

**BOLETÍN
ESTADÍSTICO**

DICIEMBRE 2023



Contenido

| | Pág. |
|---|------|
| Referencias | 3 |
| Resumen | 4 |
| Inyecciones | 5 |
| Comportamiento de la demanda de energía | 5 |
| ♦ Tasa de variación anual (promedio móvil 12 meses) | 5 |
| ♦ Tasa de variación anual (promedio móvil 6 meses) | 5 |
| ♦ Tasa de variación anual (promedio móvil 3 meses) | 5 |
| Inyecciones por recurso | 6 |
| Inyección nacional por participante de mercado | 6 |
| Contratos de inyección | 6 |
| Retiros | 7 |
| Contratos Bilaterales por Participante de Mercado | 7 |
| Contratos de Libre Concurrencia por Participante de mercado | 7 |
| Contratos de Naturaleza Pública por Participante de mercado | 7 |
| Mercado Regulador del Sistema por participante de mercado | 7A |
| Comercio Internacional | 8 |
| ♦ Importaciones por participante de mercado | 8 |
| ♦ Exportaciones por participante de mercado | 8 |
| Evolución de los precios | 9 |
| ♦ Precios Promedios Mensuales | 9 |
| ♦ Precios Horarios | 10 |
| ♦ Precios Promedios Diarios y Acumulados | 22 |
| ♦ Composición del Precio Promedio Mensual | 23 |
| Otras Estadísticas | 24 |
| ♦ Energía No Servida, Pérdidas e Interrupciones | 24 |
| ♦ Sistema de Transmisión | 25 |
| ♦ Demanda Máxima de Potencia | 29 |
| ♦ Reserva Rodante y Reserva Fría en Demanda Máxima | 30 |
| ♦ Precios de los Combustibles puestos en planta (US\$/bbl) | 31 |
| ♦ Niveles (msnm) | 32 |
| ♦ Interrupciones del Servicio | 33 |
| ♦ Programa Anual de Mantenimientos Mayores (PAMM) | 36 |



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.

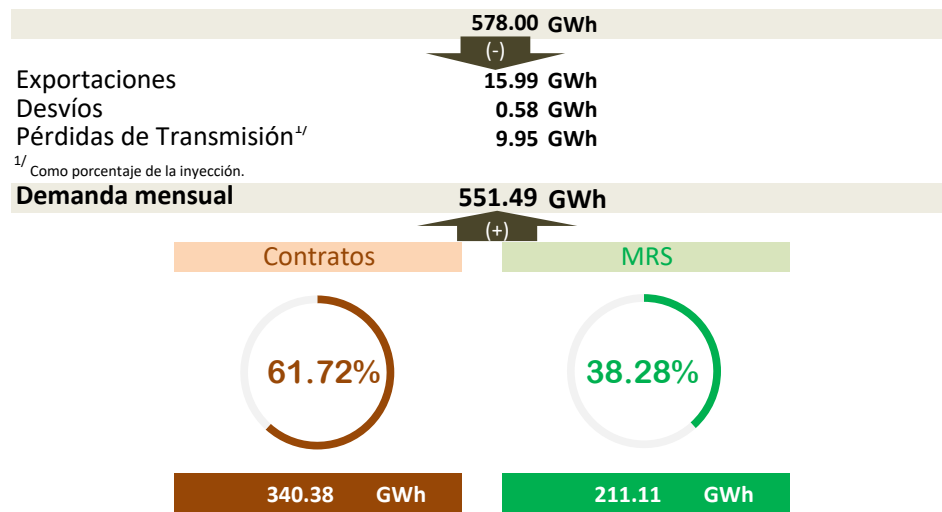
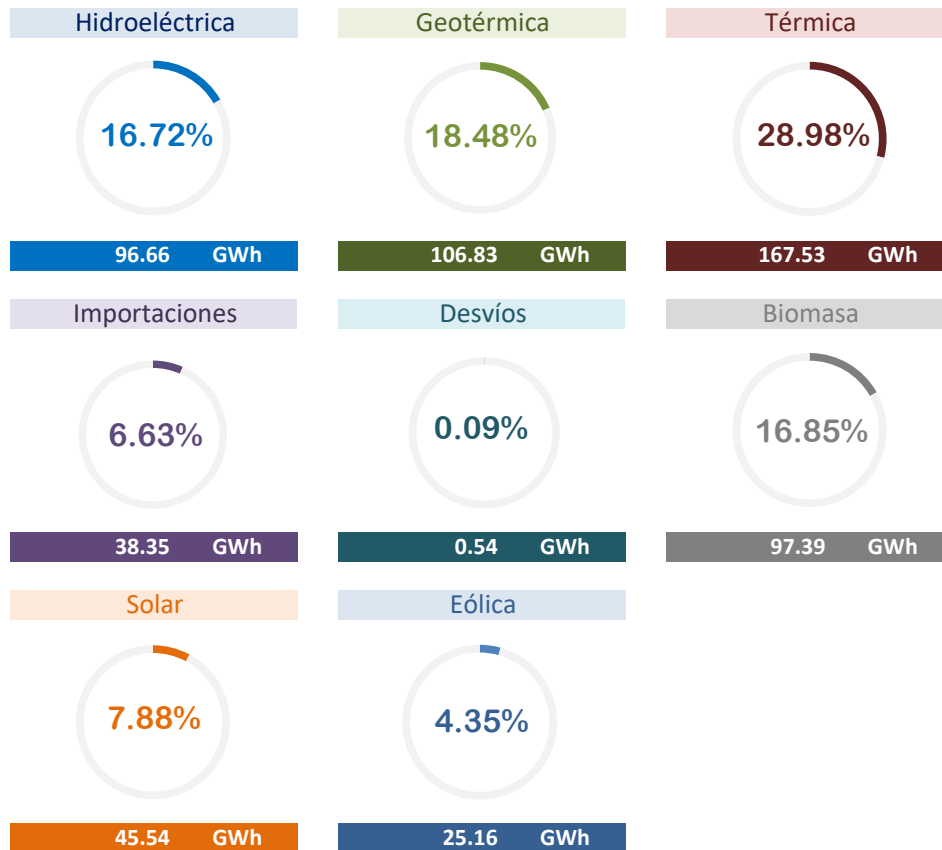
Acumulado Anual: Relación del promedio acumulado del año y el mismo período del año anterior.

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



Demanda Máxima de Potencia (MW)
1092
 05-dic-2023 18:30

Promedio mensual MRS US\$/MWh
\$109.77



Inyecciones

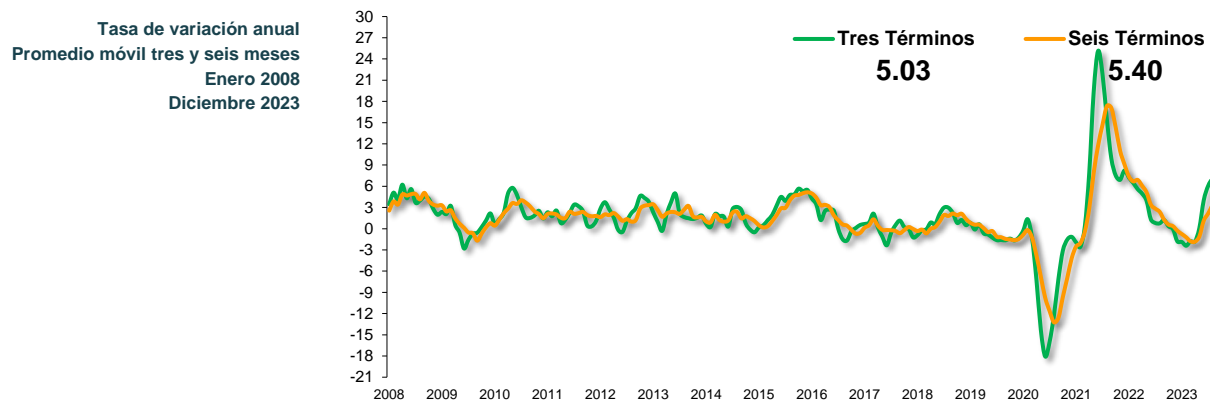
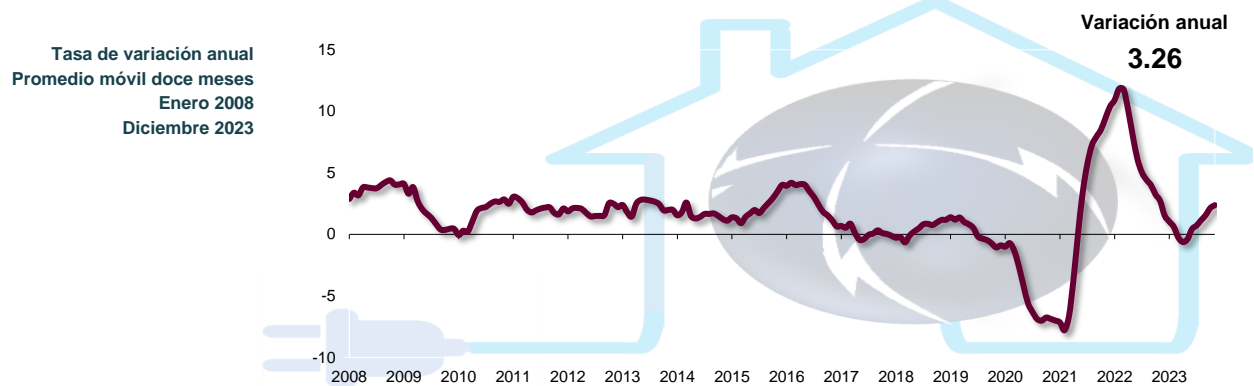
| Rubros | Diciembre 2023 | | Var. % | Acumulado Anual ^{2/} | | Últimos 3 meses ^{2/} | | Últimos 12 meses ^{2/} | |
|--|----------------|----------------------|---------------------|-------------------------------|------------|-------------------------------|------------|--------------------------------|------------|
| | GWh | Var. % ^{2/} | Anual ^{2/} | GWh | Var. % | GWh | Var. % | GWh | Var. % |
| Generación nacional transada | 539.1 | -4.8 | 16.3 | 7,387.8 | 15.7 | 594.6 | 13.2 | 615.6 | 15.7 |
| Intercambios Internacionales (+/-) ^{1/} | 22.4 | 97.7 | -66.3 | -391.4 | -206.4 | -13.3 | -149.0 | -32.6 | -206.4 |
| Pérdidas de transmisión | 9.9 | -19.9 | 10.7 | 150.5 | 25.8 | 12.1 | 18.9 | 12.5 | 25.8 |
| Demanda Mercado Mayorista | 551.5 | -2.4 | 5.9 | 6,845.7 | 3.3 | 569.2 | 5.0 | 570.5 | 3.3 |

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

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

^{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





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 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| AES CLESA & Cia S. en C. de C.V. | 7.4 | 6.7 | 7.4 | 7.2 | 7.4 | 7.2 | | | | | | | 43.4 |
| AES CLESA Y CIA, COM | 3.0 | 2.7 | 3.0 | 2.9 | 0.7 | | | | | | | 2.9 | 15.0 |
| Administración Nacional de Acueductos y Alcantarillados (ANDA) | 28.2 | 25.5 | 28.2 | 27.3 | 28.2 | 27.3 | 28.2 | 28.2 | 27.3 | 28.2 | 27.3 | 28.2 | 332.2 |
| CEL - Comercializadora | 8.1 | 7.2 | 8.0 | 7.9 | 8.2 | 8.0 | 8.2 | 8.3 | 2.0 | 0.9 | 0.8 | 0.9 | 68.5 |
| CLEA, S.A. | | | | | | | | | 6.0 | 7.4 | 7.2 | 7.4 | 28.1 |
| DEC-ABRUZZO | | | | | | | | | | 1.5 | 1.4 | 1.5 | 4.4 |
| Hanesbrands El Salvador LTDA de C.V. | 6.5 | 6.7 | 7.4 | 7.2 | 7.2 | 7.1 | 7.0 | 6.9 | 6.9 | 6.8 | 6.3 | 3.2 | 79.4 |
| INE S.A. DE C.V. (COM) | | | | | | 15.6 | 39.4 | 39.4 | 38.2 | 39.4 | 38.2 | 12.7 | 222.9 |
| Mayorista de Electricidad, S.A. de C.V. | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.6 | 9.3 |
| CX1/ | -7.4 | -6.7 | -7.4 | -7.2 | -7.4 | -22.8 | -46.9 | -46.9 | -45.4 | -46.9 | -45.4 | -20.2 | -310.5 |
| Total bilaterales | 46.6 | 42.8 | 47.5 | 46.0 | 45.1 | 43.1 | 36.8 | 36.8 | 35.8 | 38.2 | 36.6 | 37.3 | 492.7 |

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 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| AES CLESA & Cia S. en C. de C.V. | 56.9 | 53.9 | 58.2 | 53.6 | 54.5 | 42.1 | 46.6 | 45.2 | 44.1 | 44.2 | 45.6 | 46.6 | 591.4 |
| B&D Servicios Técnicos S.A. de C.V. | 2.6 | 2.7 | 2.7 | 1.8 | 2.1 | 1.8 | 2.1 | 2.0 | 1.9 | 2.0 | 2.1 | 1.7 | 25.5 |
| CAESS S.A. de C.V. | 152.5 | 144.3 | 155.9 | 143.0 | 151.8 | 110.2 | 124.4 | 118.6 | 116.8 | 118.7 | 120.1 | 122.8 | 1,579.3 |
| DEC-ABRUZZO | 0.3 | 0.3 | 0.3 | 0.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 2.3 |
| DELSUR S.A. de C.V. | 93.5 | 88.3 | 94.2 | 83.5 | 87.0 | 65.8 | 74.4 | 71.5 | 70.5 | 72.3 | 74.2 | 74.7 | 949.9 |
| Deusem S.A. de C.V. | 8.5 | 8.1 | 8.9 | 8.3 | 8.3 | 6.4 | 7.2 | 6.7 | 6.6 | 6.6 | 6.7 | 7.0 | 89.3 |
| EDESAL S.A. DE C.V. (DIST) | 5.1 | 5.2 | 5.4 | 4.3 | 5.1 | 4.0 | 4.5 | 4.4 | 4.2 | 4.2 | 4.5 | 4.2 | 55.2 |
| EEO S.A. de C.V. | 37.9 | 36.1 | 40.4 | 37.4 | 38.0 | 27.9 | 31.4 | 29.7 | 28.6 | 29.0 | 29.6 | 30.8 | 396.9 |
| Totales | 357.3 | 338.8 | 366.1 | 332.1 | 347.1 | 258.3 | 290.8 | 278.2 | 272.8 | 277.2 | 283.0 | 288.1 | 3,689.7 |

