 | \$ - | \$ 0.012 | \$ 0.089 | \$ - | \$ 1.713 | \$ 11.293 | \$ 78.713 |
| 02/09/2016 | 5 | \$ 70.060 | \$ 0.561 | \$ 0.82 | \$ 6.900 | (0.022) | \$ - | \$ 1.469 | \$ - | \$ 0.011 | \$ 0.173 | \$ - | \$ 1.574 | \$ 11.485 | \$ 81.545 |
| 02/09/2016 | 6 | \$ 70.060 | \$ 0.559 | \$ 0.82 | \$ 6.875 | (0.045) | \$ - | \$ 1.556 | \$ 0.013 | \$ 0.010 | \$ 0.081 | \$ - | \$ 1.470 | \$ 11.338 | \$ 81.398 |
| 02/09/2016 | 7 | \$ 72.290 | \$ 0.561 | \$ 0.82 | \$ 6.897 | (0.045) | \$ - | \$ 1.710 | \$ 0.126 | \$ 0.009 | \$ 0.076 | \$ - | \$ 1.298 | \$ 11.449 | \$ 83.739 |
| 02/09/2016 | 8 | \$ 72.290 | \$ 0.562 | \$ 0.82 | \$ 6.907 | (0.054) | \$ - | \$ 1.730 | \$ 0.192 | \$ 0.008 | \$ 0.026 | \$ - | \$ 1.145 | \$ 11.334 | \$ 83.624 |
| 02/09/2016 | 9 | \$ 72.290 | \$ 0.562 | \$ 0.82 | \$ 6.906 | (0.013) | \$ - | \$ 1.574 | \$ 0.231 | \$ 0.007 | \$ 0.026 | \$ - | \$ 1.082 | \$ 11.193 | \$ 83.483 |
| 02/09/2016 | 10 | \$ 72.290 | \$ 0.562 | \$ 0.82 | \$ 6.914 | (0.014) | \$ - | \$ 1.654 | \$ 0.239 | \$ 0.007 | \$ 0.025 | \$ - | \$ 1.046 | \$ 11.252 | \$ 83.542 |
| 02/09/2016 | 11 | \$ 72.290 | \$ 0.562 | \$ 0.82 | \$ 6.917 | (0.024) | \$ - | \$ 1.696 | \$ 0.245 | \$ 0.007 | \$ 0.024 | \$ - | \$ 1.020 | \$ 11.267 | \$ 83.557 |
| 02/09/2016 | 12 | \$ 72.290 | \$ 0.562 | \$ 0.82 | \$ 6.908 | (0.009) | \$ - | \$ 1.563 | \$ 0.255 | \$ 0.007 | \$ 0.009 | \$ - | \$ 1.052 | \$ 11.165 | \$ 83.455 |
| 02/09/2016 | 13 | \$ 72.290 | \$ 0.562 | \$ 0.82 | \$ 6.907 | (0.011) | \$ - | \$ 1.605 | \$ 0.246 | \$ 0.007 | \$ 0.013 | \$ - | \$ 1.026 | \$ 11.173 | \$ 83.463 |
| 02/09/2016 | 14 | \$ 72.290 | \$ 0.562 | \$ 0.82 | \$ 6.916 | (0.014) | \$ - | \$ 1.718 | \$ 0.244 | \$ 0.007 | \$ 0.060 | \$ - | \$ 1.026 | \$ 11.338 | \$ 83.628 |
| 02/09/2016 | 15 | \$ 70.230 | \$ 0.563 | \$ 0.82 | \$ 6.926 | 0.013 | \$ - | \$ 1.491 | \$ 0.257 | \$ 0.007 | \$ 0.081 | \$ - | \$ 1.066 | \$ 11.224 | \$ 81.454 |
| 02/09/2016 | 16 | \$ 70.060 | \$ 0.561 | \$ 0.82 | \$ 6.898 | (0.012) | \$ - | \$ 1.535 | \$ 0.249 | \$ 0.008 | \$ 0.066 | \$ - | \$ 1.151 | \$ 11.274 | \$ 81.334 |
| 02/09/2016 | 17 | \$ 70.060 | \$ 0.563 | \$ 0.82 | \$ 6.926 | 0.020 | \$ - | \$ 1.489 | \$ 0.253 | \$ 0.008 | \$ 0.066 | \$ - | \$ 1.216 | \$ 11.360 | \$ 81.420 |
| 02/09/2016 | 18 | \$ 73.020 | \$ 0.560 | \$ 0.82 | \$ 6.885 | (0.016) | \$ - | \$ 1.566 | \$ 0.229 | \$ 0.008 | \$ 0.184 | \$ - | \$ 1.116 | \$ 11.351 | \$ 84.371 |
| 02/09/2016 | 19 | \$ 72.290 | \$ 0.560 | \$ 0.82 | \$ 6.887 | 0.011 | \$ - | \$ 1.430 | \$ 0.214 | \$ 0.007 | \$ 0.075 | \$ - | \$ 1.103 | \$ 11.106 | \$ 83.396 |
| 02/09/2016 | 20 | \$ 72.290 | \$ 0.560 | \$ 0.82 | \$ 6.882 | 0.000 | \$ - | \$ 1.381 | \$ 0.157 | \$ 0.008 | \$ 0.043 | \$ - | \$ 1.175 | \$ 11.024 | \$ 83.314 |
| 02/09/2016 | 21 | \$ 72.290 | \$ 0.558 | \$ 0.82 | \$ 6.857 | (0.000) | \$ - | \$ 1.286 | \$ 0.102 | \$ 0.009 | \$ 0.054 | \$ - | \$ 1.285 | \$ 10.969 | \$ 83.259 |
| 02/09/2016 | 22 | \$ 70.060 | \$ 0.564 | \$ 0.82 | \$ 6.938 | 0.047 | \$ - | \$ 1.314 | \$ 0.075 | \$ 0.010 | \$ 0.178 | \$ - | \$ 1.476 | \$ 11.422 | \$ 81.482 |
| 02/09/2016 | 23 | \$ 70.060 | \$ 0.558 | \$ 0.82 | \$ 6.864 | (0.036) | \$ - | \$ 1.556 | \$ 0.076 | \$ 0.011 | \$ 0.084 | \$ - | \$ 1.643 | \$ 11.575 | \$ 81.635 |
| 03/09/2016 | 0 | \$ 70.060 | \$ 0.562 | \$ 0.82 | \$ 6.916 | (0.025) | \$ - | \$ 1.575 | \$ - | \$ 0.012 | \$ 0.177 | \$ - | \$ 1.756 | \$ 11.793 | \$ 81.853 |
| 03/09/2016 | 1 | \$ 67.420 | \$ 0.557 | \$ 0.82 | \$ 6.855 | (0.073) | \$ - | \$ 1.383 | \$ - | \$ 0.012 | \$ 0.388 | \$ - | \$ 1.808 | \$ 11.749 | \$ 79.169 |
| 03/09/2016 | 2 | \$ 12.430 | \$ 0.561 | \$ 0.82 | \$ 6.903 | (0.119) | \$ - | \$ 0.231 | \$ - | \$ 0.013 | \$ 4.224 | \$ - | \$ 1.830 | \$ 14.462 | \$ 26.892 |
| 03/09/2016 | 3 | \$ 12.430 | \$ 0.563 | \$ 0.82 | \$ 6.918 | (0.189) | \$ - | \$ 0.242 | \$ - | \$ 0.013 | \$ 4.119 | \$ - | \$ 1.841 | \$ 14.325 | \$ 26.755 |
| 03/09/2016 | 4 | \$ 12.430 | \$ 0.559 | \$ 0.82 | \$ 6.879 | 0.130 | \$ - | \$ 0.249 | \$ - | \$ 0.012 | \$ 4.523 | \$ - | \$ 1.803 | \$ 14.975 | \$ 27.405 |
| 03/09/2016 | 5 | \$ 67.420 | \$ 0.565 | \$ 0.82 | \$ 6.953 | 0.054 | \$ - | \$ 1.413 | \$ - | \$ 0.012 | \$ 0.386 | \$ - | \$ 1.739 | \$ 11.940 | \$ 79.360 |
| 03/09/2016 | 6 | \$ 70.060 | \$ 0.556 | \$ 0.82 | \$ 6.832 | (0.146) | \$ - | \$ 1.464 | \$ - | \$ 0.011 | \$ 0.113 | \$ - | \$ 1.654 | \$ 11.302 | \$ 81.362 |
| 03/09/2016 | 7 | \$ 70.060 | \$ 0.558 | \$ 0.82 | \$ 6.858 | (0.069) | \$ - | \$ 1.296 | \$ 0.001 | \$ 0.010 | \$ 0.021 | \$ - | \$ 1.485 | \$ 10.979 | \$ 81.039 |
| 03/09/2016 | 8 | \$ 70.230 | \$ 0.561 | \$ 0.82 | \$ 6.900 | (0.026) | \$ - | \$ 1.436 | \$ 0.108 | \$ 0.009 | \$ 0.101 | \$ - | \$ 1.338 | \$ 11.246 | \$ 81.476 |
| 03/09/2016 | 9 | \$ 70.230 | \$ 0.560 | \$ 0.82 | \$ 6.890 | (0.059) | \$ - | \$ 1.472 | \$ 0.150 | \$ 0.009 | \$ 0.149 | \$ - | \$ 1.265 | \$ 11.254 | \$ 81.484 |
| 03/09/2016 | 10 | \$ 70.230 | \$ 0.560 | \$ 0.82 | \$ 6.884 | (0.065) | \$ - | \$ 1.476 | \$ 0.198 | \$ 0.008 | \$ 0.151 | \$ - | \$ 1.224 | \$ 11.254 | \$ 81.484 |

Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | Monto Remanente | FLEMG | PTRANSMS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|---------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|-----------|
| 03/09/2016 | 11 | \$ 70.060 | \$ 0.559 | \$ 0.82 | \$ 6.872 | \$(0.107) | \$ - | \$ 1.571 | \$ 0.232 | \$ 0.008 | \$ 0.117 | \$ - | \$ 1.213 | \$ 11.284 | \$ 81.344 |
| 03/09/2016 | 12 | \$ 70.060 | \$ 0.560 | \$ 0.82 | \$ 6.892 | \$(0.079) | \$ - | \$ 1.492 | \$ 0.234 | \$ 0.009 | \$ 0.132 | \$ - | \$ 1.259 | \$ 11.318 | \$ 81.378 |
| 03/09/2016 | 13 | \$ 70.060 | \$ 0.561 | \$ 0.82 | \$ 6.898 | \$(0.041) | \$ - | \$ 1.452 | \$ 0.237 | \$ 0.009 | \$ 0.241 | \$ - | \$ 1.282 | \$ 11.458 | \$ 81.518 |
| 03/09/2016 | 14 | \$ 66.120 | \$ 0.562 | \$ 0.82 | \$ 6.912 | \$(0.031) | \$ - | \$ 1.503 | \$ 0.256 | \$ 0.009 | \$ - | \$ - | \$ 1.282 | \$ 11.323 | \$ 77.443 |
| 03/09/2016 | 15 | \$ 66.120 | \$ 0.563 | \$ 0.82 | \$ 6.924 | \$(0.031) | \$ - | \$ 1.532 | \$ 0.246 | \$ 0.009 | \$ - | \$ - | \$ 1.314 | \$ 11.380 | \$ 77.500 |
| 03/09/2016 | 16 | \$ 66.120 | \$ 0.561 | \$ 0.82 | \$ 6.902 | 0.001 | \$ - | \$ 1.362 | \$ 0.194 | \$ 0.009 | \$ - | \$ - | \$ 1.369 | \$ 11.216 | \$ 77.336 |
| 03/09/2016 | 17 | \$ 66.120 | \$ 0.561 | \$ 0.82 | \$ 6.900 | \$(0.025) | \$ - | \$ 1.441 | \$ 0.161 | \$ 0.010 | \$ 0.172 | \$ - | \$ 1.386 | \$ 11.424 | \$ 77.544 |
| 03/09/2016 | 18 | \$ 70.230 | \$ 0.558 | \$ 0.82 | \$ 6.856 | 0.099 | \$ - | \$ 1.687 | \$ 0.151 | \$ 0.008 | \$ 0.207 | \$ - | \$ 1.191 | \$ 11.574 | \$ 81.804 |
| 03/09/2016 | 19 | \$ 70.230 | \$ 0.562 | \$ 0.82 | \$ 6.911 | 0.014 | \$ - | \$ 1.392 | \$ 0.154 | \$ 0.008 | \$ 0.091 | \$ - | \$ 1.152 | \$ 11.103 | \$ 81.333 |
| 03/09/2016 | 20 | \$ 70.060 | \$ 0.561 | \$ 0.82 | \$ 6.905 | 0.020 | \$ - | \$ 1.318 | \$ 0.124 | \$ 0.008 | \$ 0.096 | \$ - | \$ 1.218 | \$ 11.070 | \$ 81.130 |
| 03/09/2016 | 21 | \$ 70.060 | \$ 0.554 | \$ 0.82 | \$ 6.819 | \$(0.013) | \$ - | \$ 1.150 | \$ 0.105 | \$ 0.009 | \$ 0.077 | \$ - | \$ 1.343 | \$ 10.863 | \$ 80.923 |
| 03/09/2016 | 22 | \$ 67.420 | \$ 0.565 | \$ 0.82 | \$ 6.948 | 0.072 | \$ - | \$ 1.207 | \$ 0.089 | \$ 0.010 | \$ 0.123 | \$ - | \$ 1.518 | \$ 11.352 | \$ 78.772 |
| 03/09/2016 | 23 | \$ 66.120 | \$ 0.562 | \$ 0.82 | \$ 6.915 | \$(0.089) | \$ - | \$ 1.644 | \$ 0.083 | \$ 0.011 | \$ 0.482 | \$ - | \$ 1.656 | \$ 12.082 | \$ 78.202 |
| 04/09/2016 | 0 | \$ 66.100 | \$ 0.559 | \$ 0.82 | \$ 6.869 | \$(0.102) | \$ - | \$ 1.298 | \$ 0.079 | \$ 0.012 | \$ 0.148 | \$ - | \$ 1.761 | \$ 11.443 | \$ 77.543 |
| 04/09/2016 | 1 | \$ 66.100 | \$ 0.557 | \$ 0.82 | \$ 6.856 | \$(0.079) | \$ - | \$ 1.122 | \$ 0.080 | \$ 0.012 | \$ 0.099 | \$ - | \$ 1.834 | \$ 11.300 | \$ 77.400 |
| 04/09/2016 | 2 | \$ 66.100 | \$ 0.556 | \$ 0.82 | \$ 6.840 | \$(0.156) | \$ - | \$ 1.158 | \$ 0.082 | \$ 0.012 | \$ 0.155 | \$ - | \$ 1.870 | \$ 11.337 | \$ 77.437 |
| 04/09/2016 | 3 | \$ 66.100 | \$ 0.558 | \$ 0.82 | \$ 6.866 | \$(0.039) | \$ - | \$ 1.098 | \$ 0.055 | \$ 0.013 | \$ 0.194 | \$ - | \$ 1.885 | \$ 11.449 | \$ 77.549 |
| 04/09/2016 | 4 | \$ 66.100 | \$ 0.556 | \$ 0.82 | \$ 6.841 | 0.001 | \$ - | \$ 0.980 | \$ - | \$ 0.012 | \$ 0.208 | \$ - | \$ 1.865 | \$ 11.282 | \$ 77.382 |
| 04/09/2016 | 5 | \$ 66.100 | \$ 0.559 | \$ 0.82 | \$ 6.869 | \$(0.037) | \$ - | \$ 1.210 | \$ - | \$ 0.012 | \$ 0.147 | \$ - | \$ 1.815 | \$ 11.393 | \$ 77.493 |
| 04/09/2016 | 6 | \$ 66.100 | \$ 0.558 | \$ 0.82 | \$ 6.863 | \$(0.033) | \$ - | \$ 1.169 | \$ - | \$ 0.012 | \$ 0.264 | \$ - | \$ 1.794 | \$ 11.447 | \$ 77.547 |
| 04/09/2016 | 7 | \$ 66.100 | \$ 0.557 | \$ 0.82 | \$ 6.846 | \$(0.051) | \$ - | \$ 1.068 | \$ - | \$ 0.011 | \$ 0.250 | \$ - | \$ 1.666 | \$ 11.166 | \$ 77.266 |
| 04/09/2016 | 8 | \$ 66.100 | \$ 0.558 | \$ 0.82 | \$ 6.860 | \$(0.113) | \$ - | \$ 1.507 | \$ 0.033 | \$ 0.011 | \$ 0.235 | \$ - | \$ 1.561 | \$ 11.041 | \$ 77.141 |
| 04/09/2016 | 9 | \$ 66.100 | \$ 0.560 | \$ 0.82 | \$ 6.892 | \$(0.120) | \$ - | \$ 1.254 | \$ 0.097 | \$ 0.010 | \$ 0.110 | \$ - | \$ 1.505 | \$ 11.129 | \$ 77.229 |
| 04/09/2016 | 10 | \$ 66.100 | \$ 0.561 | \$ 0.82 | \$ 6.894 | \$(0.091) | \$ - | \$ 1.262 | \$ 0.149 | \$ 0.010 | \$ 0.020 | \$ - | \$ 1.470 | \$ 11.092 | \$ 77.192 |
| 04/09/2016 | 11 | \$ 66.100 | \$ 0.561 | \$ 0.82 | \$ 6.896 | \$(0.081) | \$ - | \$ 1.169 | \$ 0.184 | \$ 0.010 | \$ 0.018 | \$ - | \$ 1.445 | \$ 11.020 | \$ 77.120 |
| 04/09/2016 | 12 | \$ 66.100 | \$ 0.562 | \$ 0.82 | \$ 6.914 | \$(0.070) | \$ - | \$ 1.273 | \$ 0.209 | \$ 0.010 | \$ 0.016 | \$ - | \$ 1.442 | \$ 11.174 | \$ 77.274 |
| 04/09/2016 | 13 | \$ 66.100 | \$ 0.561 | \$ 0.82 | \$ 6.903 | \$(0.072) | \$ - | \$ 1.193 | \$ 0.199 | \$ 0.010 | \$ 0.011 | \$ - | \$ 1.448 | \$ 11.072 | \$ 77.172 |
| 04/09/2016 | 14 | \$ 66.100 | \$ 0.558 | \$ 0.82 | \$ 6.861 | \$(0.064) | \$ - | \$ 0.917 | \$ 0.142 | \$ 0.010 | \$ - | \$ - | \$ 1.448 | \$ 10.691 | \$ 76.791 |
| 04/09/2016 | 15 | \$ 66.100 | \$ 0.558 | \$ 0.82 | \$ 6.861 | \$(0.077) | \$ - | \$ 1.034 | \$ 0.119 | \$ 0.010 | \$ - | \$ - | \$ 1.456 | \$ 10.781 | \$ 76.881 |
| 04/09/2016 | 16 | \$ 66.100 | \$ 0.558 | \$ 0.82 | \$ 6.856 | \$(0.038) | \$ - | \$ 0.927 | \$ 0.095 | \$ 0.010 | \$ - | \$ - | \$ 1.475 | \$ 10.701 | \$ 76.801 |
| 04/09/2016 | 17 | \$ 67.420 | \$ 0.562 | \$ 0.82 | \$ 6.909 | 0.064 | \$ - | \$ 1.136 | \$ 0.101 | \$ 0.010 | \$ - | \$ - | \$ 1.453 | \$ 11.052 | \$ 78.472 |
| 04/09/2016 | 18 | \$ 70.060 | \$ 0.556 | \$ 0.82 | \$ 6.836 | \$(0.126) | \$ - | \$ 1.481 | \$ 0.096 | \$ 0.008 | \$ - | \$ - | \$ 1.249 | \$ 10.918 | \$ 80.978 |
| 04/09/2016 | 19 | \$ 70.060 | \$ 0.561 | \$ 0.82 | \$ 6.896 | 0.025 | \$ - | \$ 1.335 | \$ 0.095 | \$ 0.008 | \$ 0.010 | \$ - | \$ 1.206 | \$ 10.955 | \$ 81.015 |
| 04/09/2016 | 20 | \$ 67.420 | \$ 0.560 | \$ 0.82 | \$ 6.890 | 0.005 | \$ - | \$ 1.322 | \$ 0.101 | \$ 0.009 | \$ 0.002 | \$ - | \$ 1.330 | \$ 11.038 | \$ 78.458 |
| 04/09/2016 | 21 | \$ 66.100 | \$ 0.558 | \$ 0.82 | \$ 6.862 | \$(0.013) | \$ - | \$ 1.067 | \$ 0.084 | \$ 0.010 | \$ - | \$ - | \$ 1.502 | \$ 10.888 | \$ 76.988 |
| 04/09/2016 | 22 | \$ 67.420 | \$ 0.558 | \$ 0.82 | \$ 6.857 | \$(0.037) | \$ - | \$ 1.162 | \$ 0.016 | \$ 0.011 | \$ 0.004 | \$ - | \$ 1.699 | \$ 11.089 | \$ 78.509 |
| 04/09/2016 | 23 | \$ 67.420 | \$ 0.558 | \$ 0.82 | \$ 6.861 | 0.061 | \$ - | \$ 0.831 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.842 | \$ 10.984 | \$ 78.404 |
| 05/09/2016 | 0 | \$ 68.840 | \$ 0.557 | \$ 0.82 | \$ 6.844 | \$(0.088) | \$ - | \$ 1.279 | \$ - | \$ 0.013 | \$ 0.064 | \$ - | \$ 1.935 | \$ 11.423 | \$ 80.263 |
| 05/09/2016 | 1 | \$ 68.840 | \$ 0.558 | \$ 0.82 | \$ 6.856 | \$(0.094) | \$ - | \$ 1.302 | \$ - | \$ 0.014 | \$ 0.302 | \$ - | \$ 1.995 | \$ 11.751 | \$ 80.591 |
| 05/09/2016 | 2 | \$ 68.840 | \$ 0.559 | \$ 0.82 | \$ 6.878 | \$(0.003) | \$ - | \$ 1.192 | \$ - | \$ 0.014 | \$ 0.460 | \$ - | \$ 2.022 | \$ 11.940 | \$ 80.780 |
| 05/09/2016 | 3 | \$ 68.730 | \$ 0.558 | \$ 0.82 | \$ 6.857 | \$(0.046) | \$ - | \$ 1.513 | \$ - | \$ 0.014 | \$ 0.217 | \$ - | \$ 2.022 | \$ 11.954 | \$ 80.684 |
| 05/09/2016 | 4 | \$ 68.840 | \$ 0.559 | \$ 0.82 | \$ 6.868 | \$(0.028) | \$ - | \$ 1.279 | \$ - | \$ 0.013 | \$ 0.133 | \$ - | \$ 1.927 | \$ 11.570 | \$ 80.410 |
| 05/09/2016 | 5 | \$ 68.840 | \$ 0.558 | \$ 0.82 | \$ 6.857 | \$(0.135) | \$ - | \$ 1.560 | \$ - | \$ 0.012 | \$ 0.173 | \$ - | \$ 1.739 | \$ 11.582 | \$ 80.422 |
| 05/09/2016 | 6 | \$ 68.840 | \$ 0.561 | \$ 0.82 | \$ 6.896 | \$(0.063) | \$ - | \$ 1.725 | \$ - | \$ 0.011 | \$ 0.572 | \$ - | \$ 1.601 | \$ 12.121 | \$ 80.961 |
| 05/09/2016 | 7 | \$ 71.000 | \$ 0.562 | \$ 0.82 | \$ 6.906 | \$(0.095) | \$ - | \$ 1.841 | \$ 0.054 | \$ 0.010 | \$ 0.595 | \$ - | \$ 1.404 | \$ 12.094 | \$ 83.094 |
| 05/09/2016 | 8 | \$ 76.410 | \$ 0.562 | \$ 0.82 | \$ 6.915 | \$(0.061) | \$ - | \$ 1.781 | \$ 0.199 | \$ 0.008 | \$ - | \$ - | \$ 1.191 | \$ 11.414 | \$ 87.824 |
| 05/09/2016 | 9 | \$ 76.410 | \$ 0.561 | \$ 0.82 | \$ 6.895 | \$(0.058) | \$ - | \$ 1.630 | \$ 0.239 | \$ 0.008 | \$ 0.029 | \$ - | \$ 1.101 | \$ 11.223 | \$ 87.633 |
| 05/09/2016 | 10 | \$ 76.410 | \$ 0.586 | \$ 0.82 | \$ 7.203 | 0.275 | \$ - | \$ 1.519 | \$ 0.230 | \$ 0.007 | \$ 0.002 | \$ - | \$ 1.052 | \$ 11.693 | \$ 88.103 |
| 05/09/2016 | 11 | \$ 76.410 | \$ 0.582 | \$ 0.82 | \$ 7.152 | 2.064 | \$ - | \$ 1.877 | \$ 0.238 | \$ 0.007 | \$ 0.021 | \$ - | \$ 1.023 | \$ 13.783 | \$ 90.193 |
| 05/09/2016 | 12 | \$ 76.410 | \$ 0.563 | \$ 0.82 | \$ 6.927 | 1.461 | \$ - | \$ 1.634 | \$ 0.244 | \$ 0.007 | \$ 0.025 | \$ - | \$ 1.033 | \$ 12.713 | \$ 89.123 |
| 05/09/2016 | 13 | \$ 77.010 | \$ 0.601 | \$ 0.82 | \$ 7.395 | 0.544 | \$ - | \$ 1.871 | \$ 0.231 | \$ 0.007 | \$ 0.053 | \$ - | \$ 1.006 | \$ 12.526 | \$ 89.536 |
| 05/09/2016 | 14 | \$ 77.010 | \$ 0.605 | \$ 0.82 | \$ 7.434 | 0.747 | \$ - | \$ 1.488 | \$ 0.219 | \$ 0.007 | \$ 0.041 | \$ - | \$ 0.971 | \$ 12.331 | \$ 89.341 |
| 05/09/2016 | 15 | \$ 77.010 | \$ 0.606 | \$ 0.82 | \$ 7.448 | 0.605 | \$ - | \$ 1.529 | \$ 0.216 | \$ 0.007 | \$ 0.062 | \$ - | \$ 0.996 | \$ 12.287 | \$ 89.297 |
| 05/09/2016 | 16 | \$ 77.010 | \$ 0.609 | \$ 0.82 | \$ 7.487 | 0.675 | \$ - | \$ 1.506 | \$ 0.220 | \$ 0.007 | \$ 0.042 | \$ - | \$ 1.069 | \$ 12.436 | \$ 89.446 |
| 05/09/2016 | 17 | \$ 76.410 | \$ 0.562 | \$ 0.82 | \$ 6.917 | 0.037 | \$ - | \$ 1.642 | \$ 0.208 | \$ 0.008 | \$ 0.025 | \$ - | \$ 1.161 | \$ 11.380 | \$ 87.790 |
| 05/09/2016 | 18 | \$ 77.010 | \$ 0.557 | \$ 0.82 | \$ 6.851 | \$(0.037) | \$ - | \$ 1.505 | \$ 0.184 | \$ 0.008 | \$ 0.090 | \$ - | \$ 1.131 | \$ 11.107 | \$ 88.117 |
| 05/09/2016 | 19 | \$ 77.010 | \$ 0.561 | \$ 0.82 | \$ 6.902 | 0.039 | \$ - | \$ 1.542 | \$ 0.146 | \$ 0.008 | \$ 0.021 | \$ - | \$ 1.157 | \$ 11.195 | \$ 88.205 |
| 05/09/2016 | 20 | \$ 76.410 | \$ 0.559 | \$ 0.82 | \$ 6.871 | \$(0.024) | \$ - | \$ 1.494 | \$ 0.090 | \$ 0.008 | \$ 0.032 | \$ - | \$ 1.242 | \$ 11.089 | \$ 87.499 |
| 05/09/2016 | 21 | \$ 76.410 | \$ 0.556 | \$ 0.82 | \$ 6.834 | \$(0.010) | \$ - | \$ 1.098 | \$ 0.074 | \$ 0.009 | \$ 0.071 | \$ - | \$ 1.378 | \$ 10.829 | \$ 87.239 |

Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | Monto Remanente | FLEMG | PTRANSMS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|---------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|-----------|
| 05/09/2016 | 22 | \$ 68.730 | \$ 0.563 | \$ 0.82 | \$ 6.923 | \$ 0.063 | \$ - | \$ 1.193 | \$ 0.023 | \$ 0.011 | \$ 1.388 | \$ - | \$ 1.567 | \$ 12.549 | \$ 81.279 |
| 05/09/2016 | 23 | \$ 66.070 | \$ 0.561 | \$ 0.82 | \$ 6.903 | \$ 0.021 | \$ - | \$ 1.217 | \$ - | \$ 0.012 | \$ 1.312 | \$ - | \$ 1.706 | \$ 12.551 | \$ 78.621 |
| 06/09/2016 | 0 | \$ 71.000 | \$ 0.559 | \$ 0.82 | \$ 6.875 | \$ (0.049) | \$ - | \$ 1.359 | \$ - | \$ 0.012 | \$ 0.118 | \$ - | \$ 1.791 | \$ 11.485 | \$ 82.485 |
| 06/09/2016 | 1 | \$ 71.000 | \$ 0.562 | \$ 0.82 | \$ 6.917 | \$ 0.132 | \$ - | \$ 1.397 | \$ - | \$ 0.013 | \$ 0.148 | \$ - | \$ 1.830 | \$ 11.818 | \$ 82.818 |
| 06/09/2016 | 2 | \$ 71.000 | \$ 0.563 | \$ 0.82 | \$ 6.929 | \$ 0.191 | \$ - | \$ 1.375 | \$ - | \$ 0.013 | \$ 0.136 | \$ - | \$ 1.869 | \$ 11.894 | \$ 82.894 |
| 06/09/2016 | 3 | \$ 71.000 | \$ 0.564 | \$ 0.82 | \$ 6.932 | \$ 0.155 | \$ - | \$ 1.486 | \$ - | \$ 0.013 | \$ 0.096 | \$ - | \$ 1.881 | \$ 11.945 | \$ 82.945 |
| 06/09/2016 | 4 | \$ 71.000 | \$ 0.562 | \$ 0.82 | \$ 6.912 | \$ 0.049 | \$ - | \$ 1.508 | \$ - | \$ 0.012 | \$ 0.089 | \$ - | \$ 1.803 | \$ 11.755 | \$ 82.755 |
| 06/09/2016 | 5 | \$ 71.000 | \$ 0.559 | \$ 0.82 | \$ 6.878 | \$ (0.043) | \$ - | \$ 1.387 | \$ - | \$ 0.011 | \$ 0.120 | \$ - | \$ 1.652 | \$ 11.384 | \$ 82.384 |
| 06/09/2016 | 6 | \$ 71.650 | \$ 0.560 | \$ 0.82 | \$ 6.881 | \$ (0.058) | \$ - | \$ 1.580 | \$ 0.009 | \$ 0.011 | \$ 0.090 | \$ - | \$ 1.530 | \$ 11.421 | \$ 83.071 |
| 06/09/2016 | 7 | \$ 71.650 | \$ 0.563 | \$ 0.82 | \$ 6.927 | \$ 0.032 | \$ - | \$ 1.663 | \$ 0.136 | \$ 0.009 | \$ 0.095 | \$ - | \$ 1.351 | \$ 11.596 | \$ 83.246 |
| 06/09/2016 | 8 | \$ 76.420 | \$ 0.559 | \$ 0.82 | \$ 6.879 | \$ (0.077) | \$ - | \$ 1.666 | \$ 0.205 | \$ 0.008 | \$ 0.019 | \$ - | \$ 1.161 | \$ 11.058 | \$ 87.658 |
| 06/09/2016 | 9 | \$ 76.420 | \$ 0.559 | \$ 0.82 | \$ 6.875 | \$ (0.070) | \$ - | \$ 1.537 | \$ 0.210 | \$ 0.007 | \$ 0.031 | \$ - | \$ 1.085 | \$ 11.234 | \$ 87.474 |
| 06/09/2016 | 10 | \$ 71.650 | \$ 0.563 | \$ 0.82 | \$ 6.919 | \$ (0.040) | \$ - | \$ 1.674 | \$ 0.276 | \$ 0.007 | \$ 0.049 | \$ - | \$ 1.035 | \$ 11.300 | \$ 82.950 |
| 06/09/2016 | 11 | \$ 71.000 | \$ 0.562 | \$ 0.82 | \$ 6.911 | \$ (0.036) | \$ - | \$ 1.636 | \$ 0.287 | \$ 0.007 | \$ 0.041 | \$ - | \$ 1.006 | \$ 11.232 | \$ 82.232 |
| 06/09/2016 | 12 | \$ 71.650 | \$ 0.561 | \$ 0.82 | \$ 6.896 | \$ (0.028) | \$ - | \$ 1.362 | \$ 0.296 | \$ 0.007 | \$ 0.081 | \$ - | \$ 1.035 | \$ 11.030 | \$ 82.680 |
| 06/09/2016 | 13 | \$ 77.010 | \$ 0.559 | \$ 0.82 | \$ 6.875 | \$ (0.062) | \$ - | \$ 1.526 | \$ 0.296 | \$ 0.007 | \$ 0.090 | \$ - | \$ 1.013 | \$ 11.123 | \$ 88.133 |
| 06/09/2016 | 14 | \$ 77.010 | \$ 0.559 | \$ 0.82 | \$ 6.877 | \$ (0.004) | \$ - | \$ 1.448 | \$ 0.296 | \$ 0.007 | \$ 0.026 | \$ - | \$ 0.995 | \$ 11.022 | \$ 88.032 |
| 06/09/2016 | 15 | \$ 76.420 | \$ 0.560 | \$ 0.82 | \$ 6.885 | \$ 0.002 | \$ - | \$ 1.404 | \$ 0.282 | \$ 0.007 | \$ 0.058 | \$ - | \$ 1.029 | \$ 11.046 | \$ 87.466 |
| 06/09/2016 | 16 | \$ 71.650 | \$ 0.560 | \$ 0.82 | \$ 6.888 | \$ (0.037) | \$ - | \$ 1.400 | \$ 0.203 | \$ 0.008 | \$ 0.156 | \$ - | \$ 1.104 | \$ 11.101 | \$ 82.751 |
| 06/09/2016 | 17 | \$ 71.650 | \$ 0.560 | \$ 0.82 | \$ 6.882 | \$ 0.038 | \$ - | \$ 1.270 | \$ 0.142 | \$ 0.008 | \$ 0.226 | \$ - | \$ 1.165 | \$ 11.110 | \$ 82.760 |
| 06/09/2016 | 18 | \$ 77.010 | \$ 0.558 | \$ 0.82 | \$ 6.864 | \$ (0.102) | \$ - | \$ 1.471 | \$ 0.057 | \$ 0.007 | \$ 0.086 | \$ - | \$ 1.094 | \$ 10.854 | \$ 87.864 |
| 06/09/2016 | 19 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.882 | \$ 0.039 | \$ - | \$ 1.252 | \$ 0.026 | \$ 0.007 | \$ 0.103 | \$ - | \$ 1.096 | \$ 10.784 | \$ 87.794 |
| 06/09/2016 | 20 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.884 | \$ 0.031 | \$ - | \$ 1.288 | \$ 0.027 | \$ 0.008 | \$ 0.046 | \$ - | \$ 1.181 | \$ 10.844 | \$ 87.854 |
| 06/09/2016 | 21 | \$ 77.010 | \$ 0.557 | \$ 0.82 | \$ 6.849 | \$ (0.004) | \$ - | \$ 1.118 | \$ 0.029 | \$ 0.009 | \$ 0.045 | \$ - | \$ 1.325 | \$ 10.747 | \$ 87.757 |
| 06/09/2016 | 22 | \$ 71.000 | \$ 0.563 | \$ 0.82 | \$ 6.923 | \$ 0.160 | \$ - | \$ 1.303 | \$ 0.033 | \$ 0.010 | \$ 0.122 | \$ - | \$ 1.520 | \$ 11.455 | \$ 82.455 |
| 06/09/2016 | 23 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.872 | \$ (0.124) | \$ - | \$ 1.391 | \$ 0.033 | \$ 0.011 | \$ 0.179 | \$ - | \$ 1.650 | \$ 11.392 | \$ 80.122 |
| 07/09/2016 | 0 | \$ 38.370 | \$ 0.563 | \$ 0.82 | \$ 6.918 | \$ (0.028) | \$ - | \$ 0.791 | \$ 0.037 | \$ 0.012 | \$ 0.299 | \$ - | \$ 1.737 | \$ 11.147 | \$ 49.517 |
| 07/09/2016 | 1 | \$ 38.370 | \$ 0.562 | \$ 0.82 | \$ 6.907 | \$ 0.012 | \$ - | \$ 0.833 | \$ 0.037 | \$ 0.012 | \$ - | \$ - | \$ 1.781 | \$ 10.969 | \$ 49.339 |
| 07/09/2016 | 2 | \$ 38.370 | \$ 0.562 | \$ 0.82 | \$ 6.911 | \$ (0.006) | \$ - | \$ 0.806 | \$ 0.034 | \$ 0.012 | \$ - | \$ - | \$ 1.811 | \$ 10.950 | \$ 49.320 |
| 07/09/2016 | 3 | \$ 38.370 | \$ 0.560 | \$ 0.82 | \$ 6.889 | \$ 0.065 | \$ - | \$ 0.882 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.816 | \$ 11.044 | \$ 49.414 |
| 07/09/2016 | 4 | \$ 38.370 | \$ 0.560 | \$ 0.82 | \$ 6.892 | \$ 0.062 | \$ - | \$ 0.828 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.740 | \$ 10.913 | \$ 49.283 |
| 07/09/2016 | 5 | \$ 38.370 | \$ 0.562 | \$ 0.82 | \$ 6.907 | \$ 0.043 | \$ - | \$ 0.913 | \$ 0.026 | \$ 0.011 | \$ - | \$ - | \$ 1.588 | \$ 10.868 | \$ 49.238 |
| 07/09/2016 | 6 | \$ 38.370 | \$ 0.563 | \$ 0.82 | \$ 6.918 | \$ 0.059 | \$ - | \$ 0.967 | \$ 0.099 | \$ 0.010 | \$ - | \$ - | \$ 1.477 | \$ 10.912 | \$ 49.282 |
| 07/09/2016 | 7 | \$ 68.730 | \$ 0.563 | \$ 0.82 | \$ 6.923 | \$ (0.008) | \$ - | \$ 1.760 | \$ 0.195 | \$ 0.009 | \$ 0.031 | \$ - | \$ 1.305 | \$ 11.596 | \$ 80.326 |
| 07/09/2016 | 8 | \$ 68.840 | \$ 0.563 | \$ 0.82 | \$ 6.924 | \$ (0.023) | \$ - | \$ 1.827 | \$ 0.259 | \$ 0.008 | \$ 0.215 | \$ - | \$ 1.141 | \$ 11.733 | \$ 80.573 |
| 07/09/2016 | 9 | \$ 68.840 | \$ 0.564 | \$ 0.82 | \$ 6.940 | \$ (0.018) | \$ - | \$ 1.924 | \$ 0.290 | \$ 0.007 | \$ 0.149 | \$ - | \$ 1.066 | \$ 11.742 | \$ 80.582 |
| 07/09/2016 | 10 | \$ 68.840 | \$ 0.561 | \$ 0.82 | \$ 6.904 | \$ 0.050 | \$ - | \$ 1.533 | \$ 0.295 | \$ 0.007 | \$ 0.137 | \$ - | \$ 1.028 | \$ 11.335 | \$ 80.175 |
| 07/09/2016 | 11 | \$ 71.000 | \$ 0.562 | \$ 0.82 | \$ 6.916 | \$ (0.041) | \$ - | \$ 1.882 | \$ 0.305 | \$ 0.007 | \$ 0.006 | \$ - | \$ 1.007 | \$ 11.463 | \$ 82.463 |
| 07/09/2016 | 12 | \$ 71.000 | \$ 0.563 | \$ 0.82 | \$ 6.927 | \$ (0.055) | \$ - | \$ 1.750 | \$ 0.311 | \$ 0.007 | \$ 0.002 | \$ - | \$ 1.025 | \$ 11.347 | \$ 82.347 |
| 07/09/2016 | 13 | \$ 71.000 | \$ 0.563 | \$ 0.82 | \$ 6.921 | \$ (0.039) | \$ - | \$ 1.827 | \$ 0.299 | \$ 0.007 | \$ 0.047 | \$ - | \$ 0.995 | \$ 11.439 | \$ 82.439 |
| 07/09/2016 | 14 | \$ 71.650 | \$ 0.562 | \$ 0.82 | \$ 6.912 | \$ (0.004) | \$ - | \$ 1.740 | \$ 0.287 | \$ 0.007 | \$ 0.090 | \$ - | \$ 0.963 | \$ 11.375 | \$ 83.025 |
| 07/09/2016 | 15 | \$ 71.650 | \$ 0.562 | \$ 0.82 | \$ 6.907 | \$ 0.053 | \$ - | \$ 1.400 | \$ 0.284 | \$ 0.007 | \$ 0.106 | \$ - | \$ 0.972 | \$ 11.110 | \$ 82.760 |
| 07/09/2016 | 16 | \$ 71.650 | \$ 0.560 | \$ 0.82 | \$ 6.888 | \$ (0.033) | \$ - | \$ 1.372 | \$ 0.272 | \$ 0.007 | \$ 0.139 | \$ - | \$ 1.040 | \$ 11.064 | \$ 82.714 |
| 07/09/2016 | 17 | \$ 71.650 | \$ 0.559 | \$ 0.82 | \$ 6.876 | \$ (0.030) | \$ - | \$ 1.443 | \$ 0.173 | \$ 0.008 | \$ 0.160 | \$ - | \$ 1.142 | \$ 11.150 | \$ 82.800 |
| 07/09/2016 | 18 | \$ 77.010 | \$ 0.558 | \$ 0.82 | \$ 6.867 | \$ (0.070) | \$ - | \$ 1.515 | \$ 0.138 | \$ 0.007 | \$ 0.047 | \$ - | \$ 1.051 | \$ 10.932 | \$ 87.942 |
| 07/09/2016 | 19 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.881 | \$ 0.012 | \$ - | \$ 1.321 | \$ 0.098 | \$ 0.007 | \$ 0.100 | \$ - | \$ 1.037 | \$ 10.835 | \$ 87.845 |
| 07/09/2016 | 20 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.884 | \$ 0.042 | \$ - | \$ 1.296 | \$ 0.062 | \$ 0.007 | \$ 0.028 | \$ - | \$ 1.106 | \$ 10.804 | \$ 87.814 |
| 07/09/2016 | 21 | \$ 71.650 | \$ 0.557 | \$ 0.82 | \$ 6.850 | \$ (0.005) | \$ - | \$ 1.199 | \$ 0.057 | \$ 0.008 | \$ 0.009 | \$ - | \$ 1.231 | \$ 10.725 | \$ 82.375 |
| 07/09/2016 | 22 | \$ 68.730 | \$ 0.562 | \$ 0.82 | \$ 6.907 | \$ 0.155 | \$ - | \$ 1.234 | \$ 0.067 | \$ 0.010 | \$ 0.075 | \$ - | \$ 1.403 | \$ 11.232 | \$ 79.962 |
| 07/09/2016 | 23 | \$ 68.730 | \$ 0.561 | \$ 0.82 | \$ 6.899 | \$ (0.030) | \$ - | \$ 1.418 | \$ 0.069 | \$ 0.011 | \$ 0.258 | \$ - | \$ 1.532 | \$ 11.537 | \$ 80.267 |
| 08/09/2016 | 0 | \$ 68.840 | \$ 0.558 | \$ 0.82 | \$ 6.858 | \$ (0.086) | \$ - | \$ 1.323 | \$ 0.015 | \$ 0.011 | \$ 0.324 | \$ - | \$ 1.636 | \$ 11.457 | \$ 80.297 |
| 08/09/2016 | 1 | \$ 68.840 | \$ 0.561 | \$ 0.82 | \$ 6.898 | \$ (0.016) | \$ - | \$ 1.452 | \$ - | \$ 0.012 | \$ 0.196 | \$ - | \$ 1.691 | \$ 11.612 | \$ 80.452 |
| 08/09/2016 | 2 | \$ 68.840 | \$ 0.560 | \$ 0.82 | \$ 6.881 | \$ (0.059) | \$ - | \$ 1.438 | \$ - | \$ 0.012 | \$ 0.192 | \$ - | \$ 1.720 | \$ 11.562 | \$ 80.402 |
| 08/09/2016 | 3 | \$ 68.840 | \$ 0.559 | \$ 0.82 | \$ 6.879 | \$ (0.069) | \$ - | \$ 1.447 | \$ - | \$ 0.012 | \$ 0.221 | \$ - | \$ 1.729 | \$ 11.598 | \$ 80.438 |
| 08/09/2016 | 4 | \$ 71.000 | \$ 0.560 | \$ 0.82 | \$ 6.886 | \$ (0.025) | \$ - | \$ 1.425 | \$ - | \$ 0.011 | \$ 0.043 | \$ - | \$ 1.661 | \$ 11.379 | \$ 82.379 |
| 08/09/2016 | 5 | \$ 71.000 | \$ 0.560 | \$ 0.82 | \$ 6.888 | \$ (0.013) | \$ - | \$ 1.450 | \$ - | \$ 0.010 | \$ 0.024 | \$ - | \$ 1.533 | \$ 11.271 | \$ 82.271 |
| 08/09/2016 | 6 | \$ 71.000 | \$ 0.560 | \$ 0.82 | \$ 6.888 | \$ (0.084) | \$ - | \$ 1.708 | \$ - | \$ 0.010 | \$ 0.096 | \$ - | \$ 1.439 | \$ 11.436 | \$ 82.436 |
| 08/09/2016 | 7 | \$ 71.000 | \$ 0.561 | \$ 0.82 | \$ 6.896 | \$ (0.016) | \$ - | \$ 1.539 | \$ 0.096 | \$ 0.009 | \$ 0.146 | \$ - | \$ 1.274 | \$ 11.324 | \$ 82.324 |
| 08/09/2016 | 8 | \$ 71.000 | \$ 0.561 | \$ 0.82 | \$ 6.901 | \$ (0.004) | \$ - | \$ 1.566 | \$ 0.192 | \$ 0.008 | \$ 0.040 | \$ - | \$ 1.118 | \$ 11.201 | \$ 82.201 |

Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | Monto Remanente | FLEMG | PTRANSNIS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|---------|----------|-----------------|-------|-----------|-----------|-----------|----------|------|----------|-----------|-----------|
| 08/09/2016 | 9 | \$ 71.650 | \$ 0.561 | \$ 0.82 | \$ 6.897 | (0.005) | \$ - | \$ 1.539 | \$ 0.220 | \$ 0.007 | \$ 0.101 | \$ - | \$ 1.051 | \$ 11.189 | \$ 82.839 |
| 08/09/2016 | 10 | \$ 77.010 | \$ 0.561 | \$ 0.82 | \$ 6.901 | 0.002 | \$ - | \$ 1.572 | \$ 0.217 | \$ 0.007 | \$ 0.061 | \$ - | \$ 1.006 | \$ 11.146 | \$ 88.156 |
| 08/09/2016 | 11 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.893 | (0.038) | \$ - | \$ 1.627 | \$ 0.218 | \$ 0.007 | \$ 0.062 | \$ - | \$ 0.989 | \$ 11.136 | \$ 88.146 |
| 08/09/2016 | 12 | \$ 71.650 | \$ 0.562 | \$ 0.82 | \$ 6.909 | (0.031) | \$ - | \$ 1.580 | \$ 0.213 | \$ 0.007 | \$ 0.178 | \$ - | \$ 1.008 | \$ 11.246 | \$ 82.896 |
| 08/09/2016 | 13 | \$ 71.650 | \$ 0.562 | \$ 0.82 | \$ 6.916 | (0.011) | \$ - | \$ 1.696 | \$ 0.202 | \$ 0.007 | \$ 0.133 | \$ - | \$ 0.977 | \$ 11.300 | \$ 82.950 |
| 08/09/2016 | 14 | \$ 71.650 | \$ 0.563 | \$ 0.82 | \$ 6.921 | 0.007 | \$ - | \$ 1.612 | \$ 0.209 | \$ 0.007 | \$ 0.131 | \$ - | \$ 0.953 | \$ 11.221 | \$ 82.871 |
| 08/09/2016 | 15 | \$ 71.650 | \$ 0.561 | \$ 0.82 | \$ 6.900 | 0.017 | \$ - | \$ 1.483 | \$ 0.228 | \$ 0.007 | \$ 0.133 | \$ - | \$ 0.973 | \$ 11.121 | \$ 82.771 |
| 08/09/2016 | 16 | \$ 71.650 | \$ 0.561 | \$ 0.82 | \$ 6.896 | 0.016 | \$ - | \$ 1.399 | \$ 0.226 | \$ 0.007 | \$ 0.087 | \$ - | \$ 1.049 | \$ 11.060 | \$ 82.710 |
| 08/09/2016 | 17 | \$ 71.000 | \$ 0.563 | \$ 0.82 | \$ 6.918 | 0.021 | \$ - | \$ 1.549 | \$ 0.194 | \$ 0.008 | \$ 0.101 | \$ - | \$ 1.131 | \$ 11.304 | \$ 82.304 |
| 08/09/2016 | 18 | \$ 71.650 | \$ 0.559 | \$ 0.82 | \$ 6.874 | (0.075) | \$ - | \$ 1.589 | \$ 0.176 | \$ 0.007 | \$ 0.110 | \$ - | \$ 1.070 | \$ 11.130 | \$ 82.780 |
| 08/09/2016 | 19 | \$ 71.650 | \$ 0.560 | \$ 0.82 | \$ 6.889 | (0.003) | \$ - | \$ 1.383 | \$ 0.151 | \$ 0.007 | \$ 0.139 | \$ - | \$ 1.070 | \$ 11.015 | \$ 82.665 |
| 08/09/2016 | 20 | \$ 71.650 | \$ 0.560 | \$ 0.82 | \$ 6.884 | (0.002) | \$ - | \$ 1.307 | \$ 0.084 | \$ 0.008 | \$ 0.178 | \$ - | \$ 1.144 | \$ 10.980 | \$ 82.630 |
| 08/09/2016 | 21 | \$ 71.650 | \$ 0.558 | \$ 0.82 | \$ 6.859 | 0.010 | \$ - | \$ 1.078 | \$ 0.086 | \$ 0.009 | \$ 0.135 | \$ - | \$ 1.271 | \$ 10.824 | \$ 82.474 |
| 08/09/2016 | 22 | \$ 71.650 | \$ 0.560 | \$ 0.82 | \$ 6.887 | 0.049 | \$ - | \$ 1.188 | \$ 0.096 | \$ 0.010 | \$ 0.092 | \$ - | \$ 1.431 | \$ 11.131 | \$ 82.781 |
| 08/09/2016 | 23 | \$ 71.650 | \$ 0.558 | \$ 0.82 | \$ 6.857 | (0.118) | \$ - | \$ 1.316 | \$ 0.098 | \$ 0.011 | \$ 0.122 | \$ - | \$ 1.557 | \$ 11.220 | \$ 82.870 |
| 09/09/2016 | 0 | \$ 71.000 | \$ 0.566 | \$ 0.82 | \$ 6.956 | (0.076) | \$ - | \$ 1.862 | \$ 0.110 | \$ 0.011 | \$ 0.204 | \$ - | \$ 1.644 | \$ 12.096 | \$ 83.096 |
| 09/09/2016 | 1 | \$ 68.840 | \$ 0.562 | \$ 0.82 | \$ 6.916 | (0.068) | \$ - | \$ 1.630 | \$ 0.034 | \$ 0.012 | \$ 0.317 | \$ - | \$ 1.706 | \$ 11.928 | \$ 80.768 |
| 09/09/2016 | 2 | \$ 68.840 | \$ 0.566 | \$ 0.82 | \$ 6.960 | (0.042) | \$ - | \$ 1.695 | \$ - | \$ 0.012 | \$ 0.387 | \$ - | \$ 1.742 | \$ 12.140 | \$ 80.980 |
| 09/09/2016 | 3 | \$ 68.730 | \$ 0.560 | \$ 0.82 | \$ 6.890 | (0.116) | \$ - | \$ 1.623 | \$ - | \$ 0.012 | \$ 0.234 | \$ - | \$ 1.741 | \$ 11.762 | \$ 80.492 |
| 09/09/2016 | 4 | \$ 68.840 | \$ 0.561 | \$ 0.82 | \$ 6.904 | (0.103) | \$ - | \$ 1.671 | \$ - | \$ 0.012 | \$ 0.190 | \$ - | \$ 1.680 | \$ 11.734 | \$ 80.574 |
| 09/09/2016 | 5 | \$ 71.000 | \$ 0.565 | \$ 0.82 | \$ 6.950 | (0.073) | \$ - | \$ 1.953 | \$ - | \$ 0.011 | \$ 0.111 | \$ - | \$ 1.553 | \$ 11.889 | \$ 82.889 |
| 09/09/2016 | 6 | \$ 71.650 | \$ 0.555 | \$ 0.82 | \$ 6.822 | (0.179) | \$ - | \$ 1.514 | \$ - | \$ 0.010 | \$ 0.216 | \$ - | \$ 1.450 | \$ 11.207 | \$ 82.857 |
| 09/09/2016 | 7 | \$ 71.650 | \$ 0.561 | \$ 0.82 | \$ 6.901 | (0.043) | \$ - | \$ 1.657 | \$ 0.037 | \$ 0.009 | \$ 0.244 | \$ - | \$ 1.297 | \$ 11.483 | \$ 83.133 |
| 09/09/2016 | 8 | \$ 77.010 | \$ 0.561 | \$ 0.82 | \$ 6.903 | (0.009) | \$ - | \$ 1.499 | \$ 0.157 | \$ 0.008 | \$ 0.059 | \$ - | \$ 1.142 | \$ 11.139 | \$ 88.149 |
| 09/09/2016 | 9 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.887 | (0.020) | \$ - | \$ 1.397 | \$ 0.160 | \$ 0.007 | \$ 0.071 | \$ - | \$ 1.069 | \$ 10.950 | \$ 87.960 |
| 09/09/2016 | 10 | \$ 77.010 | \$ 0.561 | \$ 0.82 | \$ 6.893 | (0.049) | \$ - | \$ 1.597 | \$ 0.185 | \$ 0.007 | \$ 0.061 | \$ - | \$ 1.021 | \$ 11.094 | \$ 88.104 |
| 09/09/2016 | 11 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.892 | (0.054) | \$ - | \$ 1.493 | \$ 0.217 | \$ 0.007 | \$ 0.045 | \$ - | \$ 1.000 | \$ 10.980 | \$ 87.990 |
| 09/09/2016 | 12 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.892 | (0.039) | \$ - | \$ 1.548 | \$ 0.234 | \$ 0.007 | \$ 0.059 | \$ - | \$ 1.018 | \$ 11.096 | \$ 88.108 |
| 09/09/2016 | 13 | \$ 77.010 | \$ 0.561 | \$ 0.82 | \$ 6.899 | (0.050) | \$ - | \$ 1.694 | \$ 0.223 | \$ 0.007 | \$ 0.060 | \$ - | \$ 0.983 | \$ 11.198 | \$ 88.206 |
| 09/09/2016 | 14 | \$ 77.010 | \$ 0.562 | \$ 0.82 | \$ 6.910 | (0.011) | \$ - | \$ 1.593 | \$ 0.212 | \$ 0.007 | \$ 0.071 | \$ - | \$ 0.957 | \$ 11.119 | \$ 88.129 |
| 09/09/2016 | 15 | \$ 77.010 | \$ 0.562 | \$ 0.82 | \$ 6.909 | 0.002 | \$ - | \$ 1.557 | \$ 0.216 | \$ 0.007 | \$ 0.061 | \$ - | \$ 0.978 | \$ 11.111 | \$ 88.121 |
| 09/09/2016 | 16 | \$ 71.650 | \$ 0.561 | \$ 0.82 | \$ 6.897 | (0.014) | \$ - | \$ 1.385 | \$ 0.209 | \$ 0.007 | \$ 0.106 | \$ - | \$ 1.060 | \$ 11.030 | \$ 82.680 |
| 09/09/2016 | 17 | \$ 71.650 | \$ 0.563 | \$ 0.82 | \$ 6.924 | (0.025) | \$ - | \$ 1.531 | \$ 0.143 | \$ 0.008 | \$ 0.094 | \$ - | \$ 1.160 | \$ 11.216 | \$ 82.866 |
| 09/09/2016 | 18 | \$ 77.010 | \$ 0.558 | \$ 0.82 | \$ 6.862 | (0.075) | \$ - | \$ 1.479 | \$ 0.080 | \$ 0.007 | \$ 0.074 | \$ - | \$ 1.057 | \$ 10.860 | \$ 87.870 |
| 09/09/2016 | 19 | \$ 77.010 | \$ 0.559 | \$ 0.82 | \$ 6.878 | (0.004) | \$ - | \$ 1.299 | \$ 0.064 | \$ 0.007 | \$ 0.099 | \$ - | \$ 1.038 | \$ 10.759 | \$ 87.769 |
| 09/09/2016 | 20 | \$ 77.010 | \$ 0.560 | \$ 0.82 | \$ 6.884 | (0.015) | \$ - | \$ 1.364 | \$ 0.002 | \$ 0.008 | \$ 0.104 | \$ - | \$ 1.103 | \$ 10.828 | \$ 87.838 |
| 09/09/2016 | 21 | \$ 76.420 | \$ 0.556 | \$ 0.82 | \$ 6.841 | (0.026) | \$ - | \$ 1.115 | \$ - | \$ 0.008 | \$ 0.067 | \$ - | \$ 1.213 | \$ 10.594 | \$ 87.014 |
| 09/09/2016 | 22 | \$ 71.000 | \$ 0.563 | \$ 0.82 | \$ 6.919 | 0.047 | \$ - | \$ 1.327 | \$ - | \$ 0.009 | \$ 0.056 | \$ - | \$ 1.378 | \$ 11.118 | \$ 82.118 |
| 09/09/2016 | 23 | \$ 71.000 | \$ 0.563 | \$ 0.82 | \$ 6.924 | (0.130) | \$ - | \$ 1.929 | \$ - | \$ 0.010 | \$ 0.036 | \$ - | \$ 1.500 | \$ 11.650 | \$ 82.650 |
| 10/09/2016 | 0 | \$ 68.730 | \$ 0.560 | \$ 0.82 | \$ 6.881 | (0.072) | \$ - | \$ 1.509 | \$ - | \$ 0.011 | \$ 0.111 | \$ - | \$ 1.582 | \$ 11.401 | \$ 80.131 |
| 10/09/2016 | 1 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.874 | (0.060) | \$ - | \$ 1.299 | \$ - | \$ 0.011 | \$ 0.165 | \$ - | \$ 1.634 | \$ 11.301 | \$ 80.031 |
| 10/09/2016 | 2 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.872 | (0.062) | \$ - | \$ 1.292 | \$ - | \$ 0.011 | \$ 0.195 | \$ - | \$ 1.673 | \$ 11.359 | \$ 80.089 |
| 10/09/2016 | 3 | \$ 68.730 | \$ 0.557 | \$ 0.82 | \$ 6.855 | (0.057) | \$ - | \$ 1.201 | \$ - | \$ 0.012 | \$ 0.117 | \$ - | \$ 1.689 | \$ 11.193 | \$ 79.923 |
| 10/09/2016 | 4 | \$ 68.730 | \$ 0.557 | \$ 0.82 | \$ 6.849 | (0.050) | \$ - | \$ 1.091 | \$ - | \$ 0.011 | \$ 0.063 | \$ - | \$ 1.657 | \$ 10.997 | \$ 79.727 |
| 10/09/2016 | 5 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.868 | (0.087) | \$ - | \$ 1.276 | \$ - | \$ 0.011 | \$ 0.074 | \$ - | \$ 1.604 | \$ 11.124 | \$ 79.854 |
| 10/09/2016 | 6 | \$ 68.730 | \$ 0.555 | \$ 0.82 | \$ 6.828 | (0.119) | \$ - | \$ 1.078 | \$ 0.002 | \$ 0.011 | \$ 0.112 | \$ - | \$ 1.538 | \$ 10.823 | \$ 79.553 |
| 10/09/2016 | 7 | \$ 68.730 | \$ 0.560 | \$ 0.82 | \$ 6.889 | (0.084) | \$ - | \$ 1.353 | \$ 0.126 | \$ 0.009 | \$ 0.140 | \$ - | \$ 1.374 | \$ 11.185 | \$ 79.915 |
| 10/09/2016 | 8 | \$ 71.000 | \$ 0.561 | \$ 0.82 | \$ 6.897 | (0.116) | \$ - | \$ 1.582 | \$ 0.181 | \$ 0.008 | \$ 0.123 | \$ - | \$ 1.227 | \$ 11.281 | \$ 82.281 |
| 10/09/2016 | 9 | \$ 71.650 | \$ 0.561 | \$ 0.82 | \$ 6.896 | (0.055) | \$ - | \$ 1.420 | \$ 0.178 | \$ 0.008 | \$ 0.097 | \$ - | \$ 1.148 | \$ 11.072 | \$ 82.722 |
| 10/09/2016 | 10 | \$ 71.650 | \$ 0.561 | \$ 0.82 | \$ 6.894 | (0.103) | \$ - | \$ 1.564 | \$ 0.192 | \$ 0.008 | \$ 0.087 | \$ - | \$ 1.115 | \$ 11.137 | \$ 82.787 |
| 10/09/2016 | 11 | \$ 71.000 | \$ 0.561 | \$ 0.82 | \$ 6.901 | (0.095) | \$ - | \$ 1.611 | \$ 0.210 | \$ 0.008 | \$ 0.074 | \$ - | \$ 1.109 | \$ 11.197 | \$ 82.197 |
| 10/09/2016 | 12 | \$ 71.000 | \$ 0.561 | \$ 0.82 | \$ 6.901 | (0.067) | \$ - | \$ 1.482 | \$ 0.223 | \$ 0.008 | \$ 0.093 | \$ - | \$ 1.154 | \$ 11.174 | \$ 82.174 |
| 10/09/2016 | 13 | \$ 68.840 | \$ 0.561 | \$ 0.82 | \$ 6.896 | (0.094) | \$ - | \$ 1.496 | \$ 0.221 | \$ 0.008 | \$ 0.125 | \$ - | \$ 1.173 | \$ 11.205 | \$ 80.045 |
| 10/09/2016 | 14 | \$ 68.840 | \$ 0.562 | \$ 0.82 | \$ 6.916 | (0.034) | \$ - | \$ 1.380 | \$ 0.194 | \$ 0.008 | \$ 0.169 | \$ - | \$ 1.192 | \$ 11.206 | \$ 80.046 |
| 10/09/2016 | 15 | \$ 68.840 | \$ 0.559 | \$ 0.82 | \$ 6.870 | (0.072) | \$ - | \$ 1.318 | \$ 0.187 | \$ 0.008 | \$ 0.114 | \$ - | \$ 1.227 | \$ 11.030 | \$ 79.870 |
| 10/09/2016 | 16 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.876 | (0.013) | \$ - | \$ 1.029 | \$ 0.195 | \$ 0.009 | \$ 0.093 | \$ - | \$ 1.284 | \$ 10.851 | \$ 79.581 |
| 10/09/2016 | 17 | \$ 68.730 | \$ 0.560 | \$ 0.82 | \$ 6.882 | (0.059) | \$ - | \$ 1.392 | \$ 0.158 | \$ 0.009 | \$ 0.177 | \$ - | \$ 1.279 | \$ 11.217 | \$ 79.947 |
| 10/09/2016 | 18 | \$ 77.010 | \$ 0.558 | \$ 0.82 | \$ 6.861 | (0.104) | \$ - | \$ 1.579 | \$ 0.123 | \$ 0.008 | \$ 0.093 | \$ - | \$ 1.163 | \$ 11.098 | \$ 88.108 |
| 10/09/2016 | 19 | \$ 77.010 | \$ 0.561 | \$ 0.82 | \$ 6.893 | (0.042) | \$ - | \$ 1.559 | \$ 0.095 | \$ 0.008 | \$ 0.029 | \$ - | \$ 1.167 | \$ 11.089 | \$ 88.099 |

Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | Monto Remanente | FLEMG | PTRANSMS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|---------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|-----------|
| 10/09/2016 | 20 | \$ 71.650 | \$ 0.560 | \$ 0.82 | \$ 6.887 | \$(0.022) | \$ - | \$ 1.241 | \$ 0.037 | \$ 0.008 | \$ 0.076 | \$ - | \$ 1.244 | \$ 10.851 | \$ 82.501 |
| 10/09/2016 | 21 | \$ 71.650 | \$ 0.557 | \$ 0.82 | \$ 6.847 | \$(0.055) | \$ - | \$ 1.225 | \$ 0.010 | \$ 0.009 | \$ 0.017 | \$ - | \$ 1.372 | \$ 10.801 | \$ 82.451 |
| 10/09/2016 | 22 | \$ 68.840 | \$ 0.565 | \$ 0.82 | \$ 6.945 | \$(0.008) | \$ - | \$ 1.428 | \$ - | \$ 0.010 | \$ 0.223 | \$ - | \$ 1.529 | \$ 11.511 | \$ 80.351 |
| 10/09/2016 | 23 | \$ 68.840 | \$ 0.558 | \$ 0.82 | \$ 6.867 | \$(0.076) | \$ - | \$ 1.422 | \$ - | \$ 0.011 | \$ 0.258 | \$ - | \$ 1.668 | \$ 11.527 | \$ 80.367 |
| 11/09/2016 | 0 | \$ 68.840 | \$ 0.559 | \$ 0.82 | \$ 6.876 | \$(0.119) | \$ - | \$ 1.757 | \$ - | \$ 0.012 | \$ 0.086 | \$ - | \$ 1.771 | \$ 11.762 | \$ 80.602 |
| 11/09/2016 | 1 | \$ 68.840 | \$ 0.561 | \$ 0.82 | \$ 6.904 | \$(0.104) | \$ - | \$ 1.571 | \$ - | \$ 0.013 | \$ 0.155 | \$ - | \$ 1.829 | \$ 11.747 | \$ 80.587 |
| 11/09/2016 | 2 | \$ 68.840 | \$ 0.559 | \$ 0.82 | \$ 6.877 | \$(0.120) | \$ - | \$ 1.510 | \$ - | \$ 0.013 | \$ 0.294 | \$ - | \$ 1.874 | \$ 11.826 | \$ 80.666 |
| 11/09/2016 | 3 | \$ 68.730 | \$ 0.560 | \$ 0.82 | \$ 6.883 | \$(0.146) | \$ - | \$ 1.506 | \$ - | \$ 0.013 | \$ 0.193 | \$ - | \$ 1.903 | \$ 11.731 | \$ 80.461 |
| 11/09/2016 | 4 | \$ 68.730 | \$ 0.562 | \$ 0.82 | \$ 6.913 | \$(0.072) | \$ - | \$ 1.470 | \$ - | \$ 0.013 | \$ 0.226 | \$ - | \$ 1.873 | \$ 11.804 | \$ 80.534 |
| 11/09/2016 | 5 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.874 | \$(0.085) | \$ - | \$ 1.205 | \$ - | \$ 0.013 | \$ 0.267 | \$ - | \$ 1.830 | \$ 11.482 | \$ 80.212 |
| 11/09/2016 | 6 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.878 | \$(0.135) | \$ - | \$ 1.398 | \$ - | \$ 0.012 | \$ 0.274 | \$ - | \$ 1.802 | \$ 11.608 | \$ 80.338 |
| 11/09/2016 | 7 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.868 | \$(0.108) | \$ - | \$ 1.252 | \$ - | \$ 0.012 | \$ 0.206 | \$ - | \$ 1.678 | \$ 11.285 | \$ 80.015 |
| 11/09/2016 | 8 | \$ 68.730 | \$ 0.560 | \$ 0.82 | \$ 6.886 | \$(0.048) | \$ - | \$ 1.297 | \$ - | \$ 0.011 | \$ 0.102 | \$ - | \$ 1.569 | \$ 11.195 | \$ 79.925 |
| 11/09/2016 | 9 | \$ 68.840 | \$ 0.556 | \$ 0.82 | \$ 6.843 | \$(0.086) | \$ - | \$ 1.383 | \$ 0.002 | \$ 0.010 | \$ 0.201 | \$ - | \$ 1.491 | \$ 11.219 | \$ 80.059 |
| 11/09/2016 | 10 | \$ 68.840 | \$ 0.558 | \$ 0.82 | \$ 6.866 | \$(0.102) | \$ - | \$ 1.603 | \$ 0.043 | \$ 0.010 | \$ 0.219 | \$ - | \$ 1.434 | \$ 11.450 | \$ 80.290 |
| 11/09/2016 | 11 | \$ 68.840 | \$ 0.559 | \$ 0.82 | \$ 6.879 | \$(0.083) | \$ - | \$ 1.474 | \$ 0.090 | \$ 0.010 | \$ 0.137 | \$ - | \$ 1.400 | \$ 11.284 | \$ 80.124 |
| 11/09/2016 | 12 | \$ 68.840 | \$ 0.560 | \$ 0.82 | \$ 6.892 | \$(0.084) | \$ - | \$ 1.443 | \$ 0.092 | \$ 0.010 | \$ 0.201 | \$ - | \$ 1.391 | \$ 11.323 | \$ 80.163 |
| 11/09/2016 | 13 | \$ 68.840 | \$ 0.565 | \$ 0.82 | \$ 6.954 | \$(0.058) | \$ - | \$ 1.487 | \$ 0.090 | \$ 0.009 | \$ 0.073 | \$ - | \$ 1.384 | \$ 11.324 | \$ 80.164 |
| 11/09/2016 | 14 | \$ 68.840 | \$ 0.563 | \$ 0.82 | \$ 6.920 | \$(0.009) | \$ - | \$ 1.418 | \$ 0.089 | \$ 0.009 | \$ 0.061 | \$ - | \$ 1.383 | \$ 11.252 | \$ 80.092 |
| 11/09/2016 | 15 | \$ 68.840 | \$ 0.561 | \$ 0.82 | \$ 6.900 | \$(0.072) | \$ - | \$ 1.293 | \$ 0.087 | \$ 0.010 | \$ 0.121 | \$ - | \$ 1.397 | \$ 11.114 | \$ 79.954 |
| 11/09/2016 | 16 | \$ 68.730 | \$ 0.562 | \$ 0.82 | \$ 6.906 | \$ 0.003 | \$ - | \$ 1.159 | \$ 0.090 | \$ 0.010 | \$ 0.162 | \$ - | \$ 1.428 | \$ 11.139 | \$ 79.869 |
| 11/09/2016 | 17 | \$ 68.840 | \$ 0.561 | \$ 0.82 | \$ 6.897 | \$(0.017) | \$ - | \$ 1.487 | \$ 0.080 | \$ 0.010 | \$ 0.156 | \$ - | \$ 1.385 | \$ 11.376 | \$ 80.216 |
| 11/09/2016 | 18 | \$ 71.000 | \$ 0.561 | \$ 0.82 | \$ 6.896 | \$(0.033) | \$ - | \$ 1.711 | \$ 0.068 | \$ 0.008 | \$ 0.003 | \$ - | \$ 1.201 | \$ 11.233 | \$ 82.233 |
| 11/09/2016 | 19 | \$ 71.000 | \$ 0.561 | \$ 0.82 | \$ 6.904 | \$(0.012) | \$ - | \$ 1.462 | \$ 0.066 | \$ 0.008 | \$ 0.034 | \$ - | \$ 1.191 | \$ 11.032 | \$ 82.032 |
| 11/09/2016 | 20 | \$ 68.840 | \$ 0.562 | \$ 0.82 | \$ 6.911 | \$(0.028) | \$ - | \$ 1.471 | \$ 0.027 | \$ 0.009 | \$ 0.251 | \$ - | \$ 1.291 | \$ 11.312 | \$ 80.152 |
| 11/09/2016 | 21 | \$ 68.730 | \$ 0.556 | \$ 0.82 | \$ 6.841 | \$ 0.003 | \$ - | \$ 0.935 | \$ - | \$ 0.010 | \$ 0.151 | \$ - | \$ 1.453 | \$ 10.767 | \$ 79.497 |
| 11/09/2016 | 22 | \$ 68.730 | \$ 0.559 | \$ 0.82 | \$ 6.871 | \$(0.031) | \$ - | \$ 1.216 | \$ - | \$ 0.011 | \$ 0.117 | \$ - | \$ 1.622 | \$ 11.184 | \$ 79.914 |
| 11/09/2016 | 23 | \$ 68.730 | \$ 0.560 | \$ 0.82 | \$ 6.887 | \$(0.054) | \$ - | \$ 1.306 | \$ - | \$ 0.012 | \$ 0.086 | \$ - | \$ 1.748 | \$ 11.363 | \$ 80.093 |
| 12/09/2016 | 0 | \$ 64.360 | \$ 0.559 | \$ 0.82 | \$ 6.878 | \$(0.044) | \$ - | \$ 1.173 | \$ - | \$ 0.013 | \$ 0.115 | \$ - | \$ 1.857 | \$ 11.369 | \$ 75.729 |
| 12/09/2016 | 1 | \$ 57.590 | \$ 0.557 | \$ 0.82 | \$ 6.854 | \$(0.050) | \$ - | \$ 0.776 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.911 | \$ 10.880 | \$ 68.470 |
| 12/09/2016 | 2 | \$ 57.590 | \$ 0.555 | \$ 0.82 | \$ 6.831 | \$(0.073) | \$ - | \$ 0.817 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.939 | \$ 10.902 | \$ 68.492 |
| 12/09/2016 | 3 | \$ 57.590 | \$ 0.556 | \$ 0.82 | \$ 6.835 | \$(0.020) | \$ - | \$ 0.727 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.929 | \$ 10.859 | \$ 68.449 |
| 12/09/2016 | 4 | \$ 57.590 | \$ 0.556 | \$ 0.82 | \$ 6.838 | \$(0.019) | \$ - | \$ 0.853 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.837 | \$ 10.896 | \$ 68.486 |
| 12/09/2016 | 5 | \$ 64.360 | \$ 0.558 | \$ 0.82 | \$ 6.860 | \$(0.065) | \$ - | \$ 1.139 | \$ - | \$ 0.011 | \$ 0.001 | \$ - | \$ 1.672 | \$ 10.996 | \$ 75.356 |
| 12/09/2016 | 6 | \$ 66.990 | \$ 0.556 | \$ 0.82 | \$ 6.837 | \$(0.061) | \$ - | \$ 1.149 | \$ 0.022 | \$ 0.010 | \$ 0.116 | \$ - | \$ 1.520 | \$ 10.968 | \$ 77.958 |
| 12/09/2016 | 7 | \$ 66.990 | \$ 0.559 | \$ 0.82 | \$ 6.876 | \$(0.029) | \$ - | \$ 1.194 | \$ 0.160 | \$ 0.009 | \$ 0.045 | \$ - | \$ 1.314 | \$ 10.947 | \$ 77.937 |
| 12/09/2016 | 8 | \$ 66.990 | \$ 0.560 | \$ 0.82 | \$ 6.881 | \$(0.044) | \$ - | \$ 1.409 | \$ 0.254 | \$ 0.008 | \$ 0.114 | \$ - | \$ 1.139 | \$ 11.139 | \$ 78.129 |
| 12/09/2016 | 9 | \$ 67.080 | \$ 0.563 | \$ 0.82 | \$ 6.923 | \$(0.050) | \$ - | \$ 1.593 | \$ 0.297 | \$ 0.007 | \$ 0.131 | \$ - | \$ 1.073 | \$ 11.356 | \$ 78.436 |
| 12/09/2016 | 10 | \$ 69.280 | \$ 0.563 | \$ 0.82 | \$ 6.922 | \$(0.061) | \$ - | \$ 1.732 | \$ 0.316 | \$ 0.007 | \$ 0.002 | \$ - | \$ 1.039 | \$ 11.339 | \$ 80.619 |
| 12/09/2016 | 11 | \$ 69.280 | \$ 0.565 | \$ 0.82 | \$ 6.951 | \$(0.048) | \$ - | \$ 1.583 | \$ 0.321 | \$ 0.007 | \$ 0.070 | \$ - | \$ 1.039 | \$ 11.306 | \$ 80.586 |
| 12/09/2016 | 12 | \$ 67.080 | \$ 0.562 | \$ 0.82 | \$ 6.913 | \$(0.040) | \$ - | \$ 1.596 | \$ 0.338 | \$ 0.007 | \$ 0.159 | \$ - | \$ 1.065 | \$ 11.420 | \$ 78.500 |
| 12/09/2016 | 13 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.916 | \$(0.021) | \$ - | \$ 1.596 | \$ 0.319 | \$ 0.007 | \$ 0.069 | \$ - | \$ 1.028 | \$ 11.296 | \$ 80.576 |
| 12/09/2016 | 14 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.910 | \$(0.046) | \$ - | \$ 1.706 | \$ 0.305 | \$ 0.007 | \$ 0.016 | \$ - | \$ 0.997 | \$ 11.275 | \$ 80.555 |
| 12/09/2016 | 15 | \$ 69.280 | \$ 0.561 | \$ 0.82 | \$ 6.901 | \$(0.025) | \$ - | \$ 1.428 | \$ 0.297 | \$ 0.007 | \$ 0.031 | \$ - | \$ 1.010 | \$ 11.030 | \$ 80.310 |
| 12/09/2016 | 16 | \$ 67.080 | \$ 0.561 | \$ 0.82 | \$ 6.896 | \$(0.021) | \$ - | \$ 1.243 | \$ 0.254 | \$ 0.007 | \$ 0.159 | \$ - | \$ 1.077 | \$ 10.996 | \$ 78.076 |
| 12/09/2016 | 17 | \$ 66.990 | \$ 0.560 | \$ 0.82 | \$ 6.882 | \$(0.026) | \$ - | \$ 1.161 | \$ 0.183 | \$ 0.008 | \$ 0.141 | \$ - | \$ 1.176 | \$ 10.903 | \$ 77.893 |
| 12/09/2016 | 18 | \$ 69.850 | \$ 0.560 | \$ 0.82 | \$ 6.881 | \$(0.022) | \$ - | \$ 1.488 | \$ 0.126 | \$ 0.007 | \$ 0.101 | \$ - | \$ 1.068 | \$ 11.028 | \$ 80.878 |
| 12/09/2016 | 19 | \$ 69.850 | \$ 0.562 | \$ 0.82 | \$ 6.908 | \$(0.019) | \$ - | \$ 1.388 | \$ 0.100 | \$ 0.007 | \$ 0.086 | \$ - | \$ 1.056 | \$ 10.906 | \$ 80.756 |
| 12/09/2016 | 20 | \$ 69.850 | \$ 0.560 | \$ 0.82 | \$ 6.887 | \$(0.022) | \$ - | \$ 1.322 | \$ 0.077 | \$ 0.008 | \$ 0.087 | \$ - | \$ 1.125 | \$ 10.864 | \$ 80.714 |
| 12/09/2016 | 21 | \$ 67.080 | \$ 0.560 | \$ 0.82 | \$ 6.890 | \$(0.023) | \$ - | \$ 1.223 | \$ 0.060 | \$ 0.008 | \$ 0.138 | \$ - | \$ 1.258 | \$ 10.933 | \$ 78.013 |
| 12/09/2016 | 22 | \$ 66.990 | \$ 0.558 | \$ 0.82 | \$ 6.868 | \$(0.006) | \$ - | \$ 1.062 | \$ 0.063 | \$ 0.010 | \$ 0.122 | \$ - | \$ 1.428 | \$ 10.924 | \$ 77.914 |
| 12/09/2016 | 23 | \$ 66.990 | \$ 0.559 | \$ 0.82 | \$ 6.875 | \$(0.054) | \$ - | \$ 1.281 | \$ 0.070 | \$ 0.011 | \$ 0.212 | \$ - | \$ 1.579 | \$ 11.352 | \$ 78.342 |
| 13/09/2016 | 0 | \$ 64.360 | \$ 0.560 | \$ 0.82 | \$ 6.886 | \$ 0.001 | \$ - | \$ 1.439 | \$ 0.080 | \$ 0.012 | \$ 0.000 | \$ - | \$ 1.715 | \$ 11.511 | \$ 75.871 |
| 13/09/2016 | 1 | \$ 57.990 | \$ 0.561 | \$ 0.82 | \$ 6.902 | \$ 0.069 | \$ - | \$ 1.183 | \$ 0.079 | \$ 0.012 | \$ - | \$ - | \$ 1.760 | \$ 11.385 | \$ 69.375 |
| 13/09/2016 | 2 | \$ 57.990 | \$ 0.562 | \$ 0.82 | \$ 6.906 | \$ 0.035 | \$ - | \$ 1.278 | \$ 0.080 | \$ 0.012 | \$ - | \$ - | \$ 1.784 | \$ 11.475 | \$ 69.465 |
| 13/09/2016 | 3 | \$ 57.990 | \$ 0.561 | \$ 0.82 | \$ 6.898 | \$ 0.027 | \$ - | \$ 1.248 | \$ 0.001 | \$ 0.012 | \$ - | \$ - | \$ 1.808 | \$ 11.375 | \$ 69.365 |
| 13/09/2016 | 4 | \$ 57.990 | \$ 0.560 | \$ 0.82 | \$ 6.883 | \$ 0.039 | \$ - | \$ 1.200 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.750 | \$ 11.263 | \$ 69.253 |
| 13/09/2016 | 5 | \$ 57.990 | \$ 0.561 | \$ 0.82 | \$ 6.899 | \$(0.068) | \$ - | \$ 1.527 | \$ 0.076 | \$ 0.011 | \$ - | \$ - | \$ 1.591 | \$ 11.415 | \$ 69.405 |
| 13/09/2016 | 6 | \$ 57.990 | \$ 0.560 | \$ 0.82 | \$ 6.888 | \$(0.032) | \$ - | \$ 1.303 | \$ 0.115 | \$ 0.010 | \$ - | \$ - | \$ 1.467 | \$ 11.130 | \$ 69.120 |

Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | Monto Remanente | FLEMG | PTRANSMIS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|---------|----------|-----------------|-------|-----------|-----------|-----------|----------|------|----------|-----------|-----------|
| 13/09/2016 | 7 | \$ 61.340 | \$ 0.562 | \$ 0.82 | \$ 6.911 | \$(0.038) | \$ - | \$ 1.558 | \$ 0.204 | \$ 0.009 | \$ 0.010 | \$ - | \$ 1.311 | \$ 11.346 | \$ 72.686 |
| 13/09/2016 | 8 | \$ 66.990 | \$ 0.562 | \$ 0.82 | \$ 6.910 | \$(0.048) | \$ - | \$ 1.556 | \$ 0.272 | \$ 0.008 | \$ 0.253 | \$ - | \$ 1.146 | \$ 11.478 | \$ 78.468 |
| 13/09/2016 | 9 | \$ 67.080 | \$ 0.563 | \$ 0.82 | \$ 6.922 | \$(0.014) | \$ - | \$ 1.622 | \$ 0.253 | \$ 0.007 | \$ 0.154 | \$ - | \$ 1.084 | \$ 11.410 | \$ 78.490 |
| 13/09/2016 | 10 | \$ 67.080 | \$ 0.563 | \$ 0.82 | \$ 6.921 | \$(0.030) | \$ - | \$ 1.719 | \$ 0.263 | \$ 0.007 | \$ 0.109 | \$ - | \$ 1.038 | \$ 11.409 | \$ 78.489 |
| 13/09/2016 | 11 | \$ 69.280 | \$ 0.564 | \$ 0.82 | \$ 6.937 | \$(0.017) | \$ - | \$ 1.785 | \$ 0.294 | \$ 0.007 | \$ 0.007 | \$ - | \$ 1.015 | \$ 11.411 | \$ 80.691 |
| 13/09/2016 | 12 | \$ 67.080 | \$ 0.562 | \$ 0.82 | \$ 6.915 | \$(0.012) | \$ - | \$ 1.569 | \$ 0.314 | \$ 0.007 | \$ 0.165 | \$ - | \$ 1.038 | \$ 11.379 | \$ 78.459 |
| 13/09/2016 | 13 | \$ 67.080 | \$ 0.563 | \$ 0.82 | \$ 6.927 | \$(0.039) | \$ - | \$ 1.769 | \$ 0.300 | \$ 0.007 | \$ 0.082 | \$ - | \$ 1.008 | \$ 11.437 | \$ 78.517 |
| 13/09/2016 | 14 | \$ 67.080 | \$ 0.563 | \$ 0.82 | \$ 6.921 | \$ 0.013 | \$ - | \$ 1.537 | \$ 0.296 | \$ 0.007 | \$ 0.083 | \$ - | \$ 0.987 | \$ 11.224 | \$ 78.304 |
| 13/09/2016 | 15 | \$ 67.080 | \$ 0.562 | \$ 0.82 | \$ 6.914 | \$(0.020) | \$ - | \$ 1.573 | \$ 0.297 | \$ 0.007 | \$ 0.119 | \$ - | \$ 1.016 | \$ 11.287 | \$ 78.367 |
| 13/09/2016 | 16 | \$ 66.990 | \$ 0.562 | \$ 0.82 | \$ 6.914 | \$(0.001) | \$ - | \$ 1.425 | \$ 0.280 | \$ 0.007 | \$ 0.114 | \$ - | \$ 1.079 | \$ 11.199 | \$ 78.189 |
| 13/09/2016 | 17 | \$ 66.990 | \$ 0.564 | \$ 0.82 | \$ 6.933 | \$(0.035) | \$ - | \$ 1.564 | \$ 0.236 | \$ 0.008 | \$ 0.228 | \$ - | \$ 1.175 | \$ 11.491 | \$ 78.481 |
| 13/09/2016 | 18 | \$ 76.950 | \$ 0.558 | \$ 0.82 | \$ 6.865 | \$(0.022) | \$ - | \$ 1.566 | \$ 0.167 | \$ 0.007 | \$ 0.079 | \$ - | \$ 1.065 | \$ 11.104 | \$ 88.054 |
| 13/09/2016 | 19 | \$ 76.960 | \$ 0.560 | \$ 0.82 | \$ 6.886 | \$ 0.024 | \$ - | \$ 1.375 | \$ 0.122 | \$ 0.007 | \$ 0.008 | \$ - | \$ 1.061 | \$ 10.863 | \$ 87.823 |
| 13/09/2016 | 20 | \$ 69.280 | \$ 0.560 | \$ 0.82 | \$ 6.891 | \$ 0.014 | \$ - | \$ 1.313 | \$ 0.102 | \$ 0.008 | \$ 0.025 | \$ - | \$ 1.132 | \$ 10.865 | \$ 80.145 |
| 13/09/2016 | 21 | \$ 67.080 | \$ 0.556 | \$ 0.82 | \$ 6.839 | \$ 0.040 | \$ - | \$ 1.140 | \$ 0.021 | \$ 0.008 | \$ 0.153 | \$ - | \$ 1.261 | \$ 10.837 | \$ 77.917 |
| 13/09/2016 | 22 | \$ 66.990 | \$ 0.563 | \$ 0.82 | \$ 6.925 | \$ 0.072 | \$ - | \$ 1.112 | \$ - | \$ 0.010 | \$ 0.085 | \$ - | \$ 1.430 | \$ 11.017 | \$ 78.007 |
| 13/09/2016 | 23 | \$ 66.990 | \$ 0.560 | \$ 0.82 | \$ 6.886 | \$(0.075) | \$ - | \$ 1.511 | \$ - | \$ 0.011 | \$ 0.119 | \$ - | \$ 1.555 | \$ 11.386 | \$ 78.376 |
| 14/09/2016 | 0 | \$ 64.360 | \$ 0.561 | \$ 0.82 | \$ 6.899 | \$(0.008) | \$ - | \$ 1.321 | \$ - | \$ 0.011 | \$ 0.099 | \$ - | \$ 1.641 | \$ 11.343 | \$ 75.703 |
| 14/09/2016 | 1 | \$ 64.360 | \$ 0.560 | \$ 0.82 | \$ 6.889 | \$(0.037) | \$ - | \$ 1.346 | \$ - | \$ 0.012 | \$ 0.098 | \$ - | \$ 1.688 | \$ 11.374 | \$ 75.734 |
| 14/09/2016 | 2 | \$ 57.440 | \$ 0.561 | \$ 0.82 | \$ 6.904 | \$(0.017) | \$ - | \$ 1.200 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.712 | \$ 11.190 | \$ 68.630 |
| 14/09/2016 | 3 | \$ 57.440 | \$ 0.561 | \$ 0.82 | \$ 6.901 | \$(0.069) | \$ - | \$ 1.331 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.720 | \$ 11.274 | \$ 68.714 |
| 14/09/2016 | 4 | \$ 57.440 | \$ 0.560 | \$ 0.82 | \$ 6.890 | \$(0.011) | \$ - | \$ 1.331 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.656 | \$ 11.257 | \$ 68.697 |
| 14/09/2016 | 5 | \$ 57.440 | \$ 0.562 | \$ 0.82 | \$ 6.913 | \$(0.043) | \$ - | \$ 1.395 | \$ 0.080 | \$ 0.010 | \$ - | \$ - | \$ 1.527 | \$ 11.262 | \$ 68.702 |
| 14/09/2016 | 6 | \$ 64.360 | \$ 0.559 | \$ 0.82 | \$ 6.870 | \$(0.048) | \$ - | \$ 1.167 | \$ 0.115 | \$ 0.010 | \$ 0.169 | \$ - | \$ 1.422 | \$ 11.082 | \$ 75.442 |
| 14/09/2016 | 7 | \$ 66.990 | \$ 0.562 | \$ 0.82 | \$ 6.906 | \$(0.103) | \$ - | \$ 1.694 | \$ 0.195 | \$ 0.009 | \$ 0.154 | \$ - | \$ 1.262 | \$ 11.496 | \$ 78.486 |
| 14/09/2016 | 8 | \$ 67.080 | \$ 0.563 | \$ 0.82 | \$ 6.919 | \$(0.017) | \$ - | \$ 1.587 | \$ 0.321 | \$ 0.008 | \$ 0.123 | \$ - | \$ 1.102 | \$ 11.425 | \$ 78.505 |
| 14/09/2016 | 9 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.915 | \$(0.009) | \$ - | \$ 1.557 | \$ 0.319 | \$ 0.007 | \$ 0.068 | \$ - | \$ 1.037 | \$ 11.274 | \$ 80.554 |
| 14/09/2016 | 10 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.915 | \$(0.024) | \$ - | \$ 1.675 | \$ 0.301 | \$ 0.007 | \$ 0.027 | \$ - | \$ 0.999 | \$ 11.281 | \$ 80.561 |
| 14/09/2016 | 11 | \$ 69.280 | \$ 0.563 | \$ 0.82 | \$ 6.919 | \$(0.000) | \$ - | \$ 1.599 | \$ 0.301 | \$ 0.007 | \$ 0.038 | \$ - | \$ 0.984 | \$ 11.229 | \$ 80.509 |
| 14/09/2016 | 12 | \$ 69.280 | \$ 0.563 | \$ 0.82 | \$ 6.923 | \$(0.037) | \$ - | \$ 1.738 | \$ 0.322 | \$ 0.007 | \$ 0.036 | \$ - | \$ 1.016 | \$ 11.386 | \$ 80.666 |
| 14/09/2016 | 13 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.906 | \$(0.036) | \$ - | \$ 1.646 | \$ 0.312 | \$ 0.007 | \$ 0.068 | \$ - | \$ 1.012 | \$ 11.295 | \$ 80.575 |
| 14/09/2016 | 14 | \$ 69.280 | \$ 0.563 | \$ 0.82 | \$ 6.926 | \$(0.012) | \$ - | \$ 1.649 | \$ 0.307 | \$ 0.007 | \$ 0.018 | \$ - | \$ 1.003 | \$ 11.281 | \$ 80.561 |
| 14/09/2016 | 15 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.914 | \$(0.013) | \$ - | \$ 1.578 | \$ 0.315 | \$ 0.007 | \$ 0.050 | \$ - | \$ 1.027 | \$ 11.259 | \$ 80.539 |
| 14/09/2016 | 16 | \$ 67.080 | \$ 0.563 | \$ 0.82 | \$ 6.922 | \$(0.011) | \$ - | \$ 1.548 | \$ 0.294 | \$ 0.008 | \$ 0.190 | \$ - | \$ 1.107 | \$ 11.439 | \$ 78.519 |
| 14/09/2016 | 17 | \$ 67.080 | \$ 0.561 | \$ 0.82 | \$ 6.905 | \$(0.011) | \$ - | \$ 1.407 | \$ 0.282 | \$ 0.008 | \$ 0.122 | \$ - | \$ 1.185 | \$ 11.277 | \$ 78.357 |
| 14/09/2016 | 18 | \$ 76.950 | \$ 0.558 | \$ 0.82 | \$ 6.857 | \$(0.031) | \$ - | \$ 1.501 | \$ 0.226 | \$ 0.007 | \$ 0.067 | \$ - | \$ 1.082 | \$ 11.086 | \$ 88.036 |
| 14/09/2016 | 19 | \$ 76.950 | \$ 0.562 | \$ 0.82 | \$ 6.907 | \$ 0.004 | \$ - | \$ 1.647 | \$ 0.180 | \$ 0.007 | \$ 0.065 | \$ - | \$ 1.089 | \$ 11.279 | \$ 88.229 |
| 14/09/2016 | 20 | \$ 67.080 | \$ 0.562 | \$ 0.82 | \$ 6.914 | \$(0.003) | \$ - | \$ 1.433 | \$ 0.105 | \$ 0.008 | \$ 0.195 | \$ - | \$ 1.167 | \$ 11.202 | \$ 78.282 |
| 14/09/2016 | 21 | \$ 67.080 | \$ 0.557 | \$ 0.82 | \$ 6.856 | \$ 0.011 | \$ - | \$ 1.153 | \$ 0.069 | \$ 0.009 | \$ 0.239 | \$ - | \$ 1.299 | \$ 11.013 | \$ 78.093 |
| 14/09/2016 | 22 | \$ 64.360 | \$ 0.564 | \$ 0.82 | \$ 6.930 | \$ 0.037 | \$ - | \$ 1.057 | \$ 0.078 | \$ 0.010 | \$ 0.167 | \$ - | \$ 1.490 | \$ 11.153 | \$ 75.513 |
| 14/09/2016 | 23 | \$ 57.440 | \$ 0.561 | \$ 0.82 | \$ 6.904 | \$(0.022) | \$ - | \$ 1.262 | \$ 0.052 | \$ 0.011 | \$ - | \$ - | \$ 1.629 | \$ 11.217 | \$ 68.657 |
| 15/09/2016 | 0 | \$ 57.440 | \$ 0.559 | \$ 0.82 | \$ 6.875 | \$(0.063) | \$ - | \$ 1.291 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.730 | \$ 11.223 | \$ 68.663 |
| 15/09/2016 | 1 | \$ 57.440 | \$ 0.561 | \$ 0.82 | \$ 6.901 | \$ 0.003 | \$ - | \$ 1.106 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.784 | \$ 11.185 | \$ 68.625 |
| 15/09/2016 | 2 | \$ 57.440 | \$ 0.559 | \$ 0.82 | \$ 6.876 | \$(0.038) | \$ - | \$ 1.099 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.821 | \$ 11.148 | \$ 68.588 |
| 15/09/2016 | 3 | \$ 57.440 | \$ 0.560 | \$ 0.82 | \$ 6.883 | \$(0.068) | \$ - | \$ 1.185 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.842 | \$ 11.234 | \$ 68.674 |
| 15/09/2016 | 4 | \$ 57.440 | \$ 0.559 | \$ 0.82 | \$ 6.876 | \$ 0.032 | \$ - | \$ 1.032 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.822 | \$ 11.154 | \$ 68.594 |
| 15/09/2016 | 5 | \$ 57.440 | \$ 0.562 | \$ 0.82 | \$ 6.911 | \$(0.066) | \$ - | \$ 1.346 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.766 | \$ 11.350 | \$ 68.790 |
| 15/09/2016 | 6 | \$ 57.440 | \$ 0.557 | \$ 0.82 | \$ 6.852 | \$(0.040) | \$ - | \$ 0.809 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.758 | \$ 10.767 | \$ 68.207 |
| 15/09/2016 | 7 | \$ 57.440 | \$ 0.555 | \$ 0.82 | \$ 6.829 | \$(0.126) | \$ - | \$ 0.998 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.662 | \$ 10.749 | \$ 68.189 |
| 15/09/2016 | 8 | \$ 57.440 | \$ 0.556 | \$ 0.82 | \$ 6.842 | \$(0.098) | \$ - | \$ 0.984 | \$ 0.030 | \$ 0.011 | \$ - | \$ - | \$ 1.592 | \$ 10.736 | \$ 68.176 |
| 15/09/2016 | 9 | \$ 57.440 | \$ 0.556 | \$ 0.82 | \$ 6.843 | \$(0.095) | \$ - | \$ 0.929 | \$ 0.074 | \$ 0.011 | \$ 0.228 | \$ - | \$ 1.564 | \$ 10.931 | \$ 68.371 |
| 15/09/2016 | 10 | \$ 57.440 | \$ 0.557 | \$ 0.82 | \$ 6.852 | \$(0.075) | \$ - | \$ 0.963 | \$ 0.090 | \$ 0.010 | \$ 0.221 | \$ - | \$ 1.529 | \$ 10.966 | \$ 68.406 |
| 15/09/2016 | 11 | \$ 57.440 | \$ 0.560 | \$ 0.82 | \$ 6.881 | \$(0.042) | \$ - | \$ 1.013 | \$ 0.111 | \$ 0.010 | \$ 0.216 | \$ - | \$ 1.497 | \$ 11.064 | \$ 68.504 |
| 15/09/2016 | 12 | \$ 61.590 | \$ 0.558 | \$ 0.82 | \$ 6.859 | \$(0.079) | \$ - | \$ 1.070 | \$ 0.128 | \$ 0.010 | \$ 0.130 | \$ - | \$ 1.471 | \$ 10.965 | \$ 72.555 |
| 15/09/2016 | 13 | \$ 61.590 | \$ 0.556 | \$ 0.82 | \$ 6.840 | \$(0.069) | \$ - | \$ 0.852 | \$ 0.123 | \$ 0.010 | \$ 0.128 | \$ - | \$ 1.457 | \$ 10.717 | \$ 72.307 |
| 15/09/2016 | 14 | \$ 61.590 | \$ 0.557 | \$ 0.82 | \$ 6.852 | \$(0.056) | \$ - | \$ 0.844 | \$ 0.120 | \$ 0.010 | \$ 0.128 | \$ - | \$ 1.447 | \$ 10.721 | \$ 72.311 |
| 15/09/2016 | 15 | \$ 61.590 | \$ 0.556 | \$ 0.82 | \$ 6.843 | \$(0.095) | \$ - | \$ 0.879 | \$ 0.090 | \$ 0.010 | \$ 0.129 | \$ - | \$ 1.457 | \$ 10.688 | \$ 72.278 |
| 15/09/2016 | 16 | \$ 61.590 | \$ 0.557 | \$ 0.82 | \$ 6.851 | \$(0.068) | \$ - | \$ 0.805 | \$ 0.091 | \$ 0.010 | \$ 0.131 | \$ - | \$ 1.480 | \$ 10.675 | \$ 72.265 |
| 15/09/2016 | 17 | \$ 64.360 | \$ 0.559 | \$ 0.82 | \$ 6.875 | \$ 0.004 | \$ - | \$ 0.828 | \$ 0.096 | \$ 0.010 | \$ 0.180 | \$ - | \$ 1.437 | \$ 10.809 | \$ 75.169 |

Precios de la energía (\$/MWh)