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

| Participante de Mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|-------------------------------------|------------|------------|------------|------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| AES CLESA & Cia S. en C. de C.V. | | | | | | 22.4 | 22.7 | 2.3 | 2.3 | 2.2 | 2.3 | 2.3 | 58.9 |
| B&D Servicios Técnicos S.A. de C.V. | | | | | 0.5 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 1.5 |
| CAESS S.A. de C.V. | | | | | 61.8 | 63.0 | 7.1 | 7.0 | 6.8 | 7.2 | 6.8 | 6.8 | 166.7 |
| DEC-ABRUZZO | | | | | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| DELSUR S.A. de C.V. | | | | | 37.2 | 37.5 | 3.7 | 3.8 | 3.7 | 3.9 | 3.8 | 3.7 | 97.2 |
| Deusem S.A. de C.V. | | | | | 4.1 | 4.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 9.9 |
| EDESAL S.A. DE C.V. (DIST) | | | | | 3.6 | 3.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 8.2 |
| EEO S.A. de C.V. | | | | | 16.0 | 16.2 | 1.7 | 1.7 | 1.6 | 1.7 | 1.6 | 1.7 | 42.2 |
| Totales | 0.0 | 0.0 | 0.0 | 0.0 | 146.0 | 147.9 | 15.5 | 15.4 | 15.0 | 15.8 | 15.1 | 15.0 | 385.7 |





Retiros

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 |
|--|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| AES CLESA & Cia S. en C. de C.V. | 13.0 | 11.4 | 18.7 | 21.7 | 6.9 | 13.1 | 38.0 | 41.8 | 36.9 | 41.2 | 36.3 | 33.5 | 312.6 |
| AES CLESA Y CIA, COM | 0.3 | 0.3 | 0.3 | 0.3 | 2.5 | 3.0 | 3.0 | 3.1 | 3.0 | 2.8 | 3.2 | 0.4 | 22.3 |
| AES NEJAPA GAS, Limitada de Capital Variable | 2.6 | 4.0 | 5.5 | 5.0 | 4.8 | 5.5 | 5.8 | 5.3 | 5.6 | 5.8 | 5.5 | 5.5 | 61.0 |
| AES UNIÓN DE NEGOCIOS, S.A. DE C.V. | 2.3 | 2.2 | 3.7 | 1.8 | 3.0 | 8.0 | 4.3 | 2.4 | 3.4 | 4.5 | 2.3 | 2.6 | 40.5 |
| ALAS DORADAS S.A. DE C.V. | 3.8 | 3.7 | 4.1 | 3.7 | 3.9 | 3.6 | 3.8 | 4.0 | 3.6 | 4.1 | 3.9 | 4.3 | 46.5 |
| Acajutla Energía Solar I, LTDA. de C.V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| Administración Nacional de Acueductos y Alcantarillados (ANDA) | -3.8 | -2.8 | -4.3 | -3.8 | -3.9 | -5.9 | -4.1 | -4.2 | -5.0 | -4.7 | -3.1 | -2.7 | -48.3 |
| B&D Servicios Técnicos S.A. de C.V. | -0.3 | -0.1 | 0.2 | 1.0 | 0.5 | 0.9 | 0.6 | 1.1 | 1.0 | 1.5 | 0.9 | 0.0 | 7.3 |
| CAESS S.A. de C.V. | 26.3 | 23.8 | 35.7 | 36.4 | -11.8 | 16.0 | 61.6 | 65.5 | 61.2 | 65.2 | 55.0 | 44.9 | 479.9 |
| CASSA S.A. de C.V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.4 | 0.4 | 0.3 | 0.3 | 0.4 | 0.4 | 0.0 | 2.5 |
| CASW El Salvador, S.A. de C.V. | 5.3 | 5.5 | 7.4 | 7.1 | 8.1 | 8.1 | 7.7 | 7.0 | 6.8 | 7.9 | 7.4 | 7.3 | 85.9 |
| CEL - Comercializadora | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CENERGIA ENERGY EL SALVADOR S. EN C. DE C.V. | 0.4 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 5.0 |
| Capella Solar, S. A. de C. V. | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.9 |
| Comisión Ejecutiva Hidroeléctrica del Río Lempa (CEL) | 0.5 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 | 0.4 | 0.2 | 0.4 | 0.6 | 5.5 |
| DEC-ABRUZZO | 0.8 | 0.8 | 0.9 | 1.0 | 0.7 | 0.9 | 1.3 | 1.6 | 1.6 | 0.1 | 0.3 | 0.3 | 10.1 |
| DELSUR S.A. de C.V. | 39.1 | 39.3 | 47.9 | 51.4 | 26.3 | 39.4 | 69.1 | 72.7 | 63.5 | 65.4 | 57.7 | 56.6 | 628.3 |
| DISTRIBUIDORA ELECTRICA DEL SUR, S.A. DE C.V. | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | | | 1.0 |
| Deusem S.A. de C.V. | 3.0 | 3.2 | 4.0 | 5.0 | 2.3 | 3.2 | 7.0 | 7.0 | 6.5 | 6.7 | 6.0 | 6.1 | 60.0 |
| ECOSOLAR, S.A. de C.V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| EDESAL S.A. DE C.V. (DIST) | 5.3 | 5.0 | 7.3 | 6.1 | 3.9 | 4.6 | 10.0 | 8.2 | 8.7 | 10.1 | 8.5 | 7.7 | 85.4 |
| EDESAL S.A. de C.V. (COM) | 0.3 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.5 | 0.5 | 5.5 |
| EEO S.A. de C.V. | 17.5 | 18.2 | 22.3 | 26.6 | 16.0 | 18.9 | 34.6 | 34.7 | 31.3 | 32.0 | 29.4 | 29.8 | 311.4 |
| EIS POWER S.A. DE C.V. | 0.7 | 0.6 | 0.7 | 0.7 | 0.7 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 5.1 |
| ENERGIA BOREALIS, S.A. DE C.V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| ENERGIA DEL PACIFICO, LTDA. de C.V. | 0.2 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.7 |
| ENERGY Q, S.A. de C.V. | 1.5 | 1.5 | 1.7 | 1.4 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.5 | 1.3 | 18.1 |
| ENERGÍA, DESARROLLO Y CONSULTORÍA, S.A. DE C.V. | 0.6 | 0.5 | 0.6 | 0.6 | 0.6 | 1.3 | 1.8 | 2.2 | 2.2 | 2.3 | 2.2 | 2.2 | 17.1 |
| Excelergy S.A. | 3.1 | 2.8 | 2.9 | 2.7 | 3.0 | 3.0 | 3.1 | 3.8 | 4.0 | 4.2 | 4.0 | 4.1 | 40.8 |
| GENERADORA ELECTRICA CENTRAL S.A. DE C.V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 |
| HILCASA ENERGY | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| Hanesbrands El Salvador LTDA de C.V. | -0.2 | 0.3 | 0.3 | 0.1 | 0.3 | 0.4 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | -0.4 | 1.1 |
| INE S.A. DE C.V. | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 1.5 |
| Ingenio Chaparrastique, S.A. de C.V. | | 0.0 | 0.1 | 0.0 | 0.1 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 | 0.4 | 0.0 | 2.0 |
| Ingenio El Angel, S. A. de C. V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.0 | 2.8 |
| Ingenio Jiboa S.A de C.V. | | 0.1 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 2.3 |
| LaGeo S.A. de C.V. | 0.9 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.7 | 1.0 | 0.9 | 1.0 | 1.0 | 1.1 | 7.5 |
| Mayorista de Electricidad, S.A. de C.V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mercados Eléctricos S.A. de C.V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.4 | 3.8 |
| NEJAPA POWER COMPANY, S.A. | 0.4 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 7.5 |
| TERMOPUERTO | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | | | 0.4 |
| Potencia y Energía CORP. | | | | | | | | | | | 0.1 | 0.1 | 0.1 |
| Pacífic Energy S.A. de C.V. | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 3.9 |
| Providencia Solar S.A. de C.V. | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| TERMOENCOGIBLES S.A. DE C.V. | 3.2 | 3.1 | 3.4 | 2.5 | 3.2 | 3.1 | 3.0 | 2.6 | 3.1 | 3.2 | 3.0 | 2.5 | 35.6 |
| TEXTUFIL S.A. De C.V. | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 1.5 |
| VENTUS, S.A. de C.V. | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.7 |
| Totales | 128.4 | 127.2 | 166.7 | 174.5 | 76.2 | 133.1 | 258.3 | 266.6 | 245.0 | 259.9 | 230.5 | 211.1 | 2,277.6 |



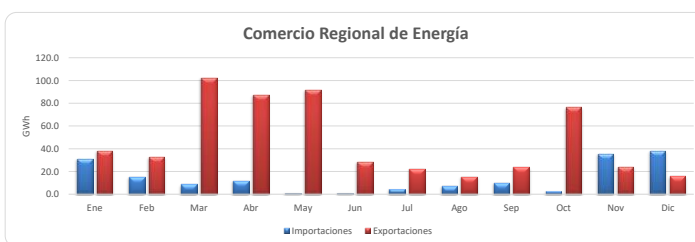
Comercio Internacional

Importaciones por Participante de Mercado (GWh)

| Participante de mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|--|-------------|-------------|------------|-------------|------------|------------|------------|------------|-------------|------------|-------------|-------------|--------------|
| AES CLESA & Cia S. en C. de C.V. | | | 0.3 | | | | | | | | | | 0.3 |
| ALTERNATIVA DE ENERGIA RENOVABLE, S.A. de C.V. | 0.1 | 0.1 | | | 0.1 | 0.1 | | 0.2 | 0.0 | 0.0 | 0.4 | 0.1 | 1.1 |
| CEL - Comercializadora | 0.1 | 0.2 | | 0.2 | | 0.1 | 0.1 | 0.2 | 0.1 | 0.0 | 0.9 | 0.7 | 2.5 |
| Comercia Internacional El Salvador,S.A. de C.V. | 9.6 | 4.8 | 5.6 | 5.3 | | | 0.2 | | | 0.1 | 1.7 | 6.3 | 33.5 |
| Comercializadora Electronova, S.A. DE C.V. | 0.4 | 0.3 | 0.5 | 0.2 | 0.5 | | 0.6 | 0.8 | 0.4 | 0.3 | 2.6 | 1.9 | 8.7 |
| Comercializadora Eléctrica Salvadoreña, S.A. de C.V. | | 0.1 | | | | | 0.1 | 0.0 | 0.2 | | 0.3 | 0.8 | 1.5 |
| Comercializadora de Energía para América S.A. de C.V. | 4.1 | 1.3 | 0.1 | 0.4 | | | | 0.0 | | | 0.1 | 0.0 | 6.0 |
| Comercializadora de Luz y Fuerza, S.A. de C.V. | | | | | | | | | | | 0.1 | 0.1 | 0.1 |
| Compañía de Energía de Centroamérica S.A. de C.V. | | | | 0.1 | | | 0.1 | | | | 1.0 | 1.6 | 2.8 |
| EBR, S.A. de C.V. | | 0.1 | 0.1 | 0.1 | | | | | | | | | 0.3 |
| EEO S.A. de C.V. | | | | 0.4 | | | 0.0 | 0.0 | 1.9 | 0.8 | 2.8 | 3.3 | 9.1 |
| EIS POWER S.A. DE C.V. | 0.2 | 0.1 | 0.0 | 0.1 | | | 0.2 | 0.4 | 0.1 | 0.1 | 1.9 | 1.0 | 4.1 |
| ELECTRIC POWER MARKETS, S.A. de C.V. | 0.8 | 0.9 | 0.8 | 0.9 | 0.0 | 0.0 | 0.2 | 0.1 | 1.5 | 0.0 | 1.9 | 0.3 | 7.7 |
| ENERGIA BOREALIS, S.A. DE C.V. | 0.7 | 1.3 | | 0.9 | | 0.0 | 0.9 | 0.8 | 0.1 | | 6.4 | 1.4 | 12.6 |
| ENERGÍON DE CENTROAMÉRICA, S.A. DE C.V. | 0.0 | 0.1 | 0.0 | 0.0 | | | 0.1 | 0.1 | 0.1 | | | 0.1 | 0.5 |
| ENERGY CONNECTION | 0.1 | 0.6 | | | | 0.4 | | | | | | | 1.1 |
| ENERGÍA, DESARROLLO Y CONSULTORÍA, S.A. DE C.V. | 3.6 | 1.2 | 0.4 | 0.6 | 0.2 | 0.0 | 0.1 | 0.1 | 2.4 | 0.3 | 1.4 | 5.3 | 15.6 |
| ENERLAT S.A. DE C.V. | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| EON Energy, S.A. de C.V. | | 0.0 | | | 0.0 | 0.2 | | 0.0 | | | | | 0.3 |
| Energía del Istmo, S.A. de C.V. | 2.9 | 0.3 | | 0.0 | | | | 0.1 | 0.0 | | | | 4.0 |
| Excenergy S.A. | 1.6 | 1.1 | 0.1 | 0.3 | 0.0 | | 0.3 | 0.8 | 0.5 | 0.2 | 0.5 | 0.7 | 6.2 |
| GRS Comercializadora, S.A. de C.V. | 0.1 | 0.0 | 0.1 | 0.4 | 0.3 | | | | | 0.4 | | | 1.5 |
| INGENIO LA CABAÑA, S.A. DE C.V. | 1.4 | 0.9 | 0.1 | 0.8 | | 0.0 | 1.5 | 2.2 | 0.7 | 0.2 | 7.5 | 6.6 | 21.7 |
| Intellergy, Sociedad Anónima de Capital Variable | 0.1 | | 0.0 | | | | | 0.0 | 0.1 | 0.2 | 0.1 | | 0.5 |
| Inversiones en Transmisión y Energía Centroamericana, S.A. de C.V. | 3.1 | 1.2 | 0.4 | 0.9 | | 0.0 | 0.0 | 0.4 | 1.3 | 0.4 | 1.6 | 1.1 | 10.5 |
| LaGeo - Comercializadora | | | | | | | | | | | 0.3 | 0.5 | 0.8 |
| Mayorista de Electricidad, S.A. de C.V. | | | | | | | | | | | | | |
| Mercados Eléctricos S.A. de C.V. | 1.6 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.2 | 0.7 | 0.4 | 0.3 | 1.4 | 2.3 | 8.0 |
| NEJAPA POWER COMPANY, S.A. | | | | 0.0 | | | | | | | 1.9 | 2.2 | 4.1 |
| TEXTUFIL S.A. De C.V. | 0.7 | 0.3 | 0.0 | 0.2 | 0.0 | | | 0.0 | 0.0 | | | | 1.3 |
| TRADENERGY, S.A. DE C.V. | | | | | | | | | | 0.0 | 0.9 | 1.2 | 2.1 |
| WORLD RESOURCES CORP S.A. DE C.V. | | | | | | 0.2 | | | | | | | 0.2 |
| Total | 31.3 | 15.3 | 8.8 | 12.0 | 1.3 | 1.3 | 4.5 | 7.1 | 10.3 | 2.9 | 35.6 | 38.3 | 168.8 |

Exportaciones por Participante de Mercado (GWh)

| Participante de mercado | Ene | Feb | Mar | Abr | May | Jun | Jul | Ago | Sep | Oct | Nov | Dic | Total |
|--|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| ALTERNATIVA DE ENERGIA RENOVABLE, S.A. de C.V. | | | 0.0 | | 0.0 | | | | | | 0.1 | | 0.1 |
| CEL - Comercializadora | 2.8 | 1.5 | 6.3 | 2.5 | 0.0 | | | 0.0 | | 2.1 | | 0.0 | 15.2 |
| CENER S. A. de C.V. | | | 0.1 | 1.1 | | | | | | | | | 1.2 |
| CENERGICA ENERGY EL SALVADOR S. EN C. DE C.V. | | | | | 0.9 | 1.6 | 0.1 | | | | | | 2.5 |
| CLEA, S.A. | | | | | | | | | 0.0 | 0.1 | 0.0 | | 0.1 |
| Comercia Internacional El Salvador,S.A. de C.V. | | 0.1 | | | | | | | | | | | 0.1 |
| Comercializadora Electronova, S.A. DE C.V. | 0.7 | 1.0 | 5.3 | 4.6 | 4.1 | 0.4 | 0.5 | 1.0 | 1.5 | 3.5 | 0.5 | 0.4 | 23.4 |
| Comercializadora Eléctrica Salvadoreña, S.A. de C.V. | 1.5 | 0.6 | 3.1 | 0.5 | 1.1 | 0.1 | 0.5 | 0.6 | 1.8 | 1.7 | 0.4 | 0.1 | 12.1 |
| Comercializadora de Energía para América S.A. de C.V. | 0.4 | 0.2 | 0.9 | 0.2 | 0.5 | | | 0.0 | | | 0.8 | 1.0 | 4.3 |
| Comercializadora de Luz y Fuerza, S.A. de C.V. | | | 4.3 | 4.2 | 1.0 | | | | | 0.4 | 0.6 | 0.1 | 10.7 |
| Compañía de Energía de Centroamérica S.A. de C.V. | 0.5 | 0.7 | 8.3 | 8.8 | 8.2 | 1.1 | 1.1 | 0.7 | 1.3 | 0.2 | | | 31.0 |
| EBR, S.A. de C.V. | 0.0 | 0.1 | 0.3 | 0.2 | | | | | 0.0 | 0.0 | 0.1 | | 0.5 |
| ECO ENERGÍA DE CENTRO AMÉRICA, S.A. de C.V. | | | | | 0.0 | 0.1 | | 0.0 | 0.0 | 0.1 | | | 0.3 |
| EEO S.A. de C.V. | | | | | | 0.1 | | | | | | | 0.1 |
| EIS POWER S.A. DE C.V. | 0.2 | 0.0 | 1.3 | 0.5 | 0.4 | 0.1 | 0.0 | 0.0 | 0.1 | 0.8 | 0.0 | 0.1 | 3.4 |
| ELECTRIC POWER MARKETS, S.A. de C.V. | 0.8 | 0.1 | 1.2 | 1.0 | 0.0 | | | 0.4 | 2.9 | 0.3 | 0.1 | | 6.9 |
| ENERGIA BOREALIS, S.A. DE C.V. | 15.0 | 11.2 | 26.6 | 16.9 | 19.5 | 3.4 | 4.9 | 4.2 | 1.8 | 10.0 | 2.4 | 1.8 | 117.7 |
| ENERGÍON DE CENTROAMÉRICA, S.A. DE C.V. | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | | | 0.9 |
| ENERGY CONNECTION | 0.9 | 1.6 | 1.1 | 0.0 | 0.2 | | | 0.0 | 0.2 | 0.1 | | | 4.0 |
| ENERGÍA, DESARROLLO Y CONSULTORÍA, S.A. DE C.V. | 0.0 | 0.4 | 1.1 | 3.6 | 2.5 | 1.2 | 0.4 | 0.1 | 1.6 | 2.0 | 0.5 | 0.6 | 14.0 |
| ENERLAT S.A. DE C.V. | | | | | | | | | | | 0.0 | | 0.0 |
| ENERNEXT, S.A. de C.V. | 0.1 | 0.0 | 0.2 | | | | | | | | | | 0.3 |
| EON Energy, S.A. de C.V. | 0.0 | 0.4 | 0.3 | | 0.1 | | | | | 0.2 | | | 0.9 |
| Energía del Istmo, S.A. de C.V. | | | 0.3 | | 0.0 | | | | | | | | 0.3 |
| Excenergy S.A. | | 0.1 | 0.8 | 3.8 | 1.8 | 1.5 | | | 1.2 | 0.4 | 0.0 | | 9.5 |
| GRS Comercializadora, S.A. de C.V. | 0.1 | 0.0 | 0.1 | 0.0 | | | | | | 0.3 | | | 0.4 |
| INE S.A. DE C.V. (COM) | 3.4 | 3.8 | 7.0 | 3.8 | 4.6 | 0.6 | 0.7 | 0.3 | 0.7 | 6.2 | 1.7 | 0.7 | 33.6 |
| INGENIO LA CABAÑA, S.A. DE C.V. | 8.6 | 8.0 | 18.1 | 14.3 | 15.9 | 9.0 | 8.6 | 3.5 | 6.4 | 13.8 | 5.8 | 7.1 | 118.9 |
| Intellergy, Sociedad Anónima de Capital Variable | | | 0.3 | | 0.0 | 0.0 | | 0.1 | 0.0 | 0.1 | | | 0.6 |
| Inversiones en Transmisión y Energía Centroamericana, S.A. de C.V. | 1.6 | 1.0 | 0.4 | | | | | | 0.1 | 0.1 | 0.0 | 0.1 | 3.3 |
| LaGeo - Comercializadora | 0.1 | 0.6 | 3.0 | 4.1 | 4.2 | 1.8 | 0.3 | 0.8 | 1.2 | 2.2 | 1.0 | | 19.1 |
| Mercados Eléctricos S.A. de C.V. | 1.5 | 1.6 | 11.3 | 11.6 | 9.1 | 1.1 | 1.8 | 1.4 | 2.3 | 7.1 | 1.4 | 1.2 | 51.3 |
| NEJAPA POWER COMPANY, S.A. | | | 0.1 | 5.0 | 12.3 | 3.6 | 3.2 | 2.2 | 2.5 | 18.2 | 6.3 | 2.3 | 55.7 |
| TEXTUFIL S.A. De C.V. | | 0.1 | 0.7 | 0.6 | 5.5 | 2.6 | 0.2 | | 0.5 | 2.0 | 2.3 | 1.4 | 15.8 |
| TRADENERGY, S.A. DE C.V. | | | | | | | | | 0.6 | 1.2 | 0.1 | 0.0 | 1.8 |
| WORLD RESOURCES CORP S.A. DE C.V. | | | | | 0.0 | 0.0 | | | | | | | 0.1 |
| Total | 38.3 | 33.2 | 102.4 | 87.5 | 92.2 | 28.3 | 22.3 | 15.4 | 23.9 | 76.5 | 24.3 | 16.0 | 560.3 |



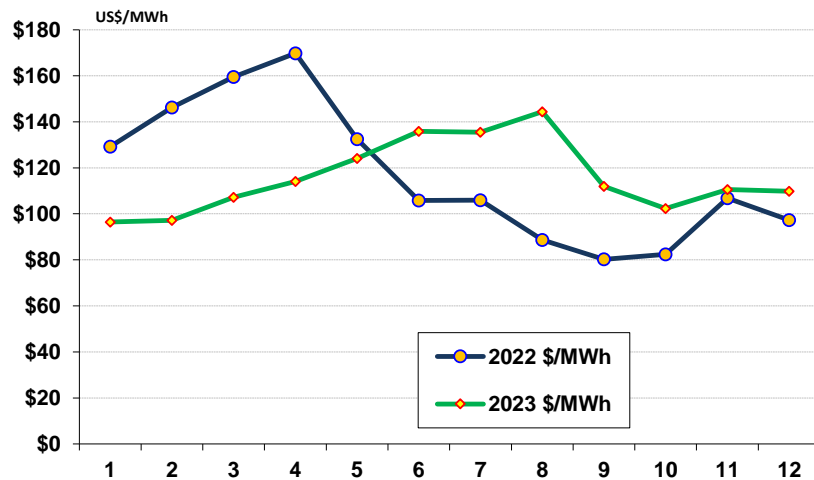
A partir del 01 de junio 2013 por la entrada en vigencia del RMER ya no puede obtener el comercio por frontera



Evolución de los precios

| Mes | Promedio | | Variaciones % | | | |
|-----|----------------|----------------|---------------|--------|-------|----------------|
| | 2022 \$/MWh | 2023 \$/MWh | Mes | Anual | Acum. | Prom. anual |
| Ene | 129.24 | 96.47 | -0.84 | -25.36 | -0.84 | 114.31 |
| Feb | 146.25 | 97.23 | 0.79 | -33.52 | -0.06 | 110.22 |
| Mar | 159.56 | 107.14 | 10.20 | -32.85 | 10.14 | 105.85 |
| Abr | 169.80 | 114.04 | 6.44 | -32.84 | 17.23 | 101.21 |
| May | 132.44 | 124.06 | 8.78 | -6.33 | 27.53 | 100.51 |
| Jun | 105.87 | 135.87 | 9.52 | 28.33 | 39.67 | 103.01 |
| Jul | 106.00 | 135.48 | -0.29 | 27.81 | 39.26 | 105.47 |
| Ago | 88.62 | 144.42 | 6.60 | 62.96 | 48.45 | 110.12 |
| Sep | 80.22 | 111.95 | -22.48 | 39.55 | 15.08 | 112.76 |
| Oct | 82.35 | 102.27 | -8.65 | 24.19 | 5.13 | 114.42 |
| Nov | 106.82 | 110.61 | 8.16 | 3.56 | 13.70 | 114.74 |
| Dic | 97.28 | 109.77 | -0.76 | 12.84 | 12.84 | 115.78 |