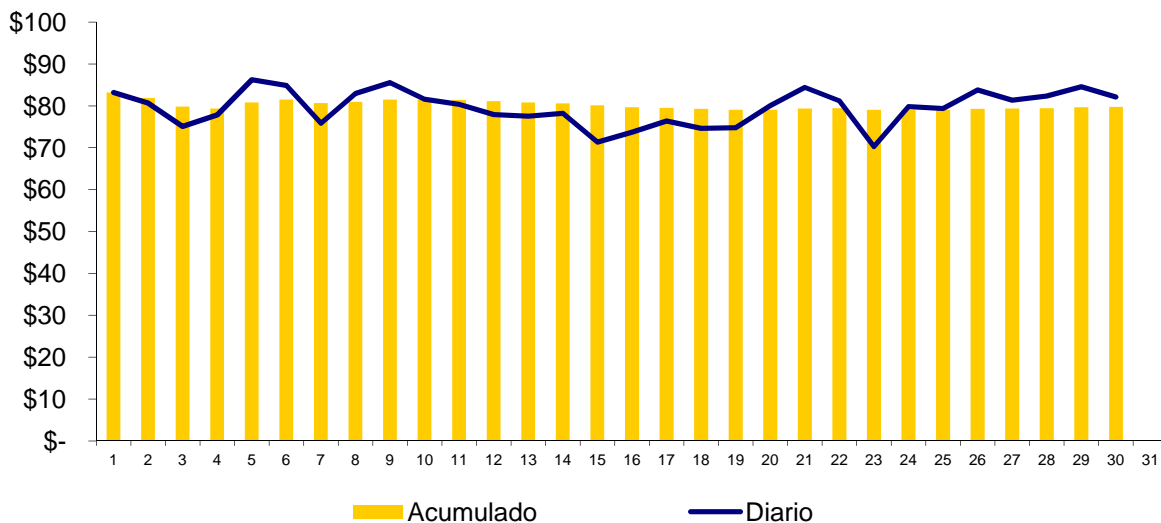
| FECHA | HORA | CMO-POS | SIGET | UT | CUST | Monto Remanente | FLEMG | PTRANSMS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|---------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|-----------|
| 15/09/2016 | 18 | \$ 67.080 | \$ 0.558 | \$ 0.82 | \$ 6.867 | (0.094) | \$ - | \$ 1.410 | \$ 0.094 | \$ 0.008 | \$ 0.232 | \$ - | \$ 1.222 | \$ 11.117 | \$ 78.197 |
| 15/09/2016 | 19 | \$ 67.080 | \$ 0.559 | \$ 0.82 | \$ 6.878 | 0.005 | \$ - | \$ 1.166 | \$ 0.093 | \$ 0.008 | \$ 0.113 | \$ - | \$ 1.200 | \$ 10.841 | \$ 77.921 |
| 15/09/2016 | 20 | \$ 66.990 | \$ 0.559 | \$ 0.82 | \$ 6.875 | 0.012 | \$ - | \$ 1.143 | \$ 0.078 | \$ 0.009 | \$ 0.118 | \$ - | \$ 1.275 | \$ 10.888 | \$ 77.878 |
| 15/09/2016 | 21 | \$ 61.590 | \$ 0.557 | \$ 0.82 | \$ 6.847 | 0.016 | \$ - | \$ 1.012 | \$ 0.070 | \$ 0.010 | \$ 0.161 | \$ - | \$ 1.429 | \$ 10.921 | \$ 72.511 |
| 15/09/2016 | 22 | \$ 57.440 | \$ 0.561 | \$ 0.82 | \$ 6.899 | 0.072 | \$ - | \$ 0.907 | \$ 0.009 | \$ 0.011 | \$ 0.091 | \$ - | \$ 1.644 | \$ 11.014 | \$ 68.454 |
| 15/09/2016 | 23 | \$ 57.440 | \$ 0.558 | \$ 0.82 | \$ 6.866 | 0.021 | \$ - | \$ 0.860 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.805 | \$ 10.941 | \$ 68.381 |
| 16/09/2016 | 0 | \$ 7.960 | \$ 0.560 | \$ 0.82 | \$ 6.890 | 0.037 | \$ - | \$ 0.153 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.901 | \$ 10.373 | \$ 18.333 |
| 16/09/2016 | 1 | \$ 7.960 | \$ 0.561 | \$ 0.82 | \$ 6.897 | 0.105 | \$ - | \$ 0.177 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.957 | \$ 10.529 | \$ 18.489 |
| 16/09/2016 | 2 | \$ 7.960 | \$ 0.560 | \$ 0.82 | \$ 6.891 | 0.160 | \$ - | \$ 0.183 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 2.000 | \$ 10.627 | \$ 18.587 |
| 16/09/2016 | 3 | \$ 7.960 | \$ 0.561 | \$ 0.82 | \$ 6.898 | 0.007 | \$ - | \$ 0.154 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.994 | \$ 10.447 | \$ 18.407 |
| 16/09/2016 | 4 | \$ 64.360 | \$ 0.561 | \$ 0.82 | \$ 6.898 | (0.020) | \$ - | \$ 1.362 | \$ - | \$ 0.013 | \$ 0.004 | \$ - | \$ 1.910 | \$ 11.545 | \$ 75.905 |
| 16/09/2016 | 5 | \$ 66.990 | \$ 0.561 | \$ 0.82 | \$ 6.898 | (0.034) | \$ - | \$ 1.345 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.770 | \$ 11.371 | \$ 78.361 |
| 16/09/2016 | 6 | \$ 66.990 | \$ 0.559 | \$ 0.82 | \$ 6.869 | (0.190) | \$ - | \$ 1.555 | \$ 0.003 | \$ 0.011 | \$ 0.104 | \$ - | \$ 1.615 | \$ 11.344 | \$ 78.334 |
| 16/09/2016 | 7 | \$ 67.080 | \$ 0.563 | \$ 0.82 | \$ 6.921 | (0.089) | \$ - | \$ 1.692 | \$ 0.083 | \$ 0.009 | \$ 0.079 | \$ - | \$ 1.366 | \$ 11.443 | \$ 78.523 |
| 16/09/2016 | 8 | \$ 69.280 | \$ 0.563 | \$ 0.82 | \$ 6.924 | (0.053) | \$ - | \$ 1.720 | \$ 0.232 | \$ 0.008 | \$ 0.043 | \$ - | \$ 1.177 | \$ 11.433 | \$ 80.713 |
| 16/09/2016 | 9 | \$ 69.280 | \$ 0.561 | \$ 0.82 | \$ 6.905 | (0.075) | \$ - | \$ 1.660 | \$ 0.277 | \$ 0.008 | \$ 0.074 | \$ - | \$ 1.106 | \$ 11.334 | \$ 80.614 |
| 16/09/2016 | 10 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.908 | (0.054) | \$ - | \$ 1.587 | \$ 0.293 | \$ 0.007 | \$ 0.060 | \$ - | \$ 1.064 | \$ 11.246 | \$ 80.526 |
| 16/09/2016 | 11 | \$ 69.280 | \$ 0.563 | \$ 0.82 | \$ 6.919 | (0.006) | \$ - | \$ 1.600 | \$ 0.295 | \$ 0.007 | \$ 0.023 | \$ - | \$ 1.035 | \$ 11.254 | \$ 80.534 |
| 16/09/2016 | 12 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.905 | (0.023) | \$ - | \$ 1.481 | \$ 0.302 | \$ 0.007 | \$ 0.045 | \$ - | \$ 1.054 | \$ 11.152 | \$ 80.432 |
| 16/09/2016 | 13 | \$ 69.280 | \$ 0.561 | \$ 0.82 | \$ 6.897 | (0.117) | \$ - | \$ 1.762 | \$ 0.293 | \$ 0.007 | \$ 0.021 | \$ - | \$ 1.023 | \$ 11.265 | \$ 80.545 |
| 16/09/2016 | 14 | \$ 69.280 | \$ 0.564 | \$ 0.82 | \$ 6.938 | 0.020 | \$ - | \$ 1.597 | \$ 0.287 | \$ 0.007 | \$ 0.024 | \$ - | \$ 1.010 | \$ 11.265 | \$ 80.545 |
| 16/09/2016 | 15 | \$ 69.280 | \$ 0.561 | \$ 0.82 | \$ 6.901 | (0.102) | \$ - | \$ 1.649 | \$ 0.291 | \$ 0.007 | \$ 0.026 | \$ - | \$ 1.041 | \$ 11.192 | \$ 80.472 |
| 16/09/2016 | 16 | \$ 69.280 | \$ 0.561 | \$ 0.82 | \$ 6.899 | (0.028) | \$ - | \$ 1.379 | \$ 0.242 | \$ 0.008 | \$ 0.082 | \$ - | \$ 1.137 | \$ 11.097 | \$ 80.377 |
| 16/09/2016 | 17 | \$ 76.720 | \$ 0.565 | \$ 0.82 | \$ 6.954 | 0.007 | \$ - | \$ 1.843 | \$ 0.169 | \$ 0.008 | \$ 0.064 | \$ - | \$ 1.206 | \$ 11.634 | \$ 88.354 |
| 16/09/2016 | 18 | \$ 76.960 | \$ 0.559 | \$ 0.82 | \$ 6.869 | (0.025) | \$ - | \$ 1.522 | \$ 0.122 | \$ 0.008 | \$ 0.081 | \$ - | \$ 1.104 | \$ 11.059 | \$ 88.019 |
| 16/09/2016 | 19 | \$ 76.960 | \$ 0.560 | \$ 0.82 | \$ 6.890 | (0.022) | \$ - | \$ 1.597 | \$ 0.096 | \$ 0.008 | \$ 0.032 | \$ - | \$ 1.130 | \$ 11.109 | \$ 88.069 |
| 16/09/2016 | 20 | \$ 69.280 | \$ 0.562 | \$ 0.82 | \$ 6.907 | 0.018 | \$ - | \$ 1.427 | \$ 0.070 | \$ 0.008 | \$ 0.022 | \$ - | \$ 1.228 | \$ 11.060 | \$ 80.340 |
| 16/09/2016 | 21 | \$ 69.280 | \$ 0.557 | \$ 0.82 | \$ 6.847 | (0.022) | \$ - | \$ 1.246 | \$ 0.055 | \$ 0.009 | \$ 0.066 | \$ - | \$ 1.368 | \$ 10.947 | \$ 80.227 |
| 16/09/2016 | 22 | \$ 64.360 | \$ 0.567 | \$ 0.82 | \$ 6.973 | 0.117 | \$ - | \$ 1.518 | \$ - | \$ 0.011 | \$ 0.217 | \$ - | \$ 1.570 | \$ 11.792 | \$ 76.152 |
| 16/09/2016 | 23 | \$ 59.140 | \$ 0.562 | \$ 0.82 | \$ 6.910 | (0.012) | \$ - | \$ 1.311 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.707 | \$ 11.308 | \$ 70.448 |
| 17/09/2016 | 0 | \$ 57.500 | \$ 0.560 | \$ 0.82 | \$ 6.889 | (0.048) | \$ - | \$ 1.227 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.808 | \$ 11.268 | \$ 68.768 |
| 17/09/2016 | 1 | \$ 57.500 | \$ 0.561 | \$ 0.82 | \$ 6.898 | (0.020) | \$ - | \$ 1.214 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.890 | \$ 11.375 | \$ 68.875 |
| 17/09/2016 | 2 | \$ 57.500 | \$ 0.561 | \$ 0.82 | \$ 6.904 | (0.029) | \$ - | \$ 1.274 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.924 | \$ 11.466 | \$ 68.966 |
| 17/09/2016 | 3 | \$ 57.500 | \$ 0.560 | \$ 0.82 | \$ 6.888 | (0.026) | \$ - | \$ 1.186 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.943 | \$ 11.383 | \$ 68.883 |
| 17/09/2016 | 4 | \$ 57.500 | \$ 0.559 | \$ 0.82 | \$ 6.874 | (0.103) | \$ - | \$ 1.284 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.886 | \$ 11.332 | \$ 68.832 |
| 17/09/2016 | 5 | \$ 57.500 | \$ 0.562 | \$ 0.82 | \$ 6.912 | (0.006) | \$ - | \$ 1.257 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.795 | \$ 11.351 | \$ 68.851 |
| 17/09/2016 | 6 | \$ 57.500 | \$ 0.561 | \$ 0.82 | \$ 6.900 | (0.128) | \$ - | \$ 1.477 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.688 | \$ 11.329 | \$ 68.829 |
| 17/09/2016 | 7 | \$ 57.500 | \$ 0.559 | \$ 0.82 | \$ 6.873 | (0.173) | \$ - | \$ 1.423 | \$ 0.107 | \$ 0.010 | \$ - | \$ - | \$ 1.505 | \$ 11.123 | \$ 68.623 |
| 17/09/2016 | 8 | \$ 60.420 | \$ 0.557 | \$ 0.82 | \$ 6.844 | (0.151) | \$ - | \$ 1.371 | \$ 0.180 | \$ 0.009 | \$ 0.269 | \$ - | \$ 1.354 | \$ 11.253 | \$ 71.673 |
| 17/09/2016 | 9 | \$ 64.360 | \$ 0.561 | \$ 0.82 | \$ 6.897 | (0.022) | \$ - | \$ 1.316 | \$ 0.210 | \$ 0.009 | \$ 0.146 | \$ - | \$ 1.267 | \$ 11.201 | \$ 75.561 |
| 17/09/2016 | 10 | \$ 66.990 | \$ 0.561 | \$ 0.82 | \$ 6.902 | (0.072) | \$ - | \$ 1.534 | \$ 0.241 | \$ 0.008 | \$ 0.075 | \$ - | \$ 1.215 | \$ 11.283 | \$ 78.273 |
| 17/09/2016 | 11 | \$ 66.990 | \$ 0.561 | \$ 0.82 | \$ 6.901 | (0.037) | \$ - | \$ 1.482 | \$ 0.256 | \$ 0.008 | \$ 0.076 | \$ - | \$ 1.200 | \$ 11.267 | \$ 78.257 |
| 17/09/2016 | 12 | \$ 66.990 | \$ 0.561 | \$ 0.82 | \$ 6.900 | 0.015 | \$ - | \$ 1.310 | \$ 0.267 | \$ 0.009 | \$ 0.124 | \$ - | \$ 1.249 | \$ 11.254 | \$ 78.244 |
| 17/09/2016 | 13 | \$ 64.360 | \$ 0.560 | \$ 0.82 | \$ 6.886 | (0.098) | \$ - | \$ 1.393 | \$ 0.268 | \$ 0.009 | \$ 0.131 | \$ - | \$ 1.260 | \$ 11.227 | \$ 75.587 |
| 17/09/2016 | 14 | \$ 64.360 | \$ 0.561 | \$ 0.82 | \$ 6.899 | 1.599 | \$ - | \$ 1.013 | \$ 0.265 | \$ 0.009 | \$ 0.202 | \$ - | \$ 1.270 | \$ 12.636 | \$ 76.996 |
| 17/09/2016 | 15 | \$ 67.080 | \$ 0.597 | \$ 0.82 | \$ 7.342 | 3.242 | \$ - | \$ 1.149 | \$ 0.263 | \$ 0.009 | \$ 0.266 | \$ - | \$ 1.303 | \$ 14.990 | \$ 82.070 |
| 17/09/2016 | 16 | \$ 67.080 | \$ 0.619 | \$ 0.82 | \$ 7.616 | 3.471 | \$ - | \$ 1.056 | \$ 0.201 | \$ 0.009 | \$ 0.169 | \$ - | \$ 1.339 | \$ 15.298 | \$ 82.378 |
| 17/09/2016 | 17 | \$ 66.990 | \$ 0.594 | \$ 0.82 | \$ 7.304 | 0.669 | \$ - | \$ 1.431 | \$ 0.192 | \$ 0.009 | \$ 0.103 | \$ - | \$ 1.341 | \$ 12.462 | \$ 79.452 |
| 17/09/2016 | 18 | \$ 76.950 | \$ 0.578 | \$ 0.82 | \$ 7.107 | 0.812 | \$ - | \$ 1.644 | \$ 0.102 | \$ 0.008 | \$ 0.019 | \$ - | \$ 1.159 | \$ 12.248 | \$ 89.198 |
| 17/09/2016 | 19 | \$ 76.950 | \$ 0.560 | \$ 0.82 | \$ 6.887 | 0.058 | \$ - | \$ 1.321 | \$ 0.053 | \$ 0.008 | \$ 0.032 | \$ - | \$ 1.168 | \$ 10.905 | \$ 87.855 |
| 17/09/2016 | 20 | \$ 69.280 | \$ 0.560 | \$ 0.82 | \$ 6.888 | 0.025 | \$ - | \$ 1.279 | \$ - | \$ 0.008 | \$ 0.069 | \$ - | \$ 1.260 | \$ 10.909 | \$ 80.189 |
| 17/09/2016 | 21 | \$ 67.080 | \$ 0.574 | \$ 0.82 | \$ 7.061 | 0.416 | \$ - | \$ 1.213 | \$ - | \$ 0.009 | \$ 0.190 | \$ - | \$ 1.398 | \$ 11.680 | \$ 78.760 |
| 17/09/2016 | 22 | \$ 64.360 | \$ 0.566 | \$ 0.82 | \$ 6.960 | 0.362 | \$ - | \$ 1.142 | \$ - | \$ 0.011 | \$ 0.136 | \$ - | \$ 1.656 | \$ 11.651 | \$ 76.011 |
| 17/09/2016 | 23 | \$ 57.500 | \$ 0.562 | \$ 0.82 | \$ 6.906 | 0.028 | \$ - | \$ 1.269 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.791 | \$ 11.387 | \$ 68.887 |
| 18/09/2016 | 0 | \$ 56.580 | \$ 0.562 | \$ 0.82 | \$ 6.912 | (0.040) | \$ - | \$ 1.214 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.881 | \$ 11.362 | \$ 67.942 |
| 18/09/2016 | 1 | \$ 56.580 | \$ 0.561 | \$ 0.82 | \$ 6.898 | (0.005) | \$ - | \$ 1.149 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.940 | \$ 11.376 | \$ 67.956 |
| 18/09/2016 | 2 | \$ 56.580 | \$ 0.562 | \$ 0.82 | \$ 6.905 | (0.038) | \$ - | \$ 1.192 | \$ - | \$ 0.014 | \$ - | \$ - | \$ 1.981 | \$ 11.435 | \$ 68.015 |
| 18/09/2016 | 3 | \$ 56.580 | \$ 0.561 | \$ 0.82 | \$ 6.901 | 0.014 | \$ - | \$ 1.145 | \$ - | \$ 0.014 | \$ - | \$ - | \$ 1.997 | \$ 11.450 | \$ 68.030 |
| 18/09/2016 | 4 | \$ 56.580 | \$ 0.559 | \$ 0.82 | \$ 6.873 | (0.057) | \$ - | \$ 1.144 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.957 | \$ 11.308 | \$ 67.888 |

Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | Monto Remanente | FLEMG | PTRANSMS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|---------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|-----------|
| 30/09/2016 | 12 | \$ 70.420 | \$ 0.562 | \$ 0.82 | \$ 6.915 | \$(0.038) | \$ - | \$ 1.609 | \$ 0.328 | \$ 0.007 | \$ 0.028 | \$ - | \$ 1.015 | \$ 11.245 | \$ 81.665 |
| 30/09/2016 | 13 | \$ 70.420 | \$ 0.562 | \$ 0.82 | \$ 6.916 | \$(0.055) | \$ - | \$ 1.817 | \$ 0.313 | \$ 0.007 | \$ 0.022 | \$ - | \$ 0.984 | \$ 11.384 | \$ 81.804 |
| 30/09/2016 | 14 | \$ 70.420 | \$ 0.563 | \$ 0.82 | \$ 6.924 | \$(0.025) | \$ - | \$ 1.760 | \$ 0.303 | \$ 0.007 | \$ 0.025 | \$ - | \$ 0.965 | \$ 11.340 | \$ 81.760 |
| 30/09/2016 | 15 | \$ 70.420 | \$ 0.564 | \$ 0.82 | \$ 6.937 | \$ 0.063 | \$ - | \$ 1.717 | \$ 0.289 | \$ 0.007 | \$ 0.035 | \$ - | \$ 0.992 | \$ 11.423 | \$ 81.843 |
| 30/09/2016 | 16 | \$ 68.270 | \$ 0.562 | \$ 0.82 | \$ 6.914 | \$ 0.016 | \$ - | \$ 1.450 | \$ 0.289 | \$ 0.007 | \$ 0.127 | \$ - | \$ 1.076 | \$ 11.260 | \$ 79.530 |
| 30/09/2016 | 17 | \$ 70.420 | \$ 0.565 | \$ 0.82 | \$ 6.945 | \$(0.027) | \$ - | \$ 1.887 | \$ 0.250 | \$ 0.008 | \$ 0.076 | \$ - | \$ 1.142 | \$ 11.664 | \$ 82.084 |
| 30/09/2016 | 18 | \$ 76.950 | \$ 0.558 | \$ 0.82 | \$ 6.863 | \$(0.074) | \$ - | \$ 1.657 | \$ 0.195 | \$ 0.007 | \$ 0.048 | \$ - | \$ 1.036 | \$ 11.109 | \$ 88.059 |
| 30/09/2016 | 19 | \$ 76.950 | \$ 0.561 | \$ 0.82 | \$ 6.893 | \$ 0.005 | \$ - | \$ 1.459 | \$ 0.202 | \$ 0.007 | \$ 0.031 | \$ - | \$ 1.048 | \$ 11.025 | \$ 87.975 |
| 30/09/2016 | 20 | \$ 76.950 | \$ 0.560 | \$ 0.82 | \$ 6.886 | \$(0.013) | \$ - | \$ 1.464 | \$ 0.177 | \$ 0.008 | \$ 0.046 | \$ - | \$ 1.120 | \$ 11.066 | \$ 88.016 |
| 30/09/2016 | 21 | \$ 76.950 | \$ 0.557 | \$ 0.82 | \$ 6.852 | \$(0.077) | \$ - | \$ 1.544 | \$ 0.162 | \$ 0.009 | \$ 0.048 | \$ - | \$ 1.270 | \$ 11.184 | \$ 88.134 |
| 30/09/2016 | 22 | \$ 68.270 | \$ 0.564 | \$ 0.82 | \$ 6.937 | \$(0.037) | \$ - | \$ 1.638 | \$ 0.182 | \$ 0.010 | \$ 0.132 | \$ - | \$ 1.449 | \$ 11.695 | \$ 79.965 |
| 30/09/2016 | 23 | \$ 68.270 | \$ 0.562 | \$ 0.82 | \$ 6.909 | \$(0.040) | \$ - | \$ 1.494 | \$ 0.150 | \$ 0.011 | \$ 0.117 | \$ - | \$ 1.551 | \$ 11.573 | \$ 79.843 |

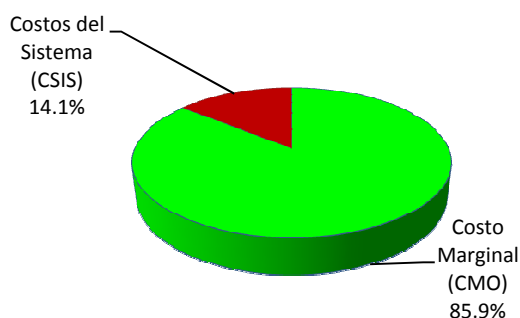
Precios Promedios (\$/MWh)

| FECHA | Diario | Acumulado |
|-------------|----------|-----------|
| 01/sep/2016 | \$ 83.15 | \$ 83.15 |
| 02/sep/2016 | \$ 80.64 | \$ 81.90 |
| 03/sep/2016 | \$ 75.05 | \$ 79.81 |
| 04/sep/2016 | \$ 77.83 | \$ 79.37 |
| 05/sep/2016 | \$ 86.19 | \$ 80.77 |
| 06/sep/2016 | \$ 84.85 | \$ 81.48 |
| 07/sep/2016 | \$ 75.82 | \$ 80.62 |
| 08/sep/2016 | \$ 82.93 | \$ 80.93 |
| 09/sep/2016 | \$ 85.55 | \$ 81.47 |
| 10/sep/2016 | \$ 81.56 | \$ 81.48 |
| 11/sep/2016 | \$ 80.37 | \$ 81.39 |
| 12/sep/2016 | \$ 77.92 | \$ 81.09 |
| 13/sep/2016 | \$ 77.53 | \$ 80.81 |
| 14/sep/2016 | \$ 78.20 | \$ 80.61 |
| 15/sep/2016 | \$ 71.32 | \$ 80.08 |
| 16/sep/2016 | \$ 73.73 | \$ 79.68 |
| 17/sep/2016 | \$ 76.34 | \$ 79.50 |
| 18/sep/2016 | \$ 74.65 | \$ 79.27 |
| 19/sep/2016 | \$ 74.80 | \$ 79.01 |
| 20/sep/2016 | \$ 80.01 | \$ 79.07 |
| 21/sep/2016 | \$ 84.41 | \$ 79.34 |
| 22/sep/2016 | \$ 81.16 | \$ 79.43 |
| 23/sep/2016 | \$ 70.24 | \$ 79.01 |
| 24/sep/2016 | \$ 79.78 | \$ 79.04 |
| 25/sep/2016 | \$ 79.36 | \$ 79.05 |
| 26/sep/2016 | \$ 83.79 | \$ 79.24 |
| 27/sep/2016 | \$ 81.37 | \$ 79.33 |
| 28/sep/2016 | \$ 82.37 | \$ 79.44 |
| 29/sep/2016 | \$ 84.56 | \$ 79.64 |
| 30/sep/2016 | \$ 82.14 | \$ 79.72 |

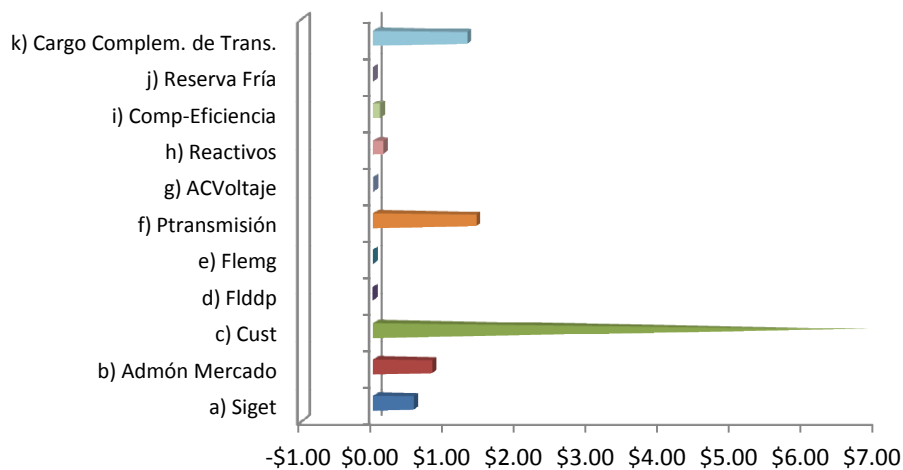


Composición del Precio Promedio (\$/MWh)

| Detalle | \$/MWh | % |
|---------------------------|----------------|---------------|
| Costo Marginal (CMO) | \$68.46 | 85.9% |
| Costos del Sistema (CSIS) | \$11.26 | 14.1% |
| Precio del MRS | \$79.72 | 100.0% |