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 | PTRANSMIS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|----------|----------|-----------------|-------|-----------|-----------|-----------|----------|------|----------|-----------|------------|
| 17/12/2023 | 18 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.139 | (0.003) | \$ - | \$ 1.749 | \$ 0.077 | \$ 0.007 | \$ - | \$ - | \$ 0.679 | \$ 13.401 | \$ 109.450 |
| 17/12/2023 | 19 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.128 | (0.003) | \$ - | \$ 1.652 | \$ 0.077 | \$ 0.007 | \$ - | \$ - | \$ 0.674 | \$ 13.287 | \$ 109.336 |
| 17/12/2023 | 20 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.117 | (0.003) | \$ - | \$ 1.575 | \$ 0.079 | \$ 0.007 | \$ - | \$ - | \$ 0.689 | \$ 13.215 | \$ 109.264 |
| 17/12/2023 | 21 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.091 | (0.003) | \$ - | \$ 1.597 | \$ 0.074 | \$ 0.007 | \$ - | \$ - | \$ 0.735 | \$ 13.251 | \$ 109.300 |
| 17/12/2023 | 22 | \$ 96.049 | \$ 0.664 | \$ 1.091 | \$ 9.153 | (0.003) | \$ - | \$ 1.734 | \$ 0.023 | \$ 0.008 | \$ - | \$ - | \$ 0.798 | \$ 13.469 | \$ 109.518 |
| 17/12/2023 | 23 | \$ 96.049 | \$ 0.665 | \$ 1.091 | \$ 9.171 | (0.003) | \$ - | \$ 1.841 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.864 | \$ 13.638 | \$ 109.687 |
| 18/12/2023 | 0 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.135 | (0.003) | \$ - | \$ 1.786 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.915 | \$ 13.595 | \$ 109.644 |
| 18/12/2023 | 1 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.114 | (0.003) | \$ - | \$ 1.587 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.944 | \$ 13.403 | \$ 109.452 |
| 18/12/2023 | 2 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.115 | (0.003) | \$ - | \$ 1.544 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.973 | \$ 13.391 | \$ 109.440 |
| 18/12/2023 | 3 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.119 | (0.003) | \$ - | \$ 1.629 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.981 | \$ 13.489 | \$ 109.538 |
| 18/12/2023 | 4 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.128 | (0.003) | \$ - | \$ 1.688 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.967 | \$ 13.543 | \$ 109.592 |
| 18/12/2023 | 5 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.142 | (0.003) | \$ - | \$ 1.769 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.909 | \$ 13.579 | \$ 109.628 |
| 18/12/2023 | 6 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.106 | (0.003) | \$ - | \$ 1.570 | \$ 0.043 | \$ 0.009 | \$ - | \$ - | \$ 0.871 | \$ 13.346 | \$ 109.395 |
| 18/12/2023 | 7 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.134 | (0.003) | \$ - | \$ 1.614 | \$ 0.073 | \$ 0.009 | \$ 0.001 | \$ - | \$ 0.869 | \$ 13.451 | \$ 109.500 |
| 18/12/2023 | 8 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.144 | (0.003) | \$ - | \$ 1.672 | \$ 0.139 | \$ 0.009 | \$ 0.067 | \$ - | \$ 0.886 | \$ 13.667 | \$ 109.716 |
| 18/12/2023 | 9 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.112 | (0.003) | \$ - | \$ 1.438 | \$ 0.162 | \$ 0.009 | \$ 0.081 | \$ - | \$ 0.918 | \$ 13.468 | \$ 109.517 |
| 18/12/2023 | 10 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.122 | (0.003) | \$ - | \$ 1.586 | \$ 0.191 | \$ 0.009 | \$ 0.069 | \$ - | \$ 0.930 | \$ 13.656 | \$ 109.705 |
| 18/12/2023 | 11 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.097 | (0.003) | \$ - | \$ 1.436 | \$ 0.227 | \$ 0.009 | \$ 0.067 | \$ - | \$ 0.912 | \$ 13.495 | \$ 109.544 |
| 18/12/2023 | 12 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.096 | (0.003) | \$ - | \$ 1.502 | \$ 0.234 | \$ 0.009 | \$ 0.064 | \$ - | \$ 0.911 | \$ 13.564 | \$ 109.613 |
| 18/12/2023 | 13 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.102 | (0.003) | \$ - | \$ 1.549 | \$ 0.225 | \$ 0.008 | \$ 0.055 | \$ - | \$ 0.849 | \$ 13.536 | \$ 109.585 |
| 18/12/2023 | 14 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.103 | (0.003) | \$ - | \$ 1.551 | \$ 0.229 | \$ 0.008 | \$ 0.012 | \$ - | \$ 0.784 | \$ 13.433 | \$ 109.482 |
| 18/12/2023 | 15 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) | \$ - | \$ 1.516 | \$ 0.240 | \$ 0.007 | \$ - | \$ - | \$ 0.726 | \$ 13.341 | \$ 109.390 |
| 18/12/2023 | 16 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) | \$ - | \$ 1.590 | \$ 0.257 | \$ 0.007 | \$ - | \$ - | \$ 0.689 | \$ 13.396 | \$ 109.445 |
| 18/12/2023 | 17 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.134 | (0.003) | \$ - | \$ 1.854 | \$ 0.274 | \$ 0.006 | \$ - | \$ - | \$ 0.674 | \$ 13.692 | \$ 109.741 |
| 18/12/2023 | 18 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.146 | (0.003) | \$ - | \$ 1.807 | \$ 0.268 | \$ 0.006 | \$ 0.006 | \$ - | \$ 0.632 | \$ 13.617 | \$ 109.666 |
| 18/12/2023 | 19 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.124 | (0.003) | \$ - | \$ 1.729 | \$ 0.240 | \$ 0.006 | \$ - | \$ - | \$ 0.647 | \$ 13.495 | \$ 109.544 |
| 18/12/2023 | 20 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.116 | (0.003) | \$ - | \$ 1.633 | \$ 0.194 | \$ 0.007 | \$ - | \$ - | \$ 0.685 | \$ 13.384 | \$ 109.433 |
| 18/12/2023 | 21 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.067 | (0.003) | \$ - | \$ 1.374 | \$ 0.113 | \$ 0.007 | \$ - | \$ - | \$ 0.752 | \$ 13.058 | \$ 109.107 |
| 18/12/2023 | 22 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.113 | (0.003) | \$ - | \$ 1.527 | \$ 0.066 | \$ 0.009 | \$ - | \$ - | \$ 0.831 | \$ 13.294 | \$ 109.343 |
| 18/12/2023 | 23 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.117 | (0.003) | \$ - | \$ 1.559 | \$ 0.008 | \$ 0.009 | \$ - | \$ - | \$ 0.905 | \$ 13.347 | \$ 109.396 |
| 19/12/2023 | 0 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) | \$ - | \$ 1.494 | \$ - | \$ 0.010 | \$ 0.057 | \$ - | \$ 0.967 | \$ 13.359 | \$ 109.408 |
| 19/12/2023 | 1 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.084 | (0.003) | \$ - | \$ 1.336 | \$ - | \$ 0.010 | \$ 0.124 | \$ - | \$ 1.002 | \$ 13.302 | \$ 109.351 |
| 19/12/2023 | 2 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.085 | (0.003) | \$ - | \$ 1.343 | \$ - | \$ 0.011 | \$ 0.128 | \$ - | \$ 1.016 | \$ 13.329 | \$ 109.378 |
| 19/12/2023 | 3 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.084 | (0.003) | \$ - | \$ 1.270 | \$ - | \$ 0.011 | \$ 0.152 | \$ - | \$ 1.023 | \$ 13.286 | \$ 109.335 |
| 19/12/2023 | 4 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.070 | (0.003) | \$ - | \$ 1.345 | \$ - | \$ 0.011 | \$ 0.148 | \$ - | \$ 1.006 | \$ 13.325 | \$ 109.374 |
| 19/12/2023 | 5 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.116 | (0.003) | \$ - | \$ 1.473 | \$ - | \$ 0.010 | \$ 0.129 | \$ - | \$ 0.948 | \$ 13.425 | \$ 109.474 |
| 19/12/2023 | 6 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) | \$ - | \$ 1.413 | \$ 0.008 | \$ 0.009 | \$ 0.075 | \$ - | \$ 0.907 | \$ 13.244 | \$ 109.293 |
| 19/12/2023 | 7 | \$ 96.049 | \$ 0.664 | \$ 1.091 | \$ 9.150 | (0.003) | \$ - | \$ 1.228 | \$ 0.068 | \$ 0.009 | \$ 0.090 | \$ - | \$ 0.914 | \$ 13.210 | \$ 109.259 |
| 19/12/2023 | 8 | \$ 96.049 | \$ 0.666 | \$ 1.091 | \$ 9.185 | (0.003) | \$ - | \$ 1.316 | \$ 0.113 | \$ 0.010 | \$ 0.103 | \$ - | \$ 0.972 | \$ 13.453 | \$ 109.502 |
| 19/12/2023 | 9 | \$ 96.049 | \$ 0.666 | \$ 1.091 | \$ 9.185 | (0.003) | \$ - | \$ 1.693 | \$ 0.134 | \$ 0.010 | \$ 0.035 | \$ - | \$ 1.015 | \$ 13.824 | \$ 109.873 |
| 19/12/2023 | 10 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.112 | (0.003) | \$ - | \$ 1.659 | \$ 0.171 | \$ 0.010 | \$ 0.010 | \$ - | \$ 1.019 | \$ 13.729 | \$ 109.778 |
| 19/12/2023 | 11 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.126 | (0.003) | \$ - | \$ 1.407 | \$ 0.197 | \$ 0.009 | \$ 0.017 | \$ - | \$ 0.993 | \$ 13.499 | \$ 109.548 |
| 19/12/2023 | 12 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.130 | (0.003) | \$ - | \$ 1.591 | \$ 0.202 | \$ 0.009 | \$ 0.012 | \$ - | \$ 1.002 | \$ 13.695 | \$ 109.744 |
| 19/12/2023 | 13 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.124 | (0.003) | \$ - | \$ 1.733 | \$ 0.196 | \$ 0.009 | \$ 0.048 | \$ - | \$ 0.917 | \$ 13.775 | \$ 109.824 |
| 19/12/2023 | 14 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.101 | (0.003) | \$ - | \$ 1.566 | \$ 0.197 | \$ 0.008 | \$ 0.048 | \$ - | \$ 0.832 | \$ 13.499 | \$ 109.548 |
| 19/12/2023 | 15 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.079 | (0.003) | \$ - | \$ 1.253 | \$ 0.204 | \$ 0.007 | \$ 0.042 | \$ - | \$ 0.768 | \$ 13.099 | \$ 109.148 |
| 19/12/2023 | 16 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.080 | (0.003) | \$ - | \$ 1.246 | \$ 0.216 | \$ 0.007 | \$ - | \$ - | \$ 0.721 | \$ 13.017 | \$ 109.066 |
| 19/12/2023 | 17 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.106 | (0.003) | \$ - | \$ 1.648 | \$ 0.240 | \$ 0.007 | \$ - | \$ - | \$ 0.696 | \$ 13.446 | \$ 109.495 |
| 19/12/2023 | 18 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.113 | (0.003) | \$ - | \$ 1.580 | \$ 0.218 | \$ 0.006 | \$ - | \$ - | \$ 0.649 | \$ 13.316 | \$ 109.365 |
| 19/12/2023 | 19 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.113 | (0.003) | \$ - | \$ 1.544 | \$ 0.138 | \$ 0.006 | \$ - | \$ - | \$ 0.664 | \$ 13.215 | \$ 109.264 |
| 19/12/2023 | 20 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.098 | (0.003) | \$ - | \$ 1.394 | \$ 0.082 | \$ 0.007 | \$ - | \$ - | \$ 0.702 | \$ 13.031 | \$ 109.080 |
| 19/12/2023 | 21 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.068 | (0.003) | \$ - | \$ 1.418 | \$ 0.036 | \$ 0.007 | \$ - | \$ - | \$ 0.767 | \$ 13.041 | \$ 109.090 |
| 19/12/2023 | 22 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.113 | (0.003) | \$ - | \$ 1.301 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.836 | \$ 13.007 | \$ 109.056 |
| 19/12/2023 | 23 | \$ 96.049 | \$ 0.655 | \$ 1.091 | \$ 9.027 | (0.003) | \$ - | \$ 1.265 | \$ - | \$ 0.009 | \$ 0.088 | \$ - | \$ 0.897 | \$ 13.027 | \$ 109.076 |
| 20/12/2023 | 0 | \$ 86.134 | \$ 0.666 | \$ 1.091 | \$ 9.182 | (0.003) | \$ - | \$ 1.261 | \$ - | \$ 0.010 | \$ 0.708 | \$ - | \$ 0.953 | \$ 13.867 | \$ 100.001 |
| 20/12/2023 | 1 | \$ 86.134 | \$ 0.666 | \$ 1.091 | \$ 9.184 | (0.003) | \$ - | \$ 1.199 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.995 | \$ 13.142 | \$ 99.276 |
| 20/12/2023 | 2 | \$ 86.134 | \$ 0.659 | \$ 1.091 | \$ 9.092 | (0.003) | \$ - | \$ 1.284 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.013 | \$ 13.146 | \$ 99.280 |
| 20/12/2023 | 3 | \$ 86.134 | \$ 0.660 | \$ 1.091 | \$ 9.106 | (0.003) | \$ - | \$ 1.384 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.018 | \$ 13.267 | \$ 99.400 |
| 20/12/2023 | 4 | \$ 86.134 | \$ 0.660 | \$ 1.091 | \$ 9.095 | (0.003) | \$ - | \$ 1.362 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.994 | \$ 13.208 | \$ 99.342 |
| 20/12/2023 | 5 | \$ 86.134 | \$ 0.663 | \$ 1.091 | \$ 9.147 | (0.003) | \$ - | \$ 1.519 | \$ - | \$ 0.010 | \$ 0.341 | \$ - | \$ 0.930 | \$ 13.698 | \$ 99.832 |
| 20/12/2023 | 6 | \$ 99.833 | \$ 0.655 | \$ 1.091 | \$ 9.032 | (0.003) | \$ - | \$ 1.770 | \$ - | \$ 0.009 | \$ 0.240 | \$ - | \$ 0.893 | \$ 13.688 | \$ 113.521 |
| 20/12/2023 | 7 | \$ 99.833 | \$ 0.669 | \$ 1.091 | \$ 9.226 | (0.003) | \$ - | \$ 1.654 | \$ 0.015 | \$ 0.010 | \$ 0.314 | \$ - | \$ 0.911 | \$ 13.886 | \$ 113.719 |
| 20/12/2023 | 8 | \$ 86.134 | \$ 0.686 | \$ 1.091 | \$ 9.465 | (0.003) | \$ - | \$ 1.439 | \$ 0.094 | \$ 0.010 | \$ - | \$ - | \$ 0.962 | \$ 13.745 | \$ 99.879 |
| 20/12/2023 | 9 | \$ 86.134 | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) | \$ - | \$ 1.175 | \$ 0.107 | \$ 0.011 | \$ - | \$ - | \$ 1.007 | \$ 13.153 | \$ 99.286 |
| 20/12/2023 | 10 | \$ 86.134 | \$ 0.657 | \$ 1.091 | \$ 9.060 | (0.003) | \$ - | \$ 1.178 | \$ 0.153 | \$ 0.010 | \$ - | \$ - | \$ 0.991 | \$ 13.137 | \$ 99.271 |
| 20/12/2023 | 11 | \$ 86.134 | \$ 0.657 | \$ 1.091 | \$ 9.059 | (0.003) | \$ - | \$ 1.096 | \$ 0.155 | \$ 0.010 | \$ - | \$ - | \$ 0.968 | \$ 13.032 | \$ 99.165 |
| 20/12/2023 | 12 | \$ 86.134 | \$ 0.662 | \$ 1.091 | \$ 9.126 | (0.003) | \$ - | \$ 1.402 | \$ 0.158 | \$ 0.010 | \$ - | \$ - | \$ 0.972 | \$ 13.417 | \$ 99.551 |



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 |
|------------|------|-----------|----------|----------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|------------|
| 20/12/2023 | 13 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.092 | (0.003) \$ | - | \$ 1.686 | \$ 0.153 | \$ 0.009 | \$ - | \$ - | \$ 0.902 | \$ 13.589 | \$ 113.422 |
| 20/12/2023 | 14 | \$ 99.833 | \$ 0.657 | \$ 1.091 | \$ 9.059 | (0.003) \$ | - | \$ 1.391 | \$ 0.156 | \$ 0.008 | \$ - | \$ - | \$ 0.831 | \$ 13.190 | \$ 113.008 |
| 20/12/2023 | 15 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.088 | (0.003) \$ | - | \$ 1.420 | \$ 0.164 | \$ 0.008 | \$ 0.142 | \$ - | \$ 0.766 | \$ 13.334 | \$ 113.167 |
| 20/12/2023 | 16 | \$ 99.833 | \$ 0.657 | \$ 1.091 | \$ 9.059 | (0.003) \$ | - | \$ 1.461 | \$ 0.172 | \$ 0.007 | \$ 0.288 | \$ - | \$ 0.714 | \$ 13.446 | \$ 113.279 |
| 20/12/2023 | 17 | \$ 96.049 | \$ 0.665 | \$ 1.091 | \$ 9.168 | (0.003) \$ | - | \$ 1.908 | \$ 0.188 | \$ 0.007 | \$ - | \$ - | \$ 0.681 | \$ 13.704 | \$ 109.753 |
| 20/12/2023 | 18 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.095 | (0.003) \$ | - | \$ 1.715 | \$ 0.188 | \$ 0.006 | \$ - | \$ - | \$ 0.635 | \$ 13.386 | \$ 109.435 |
| 20/12/2023 | 19 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.096 | (0.003) \$ | - | \$ 1.536 | \$ 0.156 | \$ 0.007 | \$ - | \$ - | \$ 0.650 | \$ 13.192 | \$ 109.241 |
| 20/12/2023 | 20 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.082 | (0.003) \$ | - | \$ 1.512 | \$ 0.104 | \$ 0.007 | \$ - | \$ - | \$ 0.676 | \$ 13.126 | \$ 109.175 |
| 20/12/2023 | 21 | \$ 96.049 | \$ 0.656 | \$ 1.091 | \$ 9.042 | (0.003) \$ | - | \$ 1.421 | \$ 0.074 | \$ 0.007 | \$ - | \$ - | \$ 0.733 | \$ 13.024 | \$ 109.069 |
| 20/12/2023 | 22 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.120 | (0.003) \$ | - | \$ 1.449 | \$ 0.066 | \$ 0.008 | \$ 0.114 | \$ - | \$ 0.806 | \$ 13.314 | \$ 109.363 |
| 20/12/2023 | 23 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.073 | (0.003) \$ | - | \$ 1.431 | \$ 0.058 | \$ 0.009 | \$ 0.135 | \$ - | \$ 0.881 | \$ 13.332 | \$ 109.381 |
| 21/12/2023 | 0 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.078 | (0.003) \$ | - | \$ 1.400 | \$ - | \$ 0.010 | \$ 0.107 | \$ - | \$ 0.937 | \$ 13.277 | \$ 113.110 |
| 21/12/2023 | 1 | \$ 85.374 | \$ 0.658 | \$ 1.091 | \$ 9.067 | (0.003) \$ | - | \$ 1.232 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.981 | \$ 13.035 | \$ 98.410 |
| 21/12/2023 | 2 | \$ 85.374 | \$ 0.659 | \$ 1.091 | \$ 9.091 | (0.003) \$ | - | \$ 1.222 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.999 | \$ 13.070 | \$ 98.444 |
| 21/12/2023 | 3 | \$ 85.374 | \$ 0.657 | \$ 1.091 | \$ 9.064 | (0.003) \$ | - | \$ 1.321 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 1.003 | \$ 13.144 | \$ 98.518 |
| 21/12/2023 | 4 | \$ 85.374 | \$ 0.658 | \$ 1.091 | \$ 9.066 | (0.003) \$ | - | \$ 1.376 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.980 | \$ 13.177 | \$ 98.552 |
| 21/12/2023 | 5 | \$ 85.374 | \$ 0.659 | \$ 1.091 | \$ 9.090 | (0.003) \$ | - | \$ 1.228 | \$ - | \$ 0.010 | \$ 0.083 | \$ - | \$ 0.928 | \$ 13.086 | \$ 98.460 |
| 21/12/2023 | 6 | \$ 99.833 | \$ 0.655 | \$ 1.091 | \$ 9.032 | (0.003) \$ | - | \$ 1.771 | \$ - | \$ 0.009 | \$ 0.314 | \$ - | \$ 0.896 | \$ 13.765 | \$ 113.598 |
| 21/12/2023 | 7 | \$ 99.833 | \$ 0.664 | \$ 1.091 | \$ 9.149 | (0.003) \$ | - | \$ 1.516 | \$ - | \$ 0.010 | \$ 0.113 | \$ - | \$ 0.920 | \$ 13.459 | \$ 113.292 |
| 21/12/2023 | 8 | \$ 85.374 | \$ 0.662 | \$ 1.091 | \$ 9.121 | (0.003) \$ | - | \$ 1.441 | \$ 0.113 | \$ 0.010 | \$ - | \$ - | \$ 0.971 | \$ 13.406 | \$ 98.780 |
| 21/12/2023 | 9 | \$ 85.374 | \$ 0.666 | \$ 1.091 | \$ 9.186 | (0.003) \$ | - | \$ 1.579 | \$ 0.168 | \$ 0.010 | \$ - | \$ - | \$ 1.014 | \$ 13.711 | \$ 99.085 |
| 21/12/2023 | 10 | \$ 85.374 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) \$ | - | \$ 1.613 | \$ 0.199 | \$ 0.010 | \$ - | \$ - | \$ 1.002 | \$ 13.682 | \$ 99.056 |
| 21/12/2023 | 11 | \$ 85.374 | \$ 0.653 | \$ 1.091 | \$ 9.003 | (0.003) \$ | - | \$ 1.559 | \$ 0.197 | \$ 0.010 | \$ - | \$ - | \$ 0.981 | \$ 13.491 | \$ 98.865 |
| 21/12/2023 | 12 | \$ 85.374 | \$ 0.676 | \$ 1.091 | \$ 9.326 | (0.003) \$ | - | \$ 1.506 | \$ 0.201 | \$ 0.010 | \$ - | \$ - | \$ 0.985 | \$ 13.792 | \$ 99.167 |
| 21/12/2023 | 13 | \$ 85.374 | \$ 0.663 | \$ 1.091 | \$ 9.136 | (0.003) \$ | - | \$ 1.554 | \$ 0.224 | \$ 0.009 | \$ - | \$ - | \$ 0.909 | \$ 13.582 | \$ 98.956 |
| 21/12/2023 | 14 | \$ 99.833 | \$ 0.657 | \$ 1.091 | \$ 9.063 | (0.003) \$ | - | \$ 1.744 | \$ 0.226 | \$ 0.009 | \$ 0.329 | \$ - | \$ 0.837 | \$ 13.951 | \$ 113.784 |
| 21/12/2023 | 15 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.084 | (0.003) \$ | - | \$ 1.670 | \$ 0.240 | \$ 0.008 | \$ 0.085 | \$ - | \$ 0.767 | \$ 13.601 | \$ 113.434 |
| 21/12/2023 | 16 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) \$ | - | \$ 1.471 | \$ 0.250 | \$ 0.007 | \$ 0.273 | \$ - | \$ 0.707 | \$ 13.541 | \$ 113.374 |
| 21/12/2023 | 17 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.119 | (0.003) \$ | - | \$ 1.693 | \$ 0.262 | \$ 0.007 | \$ - | \$ - | \$ 0.677 | \$ 13.506 | \$ 109.555 |
| 21/12/2023 | 18 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.100 | (0.003) \$ | - | \$ 1.717 | \$ 0.271 | \$ 0.007 | \$ - | \$ - | \$ 0.631 | \$ 13.474 | \$ 109.523 |
| 21/12/2023 | 19 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) \$ | - | \$ 1.625 | \$ 0.260 | \$ 0.007 | \$ - | \$ - | \$ 0.639 | \$ 13.383 | \$ 109.432 |
| 21/12/2023 | 20 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.132 | (0.003) \$ | - | \$ 1.576 | \$ 0.166 | \$ 0.007 | \$ - | \$ - | \$ 0.666 | \$ 13.298 | \$ 109.347 |
| 21/12/2023 | 21 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.076 | (0.003) \$ | - | \$ 1.552 | \$ 0.150 | \$ 0.008 | \$ - | \$ - | \$ 0.724 | \$ 13.256 | \$ 109.305 |
| 21/12/2023 | 22 | \$ 96.049 | \$ 0.668 | \$ 1.091 | \$ 9.212 | (0.003) \$ | - | \$ 1.625 | \$ 0.123 | \$ 0.008 | \$ 0.043 | \$ - | \$ 0.794 | \$ 13.560 | \$ 109.609 |
| 21/12/2023 | 23 | \$ 96.049 | \$ 0.657 | \$ 1.091 | \$ 9.064 | (0.003) \$ | - | \$ 1.538 | \$ 0.019 | \$ 0.009 | \$ 0.138 | \$ - | \$ 0.861 | \$ 13.374 | \$ 109.423 |
| 22/12/2023 | 0 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.076 | (0.003) \$ | - | \$ 1.619 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.912 | \$ 13.363 | \$ 113.196 |
| 22/12/2023 | 1 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.072 | (0.003) \$ | - | \$ 1.587 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.950 | \$ 13.364 | \$ 113.197 |
| 22/12/2023 | 2 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.067 | (0.003) \$ | - | \$ 1.585 | \$ - | \$ 0.010 | \$ 0.202 | \$ - | \$ 0.975 | \$ 13.585 | \$ 113.418 |
| 22/12/2023 | 3 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.080 | (0.003) \$ | - | \$ 1.628 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.984 | \$ 13.449 | \$ 113.282 |
| 22/12/2023 | 4 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.077 | (0.003) \$ | - | \$ 1.700 | \$ - | \$ 0.010 | \$ 0.201 | \$ - | \$ 0.960 | \$ 13.694 | \$ 113.527 |
| 22/12/2023 | 5 | \$ 99.833 | \$ 0.663 | \$ 1.091 | \$ 9.139 | (0.003) \$ | - | \$ 1.832 | \$ - | \$ 0.009 | \$ 0.172 | \$ - | \$ 0.908 | \$ 13.812 | \$ 113.645 |
| 22/12/2023 | 6 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.077 | (0.003) \$ | - | \$ 1.887 | \$ - | \$ 0.009 | \$ 0.293 | \$ - | \$ 0.872 | \$ 13.885 | \$ 113.718 |
| 22/12/2023 | 7 | \$ 99.833 | \$ 0.667 | \$ 1.091 | \$ 9.197 | (0.003) \$ | - | \$ 1.620 | \$ - | \$ 0.009 | \$ 0.127 | \$ - | \$ 0.892 | \$ 13.599 | \$ 113.432 |
| 22/12/2023 | 8 | \$ 99.833 | \$ 0.661 | \$ 1.091 | \$ 9.111 | (0.003) \$ | - | \$ 1.735 | \$ 0.066 | \$ 0.010 | \$ 0.107 | \$ - | \$ 0.929 | \$ 13.707 | \$ 113.540 |
| 22/12/2023 | 9 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.073 | (0.003) \$ | - | \$ 1.817 | \$ 0.123 | \$ 0.010 | \$ 0.195 | \$ - | \$ 0.946 | \$ 13.908 | \$ 113.741 |
| 22/12/2023 | 10 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.070 | (0.003) \$ | - | \$ 1.740 | \$ 0.143 | \$ 0.010 | \$ 0.004 | \$ - | \$ 0.934 | \$ 13.646 | \$ 113.479 |
| 22/12/2023 | 11 | \$ 99.833 | \$ 0.661 | \$ 1.091 | \$ 9.118 | (0.003) \$ | - | \$ 1.750 | \$ 0.184 | \$ 0.009 | \$ 0.317 | \$ - | \$ 0.893 | \$ 14.021 | \$ 113.854 |
| 22/12/2023 | 12 | \$ 99.833 | \$ 0.662 | \$ 1.091 | \$ 9.127 | (0.003) \$ | - | \$ 1.708 | \$ 0.211 | \$ 0.009 | \$ 0.042 | \$ - | \$ 0.892 | \$ 13.739 | \$ 113.572 |
| 22/12/2023 | 13 | \$ 85.753 | \$ 0.657 | \$ 1.091 | \$ 9.065 | (0.003) \$ | - | \$ 1.260 | \$ 0.205 | \$ 0.009 | \$ 0.086 | \$ - | \$ 0.841 | \$ 13.209 | \$ 98.962 |
| 22/12/2023 | 14 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) \$ | - | \$ 1.616 | \$ 0.209 | \$ 0.008 | \$ 0.251 | \$ - | \$ 0.777 | \$ 13.694 | \$ 113.527 |
| 22/12/2023 | 15 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.093 | (0.003) \$ | - | \$ 1.640 | \$ 0.218 | \$ 0.007 | \$ 0.260 | \$ - | \$ 0.708 | \$ 13.673 | \$ 113.506 |
| 22/12/2023 | 16 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.101 | (0.003) \$ | - | \$ 1.649 | \$ 0.228 | \$ 0.007 | \$ - | \$ - | \$ 0.679 | \$ 13.412 | \$ 109.461 |
| 22/12/2023 | 17 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.133 | (0.003) \$ | - | \$ 1.904 | \$ 0.244 | \$ 0.007 | \$ - | \$ - | \$ 0.655 | \$ 13.692 | \$ 109.741 |
| 22/12/2023 | 18 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.111 | (0.003) \$ | - | \$ 1.770 | \$ 0.245 | \$ 0.006 | \$ - | \$ - | \$ 0.618 | \$ 13.498 | \$ 109.547 |
| 22/12/2023 | 19 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) \$ | - | \$ 1.703 | \$ 0.227 | \$ 0.006 | \$ - | \$ - | \$ 0.627 | \$ 13.423 | \$ 109.472 |
| 22/12/2023 | 20 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.103 | (0.003) \$ | - | \$ 1.629 | \$ 0.170 | \$ 0.007 | \$ - | \$ - | \$ 0.650 | \$ 13.306 | \$ 109.355 |
| 22/12/2023 | 21 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) \$ | - | \$ 1.871 | \$ 0.122 | \$ 0.007 | \$ - | \$ - | \$ 0.690 | \$ 13.549 | \$ 109.598 |
| 22/12/2023 | 22 | \$ 96.049 | \$ 0.666 | \$ 1.091 | \$ 9.176 | (0.003) \$ | - | \$ 1.949 | \$ 0.068 | \$ 0.008 | \$ - | \$ - | \$ 0.742 | \$ 13.697 | \$ 109.746 |
| 22/12/2023 | 23 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.120 | (0.003) \$ | - | \$ 1.738 | \$ 0.066 | \$ 0.008 | \$ 0.039 | \$ - | \$ 0.801 | \$ 13.522 | \$ 109.571 |
| 23/12/2023 | 0 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.103 | (0.003) \$ | - | \$ 1.559 | \$ 0.049 | \$ 0.009 | \$ 0.096 | \$ - | \$ 0.852 | \$ 13.416 | \$ 109.465 |
| 23/12/2023 | 1 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.101 | (0.003) \$ | - | \$ 1.525 | \$ - | \$ 0.009 | \$ 0.137 | \$ - | \$ 0.893 | \$ 13.412 | \$ 109.461 |
| 23/12/2023 | 2 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.100 | (0.003) \$ | - | \$ 1.509 | \$ - | \$ 0.010 | \$ 0.153 | \$ - | \$ 0.919 | \$ 13.439 | \$ 109.488 |
| 23/12/2023 | 3 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.117 | (0.003) \$ | - | \$ 1.570 | \$ - | \$ 0.010 | \$ 0.158 | \$ - | \$ 0.937 | \$ 13.541 | \$ 109.590 |
| 23/12/2023 | 4 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.107 | (0.003) \$ | - | \$ 1.597 | \$ - | \$ 0.010 | \$ 0.156 | \$ - | \$ 0.926 | \$ 13.543 | \$ 109.592 |
| 23/12/2023 | 5 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.075 | (0.003) \$ | - | \$ 1.583 | \$ - | \$ 0.009 | \$ 0.136 | \$ - | \$ 0.906 | \$ 13.456 | \$ 109.505 |
| 23/12/2023 | 6 | \$ 91.130 | \$ 0.658 | \$ 1.091 | \$ 9.077 | (0.003) \$ | - | \$ 1.392 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.901 | \$ 13.125 | \$ 104.255 |
| 23/12/2023 | 7 | \$ 91.130 | \$ 0.657 | \$ 1.091 | \$ 9.064 | (0.003) \$ | - | \$ 1.460 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.909 | \$ 13.188 | \$ 104.317 |