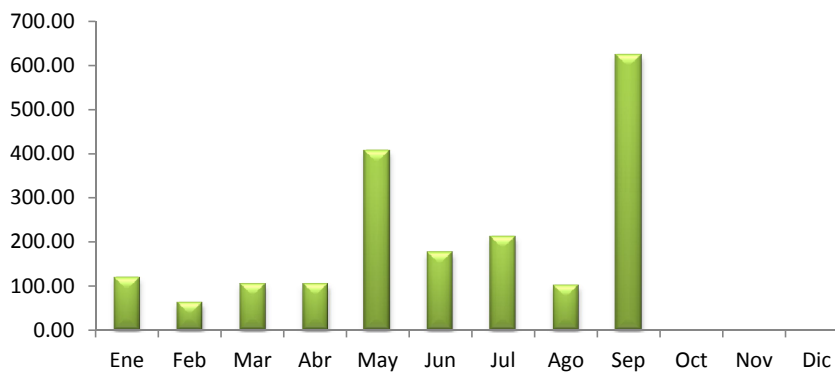
| Cargos del Sistema (CSIS) | \$/MWh | % |
|---------------------------------|----------------|--------------|
| a) Siget | \$0.56 | 0.7% |
| b) Admón Mercado | \$0.82 | 1.0% |
| c) Cust | \$6.90 | 8.7% |
| d) Flddp | (\$0.0054) | 0.0% |
| e) Flemg | \$0.00 | 0.0% |
| f) Ptransmisión | \$1.43 | 1.8% |
| g) ACVoltaje | \$0.01 | 0.0% |
| h) Reactivos | \$0.14 | 0.2% |
| i) Comp-Eficiencia | \$0.10 | 0.1% |
| j) Reserva Fría | \$0.00 | 0.0% |
| k) Cargo Complem. de Trans. | \$1.31 | 1.6% |
| Total Cargos del Sistema | \$11.26 | 14.1% |



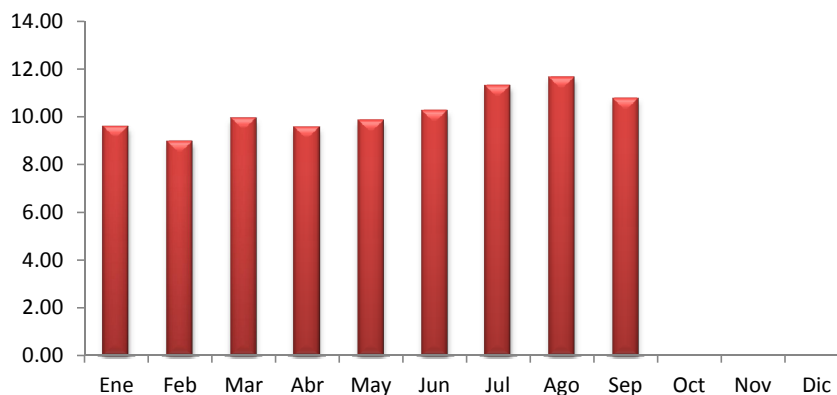
Sistema de Transmisión ENS, Pérdidas e interrupciones

| Mes | Energía no servida (MWh) | Pérdidas de transmisión (GWh) |
|-----|--------------------------|-------------------------------|
| Ene | 118.14 | 9.56 |
| Feb | 61.94 | 8.94 |
| Mar | 103.98 | 9.91 |
| Abr | 104.20 | 9.52 |
| May | 405.84 | 9.83 |
| Jun | 176.57 | 10.23 |
| Jul | 212.08 | 11.27 |
| Ago | 101.58 | 11.63 |
| Sep | 624.02 | 10.73 |
| Oct | | |
| Nov | | |
| Dic | | |

Energía no servida (MWh)



Pérdidas de transmisión (GWh)



Sistema de Transmisión

Eventos (interrupciones) asociados a líneas de transmisión por responsable

| | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|------------|
| DELSUR | | | | | | | | | | | | | 0 |
| ETESAL | 15 | 10 | 13 | 18 | 24 | 27 | 34 | 26 | 37 | | | | 204 |
| NEJAPA POWER | | | | | | | | | | | | | 0 |
| INGENIO CHAPARRASTIQUE | | | | | | 1 | | | | | | | 1 |
| CEL | | | | 1 | | | | | | | | | 1 |
| INGENIO EL ANGEL | | | | | | 1 | | | | | | | 1 |
| UT | | | | | | | | | | | | | 0 |
| LAGEO | | | | | | | | | | | | | 0 |
| INE | | | | | | | | | | | | | 0 |
| TERMOPUERTO | | | | | | 1 | | | 1 | | | | 2 |
| GUATEMALA | 2 | 1 | | | | | | | | | | | 3 |
| HONDURAS | 1 | | | | 1 | | | | | 2 | | | 4 |
| PANAMA | | | | | | | | | | | | | 0 |
| EPR | 4 | 5 | 6 | | 3 | | 2 | | | | | | 20 |
| NICARAGUA | | | | | | | | | | 1 | | | 1 |
| TOTALES | 22 | 16 | 19 | 19 | 28 | 30 | 36 | 26 | 41 | 0 | 0 | 0 | 237 |

(*) Incluye Interconexión con Guatemala y Honduras, SIEPAC y Refuerzos Internos

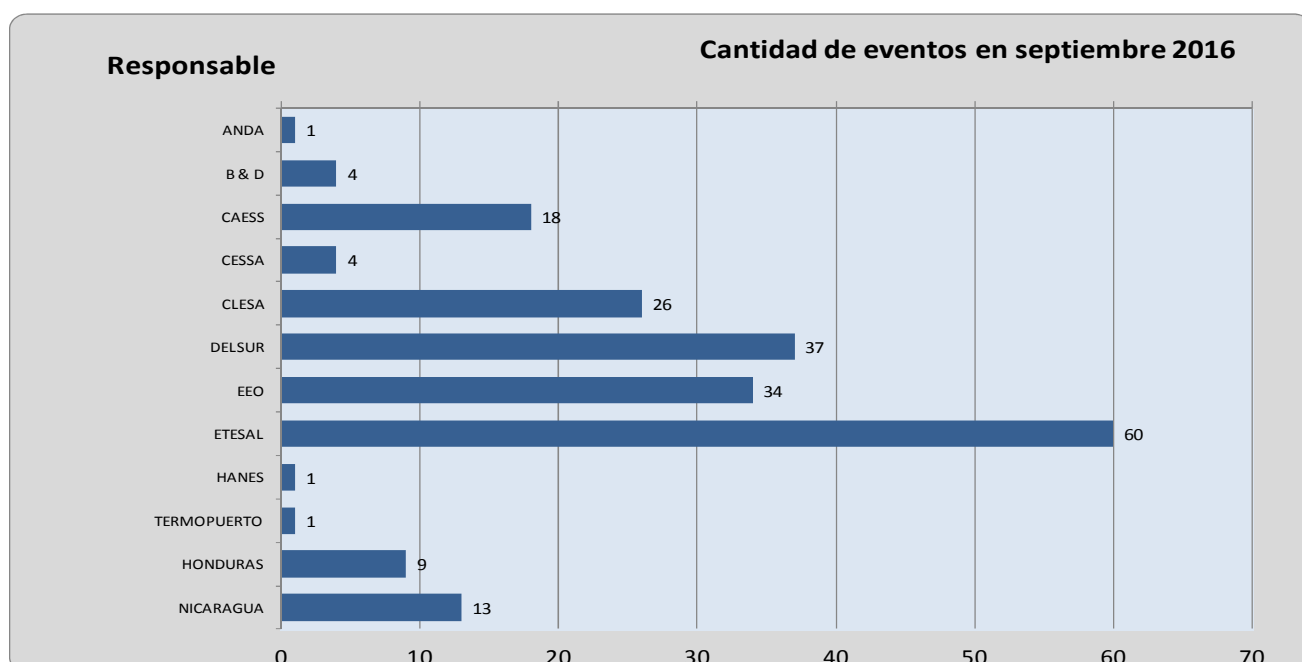
Eventos (interrupciones) asociados a circuitos de distribución por responsable

| | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|------------------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|----------|----------|----------|-------------|
| ABRUZZO | 1 | 1 | 2 | 1 | | 1 | | 2 | | | | | 8 |
| ANDA | 3 | 1 | 8 | 2 | 6 | 5 | 3 | 1 | 1 | | | | 30 |
| B&D | | 1 | 7 | 1 | | 2 | 2 | 2 | 4 | | | | 19 |
| CAESS | 5 | 11 | 11 | 14 | 11 | 14 | 18 | 15 | 18 | | | | 117 |
| CASSA | | | 3 | | 2 | | | | | | | | 5 |
| HOLCIM | | | 1 | 2 | 3 | 1 | 3 | | 4 | | | | 14 |
| CLESA | 10 | 23 | 31 | 16 | 24 | 43 | 28 | 23 | 26 | | | | 224 |
| DELSUR | 15 | 17 | 24 | 16 | 42 | 51 | 39 | 39 | 37 | | | | 280 |
| EEO | 13 | 16 | 8 | 28 | 23 | 34 | 74 | 39 | 34 | | | | 269 |
| DEUSEM | | 2 | | 2 | 2 | 6 | 8 | 9 | | | | | 29 |
| EDESAL | 1 | 2 | | | 6 | 3 | 9 | 5 | | | | | 26 |
| ETESAL | 11 | 7 | 13 | 17 | 42 | 11 | 11 | 1 | 23 | | | | 136 |
| HANES | 3 | 1 | 3 | 1 | | 2 | | 1 | 1 | | | | 12 |
| INGENIO CHAPARRASTIQUE | | | | | | | | | | | | | 0 |
| DUKE ENERGY | | | | | | | | | | | | | 0 |
| UT | | | | | | | | | | | | | 0 |
| GUATEMALA | | | | | | | | | | | | | 0 |
| HONDURAS | | | | | | | | | | 7 | | | 7 |
| NICARAGUA | | | | | | | | | | 12 | | | 12 |
| COSTA RICA | | | | | | | | | | | | | 0 |
| PANAMA | | | | | | | | 3 | | | | | 3 |
| EPR | | | | | | | | | | | | | 0 |
| TOTALES | 62 | 82 | 111 | 100 | 161 | 173 | 195 | 140 | 167 | 0 | 0 | 0 | 1191 |

Sistema de Transmisión

Consolidado de eventos por responsable correspondiente a interrupciones de líneas de transmisión y circuitos de distribución

| | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|------------------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|----------|----------|----------|-------------|
| ABRUZZO | 1 | 1 | 2 | 1 | | 1 | | 2 | | | | | 8 |
| ANDA | 3 | 1 | 8 | 2 | 6 | 5 | 3 | 1 | 1 | | | | 30 |
| B&D | | 1 | 7 | 1 | | 2 | 2 | 2 | 4 | | | | 19 |
| CAESS | 5 | 11 | 11 | 14 | 11 | 14 | 18 | 15 | 18 | | | | 117 |
| CASSA | | | 3 | | 2 | | | | | | | | 5 |
| CEL | | | | 1 | | | | | | | | | 1 |
| HOLCIM | | | 1 | 2 | 3 | 1 | 3 | | 4 | | | | 14 |
| CLESA | 10 | 23 | 31 | 16 | 24 | 43 | 28 | 23 | 26 | | | | 224 |
| DELSUR | 15 | 17 | 24 | 16 | 42 | 51 | 39 | 39 | 37 | | | | 280 |
| EEO | 13 | 16 | 8 | 28 | 23 | 34 | 74 | 39 | 34 | | | | 269 |
| DEUSEM | | 2 | | 2 | 2 | 6 | 8 | 9 | | | | | 29 |
| EDESAL | 1 | 2 | | | 6 | 3 | 9 | 5 | | | | | 26 |
| ETESAL | 26 | 17 | 26 | 35 | 66 | 38 | 45 | 27 | 60 | | | | 340 |
| NEJAPA POWER | | | | | | | | | | | | | 0 |
| HANES | 3 | 1 | 3 | 1 | | 2 | | 1 | 1 | | | | 12 |
| INGENIO CHAPARRASTIQUE | | | | | | 1 | | | | | | | 1 |
| INGENIO EL ANGEL | | | | | | 1 | | | | | | | 1 |
| UT | | | | | | | | | | | | | 0 |
| LAGEO | | | | | | | | | | | | | 0 |
| DUKE ENERGY | | | | | | | | | | | | | 0 |
| INE | | | | | | | | | | | | | 0 |
| TERMOPUERTO | | | | | | 1 | | | 1 | | | | 2 |
| GUATEMALA | 2 | 1 | | | | | | | | | | | 3 |
| HONDURAS | 1 | | | | 1 | | | | 9 | | | | 11 |
| NICARAGUA | | | | | | | | | 13 | | | | 13 |
| COSTA RICA | | | | | | | | | | | | | 0 |
| PANAMA | | | | | | | | 3 | | | | | 3 |
| EPR | 4 | 5 | 6 | | 3 | | 2 | | | | | | 20 |
| CHAPARRASTIQUE | | | | | | | | | | | | | 0 |
| TOTALES | 84 | 98 | 130 | 119 | 189 | 203 | 231 | 166 | 208 | 0 | 0 | 0 | 1428 |

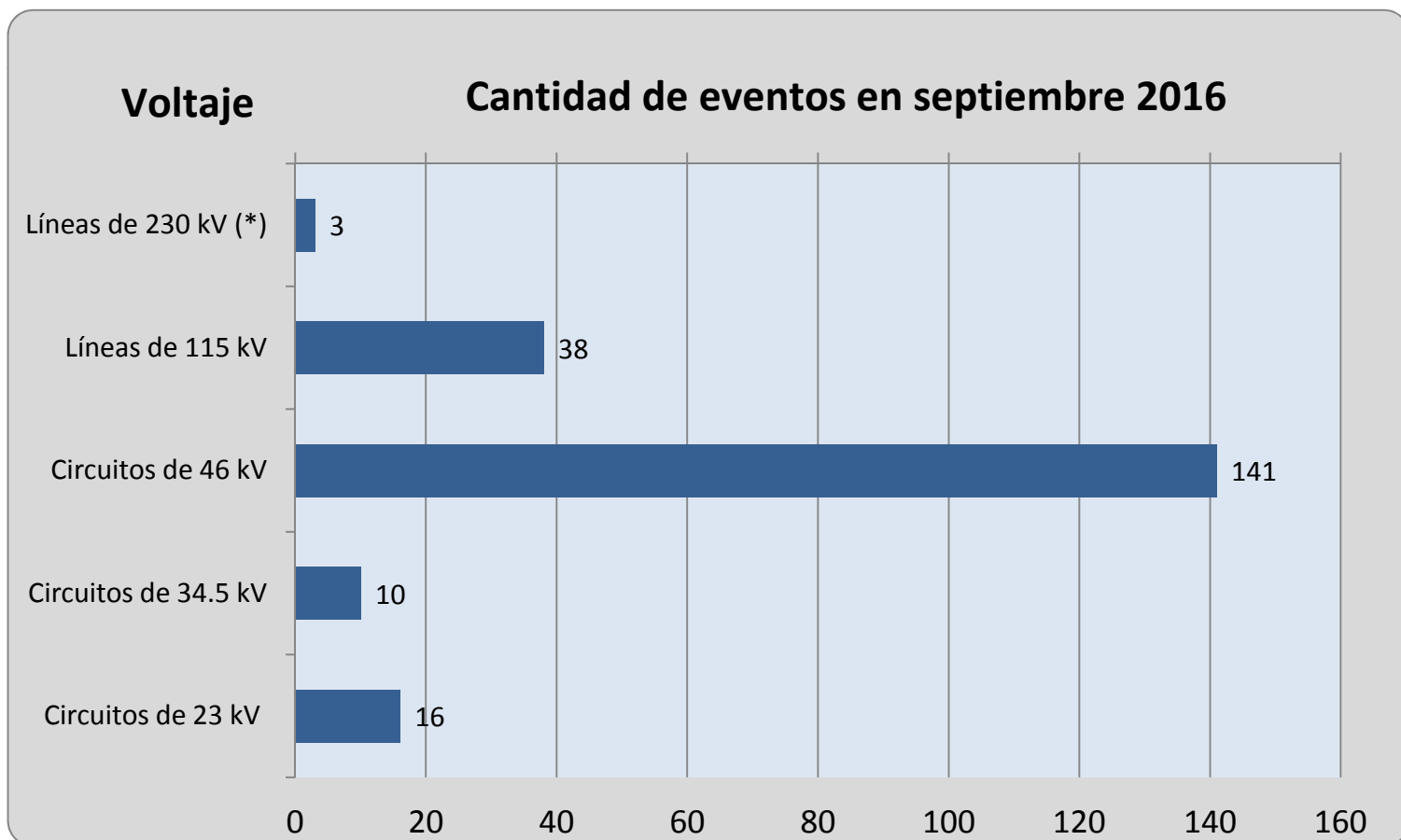


Sistema de Transmisión

Número de circuitos de distribución y líneas de transmisión interrumpidos por nivel de voltaje

| | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|----------------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|----------|----------|----------|-------------|
| Líneas de 230 kV(*) | 9 | 7 | 7 | 0 | 7 | 0 | 2 | 2 | 3 | | | | 37 |
| Líneas de 115 kV | 13 | 9 | 12 | 19 | 21 | 30 | 34 | 24 | 38 | | | | 200 |
| Circuitos de 46 kV | 45 | 67 | 72 | 76 | 151 | 150 | 163 | 125 | 141 | | | | 990 |
| Circuitos de 34.5 kV | 8 | 4 | 2 | 7 | 5 | 5 | 6 | 4 | 10 | | | | 51 |
| Circuitos de 23 kV | 9 | 11 | 37 | 17 | 5 | 18 | 26 | 11 | 16 | | | | 150 |
| TOTALES | 84 | 98 | 130 | 119 | 189 | 203 | 231 | 166 | 208 | 0 | 0 | 0 | 1428 |

(*) Incluye interconexiones con Guatemala y Honduras, SIEPAC y Refuerzos internos

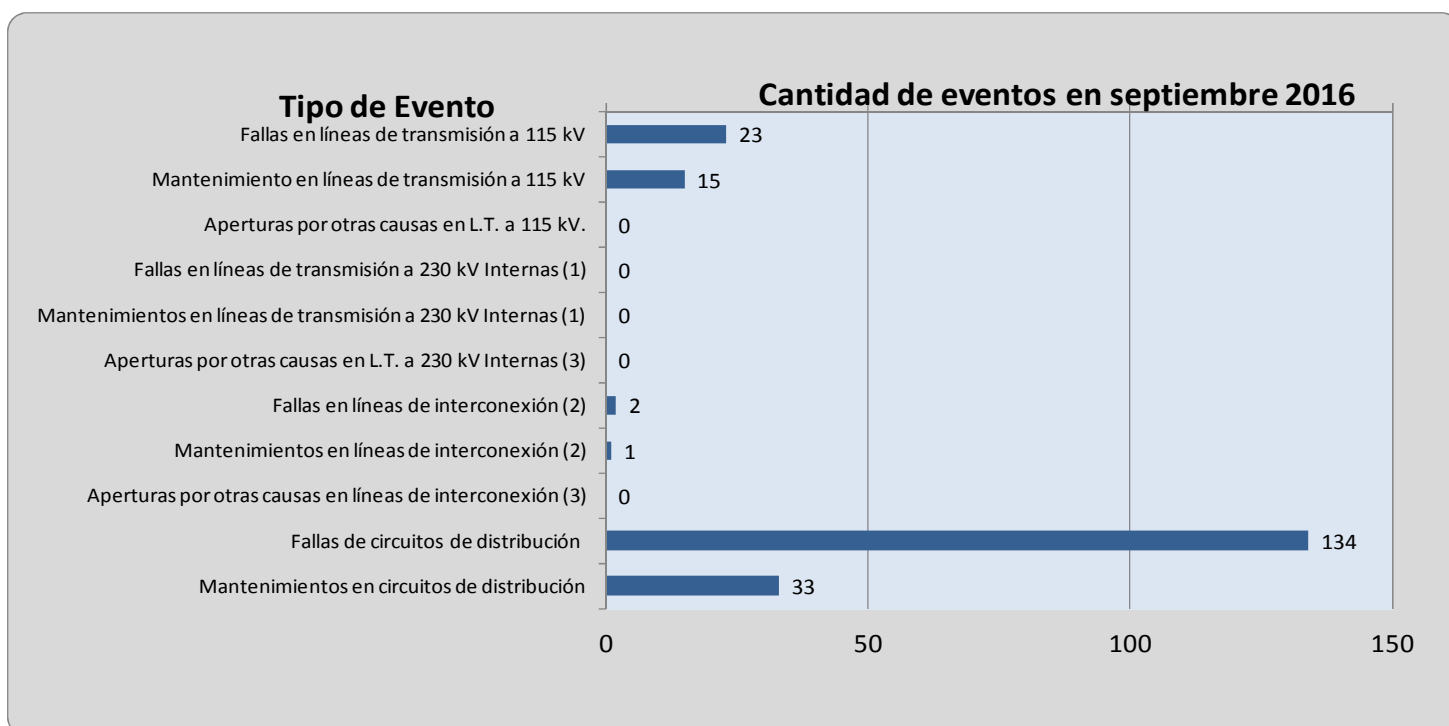


Sistema de Transmisión

Número de eventos de fallas, mantenimientos y otras causas en circuitos de distribución y líneas de transmisión

| TIPO DE INTERRUPCIONES | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|---|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|----------|----------|----------|-------------|
| Mantenimientos en Líneas de transmisión a 115 kV | 12 | 7 | 11 | 12 | 14 | 17 | 21 | 10 | 15 | | | | 119 |
| Fallas en Líneas de Transmisión a 115 kV | 1 | 2 | 1 | 7 | 6 | 12 | 13 | 14 | 23 | | | | 79 |
| Aperturas por Otras Causas en L.T. a 115 kV. | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | | | | 2 |
| Mantenimientos en Líneas de Transmisión a 230 kV Internas (1) | 2 | 1 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | | | | 8 |
| Fallas en Líneas de Transmisión a 230 kV Internas (1) | 0 | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | | | | 7 |
| Aperturas por otras causas en LT a 230 kV Internas (3) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 |
| Mantenimientos en Líneas de Interconexión (2) | 2 | 4 | 0 | 0 | 5 | 0 | 0 | 0 | 1 | | | | 12 |
| Fallas en Líneas de Interconexión (2) | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | | | | 9 |
| Operación del EDLI (2) | | | | | | | | | | | | | 0 |
| Aperturas por otras causas en Línea de Interconexión (3) | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 1 |
| Mantenimiento de Circuitos de Distribución | 21 | 26 | 34 | 41 | 57 | 50 | 60 | 36 | 33 | | | | 358 |
| Fallas en Circuitos de Distribución | 41 | 56 | 77 | 59 | 104 | 123 | 135 | 104 | 134 | | | | 833 |
| Totales | 84 | 98 | 130 | 119 | 189 | 203 | 231 | 166 | 208 | 0 | 0 | 0 | 1428 |

(1) Incluye SIEPAC y Refuerzos Internos a 230 kV; (2) Interconexiones con Guatemala y Honduras; (3) Típicamente por Control de Voltaje



Demanda Máxima de Potencia

| Demanda | Máxima | Nocturna | Mínima |
|---------|-----------------|-----------------|----------------|
| Ene | 967 | 929 | 417 |
| | 27-ene-16 14:30 | 6-ene-16 19:00 | 1-ene-16 6:30 |
| Feb | 1,008 | 924 | 463 |
| | 24-feb-16 14:30 | 24-feb-16 19:00 | 8-feb-16 3:30 |
| Mar | 1028 | 954 | 461 |
| | 29-mar-16 15:00 | 3-mar-16 19:00 | 25-mar-16 6:00 |
| Abr | 1073 | 981 | 516 |
| | 22-abr-16 14:30 | 25-abr-16 19:00 | 10-abr-16 6:00 |
| May | 1,093 | 975 | 514 |
| | 25-may-16 15:00 | 25-may-16 19:30 | 1-may-16 6:00 |
| Jun | 1,040 | 941 | 489 |
| | 30-jun-16 14:30 | 1-jun-16 19:00 | 13-jun-16 3:30 |
| Jul | 1,058 | 942 | 487 |
| | 7-jul-16 14:30 | 5-jul-16 19:30 | 24-jul-16 3:00 |
| Ago | 1,045 | 964 | 452 |
| | 25-ago-16 14:30 | 10-ago-16 19:00 | 6-ago-16 3:30 |
| Sep | 1,025 | 942 | 466 |
| | 29-sep-16 14:30 | 19-sep-16 19:00 | 5-sep-16 3:00 |
| Oct | | | |
| Nov | | | |
| Dic | | | |