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 |
|------------|------|------------|----------|----------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|------------|
| 23/12/2023 | 8 | \$ 114.350 | \$ 0.660 | \$ 1.091 | \$ 9.101 | (0.003) | \$ - | \$ 1.606 | \$ - | \$ 0.010 | \$ 0.249 | \$ - | \$ 0.947 | \$ 13.659 | \$ 128.009 |
| 23/12/2023 | 9 | \$ 114.350 | \$ 0.675 | \$ 1.091 | \$ 9.314 | (0.003) | \$ - | \$ 1.721 | \$ 0.062 | \$ 0.010 | \$ 0.241 | \$ - | \$ 0.999 | \$ 14.110 | \$ 128.460 |
| 23/12/2023 | 10 | \$ 114.350 | \$ 0.671 | \$ 1.091 | \$ 9.258 | (0.003) | \$ - | \$ 2.012 | \$ 0.089 | \$ 0.011 | \$ 0.055 | \$ - | \$ 1.033 | \$ 14.216 | \$ 128.566 |
| 23/12/2023 | 11 | \$ 86.210 | \$ 0.665 | \$ 1.091 | \$ 9.176 | (0.003) | \$ - | \$ 1.554 | \$ 0.130 | \$ 0.011 | \$ - | \$ - | \$ 1.032 | \$ 13.656 | \$ 99.866 |
| 23/12/2023 | 12 | \$ 86.210 | \$ 0.669 | \$ 1.091 | \$ 9.229 | (0.003) | \$ - | \$ 1.398 | \$ 0.148 | \$ 0.011 | \$ - | \$ - | \$ 1.054 | \$ 13.597 | \$ 99.807 |
| 23/12/2023 | 13 | \$ 86.210 | \$ 0.655 | \$ 1.091 | \$ 9.037 | (0.003) | \$ - | \$ 1.399 | \$ 0.148 | \$ 0.011 | \$ - | \$ - | \$ 1.027 | \$ 13.365 | \$ 99.575 |
| 23/12/2023 | 14 | \$ 86.210 | \$ 0.654 | \$ 1.091 | \$ 9.012 | (0.003) | \$ - | \$ 1.312 | \$ 0.153 | \$ 0.010 | \$ - | \$ - | \$ 0.964 | \$ 13.192 | \$ 99.402 |
| 23/12/2023 | 15 | \$ 90.253 | \$ 0.661 | \$ 1.091 | \$ 9.107 | (0.003) | \$ - | \$ 1.366 | \$ 0.161 | \$ 0.009 | \$ - | \$ - | \$ 0.869 | \$ 13.260 | \$ 103.513 |
| 23/12/2023 | 16 | \$ 90.253 | \$ 0.656 | \$ 1.091 | \$ 9.052 | (0.003) | \$ - | \$ 1.336 | \$ 0.167 | \$ 0.008 | \$ - | \$ - | \$ 0.771 | \$ 13.077 | \$ 103.331 |
| 23/12/2023 | 17 | \$ 91.130 | \$ 0.663 | \$ 1.091 | \$ 9.137 | (0.003) | \$ - | \$ 1.588 | \$ 0.172 | \$ 0.007 | \$ - | \$ - | \$ 0.699 | \$ 13.354 | \$ 104.483 |
| 23/12/2023 | 18 | \$ 91.130 | \$ 0.659 | \$ 1.091 | \$ 9.087 | (0.003) | \$ - | \$ 1.567 | \$ 0.172 | \$ 0.007 | \$ - | \$ - | \$ 0.644 | \$ 13.224 | \$ 104.353 |
| 23/12/2023 | 19 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.085 | (0.003) | \$ - | \$ 1.503 | \$ 0.161 | \$ 0.007 | \$ 0.182 | \$ - | \$ 0.649 | \$ 13.333 | \$ 113.166 |
| 23/12/2023 | 20 | \$ 99.833 | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) | \$ - | \$ 1.601 | \$ 0.128 | \$ 0.007 | \$ 0.497 | \$ - | \$ 0.670 | \$ 13.756 | \$ 113.589 |
| 23/12/2023 | 21 | \$ 99.833 | \$ 0.656 | \$ 1.091 | \$ 9.044 | (0.003) | \$ - | \$ 1.440 | \$ 0.117 | \$ 0.007 | \$ 0.575 | \$ - | \$ 0.706 | \$ 13.633 | \$ 113.466 |
| 23/12/2023 | 22 | \$ 99.833 | \$ 0.663 | \$ 1.091 | \$ 9.148 | (0.003) | \$ - | \$ 1.781 | \$ 0.016 | \$ 0.008 | \$ 0.332 | \$ - | \$ 0.767 | \$ 13.803 | \$ 113.636 |
| 23/12/2023 | 23 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.102 | (0.003) | \$ - | \$ 1.598 | \$ - | \$ 0.009 | \$ 0.072 | \$ - | \$ 0.830 | \$ 13.359 | \$ 109.408 |
| 24/12/2023 | 0 | \$ 96.049 | \$ 0.657 | \$ 1.091 | \$ 9.057 | (0.003) | \$ - | \$ 1.520 | \$ - | \$ 0.009 | \$ 0.023 | \$ - | \$ 0.882 | \$ 13.234 | \$ 109.283 |
| 24/12/2023 | 1 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.073 | (0.003) | \$ - | \$ 1.485 | \$ - | \$ 0.010 | \$ 0.052 | \$ - | \$ 0.917 | \$ 13.281 | \$ 109.330 |
| 24/12/2023 | 2 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.080 | (0.003) | \$ - | \$ 1.477 | \$ - | \$ 0.010 | \$ 0.073 | \$ - | \$ 0.949 | \$ 13.334 | \$ 109.383 |
| 24/12/2023 | 3 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.078 | (0.003) | \$ - | \$ 1.471 | \$ - | \$ 0.010 | \$ 0.096 | \$ - | \$ 0.967 | \$ 13.370 | \$ 109.419 |
| 24/12/2023 | 4 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.078 | (0.003) | \$ - | \$ 1.576 | \$ - | \$ 0.010 | \$ 0.117 | \$ - | \$ 0.990 | \$ 13.518 | \$ 109.567 |
| 24/12/2023 | 5 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.085 | (0.003) | \$ - | \$ 1.529 | \$ - | \$ 0.010 | \$ 0.043 | \$ - | \$ 0.974 | \$ 13.387 | \$ 109.436 |
| 24/12/2023 | 6 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.103 | (0.003) | \$ - | \$ 1.423 | \$ - | \$ 0.010 | \$ 0.052 | \$ - | \$ 0.994 | \$ 13.330 | \$ 109.379 |
| 24/12/2023 | 7 | \$ 96.049 | \$ 0.655 | \$ 1.091 | \$ 9.029 | (0.003) | \$ - | \$ 1.311 | \$ - | \$ 0.011 | \$ 0.101 | \$ - | \$ 0.959 | \$ 13.253 | \$ 109.302 |
| 24/12/2023 | 8 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.121 | (0.003) | \$ - | \$ 1.329 | \$ - | \$ 0.012 | \$ 0.160 | \$ - | \$ 1.161 | \$ 13.532 | \$ 109.581 |
| 24/12/2023 | 9 | \$ - | \$ 0.671 | \$ 1.091 | \$ 9.246 | (0.003) | \$ - | \$ - | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.233 | \$ 13.249 | \$ 112.249 |
| 24/12/2023 | 10 | \$ - | \$ 0.659 | \$ 1.091 | \$ 9.090 | (0.003) | \$ - | \$ - | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.268 | \$ 12.117 | \$ 12.117 |
| 24/12/2023 | 11 | \$ - | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) | \$ - | \$ - | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.259 | \$ 12.124 | \$ 12.124 |
| 24/12/2023 | 12 | \$ - | \$ 0.661 | \$ 1.091 | \$ 9.109 | (0.003) | \$ - | \$ - | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.208 | \$ 12.077 | \$ 12.077 |
| 24/12/2023 | 13 | \$ 4.884 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) | \$ - | \$ 0.187 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.121 | \$ 12.176 | \$ 17.060 |
| 24/12/2023 | 14 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.075 | (0.003) | \$ - | \$ 1.550 | \$ - | \$ 0.011 | \$ 0.102 | \$ - | \$ 1.038 | \$ 13.522 | \$ 113.355 |
| 24/12/2023 | 15 | \$ 99.833 | \$ 0.657 | \$ 1.091 | \$ 9.056 | (0.003) | \$ - | \$ 1.572 | \$ - | \$ 0.010 | \$ 0.043 | \$ - | \$ 0.927 | \$ 13.353 | \$ 113.186 |
| 24/12/2023 | 16 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.140 | (0.003) | \$ - | \$ 1.534 | \$ - | \$ 0.009 | \$ 0.082 | \$ - | \$ 0.857 | \$ 13.373 | \$ 109.422 |
| 24/12/2023 | 17 | \$ 96.049 | \$ 0.665 | \$ 1.091 | \$ 9.163 | (0.003) | \$ - | \$ 1.955 | \$ 0.011 | \$ 0.008 | \$ - | \$ - | \$ 0.792 | \$ 13.682 | \$ 109.731 |
| 24/12/2023 | 18 | \$ 96.049 | \$ 0.657 | \$ 1.091 | \$ 9.052 | (0.003) | \$ - | \$ 1.709 | \$ 0.026 | \$ 0.007 | \$ - | \$ - | \$ 0.716 | \$ 13.254 | \$ 109.303 |
| 24/12/2023 | 19 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) | \$ - | \$ 1.626 | \$ 0.027 | \$ 0.007 | \$ - | \$ - | \$ 0.747 | \$ 13.259 | \$ 109.308 |
| 24/12/2023 | 20 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.113 | (0.003) | \$ - | \$ 1.713 | \$ 0.009 | \$ 0.008 | \$ - | \$ - | \$ 0.793 | \$ 13.384 | \$ 109.433 |
| 24/12/2023 | 21 | \$ 96.049 | \$ 0.657 | \$ 1.091 | \$ 9.057 | (0.003) | \$ - | \$ 1.811 | \$ - | \$ 0.008 | \$ - | \$ - | \$ 0.836 | \$ 13.456 | \$ 109.505 |
| 24/12/2023 | 22 | \$ 96.049 | \$ 0.670 | \$ 1.091 | \$ 9.236 | (0.003) | \$ - | \$ 1.759 | \$ - | \$ 0.009 | \$ 0.109 | \$ - | \$ 0.875 | \$ 13.746 | \$ 109.795 |
| 24/12/2023 | 23 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.069 | (0.003) | \$ - | \$ 1.638 | \$ - | \$ 0.010 | \$ 0.115 | \$ - | \$ 0.914 | \$ 13.490 | \$ 109.539 |
| 25/12/2023 | 0 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.094 | (0.003) | \$ - | \$ 1.670 | \$ - | \$ 0.010 | \$ 0.093 | \$ - | \$ 0.959 | \$ 13.574 | \$ 109.623 |
| 25/12/2023 | 1 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.134 | (0.003) | \$ - | \$ 1.699 | \$ - | \$ 0.011 | \$ 0.115 | \$ - | \$ 1.006 | \$ 13.714 | \$ 109.763 |
| 25/12/2023 | 2 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.095 | (0.003) | \$ - | \$ 1.652 | \$ - | \$ 0.011 | \$ 0.141 | \$ - | \$ 1.051 | \$ 13.697 | \$ 109.746 |
| 25/12/2023 | 3 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.083 | (0.003) | \$ - | \$ 1.636 | \$ - | \$ 0.011 | \$ 0.154 | \$ - | \$ 1.089 | \$ 13.720 | \$ 109.769 |
| 25/12/2023 | 4 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.092 | (0.003) | \$ - | \$ 1.649 | \$ - | \$ 0.011 | \$ 0.137 | \$ - | \$ 1.100 | \$ 13.738 | \$ 109.787 |
| 25/12/2023 | 5 | \$ 96.049 | \$ 0.656 | \$ 1.091 | \$ 9.043 | (0.003) | \$ - | \$ 1.658 | \$ - | \$ 0.011 | \$ 0.048 | \$ - | \$ 1.100 | \$ 13.603 | \$ 109.652 |
| 25/12/2023 | 6 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.101 | (0.003) | \$ - | \$ 1.606 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.157 | \$ 13.624 | \$ 109.673 |
| 25/12/2023 | 7 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) | \$ - | \$ 1.631 | \$ - | \$ 0.013 | \$ 0.106 | \$ - | \$ 1.223 | \$ 13.825 | \$ 109.874 |
| 25/12/2023 | 8 | \$ 96.049 | \$ 0.684 | \$ 1.091 | \$ 9.425 | (0.003) | \$ - | \$ 1.610 | \$ - | \$ 0.014 | \$ 0.145 | \$ - | \$ 1.378 | \$ 14.344 | \$ 110.393 |
| 25/12/2023 | 9 | \$ - | \$ 0.667 | \$ 1.091 | \$ 9.197 | (0.003) | \$ - | \$ - | \$ - | \$ 0.014 | \$ - | \$ - | \$ 1.505 | \$ 12.470 | \$ 12.470 |
| 25/12/2023 | 10 | \$ - | \$ 0.655 | \$ 1.091 | \$ 9.036 | (0.003) | \$ - | \$ - | \$ - | \$ 0.014 | \$ - | \$ - | \$ 1.502 | \$ 12.295 | \$ 12.295 |
| 25/12/2023 | 11 | \$ - | \$ 0.659 | \$ 1.091 | \$ 9.091 | (0.003) | \$ - | \$ - | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.428 | \$ 12.279 | \$ 12.279 |
| 25/12/2023 | 12 | \$ 4.884 | \$ 0.671 | \$ 1.091 | \$ 9.257 | (0.003) | \$ - | \$ 0.283 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.324 | \$ 12.636 | \$ 17.520 |
| 25/12/2023 | 13 | \$ 4.884 | \$ 0.695 | \$ 1.091 | \$ 9.586 | (0.003) | \$ - | \$ 0.130 | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.289 | \$ 12.800 | \$ 17.684 |
| 25/12/2023 | 14 | \$ 6.647 | \$ 0.674 | \$ 1.091 | \$ 9.300 | (0.003) | \$ - | \$ 0.127 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.190 | \$ 12.390 | \$ 19.037 |
| 25/12/2023 | 15 | \$ 83.979 | \$ 0.653 | \$ 1.091 | \$ 8.998 | (0.003) | \$ - | \$ 1.318 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.081 | \$ 13.147 | \$ 97.127 |
| 25/12/2023 | 16 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.077 | (0.003) | \$ - | \$ 1.334 | \$ - | \$ 0.010 | \$ 0.150 | \$ - | \$ 0.945 | \$ 13.263 | \$ 113.096 |
| 25/12/2023 | 17 | \$ 99.833 | \$ 0.660 | \$ 1.091 | \$ 9.094 | (0.003) | \$ - | \$ 1.573 | \$ - | \$ 0.009 | \$ 0.214 | \$ - | \$ 0.843 | \$ 13.480 | \$ 113.313 |
| 25/12/2023 | 18 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.090 | (0.003) | \$ - | \$ 1.585 | \$ - | \$ 0.008 | \$ - | \$ - | \$ 0.742 | \$ 13.171 | \$ 109.220 |
| 25/12/2023 | 19 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.117 | (0.003) | \$ - | \$ 1.701 | \$ - | \$ 0.008 | \$ - | \$ - | \$ 0.742 | \$ 13.317 | \$ 109.366 |
| 25/12/2023 | 20 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.116 | (0.003) | \$ - | \$ 1.818 | \$ - | \$ 0.008 | \$ - | \$ - | \$ 0.769 | \$ 13.460 | \$ 109.509 |
| 25/12/2023 | 21 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.094 | (0.003) | \$ - | \$ 1.760 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.824 | \$ 13.433 | \$ 109.482 |
| 25/12/2023 | 22 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.111 | (0.003) | \$ - | \$ 1.495 | \$ - | \$ 0.009 | \$ 0.085 | \$ - | \$ 0.882 | \$ 13.329 | \$ 109.378 |
| 25/12/2023 | 23 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.078 | (0.003) | \$ - | \$ 1.489 | \$ - | \$ 0.010 | \$ 0.117 | \$ - | \$ 0.944 | \$ 13.384 | \$ 109.433 |
| 26/12/2023 | 0 | \$ 96.049 | \$ 0.664 | \$ 1.091 | \$ 9.154 | (0.003) | \$ - | \$ 1.529 | \$ - | \$ 0.010 | \$ 0.168 | \$ - | \$ 1.005 | \$ 13.617 | \$ 109.666 |
| 26/12/2023 | 1 | \$ 96.049 | \$ 0.657 | \$ 1.091 | \$ 9.065 | (0.003) | \$ - | \$ 1.502 | \$ - | \$ 0.011 | \$ 0.162 | \$ - | \$ 1.037 | \$ 13.520 | \$ 109.569 |
| 26/12/2023 | 2 | \$ 96.049 | \$ 0.657 | \$ 1.091 | \$ 9.059 | (0.003) | \$ - | \$ 1.543 | \$ - | \$ 0.011 | \$ 0.168 | \$ - | \$ 1.067 | \$ 13.594 | \$ 109.643 |