Condición de Reserva

Reserva Rodante y Reserva Fría en Demanda Máxima (MW)
sep-2016

| Día | Cap. Disponible | Gen. Despachada | Demanda + Perdidas | Intercambio Neto (1) | Reserva Rodante | Reserva Fria |
|-----|-----------------|-----------------|--------------------|----------------------|-----------------|--------------|
| 1 | 1270 | 795 | 957 | 162 | 92 | 450 |
| 2 | 1220 | 773 | 940 | 167 | 117 | 394 |
| 3 | 1174 | 599 | 829 | 230 | 58 | 587 |
| 4 | 1171 | 717 | 800 | 83 | 51 | 471 |
| 5 | 1241 | 844 | 981 | 137 | 79 | 391 |
| 6 | 1246 | 767 | 951 | 184 | 70 | 424 |
| 7 | 1275 | 911 | 932 | 21 | 61 | 303 |
| 8 | 1276 | 881 | 1007 | 126 | 66 | 379 |
| 9 | 1276 | 834 | 990 | 156 | 167 | 325 |
| 10 | 1276 | 652 | 862 | 209 | 86 | 571 |
| 11 | 1263 | 705 | 810 | 106 | 74 | 534 |
| 12 | 1268 | 746 | 962 | 216 | 36 | 486 |
| 13 | 1263 | 763 | 964 | 201 | 60 | 489 |
| 14 | 1268 | 760 | 971 | 212 | 41 | 519 |
| 15 | 1266 | 724 | 797 | 74 | 51 | 491 |
| 16 | 1296 | 737 | 943 | 206 | 40 | 519 |
| 17 | 1294 | 819 | 834 | 15 | 64 | 412 |
| 18 | 1290 | 750 | 813 | 63 | 49 | 491 |
| 19 | 1282 | 808 | 1017 | 209 | 58 | 416 |
| 20 | 1282 | 777 | 996 | 219 | 62 | 442 |
| 21 | 1295 | 805 | 1008 | 203 | 69 | 421 |
| 22 | 1302 | 737 | 951 | 214 | 50 | 515 |
| 23 | 1306 | 726 | 940 | 214 | 62 | 518 |
| 24 | 1306 | 737 | 832 | 95 | 51 | 517 |
| 25 | 1307 | 744 | 822 | 78 | 78 | 485 |
| 26 | 1306 | 767 | 981 | 214 | 36 | 503 |
| 27 | 1307 | 767 | 975 | 208 | 54 | 485 |
| 28 | 1308 | 774 | 980 | 206 | 43 | 517 |
| 29 | 1327 | 818 | 1025 | 206 | 54 | 489 |
| 30 | 1325 | 781 | 985 | 204 | 57 | 521 |

(1) Valor positivo significa Importación

Precios de los Combustibles puestos en planta (US\$/bbi)

| Fecha | Equipo | | | | | | | | | | |
|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | ACAJ-BUNKER | ACAJ-DIESEL | BORE-BUNKER | CESSA-BUNKER | GCSA-BUNKER | HILC-BUNKER | NEPO-BUNKER | SOYA-BUNKER | TALN-BUNKER | TEXT-BUNKER | TPTO-BUNKER |
| 01/09/2016 | \$43.31 | \$78.79 | \$50.08 | \$47.75 | \$44.18 | \$77.53 | \$42.74 | \$45.63 | \$45.83 | \$43.93 | \$45.53 |
| 02/09/2016 | \$43.31 | \$78.79 | \$50.08 | \$47.75 | \$44.18 | \$77.53 | \$42.74 | \$45.63 | \$45.83 | \$43.93 | \$45.53 |
| 03/09/2016 | \$43.31 | \$78.79 | \$50.08 | \$47.75 | \$44.18 | \$77.53 | \$42.74 | \$45.63 | \$45.83 | \$43.93 | \$45.53 |
| 04/09/2016 | \$43.31 | \$78.79 | \$50.08 | \$47.75 | \$44.18 | \$77.53 | \$42.74 | \$45.63 | \$45.83 | \$43.93 | \$45.53 |
| 05/09/2016 | \$42.33 | \$78.79 | \$49.11 | \$46.75 | \$44.18 | \$77.53 | \$43.24 | \$44.34 | \$44.85 | \$44.27 | \$44.52 |
| 06/09/2016 | \$42.33 | \$78.79 | \$49.11 | \$46.75 | \$44.18 | \$77.53 | \$43.24 | \$44.34 | \$44.85 | \$44.27 | \$44.52 |
| 07/09/2016 | \$42.33 | \$78.79 | \$49.11 | \$46.75 | \$44.18 | \$77.53 | \$43.24 | \$44.34 | \$44.85 | \$44.27 | \$44.52 |
| 08/09/2016 | \$42.33 | \$78.79 | \$49.11 | \$46.75 | \$44.18 | \$77.53 | \$43.24 | \$44.34 | \$44.85 | \$44.27 | \$44.52 |
| 09/09/2016 | \$42.33 | \$78.79 | \$49.11 | \$46.75 | \$44.18 | \$77.53 | \$43.24 | \$44.34 | \$44.85 | \$44.27 | \$44.52 |
| 10/09/2016 | \$42.33 | \$78.79 | \$49.11 | \$46.75 | \$44.18 | \$77.53 | \$43.24 | \$44.34 | \$44.85 | \$44.27 | \$44.52 |
| 11/09/2016 | \$42.33 | \$78.79 | \$49.11 | \$46.75 | \$44.18 | \$77.53 | \$43.24 | \$44.34 | \$44.85 | \$44.27 | \$44.52 |
| 12/09/2016 | \$41.03 | \$78.79 | \$47.80 | \$45.44 | \$44.18 | \$77.53 | \$43.21 | \$43.03 | \$43.55 | \$44.65 | \$43.22 |
| 13/09/2016 | \$41.03 | \$78.79 | \$47.80 | \$45.44 | \$44.18 | \$77.53 | \$43.21 | \$43.03 | \$43.55 | \$44.65 | \$43.22 |
| 14/09/2016 | \$41.03 | \$78.79 | \$47.80 | \$45.44 | \$44.18 | \$77.53 | \$43.21 | \$43.03 | \$43.55 | \$44.65 | \$43.22 |
| 15/09/2016 | \$41.03 | \$78.79 | \$47.80 | \$45.44 | \$44.18 | \$77.53 | \$43.21 | \$43.03 | \$43.55 | \$44.65 | \$43.22 |
| 16/09/2016 | \$41.03 | \$78.79 | \$47.80 | \$45.44 | \$44.18 | \$77.53 | \$43.21 | \$43.03 | \$43.55 | \$44.65 | \$43.22 |
| 17/09/2016 | \$41.03 | \$78.79 | \$47.80 | \$45.44 | \$44.18 | \$77.53 | \$43.21 | \$43.03 | \$43.55 | \$44.65 | \$43.22 |
| 18/09/2016 | \$41.03 | \$78.79 | \$47.80 | \$45.44 | \$44.18 | \$77.53 | \$43.21 | \$43.03 | \$43.55 | \$44.65 | \$43.22 |
| 19/09/2016 | \$42.77 | \$78.79 | \$49.53 | \$47.21 | \$44.18 | \$77.53 | \$43.20 | \$44.77 | \$45.28 | \$44.52 | \$44.98 |
| 20/09/2016 | \$42.77 | \$78.79 | \$49.53 | \$47.21 | \$44.18 | \$77.53 | \$43.20 | \$44.77 | \$45.28 | \$44.52 | \$44.98 |
| 21/09/2016 | \$42.77 | \$78.79 | \$49.53 | \$47.21 | \$44.18 | \$77.53 | \$43.20 | \$44.77 | \$45.28 | \$44.52 | \$44.98 |
| 22/09/2016 | \$42.77 | \$78.79 | \$49.53 | \$47.21 | \$44.18 | \$77.53 | \$43.20 | \$44.77 | \$45.28 | \$44.52 | \$44.98 |
| 23/09/2016 | \$42.77 | \$78.79 | \$49.53 | \$47.21 | \$44.18 | \$77.53 | \$43.20 | \$44.77 | \$45.28 | \$44.52 | \$44.98 |
| 24/09/2016 | \$42.77 | \$78.79 | \$49.53 | \$47.21 | \$44.18 | \$77.53 | \$43.20 | \$44.77 | \$45.28 | \$44.52 | \$44.98 |
| 25/09/2016 | \$42.77 | \$78.79 | \$49.53 | \$47.21 | \$44.18 | \$77.53 | \$43.20 | \$44.77 | \$45.28 | \$44.52 | \$44.98 |
| 26/09/2016 | \$41.89 | \$78.79 | \$48.67 | \$46.33 | \$44.18 | \$77.53 | \$43.20 | \$43.81 | \$44.41 | \$44.48 | \$44.10 |
| 27/09/2016 | \$41.89 | \$78.79 | \$48.67 | \$46.33 | \$44.18 | \$77.53 | \$43.20 | \$43.81 | \$44.41 | \$44.48 | \$44.10 |
| 28/09/2016 | \$41.89 | \$78.79 | \$48.67 | \$46.33 | \$44.18 | \$77.53 | \$43.20 | \$43.81 | \$44.41 | \$44.48 | \$44.10 |
| 29/09/2016 | \$41.89 | \$78.79 | \$48.67 | \$46.33 | \$44.18 | \$77.53 | \$43.20 | \$43.81 | \$44.41 | \$44.48 | \$44.10 |
| 30/09/2016 | \$41.89 | \$78.79 | \$48.67 | \$46.33 | \$44.18 | \$77.53 | \$43.20 | \$43.81 | \$44.41 | \$44.48 | \$44.10 |
| Promedio mes | \$42.18 | \$78.79 | \$48.96 | \$46.61 | \$44.18 | \$77.53 | \$43.15 | \$44.22 | \$44.70 | \$44.41 | \$44.39 |

Niveles (msnm)

Niveles Promedio Diario (msnm)

Referenciados Hora 0

| Fecha | Guajoyo | Cerrón Grande | 5 de Noviembre | 15 de Septiembre |
|-----------------|---------------|---------------|----------------|------------------|
| 01/09/2016 | 421.79 | 234.82 | 178.86 | 47.64 |
| 02/09/2016 | 421.83 | 234.87 | 178.42 | 47.43 |
| 03/09/2016 | 421.85 | 234.85 | 177.84 | 47.61 |
| 04/09/2016 | 421.86 | 234.88 | 177.70 | 47.48 |
| 05/09/2016 | 421.87 | 234.91 | 177.21 | 46.92 |
| 06/09/2016 | 421.93 | 234.97 | 177.46 | 47.19 |
| 07/09/2016 | 421.98 | 235.17 | 177.80 | 47.73 |
| 08/09/2016 | 422.01 | 235.30 | 177.03 | 47.66 |
| 09/09/2016 | 422.04 | 235.29 | 177.14 | 46.67 |
| 10/09/2016 | 422.05 | 235.32 | 177.11 | 47.10 |
| 11/09/2016 | 422.06 | 235.40 | 177.31 | 46.92 |
| 12/09/2016 | 422.13 | 235.62 | 178.08 | 47.68 |
| 13/09/2016 | 422.18 | 235.89 | 177.95 | 47.48 |
| 14/09/2016 | 422.22 | 236.15 | 178.21 | 47.78 |
| 15/09/2016 | 422.26 | 236.29 | 177.31 | 47.59 |
| 16/09/2016 | 422.37 | 236.49 | 177.55 | 47.29 |
| 17/09/2016 | 422.49 | 236.68 | 178.13 | 47.64 |
| 18/09/2016 | 422.97 | 237.07 | 178.64 | 48.05 |
| 19/09/2016 | 423.05 | 237.40 | 178.71 | 48.13 |
| 20/09/2016 | 423.14 | 237.51 | 178.87 | 47.69 |
| 21/09/2016 | 423.20 | 237.57 | 178.86 | 47.10 |
| 22/09/2016 | 423.28 | 237.69 | 179.02 | 46.79 |
| 23/09/2016 | 423.32 | 238.00 | 179.38 | 47.56 |
| 24/09/2016 | 423.41 | 238.18 | 179.39 | 47.94 |
| 25/09/2016 | 423.47 | 238.33 | 179.21 | 46.96 |
| 26/09/2016 | 423.51 | 238.42 | 178.97 | 46.78 |
| 27/09/2016 | 423.53 | 238.47 | 179.11 | 47.26 |
| 28/09/2016 | 423.58 | 238.57 | 179.26 | 47.39 |
| 29/09/2016 | 423.61 | 238.65 | 178.66 | 47.02 |
| 30/09/2016 | 423.66 | 238.73 | 178.31 | 46.92 |
| Promedio | 422.62 | 236.58 | 178.25 | 47.38 |

Interrupciones del servicio

| Entrega | Fecha Inicio | Fecha Final | Duración (Horas) | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|------------------|-------------|-------------------------------|-------|--------|-------------|
| 32-4-82 | 01-sep-2016 | 01-sep-2016 | 0.0333 | 51 | Falla en Línea | 6.52 | 217.33 | CAESS |
| 50-4-83 | 01-sep-2016 | 04-sep-2016 | 80.6000 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | ETESAL |
| 39-4-82 | 01-sep-2016 | 01-sep-2016 | 0.0333 | 51, 59N | Falla en Línea | 3.47 | 115.67 | DELSUR |
| 11-4-81 | 01-sep-2016 | 01-sep-2016 | 0.0500 | 51, 59N | Falla en Línea | 6.02 | 301.00 | CLESA |
| 11-4-84 | 01-sep-2016 | 01-sep-2016 | 0.0500 | 59N | Falla en Línea | 2.10 | 105.00 | CESSA |
| 11-4-83 | 01-sep-2016 | 01-sep-2016 | 0.0667 | 59N | Falla por Terceros | 2.42 | 161.33 | CESSA |
| 18-4-84 | 02-sep-2016 | 02-sep-2016 | 0.0333 | MANUAL | Solicitud de Distribuidor | 1.38 | 46.00 | EEO |
| 45-2-82 | 02-sep-2016 | 02-sep-2016 | 0.0167 | 51 | Falla en Línea | 4.57 | 76.17 | B&D |
| 34-4-83 | 02-sep-2016 | 02-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 9.31 | 155.17 | EEO |
| 30-4-85 | 02-sep-2016 | 03-sep-2016 | 14.5833 | MANUAL | Solicitud de Distribuidor | 0.00 | 0.00 | DELSUR |
| 44-3-84 | 04-sep-2016 | 04-sep-2016 | 0.0333 | 51 | Falla en Línea | 0.00 | 0.00 | CLESA |
| 44-4-81 | 04-sep-2016 | 04-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 9.52 | 158.67 | DELSUR |
| 49-4-81 | 04-sep-2016 | 04-sep-2016 | 0.0167 | 51 | Falla en Línea | 5.32 | 88.67 | EEO |
| 18-4-83 | 04-sep-2016 | 04-sep-2016 | 0.0167 | 51 | Falla en Línea | 4.30 | 71.67 | EEO |
| 11-4-81 | 04-sep-2016 | 04-sep-2016 | 0.1833 | 51, 59N | Falla en Línea | 5.24 | 960.67 | CLESA |
| 35-4-85 | 04-sep-2016 | 04-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 8.69 | 144.83 | ANDA |
| 35-4-84 | 04-sep-2016 | 04-sep-2016 | 0.0167 | 51 | Falla en Línea | 0.90 | 15.00 | DELSUR |
| 44-3-84 | 04-sep-2016 | 04-sep-2016 | 0.0167 | 51 | Falla en Línea | 1.27 | 21.17 | CLESA |
| 45-2-82 | 05-sep-2016 | 05-sep-2016 | 0.0500 | 51 | Falla en Línea | 1.10 | 55.00 | B&D |
| 13-4-81 | 05-sep-2016 | 05-sep-2016 | 0.0667 | 81 | Falla en unidades generadoras | 7.27 | 484.67 | ENATREL |
| 34-4-85 | 05-sep-2016 | 05-sep-2016 | 0.0833 | 81 | Falla en unidades generadoras | 4.25 | 354.17 | ENATREL |
| 11-4-81 | 05-sep-2016 | 05-sep-2016 | 0.0667 | 81 | Falla en unidades generadoras | 5.35 | 356.67 | ENATREL |
| 34-4-85 | 05-sep-2016 | 05-sep-2016 | 0.0333 | 81 | Falla en unidades generadoras | 4.06 | 135.33 | ENATREL |
| 13-4-81 | 05-sep-2016 | 05-sep-2016 | 0.0333 | 81 | Falla en unidades generadoras | 7.40 | 246.67 | ENATREL |
| 11-4-81 | 05-sep-2016 | 05-sep-2016 | 0.0333 | 81 | Falla en unidades generadoras | 5.45 | 181.67 | ENATREL |
| 35-4-84 | 05-sep-2016 | 05-sep-2016 | 0.0333 | 51 | Falla en Línea | 0.65 | 21.67 | DELSUR |
| 13-4-81 | 05-sep-2016 | 05-sep-2016 | 0.0667 | 81 | Falla en unidades generadoras | 7.25 | 483.33 | ENATREL |
| 11-4-81 | 05-sep-2016 | 05-sep-2016 | 0.0667 | 81 | Falla en unidades generadoras | 5.35 | 356.67 | ENATREL |
| 34-4-85 | 05-sep-2016 | 05-sep-2016 | 0.0667 | 81 | Falla en unidades generadoras | 4.50 | 300.00 | ENATREL |
| 49-4-82 | 05-sep-2016 | 05-sep-2016 | 0.0167 | 51 | Falla en Línea | 11.35 | 189.17 | EEO |
| 34-4-83 | 05-sep-2016 | 05-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 12.17 | 202.83 | EEO |
| 16-4-81 | 05-sep-2016 | 05-sep-2016 | 0.0333 | 51 | Falla en Línea | 1.76 | 58.67 | CLESA |
| 34-4-83 | 06-sep-2016 | 06-sep-2016 | 0.0333 | 51NS, 59N | Falla en Línea | 6.02 | 200.67 | EEO |
| 39-4-82 | 06-sep-2016 | 06-sep-2016 | 0.0333 | 51 | Falla en Línea | 7.74 | 258.00 | DELSUR |
| 39-4-82 | 06-sep-2016 | 06-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 7.74 | 129.00 | DELSUR |
| 34-4-85 | 06-sep-2016 | 06-sep-2016 | 0.0333 | MANUAL | Solicitud de Distribuidor | 2.75 | 91.67 | EEO |
| 32-4-81 | 06-sep-2016 | 06-sep-2016 | 0.0167 | 51 | Falla en Línea | 5.42 | 90.33 | DELSUR |
| 32-4-81 | 06-sep-2016 | 06-sep-2016 | 0.0167 | 51 | Falla en Línea | 5.01 | 83.50 | DELSUR |
| 17-4-81 | 07-sep-2016 | 07-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 8.45 | 140.83 | CAESS |
| 30-4-84 | 07-sep-2016 | 07-sep-2016 | 9.7833 | MANUAL | Mantto. de Emergencia | 0.00 | 0.00 | DELSUR |
| 30-4-85 | 07-sep-2016 | 07-sep-2016 | 9.5000 | MANUAL | Mantto. de Emergencia | 0.00 | 0.00 | DELSUR |
| 16-4-81 | 08-sep-2016 | 08-sep-2016 | 0.0167 | 50, 51, 59N | Falla en Línea | 2.05 | 34.17 | CLESA |
| 13-3-84 | 08-sep-2016 | 08-sep-2016 | 0.0167 | 51 | Falla en Línea | 2.44 | 40.67 | CLESA |
| 37-2-85 | 08-sep-2016 | 09-sep-2016 | 7.7167 | 50 | Falla en Línea | 11.10 | 885.00 | DELSUR |

Interrupciones del servicio

| Entrega | Fecha Inicio | Fecha Final | Duración (Horas) | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|------------------|---------------|-------------------------------|-------|---------|-------------|
| 18-4-83 | 10-sep-2016 | 10-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 4.13 | 68.83 | EEO |
| 16-4-82 | 10-sep-2016 | 10-sep-2016 | 0.0167 | 59N | Falla en Línea | 1.01 | 16.83 | CLESA |
| 16-4-81 | 10-sep-2016 | 10-sep-2016 | 0.0167 | 59N | Falla por Terceros | 4.93 | 82.17 | CLESA |
| 13-4-81 | 11-sep-2016 | 11-sep-2016 | 0.2333 | 59N | Falla en Línea | 6.18 | 1442.00 | CLESA |
| 47-4-81 | 11-sep-2016 | 11-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 5.82 | 97.00 | DELSUR |
| 34-4-83 | 11-sep-2016 | 11-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 7.83 | 130.50 | EEO |
| 32-4-82 | 11-sep-2016 | 11-sep-2016 | 0.0167 | 51 | Falla en Línea | 7.59 | 126.50 | CAESS |
| 38-4-81 | 11-sep-2016 | 11-sep-2016 | 0.0333 | 51 | Falla en Línea | 6.10 | 203.33 | CAESS |
| 39-4-81 | 12-sep-2016 | 12-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 5.14 | 85.67 | DELSUR |
| 32-4-81 | 12-sep-2016 | 12-sep-2016 | 0.0167 | 51 | Falla en Línea | 5.22 | 87.00 | DELSUR |
| 32-4-81 | 13-sep-2016 | 13-sep-2016 | 0.0167 | 51 | Falla en Línea | 3.92 | 65.33 | DELSUR |
| 30-4-84 | 13-sep-2016 | 13-sep-2016 | 9.7500 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | DELSUR |
| 30-4-85 | 13-sep-2016 | 13-sep-2016 | 9.0667 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | DELSUR |
| 44-3-84 | 14-sep-2016 | 14-sep-2016 | 0.0167 | 51 | Falla en Línea | 1.41 | 23.50 | CLESA |
| 44-4-80 | 14-sep-2016 | 14-sep-2016 | 0.0333 | 51, 59N | Falla en Línea | 16.29 | 543.00 | CLESA |
| 34-4-83 | 14-sep-2016 | 14-sep-2016 | 0.0333 | 51, 59N | Falla en Línea | 9.80 | 326.67 | EEO |
| 42-2-83 | 14-sep-2016 | 15-sep-2016 | 3.6000 | 51, 59N | Falla en Línea | 0.12 | 432.00 | DELSUR |
| 17-4-81 | 14-sep-2016 | 14-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 10.43 | 173.83 | CAESS |
| 49-4-82 | 15-sep-2016 | 15-sep-2016 | 0.0333 | 51 | Falla en Línea | 11.67 | 389.00 | EEO |
| 45-2-82 | 15-sep-2016 | 15-sep-2016 | 0.9333 | MANUAL | Mantto. de Emergencia | 0.74 | 690.67 | B&D |
| 11-4-84 | 15-sep-2016 | 15-sep-2016 | 11.7000 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | CESSA |
| 32-4-82 | 15-sep-2016 | 15-sep-2016 | 0.0167 | 51 | Falla en Línea | 7.59 | 126.50 | CAESS |
| 30-2-83 | 15-sep-2016 | 15-sep-2016 | 0.0167 | 51, 87L | Falla en Línea | 13.25 | 220.83 | CAESS |
| 49-4-82 | 15-sep-2016 | 15-sep-2016 | 0.0167 | 51 | Falla en Línea | 11.60 | 193.33 | EEO |
| 34-4-85 | 16-sep-2016 | 16-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 2.81 | 46.83 | EEO |
| 34-4-84 | 16-sep-2016 | 16-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 3.74 | 62.33 | EEO |
| 32-4-82 | 16-sep-2016 | 16-sep-2016 | 0.0167 | 51 | Falla en Línea | 8.73 | 145.50 | CAESS |
| 32-4-82 | 16-sep-2016 | 16-sep-2016 | 0.0167 | 51 | Falla en Línea | 10.22 | 170.33 | CAESS |
| 39-4-81 | 16-sep-2016 | 16-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 9.04 | 150.67 | DELSUR |
| 34-4-85 | 16-sep-2016 | 16-sep-2016 | 0.0333 | 51NS, 59N | Falla en Línea | 4.07 | 135.67 | EEO |
| 38-4-81 | 16-sep-2016 | 16-sep-2016 | 0.0333 | 51, 59N | Falla en Línea | 6.67 | 222.33 | CAESS |
| 35-4-84 | 16-sep-2016 | 16-sep-2016 | 0.0333 | 51, 59N | Falla en Línea | 1.03 | 34.33 | DELSUR |
| 49-4-81 | 16-sep-2016 | 16-sep-2016 | 0.0333 | 50 | Falla en Línea | 6.45 | 215.00 | EEO |
| 35-4-83 | 16-sep-2016 | 16-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 10.12 | 168.67 | CLESA |
| 32-4-82 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 51 | Falla en Línea | 6.10 | 101.67 | CAESS |
| 18-4-83 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 51, 51NS, 59N | Falla en Línea | 3.31 | 55.17 | EEO |
| 11-4-81 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 81 | Falla en unidades generadoras | 4.94 | 82.33 | ENATREL |
| 34-4-85 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 81 | Falla en unidades generadoras | 4.63 | 77.17 | ENATREL |
| 13-4-81 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 81 | Falla en unidades generadoras | 7.40 | 123.33 | ENATREL |
| 49-4-82 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 51 | Falla en Línea | 15.53 | 258.83 | EEO |
| 16-4-81 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 59N | Falla por Terceros | 5.03 | 83.83 | CLESA |
| 16-4-82 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 59N | Falla en Línea | 12.82 | 213.67 | CLESA |
| 49-4-82 | 17-sep-2016 | 17-sep-2016 | 0.0333 | 51 | Falla en Línea | 14.28 | 476.00 | EEO |
| 34-4-83 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 9.99 | 166.50 | EEO |

Interrupciones del servicio

| Entrega | Fecha Inicio | Fecha Final | Duración (Horas) | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|------------------|-------------|-------------------------------|-------|----------|-------------|
| 34-4-83 | 17-sep-2016 | 17-sep-2016 | 0.0333 | 51, 59N | Falla en Línea | 9.00 | 300.00 | EEO |
| 32-4-81 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 51 | Falla en Línea | 5.11 | 85.17 | DELSUR |
| 42-2-83 | 17-sep-2016 | 18-sep-2016 | 1.5333 | 51, 59N | Falla en Línea | 0.11 | 168.67 | DELSUR |
| 13-3-81 | 17-sep-2016 | 17-sep-2016 | 0.0167 | 51 | Falla en Línea | 0.00 | 0.00 | CLESA |
| 11-4-84 | 18-sep-2016 | 18-sep-2016 | 10.5000 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | CESSA |
| 32-4-82 | 18-sep-2016 | 18-sep-2016 | 0.0333 | 51 | Falla en Línea | 7.13 | 237.67 | CAESS |
| 17-4-81 | 18-sep-2016 | 18-sep-2016 | 6.9167 | MANUAL | Mantenimiento Programado | 10.54 | 85080.00 | ETESAL |
| 11-4-81 | 18-sep-2016 | 18-sep-2016 | 0.1333 | 81 | Falla en unidades generadoras | 4.28 | 570.67 | ENEE |
| 34-4-82 | 18-sep-2016 | 18-sep-2016 | 0.3500 | 81 | Falla en unidades generadoras | 6.00 | 2100.00 | ENEE |
| 40-4-82 | 18-sep-2016 | 18-sep-2016 | 0.5000 | 81 | Falla en unidades generadoras | 4.35 | 2175.00 | ENEE |
| 34-4-85 | 18-sep-2016 | 18-sep-2016 | 0.1167 | 81 | Falla en unidades generadoras | 4.00 | 466.67 | ENEE |
| 13-4-81 | 18-sep-2016 | 18-sep-2016 | 0.1833 | 81 | Falla en unidades generadoras | 7.16 | 1312.67 | ENEE |
| 34-4-83 | 18-sep-2016 | 18-sep-2016 | 0.3333 | 81 | Falla en unidades generadoras | 7.95 | 2650.00 | ENEE |
| 13-3-81 | 18-sep-2016 | 18-sep-2016 | 0.3167 | 81 | Falla en unidades generadoras | 0.00 | 0.00 | ENEE |
| 18-4-84 | 18-sep-2016 | 18-sep-2016 | 0.0167 | MANUAL | Solicitud de Distribuidor | 2.52 | 42.00 | EEO |
| 47-4-81 | 19-sep-2016 | 19-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 9.18 | 153.00 | DELSUR |
| 34-4-85 | 19-sep-2016 | 19-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 4.38 | 73.00 | EEO |
| 34-4-84 | 19-sep-2016 | 19-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 5.94 | 99.00 | EEO |
| 44-3-84 | 20-sep-2016 | 20-sep-2016 | 0.0333 | 51 | Falla en Línea | 0.87 | 29.00 | CLESA |
| 30-4-84 | 20-sep-2016 | 20-sep-2016 | 10.6167 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | DELSUR |
| 30-4-85 | 20-sep-2016 | 20-sep-2016 | 9.9167 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | DELSUR |
| 34-4-84 | 20-sep-2016 | 20-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 7.14 | 119.00 | EEO |
| 34-4-84 | 20-sep-2016 | 20-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 6.69 | 111.50 | EEO |
| 34-4-85 | 21-sep-2016 | 21-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 4.44 | 74.00 | EEO |
| 30-4-85 | 21-sep-2016 | 21-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 3.31 | 55.17 | DELSUR |
| 42-2-81 | 21-sep-2016 | 21-sep-2016 | 0.0667 | MANUAL | Cero Voltaje | 37.88 | 11385.00 | ETESAL |
| 42-2-85 | 21-sep-2016 | 21-sep-2016 | 0.5500 | MANUAL | Cero Voltaje | 6.97 | 116.17 | ETESAL |
| 42-2-83 | 21-sep-2016 | 21-sep-2016 | 0.3167 | MANUAL | Cero Voltaje | 0.18 | 54.00 | ETESAL |
| 42-2-82 | 21-sep-2016 | 21-sep-2016 | 0.0667 | MANUAL | Cero Voltaje | 39.40 | 11385.00 | ETESAL |
| 42-2-84 | 21-sep-2016 | 21-sep-2016 | 0.1000 | MANUAL | Cero Voltaje | 2.01 | 201.00 | ETESAL |
| 35-4-83 | 21-sep-2016 | 21-sep-2016 | 0.0333 | 51, 59N | Falla en Línea | 11.09 | 369.67 | CLESA |
| 38-4-81 | 21-sep-2016 | 21-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 6.49 | 108.17 | CAESS |
| 34-4-84 | 21-sep-2016 | 21-sep-2016 | 0.0333 | 51NS, 59N | Falla en Línea | 5.38 | 179.33 | EEO |
| 49-4-81 | 21-sep-2016 | 21-sep-2016 | 0.0833 | MANUAL | Cero Voltaje | 6.66 | 111.00 | ETESAL |
| 49-4-82 | 21-sep-2016 | 21-sep-2016 | 0.0833 | MANUAL | Cero Voltaje | 13.11 | 1092.50 | ETESAL |
| 34-4-81 | 22-sep-2016 | 22-sep-2016 | 0.0333 | 51 | Falla en Línea | 15.90 | 530.00 | EEO |
| 18-4-84 | 22-sep-2016 | 22-sep-2016 | 0.0333 | MANUAL | Solicitud de Distribuidor | 2.17 | 72.33 | EEO |
| 44-3-84 | 22-sep-2016 | 22-sep-2016 | 0.0167 | 51 | Falla en Línea | 1.06 | 17.67 | CLESA |
| 47-4-82 | 23-sep-2016 | 23-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 3.56 | 59.33 | DELSUR |
| 16-4-81 | 23-sep-2016 | 23-sep-2016 | 0.0167 | 50, 51, 59N | Falla en Línea | 4.34 | 72.33 | CLESA |
| 34-4-84 | 23-sep-2016 | 23-sep-2016 | 0.0167 | 51NS, 59N | Falla en Línea | 6.58 | 109.67 | EEO |
| 16-4-81 | 24-sep-2016 | 24-sep-2016 | 0.0167 | 50, 51, 59N | Falla en Línea | 0.41 | 6.83 | CLESA |
| 38-4-81 | 25-sep-2016 | 25-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 4.38 | 73.00 | CAESS |
| 38-4-84 | 25-sep-2016 | 25-sep-2016 | 0.0167 | 59N | Falla en Línea | 0.00 | 0.00 | DELSUR |

Interrupciones del servicio

| Entrega | Fecha Inicio | Fecha Final | Duración (Horas) | Rele | Motivo | MW | KWh | Responsable |
|---------|--------------|-------------|------------------|----------------|---------------------------|-------|-----------|-------------|
| 40-4-81 | 25-sep-2016 | 25-sep-2016 | 0.0333 | MANUAL | Mantenimiento Programado | 8.41 | 280.33 | ETESAL |
| 34-4-85 | 25-sep-2016 | 25-sep-2016 | 13.9500 | MANUAL | Mantenimiento Programado | 3.00 | 100.00 | ETESAL |
| 49-4-81 | 25-sep-2016 | 25-sep-2016 | 8.7167 | MANUAL | Mantenimiento Programado | 4.55 | 52242.50 | EEO, ETESAL |
| 49-4-82 | 25-sep-2016 | 25-sep-2016 | 8.7167 | MANUAL | Mantenimiento Programado | 11.79 | 125420.00 | EEO, ETESAL |
| 34-4-86 | 25-sep-2016 | 25-sep-2016 | 8.7000 | MANUAL | Mantenimiento Programado | 3.35 | 24722.50 | EEO, ETESAL |
| 34-4-83 | 25-sep-2016 | 25-sep-2016 | 8.6833 | MANUAL | Mantenimiento Programado | 6.73 | 68745.00 | EEO, ETESAL |
| 34-4-82 | 25-sep-2016 | 25-sep-2016 | 8.6833 | MANUAL | Mantenimiento Programado | 5.53 | 51895.00 | EEO, ETESAL |
| 34-4-81 | 25-sep-2016 | 25-sep-2016 | 8.7000 | MANUAL | Mantenimiento Programado | 8.36 | 89152.50 | EEO, ETESAL |
| 34-4-84 | 25-sep-2016 | 25-sep-2016 | 8.6833 | MANUAL | Mantenimiento Programado | 4.33 | 48897.50 | EEO, ETESAL |
| 38-4-84 | 25-sep-2016 | 25-sep-2016 | 13.7167 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | ETESAL |
| 46-4-81 | 25-sep-2016 | 25-sep-2016 | 0.8500 | 59N | Falla en Subestaciones | 23.75 | 11921.00 | ETESAL |
| 46-4-82 | 25-sep-2016 | 25-sep-2016 | 1.2833 | 59N | Falla en Subestaciones | 9.62 | 0.00 | ETESAL |
| 40-4-81 | 25-sep-2016 | 25-sep-2016 | 0.0167 | MANUAL | Mantenimiento Programado | 14.97 | 249.50 | ETESAL |
| 49-4-82 | 25-sep-2016 | 25-sep-2016 | 0.0167 | MANUAL | Solicitud de Distribuidor | 12.33 | 205.50 | EEO |
| 13-4-81 | 26-sep-2016 | 26-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 6.09 | 101.50 | CLESA |
| 13-4-81 | 26-sep-2016 | 26-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 6.99 | 116.50 | CLESA |
| 30-4-84 | 26-sep-2016 | 26-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 7.77 | 129.50 | DELSUR |
| 16-4-81 | 26-sep-2016 | 26-sep-2016 | 0.0167 | 50, 51, 59N | Falla en Línea | 2.58 | 43.00 | CLESA |
| 44-4-81 | 26-sep-2016 | 26-sep-2016 | 0.0500 | 51 | Falla en Línea | 8.81 | 881.00 | DELSUR |
| 45-2-82 | 26-sep-2016 | 26-sep-2016 | 0.1167 | MANUAL | Solicitud de Distribuidor | 2.48 | 289.33 | B&D |
| 46-4-82 | 26-sep-2016 | 26-sep-2016 | 1.1500 | 51, 51NS, 59N | Falla en Línea | 10.61 | 353.67 | CAESS |
| 18-4-84 | 27-sep-2016 | 27-sep-2016 | 0.0333 | MANUAL | Solicitud de Distribuidor | 2.99 | 99.67 | EEO |
| 35-4-84 | 27-sep-2016 | 28-sep-2016 | 23.9833 | MANUAL | Mantenimiento Programado | 1.58 | 0.00 | DELSUR |
| 42-2-83 | 28-sep-2016 | 28-sep-2016 | 0.6000 | 51, 59N | Falla en Línea | 0.12 | 72.00 | DELSUR |
| 38-4-81 | 29-sep-2016 | 29-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 4.42 | 73.67 | CAESS |
| 50-4-83 | 29-sep-2016 | 02-oct-2016 | 81.2500 | MANUAL | Mantenimiento Programado | 0.00 | 0.00 | ETESAL |
| 42-2-83 | 29-sep-2016 | 29-sep-2016 | 0.3500 | MANUAL | Mantto. de Emergencia | 0.22 | 77.00 | DELSUR |
| 42-2-85 | 29-sep-2016 | 29-sep-2016 | 0.0333 | 51 | Falla en Línea | 10.64 | 354.67 | CAESS |
| 17-4-81 | 29-sep-2016 | 29-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 13.13 | 218.83 | CAESS |
| 38-4-83 | 29-sep-2016 | 29-sep-2016 | 0.0167 | 51, 59N | Falla en Línea | 8.95 | 149.17 | HANES |
| 44-4-86 | 29-sep-2016 | 29-sep-2016 | 0.0333 | 59N, NO INDICO | Falla en Línea | 5.28 | 176.00 | DELSUR |
| 13-3-84 | 29-sep-2016 | 29-sep-2016 | 0.0167 | 51 | Falla en Línea | 1.80 | 30.00 | CLESA |
| 13-3-84 | 29-sep-2016 | 29-sep-2016 | 0.0167 | 51 | Falla en Línea | 1.80 | 30.00 | CLESA |
| 39-4-82 | 30-sep-2016 | 30-sep-2016 | 0.0333 | 51NS, 59N | Falla en Línea | 8.99 | 299.67 | DELSUR |
| 39-4-81 | 30-sep-2016 | 30-sep-2016 | 0.0333 | 51NS, 59N | Falla en Línea | 9.46 | 315.33 | DELSUR |

PROGRAMA ANUAL DE MANTENIMIENTOS MAYORES (PAMM)

SEMANA 20 DE 2016 - SEMANA 19 DE 2017

| | | PLANTA/UNIDAD | PROGRAMADO | DURACIÓN | REPROGRAMADO | DURACIÓN | EJECUTADO | DURACIÓN | MOTIVO | | | |
|-----------------|-----------------|-------------------------------|-----------------|----------------------------|-----------------|--|-----------|--|---|--|--|-------------------------------|
| CEL | GUAJOYO | UNIDAD 1 | 17-abr-17 | 06-may-17 | 20 días | | | | Mantenimiento mayor de equipo generador | | | |
| | | CERRON GRANDE | | | | | | | | | | |
| | | UNIDAD 1 | 04-jun-16 | 25-jun-16 | 22 días | | | 04-jun-16 | 27-jun-16 | 24 días | Mantenimiento mayor de unidad generadora | |
| | | UNIDAD 2 | 01-jul-16 | 05-jul-16 | 5 días | | | 01-jul-16 | 05-jul-16 | 5 días | Inspección del rodete de la turbina | |
| | | 5 DE NOVIEMBRE | | | | | | | | | | |
| | | UNIDAD 1 | 16-ene-17 | 31-ene-17 | 16 días | | | | | Mantenimiento mayor de unidad generadora | | |
| | | UNIDAD 3 | 13-mar-17 | 28-mar-17 | 16 días | | | | | Mantenimiento mayor de unidad generadora | | |
| | | UNIDADES 1 A 5 | 02-abr-17 08:00 | 02-abr-17 14:59 | 7 horas | | | | | Cero voltaje en 5NOV por trabajo de ETESAL | | |
| | | UNIDAD 4 | 03-abr-17 | 12-abr-17 | 10 días | | | | | Inspección del generador | | |
| | | 15 DE SEPTIEMBRE | | | | | | | | | | |
| LAGEO | AHUACHAPAN | UNIDAD 1 | 17-jul-16 11:00 | 17-jul-16 18:59 | 8 horas | | | 17-jul-16 11:00 | 17-jul-16 18:59 | 8 horas | Cero voltaje en AHUA por trabajo de ETESAL | |
| | | UNIDAD 2 y 3 | 17-jul-16 08:00 | 17-jul-16 13:59 | 8 horas | | | 17-jul-16 08:00 | 17-jul-16 13:59 | 8 horas | Cero voltaje en AHUA por trabajo de ETESAL | |
| | | UNIDAD 3 | 18-sep-16 08:00 | 16-oct-16 15:59 | 28 días | | | | | Mantenimiento mayor | | |
| | | BERLIN | | | | | | | | | | |
| | | UNIDAD 3 | 22-ago-16 | 15-sep-16 | 25 días | 03-oct-16 | 27-oct-16 | 25 días | 03-oct-16 | | Mantenimiento mayor | |
| | | UNIDAD 4 | 17-oct-16 | 06-nov-16 | 21 días | | | | | Mantenimiento mayor | | |
| | | UNIDAD 1 | 17-oct-16 | 06-nov-16 | 21 días | | | | | Mantenimiento mayor | | |
| | | UNIDAD 2 | 28-oct-16 00:00 | 30-oct-16 20:59 | 30 horas | | | | | Mantenimiento en subestación | | |
| | | UNIDAD 2 | 28-oct-16 00:00 | 30-oct-16 20:59 | 30 horas | | | | | Mantenimiento en subestación | | |
| | | UNIDAD 2 | 30-oct-16 00:00 | 30-oct-16 17:59 | 18 horas | | | | | Mantenimiento en subestación | | |
| DUKE ENERGY | ACAJUTLA | MOTOR 2 | 09-may-16 | 02-jun-16 | 25 días | 19-oct-16 | 12-nov-16 | 25 días | | Mantenimiento de 84,000 horas | | |
| | | MOTOR 1 | 13-jul-16 | 16-ago-16 | 35 días | 29-ago-16 | 02-oct-16 | 35 días | 29-ago-16 | 01-oct-16 | 33 días | Mantenimiento de 96,000 horas |
| | | MOTOR 3 | 31-ago-16 | 04-oct-16 | 36 días | 03-may-16 | 02-jun-16 | 25 días | 09-may-16 | 01-jun-16 | 24 días | Mantenimiento de 96,000 horas |
| | | UNIDAD 1 | 28-sep-16 | 31-oct-16 | 36 días | | | | | | Mantenimiento mayor | |
| | | MOTOR 8 | 19-oct-16 | 12-nov-16 | 25 días | 13-jul-16 | 06-ago-16 | 25 días | 13-jul-16 | 03-ago-16 | 22 días | Mantenimiento de 84,000 horas |
| | | MOTORES 1 a 9 U1, U2, U4 y U5 | 04-dic-16 06:00 | 04-dic-16 15:59 | 10 horas | | | | | | Cero voltaje en ACAJ por trabajos de ETESAL | |
| | | MOTORES 1 a 9 U1, U2, U4 y U5 | 11-dic-16 06:00 | 11-dic-16 15:59 | 10 horas | | | | | | Cero voltaje en ACAJ por trabajos de ETESAL | |
| | | UNIDAD 5 | 09-nov-16 | 08-dic-16 | 30 días | | | | | | Mantenimiento mayor | |
| | | UNIDADES 1 Y 2 | 15-ene-17 08:00 | 15-ene-17 14:59 | 7 horas | | | | | | Cero voltaje en ACAJ por trabajos de ETESAL | |
| | | UNIDAD 2 | 30-ene-17 | 30-abr-17 | 91 días | | | | | | Mantenimiento mayor | |
| CENTROGICA | SOYAPANGO | MOTORES 1 A 3 | 05-jun-16 08:00 | 05-jun-16 15:59 | 8 horas | Será reprogramado por ETESAL | | | | Cero voltaje en barra de 23kV de SOYA por trabajos de ETESAL | | |
| | | MOTOR 3 | 15-oct-16 00:00 | 12-nov-16 23:59 | 29 días | | | | | Mantenimiento de 32,000 horas | | |
| | | MOTORES 1 A 3 | 04-dic-16 08:00 | 04-dic-16 13:59 | 6 horas | | | | | Cero voltaje en barra de 23kV de SOYA por trabajos de ETESAL | | |
| | | NEJAPA POWER | | | | | | | | | | |
| | | MOTOR 25 | 16-may-16 | 05-jun-16 | 21 días | Será reprogramado por NEPO | | | | Mantenimiento mayor de motor y generador | | |
| | | MOTOR 9 | 16-may-16 | 05-jun-16 | 21 días | | | 16-may-16 | 03-jun-16 | 19 días | Reemplazo de motor de motor y generador | |
| | | MOTORES 9 A 17 | 23-jul-16 07:00 | 24-jul-16 23:59 | 41 horas | | | 23-jul-16 07:00 | 24-jul-16 15:57 | 1 día | Reemplazo de transformador de tierra de fase 1 (47.7 MW indisponibles) | |
| | | MOTOR 11 | 19-jul-16 | 07-ago-16 | 21 días | Será reprogramado por NEPO | | | | Mantenimiento mayor de motor y generador | | |
| | | MOTOR 24 | 19-jul-16 | 07-ago-16 | 21 días | | | 19-jul-16 | 29-jul-16 | 10 días | Mantenimiento mayor de motor y generador | |
| | | MOTOR 2 | 08-ago-16 | 28-ago-16 | 21 días | 05-dic-16 | 25-dic-16 | 21 días | | | Mantenimiento mayor de motor y generador | |
| MOTOR 21 | 08-ago-16 | 28-ago-16 | 21 días | 19-sep-16 | 9-oct-2016 | 21 días | 19-sep-16 | 04-oct-16 | 16 días | Mantenimiento mayor de motor y generador | | |
| MOTOR 20 | 29-ago-16 | 11-sep-16 | 14 días | Será reprogramado por NEPO | | | | Mantenimiento mayor de motor y generador | | | | |
| MOTOR 14 | 12-sep-16 | 02-oct-16 | 21 días | Será reprogramado por NEPO | | | | Mantenimiento mayor de motor y generador | | | | |
| MOTOR 7 | 03-oct-16 | 23-oct-16 | 21 días | 29-ago-16 | 18-sep-16 | 21 días | 29-ago-16 | 10-sep-16 | 19 días | Mantenimiento mayor de motor y generador | | |
| MOTOR 13 | 24-oct-16 | 13-nov-16 | 21 días | Será reprogramado por NEPO | | | | Mantenimiento mayor de motor y generador | | | | |
| MOTOR 13 | 24-oct-16 | 13-nov-16 | 21 días | 10-oct-16 | 30-oct-16 | 21 días | | | Mantenimiento mayor de motor y generador | | | |
| MOTOR 6 | 24-oct-16 | 13-nov-16 | 21 días | Será reprogramado por NEPO | | | | Mantenimiento mayor de motor y generador | | | | |
| MOTOR 18 | 14-nov-16 | 04-dic-16 | 21 días | 08-ago-16 | 28-sep-16 | 21 días | 08-ago-16 | 20-sep-16 | 13 días | Mantenimiento mayor de motor y generador | | |
| MOTOR 5 | 14-nov-16 | 04-dic-16 | 21 días | | | | | | Mantenimiento mayor de motor y generador | | | |
| MOTORES 1 A 17 | 30-nov-16 | 31-ene-17 | 63 días | | | | | | Reemplazo de láminas de tanque diario Fase 1 (80.1 MW indisponibles) | | | |
| MOTOR 1 | 05-dic-16 | 25-dic-16 | 21 días | | | | | | Mantenimiento mayor de motor y generador | | | |
| MOTOR 26 | 05-dic-16 | 25-dic-16 | 21 días | | | | | | Mantenimiento mayor de motor y generador | | | |
| MOTORES 18 A 27 | 14-ene-17 05:00 | 15-ene-17 16:59 | 36 horas | | | | | | Cambio de cables de 13.8 kV de transformador 115/13.8 kV T04 y mantenimiento a subestación fase 2 (53 MW indisponibles) | | | |
| NEPO PLANTA | 15-ene-17 05:00 | 15-ene-17 16:59 | 12 horas | | | | | | Mantenimiento en subestación | | | |
| INE | TALNIQUE | MOTOR 5 | 14-may-16 | 03-jun-16 | 21 días | 22-oct-16 | 11-nov-16 | 21 días | INE realizó el manto durante restricción de generación por falta de TIG | Mantenimiento mayor de 48,000 horas | | |
| | | MOTOR 8 | 02-jul-16 | 22-jul-16 | 21 días | 07-ene-17 | 27-ene-17 | 21 días | | Mantenimiento mayor de 48,000 horas | | |
| | | MOTOR 6 | 13-ago-16 | 02-sep-16 | 21 días | 25-feb-17 | 17-mar-17 | 21 días | | Mantenimiento mayor de 48,000 horas | | |
| | | MOTOR 7 | 24-sep-16 | 14-oct-16 | 21 días | 08-abr-17 | 28-abr-17 | 21 días | | Mantenimiento mayor de 48,000 horas | | |
| | | MOTOR 1 | 07-ene-17 | 27-ene-17 | 21 días | INE informa que programará este mantenimiento en el siguiente periodo PAMM | | | | Mantenimiento mayor de 72,000 horas | | |
| | | MOTORES 1 A 3 | 22-ene-17 07:00 | 22-ene-17 15:59 | 9 horas | | | | | Mantenimiento mayor a transformador de fase 1 | | |
| | | MOTORES 4 A 9 | 29-ene-17 07:00 | 29-ene-17 15:59 | 9 horas | | | | | Mantenimiento mayor a transformador de fase 2 | | |
| | | MOTOR 3 | 25-feb-17 | 17-mar-17 | 21 días | INE informa que programará este mantenimiento en el siguiente periodo PAMM | | | | Mantenimiento mayor de 72,000 horas | | |
| | | TALNIQUE PLANTA | 30-abr-17 07:00 | 30-abr-17 15:59 | 9 horas | | | | | Cero voltaje en subestación por indisponibilidad de líneas ATEO-TALN (por cercanía y cambio de conductor en línea NCUS-ATEO) y SANT-TALN (conexión de nueva subestación El Volcán) | | |
| | | TPTO | TERMOPUERTO | MOTORES 1 A 4 | 04-dic-16 05:00 | 04-dic-16 15:59 | 11 horas | | | | Mantenimiento en subestación | |
| MOTORES 1 A 4 | 04-dic-16 06:00 | | | 04-dic-16 15:59 | 10 horas | | | | Cero voltaje en ACAJ por trabajos de ETESAL | | | |
| TEXTULF | TEXTULF | MOTOR 1 | 24-sep-16 | 03-oct-16 | 10 días | | | 24-sep-16 | 28-sep-16 | 5 días | Mantenimiento de 7,500 horas | |
| | | MOTOR 2 | 08-oct-16 | 19-oct-16 | 12 días | | | | | Mantenimiento de 45,000 horas | | |
| BOREALIS | GECSA | MOTOR 6 | 22-oct-16 | 31-oct-16 | 10 días | | | | | Mantenimiento de 7,500 horas | | |
| | | MOTOR 7 | 26-nov-16 | 05-dic-16 | 10 días | | | | | Mantenimiento de 7,500 horas | | |
| BOREALIS | BOREALIS | MOTORES 1 A 3 | 29-may-16 08:00 | 29-may-16 19:59 | 12 horas | 22-may-16 | 22-may-16 | 12 horas | 22-may-16 | 22-may-16 | 12 horas | Mantenimiento en subestación |
| | | MOTOR 6 | 16-may-16 | 01-jun-16 | 15 días | Suspendido a solicitud de BORE | | | | Mantenimiento de 6,000 horas | | |
| BOREALIS | BOREALIS | MOTORES 1 A 8 | 29-oct-16 | 07-nov-16 | 10 días | Suspendido a solicitud de BORE | | | | Mantenimiento en subestación | | |
| | | MOTOR 7 | 31-ago-16 | 14-sep-16 | 15 días | Suspendido a solicitud de BORE | | | | Mantenimiento de 6,000 horas | | |

Proceso
 Suspendido/Reprogramado
 Realizado



Km. 12 1/2 Carretera al Puerto de la Libertad, Nuevo Cuscatlán,
Departamento de La Libertad.

Tel.: (503) 2521-7300 Fax: (503) 2521-7301

Correo: uconciliacion@ut.com.sv www.ut.com.sv