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 |
|------------|------|-----------|----------|----------|----------|-----------------|-------|----------|-----------|-----------|----------|------|----------|-----------|------------|
| 26/12/2023 | 3 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.080 | (0.003) | \$ - | \$ 1.491 | \$ - | \$ 0.011 | \$ 0.166 | \$ - | \$ 1.081 | \$ 13.575 | \$ 109.624 |
| 26/12/2023 | 4 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.100 | (0.003) | \$ - | \$ 1.587 | \$ - | \$ 0.011 | \$ 0.159 | \$ - | \$ 1.057 | \$ 13.662 | \$ 109.711 |
| 26/12/2023 | 5 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.101 | (0.003) | \$ - | \$ 1.820 | \$ - | \$ 0.011 | \$ 0.063 | \$ - | \$ 1.006 | \$ 13.748 | \$ 109.797 |
| 26/12/2023 | 6 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.140 | (0.003) | \$ - | \$ 1.871 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.951 | \$ 13.721 | \$ 109.770 |
| 26/12/2023 | 7 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.109 | (0.003) | \$ - | \$ 1.728 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.930 | \$ 13.524 | \$ 109.573 |
| 26/12/2023 | 8 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.135 | (0.003) | \$ - | \$ 1.724 | \$ 0.039 | \$ 0.010 | \$ 0.005 | \$ - | \$ 0.938 | \$ 13.601 | \$ 109.650 |
| 26/12/2023 | 9 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.136 | (0.003) | \$ - | \$ 1.768 | \$ 0.177 | \$ 0.010 | \$ - | \$ - | \$ 0.927 | \$ 13.768 | \$ 109.817 |
| 26/12/2023 | 10 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.114 | (0.003) | \$ - | \$ 1.754 | \$ 0.228 | \$ 0.009 | \$ - | \$ - | \$ 0.901 | \$ 13.754 | \$ 109.803 |
| 26/12/2023 | 11 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.140 | (0.003) | \$ - | \$ 1.942 | \$ 0.257 | \$ 0.009 | \$ - | \$ - | \$ 0.874 | \$ 13.972 | \$ 110.021 |
| 26/12/2023 | 12 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.132 | (0.003) | \$ - | \$ 1.754 | \$ 0.266 | \$ 0.009 | \$ - | \$ - | \$ 0.869 | \$ 13.780 | \$ 109.829 |
| 26/12/2023 | 13 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.119 | (0.003) | \$ - | \$ 1.921 | \$ 0.257 | \$ 0.008 | \$ - | \$ - | \$ 0.833 | \$ 13.886 | \$ 109.935 |
| 26/12/2023 | 14 | \$ 96.049 | \$ 0.665 | \$ 1.091 | \$ 9.166 | (0.003) | \$ - | \$ 1.885 | \$ 0.254 | \$ 0.008 | \$ - | \$ - | \$ 0.783 | \$ 13.849 | \$ 109.898 |
| 26/12/2023 | 15 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.122 | (0.003) | \$ - | \$ 1.795 | \$ 0.290 | \$ 0.008 | \$ - | \$ - | \$ 0.723 | \$ 13.687 | \$ 109.736 |
| 26/12/2023 | 16 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) | \$ - | \$ 1.619 | \$ 0.303 | \$ 0.007 | \$ - | \$ - | \$ 0.680 | \$ 13.467 | \$ 109.516 |
| 26/12/2023 | 17 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.138 | (0.003) | \$ - | \$ 1.802 | \$ 0.238 | \$ 0.007 | \$ - | \$ - | \$ 0.671 | \$ 13.606 | \$ 109.655 |
| 26/12/2023 | 18 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.135 | (0.003) | \$ - | \$ 1.887 | \$ 0.242 | \$ 0.006 | \$ - | \$ - | \$ 0.624 | \$ 13.644 | \$ 109.693 |
| 26/12/2023 | 19 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.141 | (0.003) | \$ - | \$ 1.843 | \$ 0.213 | \$ 0.006 | \$ 0.024 | \$ - | \$ 0.628 | \$ 13.605 | \$ 109.654 |
| 26/12/2023 | 20 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.133 | (0.003) | \$ - | \$ 1.838 | \$ 0.164 | \$ 0.006 | \$ 0.017 | \$ - | \$ 0.651 | \$ 13.560 | \$ 109.609 |
| 26/12/2023 | 21 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.088 | (0.003) | \$ - | \$ 1.736 | \$ 0.106 | \$ 0.007 | \$ 0.018 | \$ - | \$ 0.698 | \$ 13.399 | \$ 109.448 |
| 26/12/2023 | 22 | \$ 96.049 | \$ 0.667 | \$ 1.091 | \$ 9.199 | (0.003) | \$ - | \$ 2.235 | \$ 0.068 | \$ 0.008 | \$ - | \$ - | \$ 0.759 | \$ 14.024 | \$ 110.073 |
| 26/12/2023 | 23 | \$ 96.049 | \$ 0.671 | \$ 1.091 | \$ 9.251 | (0.003) | \$ - | \$ 1.998 | \$ 0.064 | \$ 0.009 | \$ - | \$ - | \$ 0.819 | \$ 13.898 | \$ 109.947 |
| 27/12/2023 | 0 | \$ 96.049 | \$ 0.656 | \$ 1.091 | \$ 9.042 | (0.003) | \$ - | \$ 1.865 | \$ 0.014 | \$ 0.009 | \$ - | \$ - | \$ 0.869 | \$ 13.544 | \$ 109.593 |
| 27/12/2023 | 1 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.117 | (0.003) | \$ - | \$ 1.857 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.906 | \$ 13.638 | \$ 109.687 |
| 27/12/2023 | 2 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.119 | (0.003) | \$ - | \$ 1.798 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.930 | \$ 13.606 | \$ 109.655 |
| 27/12/2023 | 3 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.114 | (0.003) | \$ - | \$ 1.796 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.938 | \$ 13.605 | \$ 109.654 |
| 27/12/2023 | 4 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.119 | (0.003) | \$ - | \$ 1.868 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.923 | \$ 13.668 | \$ 109.717 |
| 27/12/2023 | 5 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.141 | (0.003) | \$ - | \$ 1.912 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.899 | \$ 13.712 | \$ 109.761 |
| 27/12/2023 | 6 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.137 | (0.003) | \$ - | \$ 2.120 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.862 | \$ 13.878 | \$ 109.927 |
| 27/12/2023 | 7 | \$ 96.049 | \$ 0.664 | \$ 1.091 | \$ 9.155 | (0.003) | \$ - | \$ 1.951 | \$ 0.054 | \$ 0.009 | \$ - | \$ - | \$ 0.850 | \$ 13.771 | \$ 109.820 |
| 27/12/2023 | 8 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.102 | (0.003) | \$ - | \$ 1.560 | \$ 0.128 | \$ 0.009 | \$ - | \$ - | \$ 0.865 | \$ 13.411 | \$ 109.460 |
| 27/12/2023 | 9 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.095 | (0.003) | \$ - | \$ 1.616 | \$ 0.161 | \$ 0.008 | \$ 0.031 | \$ - | \$ 0.865 | \$ 13.523 | \$ 109.572 |
| 27/12/2023 | 10 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.099 | (0.003) | \$ - | \$ 1.651 | \$ 0.199 | \$ 0.008 | \$ 0.040 | \$ - | \$ 0.851 | \$ 13.597 | \$ 109.646 |
| 27/12/2023 | 11 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.087 | (0.003) | \$ - | \$ 1.521 | \$ 0.223 | \$ 0.008 | \$ 0.039 | \$ - | \$ 0.831 | \$ 13.456 | \$ 109.505 |
| 27/12/2023 | 12 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.085 | (0.003) | \$ - | \$ 1.577 | \$ 0.230 | \$ 0.008 | \$ - | \$ - | \$ 0.815 | \$ 13.462 | \$ 109.511 |
| 27/12/2023 | 13 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.105 | (0.003) | \$ - | \$ 1.770 | \$ 0.245 | \$ 0.007 | \$ - | \$ - | \$ 0.780 | \$ 13.655 | \$ 109.704 |
| 27/12/2023 | 14 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) | \$ - | \$ 1.809 | \$ 0.294 | \$ 0.007 | \$ - | \$ - | \$ 0.717 | \$ 13.686 | \$ 109.735 |
| 27/12/2023 | 15 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.100 | (0.003) | \$ - | \$ 1.621 | \$ 0.301 | \$ 0.007 | \$ - | \$ - | \$ 0.693 | \$ 13.469 | \$ 109.518 |
| 27/12/2023 | 16 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.098 | (0.003) | \$ - | \$ 1.601 | \$ 0.303 | \$ 0.006 | \$ - | \$ - | \$ 0.672 | \$ 13.429 | \$ 109.478 |
| 27/12/2023 | 17 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.125 | (0.003) | \$ - | \$ 1.829 | \$ 0.293 | \$ 0.006 | \$ - | \$ - | \$ 0.660 | \$ 13.662 | \$ 109.711 |
| 27/12/2023 | 18 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.131 | (0.003) | \$ - | \$ 1.860 | \$ 0.298 | \$ 0.006 | \$ - | \$ - | \$ 0.612 | \$ 13.656 | \$ 109.705 |
| 27/12/2023 | 19 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.116 | (0.003) | \$ - | \$ 1.741 | \$ 0.229 | \$ 0.006 | \$ - | \$ - | \$ 0.624 | \$ 13.463 | \$ 109.512 |
| 27/12/2023 | 20 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.108 | (0.003) | \$ - | \$ 1.679 | \$ 0.192 | \$ 0.006 | \$ - | \$ - | \$ 0.652 | \$ 13.385 | \$ 109.434 |
| 27/12/2023 | 21 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.077 | (0.003) | \$ - | \$ 1.476 | \$ 0.193 | \$ 0.007 | \$ - | \$ - | \$ 0.698 | \$ 13.197 | \$ 109.246 |
| 27/12/2023 | 22 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.102 | (0.003) | \$ - | \$ 1.444 | \$ 0.125 | \$ 0.008 | \$ - | \$ - | \$ 0.762 | \$ 13.188 | \$ 109.237 |
| 27/12/2023 | 23 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.100 | (0.003) | \$ - | \$ 1.482 | \$ 0.102 | \$ 0.009 | \$ - | \$ - | \$ 0.818 | \$ 13.257 | \$ 109.306 |
| 28/12/2023 | 0 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.081 | (0.003) | \$ - | \$ 1.492 | \$ 0.053 | \$ 0.008 | \$ - | \$ - | \$ 0.874 | \$ 13.254 | \$ 109.303 |
| 28/12/2023 | 1 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.092 | (0.003) | \$ - | \$ 1.490 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.915 | \$ 13.253 | \$ 109.302 |
| 28/12/2023 | 2 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.099 | (0.003) | \$ - | \$ 1.558 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.937 | \$ 13.351 | \$ 109.400 |
| 28/12/2023 | 3 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.097 | (0.003) | \$ - | \$ 1.516 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.951 | \$ 13.321 | \$ 109.370 |
| 28/12/2023 | 4 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.100 | (0.003) | \$ - | \$ 1.607 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.941 | \$ 13.404 | \$ 109.453 |
| 28/12/2023 | 5 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.095 | (0.003) | \$ - | \$ 1.674 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.909 | \$ 13.434 | \$ 109.483 |
| 28/12/2023 | 6 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.128 | (0.003) | \$ - | \$ 1.692 | \$ - | \$ 0.008 | \$ - | \$ - | \$ 0.889 | \$ 13.467 | \$ 109.516 |
| 28/12/2023 | 7 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.118 | (0.003) | \$ - | \$ 1.662 | \$ 0.096 | \$ 0.008 | \$ - | \$ - | \$ 0.895 | \$ 13.528 | \$ 109.577 |
| 28/12/2023 | 8 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) | \$ - | \$ 1.549 | \$ 0.115 | \$ 0.009 | \$ 0.044 | \$ - | \$ 0.915 | \$ 13.463 | \$ 109.512 |
| 28/12/2023 | 9 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.129 | (0.003) | \$ - | \$ 1.717 | \$ 0.135 | \$ 0.009 | \$ 0.074 | \$ - | \$ 0.932 | \$ 13.745 | \$ 109.794 |
| 28/12/2023 | 10 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.123 | (0.003) | \$ - | \$ 1.749 | \$ 0.172 | \$ 0.009 | \$ 0.068 | \$ - | \$ 0.921 | \$ 13.791 | \$ 109.840 |
| 28/12/2023 | 11 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.117 | (0.003) | \$ - | \$ 1.681 | \$ 0.185 | \$ 0.009 | \$ 0.068 | \$ - | \$ 0.900 | \$ 13.708 | \$ 109.757 |
| 28/12/2023 | 12 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.109 | (0.003) | \$ - | \$ 1.677 | \$ 0.191 | \$ 0.009 | \$ 0.068 | \$ - | \$ 0.886 | \$ 13.688 | \$ 109.737 |
| 28/12/2023 | 13 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) | \$ - | \$ 1.659 | \$ 0.189 | \$ 0.008 | \$ 0.046 | \$ - | \$ 0.832 | \$ 13.592 | \$ 109.641 |
| 28/12/2023 | 14 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) | \$ - | \$ 1.694 | \$ 0.187 | \$ 0.007 | \$ 0.046 | \$ - | \$ 0.776 | \$ 13.569 | \$ 109.618 |
| 28/12/2023 | 15 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.094 | (0.003) | \$ - | \$ 1.568 | \$ 0.190 | \$ 0.007 | \$ 0.006 | \$ - | \$ 0.722 | \$ 13.334 | \$ 109.383 |
| 28/12/2023 | 16 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.110 | (0.003) | \$ - | \$ 1.559 | \$ 0.198 | \$ 0.007 | \$ - | \$ - | \$ 0.687 | \$ 13.309 | \$ 109.358 |
| 28/12/2023 | 17 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.139 | (0.003) | \$ - | \$ 1.816 | \$ 0.186 | \$ 0.006 | \$ - | \$ - | \$ 0.667 | \$ 13.565 | \$ 109.614 |
| 28/12/2023 | 18 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.143 | (0.003) | \$ - | \$ 1.967 | \$ 0.191 | \$ 0.006 | \$ - | \$ - | \$ 0.618 | \$ 13.676 | \$ 109.725 |
| 28/12/2023 | 19 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.124 | (0.003) | \$ - | \$ 1.774 | \$ 0.189 | \$ 0.006 | \$ - | \$ - | \$ 0.625 | \$ 13.468 | \$ 109.517 |
| 28/12/2023 | 20 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.128 | (0.003) | \$ - | \$ 1.742 | \$ 0.123 | \$ 0.006 | \$ - | \$ - | \$ 0.654 | \$ 13.403 | \$ 109.452 |
| 28/12/2023 | 21 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.122 | (0.003) | \$ - | \$ 1.747 | \$ 0.080 | \$ 0.007 | \$ - | \$ - | \$ 0.696 | \$ 13.400 | \$ 109.449 |



Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | MONTO REMANENTE | FLEMGG | PTRANSMIS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|----------|----------|-----------------|--------|-----------|-----------|-----------|----------|------|----------|-----------|------------|
| 28/12/2023 | 22 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.129 | (0.003) | \$ - | \$ 1.832 | \$ 0.058 | \$ 0.007 | \$ - | \$ - | \$ 0.755 | \$ 13.531 | \$ 109.580 |
| 28/12/2023 | 23 | \$ 96.049 | \$ 0.663 | \$ 1.091 | \$ 9.140 | (0.003) | \$ - | \$ 2.012 | \$ 0.039 | \$ 0.008 | \$ - | \$ - | \$ 0.812 | \$ 13.761 | \$ 109.810 |
| 29/12/2023 | 0 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.115 | (0.003) | \$ - | \$ 1.642 | \$ - | \$ 0.008 | \$ - | \$ - | \$ 0.865 | \$ 13.379 | \$ 109.428 |
| 29/12/2023 | 1 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.111 | (0.003) | \$ - | \$ 1.613 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.900 | \$ 13.381 | \$ 109.430 |
| 29/12/2023 | 2 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.103 | (0.003) | \$ - | \$ 1.604 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.925 | \$ 13.388 | \$ 109.437 |
| 29/12/2023 | 3 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.091 | (0.003) | \$ - | \$ 1.438 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.940 | \$ 13.225 | \$ 109.274 |
| 29/12/2023 | 4 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) | \$ - | \$ 1.423 | \$ - | \$ 0.009 | \$ 0.005 | \$ - | \$ 0.928 | \$ 13.198 | \$ 109.247 |
| 29/12/2023 | 5 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.090 | (0.003) | \$ - | \$ 1.481 | \$ - | \$ 0.009 | \$ 0.009 | \$ - | \$ 0.898 | \$ 13.234 | \$ 109.283 |
| 29/12/2023 | 6 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.102 | (0.003) | \$ - | \$ 1.479 | \$ - | \$ 0.008 | \$ - | \$ - | \$ 0.867 | \$ 13.204 | \$ 109.253 |
| 29/12/2023 | 7 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.116 | (0.003) | \$ - | \$ 1.734 | \$ 0.020 | \$ 0.008 | \$ - | \$ - | \$ 0.839 | \$ 13.467 | \$ 109.516 |
| 29/12/2023 | 8 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.101 | (0.003) | \$ - | \$ 1.607 | \$ 0.103 | \$ 0.008 | \$ - | \$ - | \$ 0.830 | \$ 13.397 | \$ 109.446 |
| 29/12/2023 | 9 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.097 | (0.003) | \$ - | \$ 1.415 | \$ 0.131 | \$ 0.008 | \$ - | \$ - | \$ 0.854 | \$ 13.253 | \$ 109.302 |
| 29/12/2023 | 10 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.098 | (0.003) | \$ - | \$ 1.452 | \$ 0.132 | \$ 0.009 | \$ 0.069 | \$ - | \$ 0.892 | \$ 13.399 | \$ 109.448 |
| 29/12/2023 | 11 | \$ 96.049 | \$ 0.657 | \$ 1.091 | \$ 9.064 | (0.003) | \$ - | \$ 1.377 | \$ 0.166 | \$ 0.009 | \$ 0.065 | \$ - | \$ 0.881 | \$ 13.307 | \$ 109.356 |
| 29/12/2023 | 12 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.083 | (0.003) | \$ - | \$ 1.472 | \$ 0.193 | \$ 0.008 | \$ 0.074 | \$ - | \$ 0.873 | \$ 13.449 | \$ 109.498 |
| 29/12/2023 | 13 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.099 | (0.003) | \$ - | \$ 1.622 | \$ 0.188 | \$ 0.008 | \$ 0.024 | \$ - | \$ 0.836 | \$ 13.524 | \$ 109.573 |
| 29/12/2023 | 14 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.093 | (0.003) | \$ - | \$ 1.489 | \$ 0.188 | \$ 0.007 | \$ - | \$ - | \$ 0.775 | \$ 13.300 | \$ 109.349 |
| 29/12/2023 | 15 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.080 | (0.003) | \$ - | \$ 1.471 | \$ 0.192 | \$ 0.007 | \$ - | \$ - | \$ 0.734 | \$ 13.230 | \$ 109.279 |
| 29/12/2023 | 16 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.089 | (0.003) | \$ - | \$ 1.438 | \$ 0.181 | \$ 0.007 | \$ - | \$ - | \$ 0.699 | \$ 13.160 | \$ 109.209 |
| 29/12/2023 | 17 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.131 | (0.003) | \$ - | \$ 1.820 | \$ 0.185 | \$ 0.007 | \$ - | \$ - | \$ 0.679 | \$ 13.571 | \$ 109.620 |
| 29/12/2023 | 18 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.132 | (0.003) | \$ - | \$ 1.868 | \$ 0.201 | \$ 0.006 | \$ 0.025 | \$ - | \$ 0.627 | \$ 13.608 | \$ 109.657 |
| 29/12/2023 | 19 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.120 | (0.003) | \$ - | \$ 1.672 | \$ 0.191 | \$ 0.006 | \$ - | \$ - | \$ 0.634 | \$ 13.372 | \$ 109.421 |
| 29/12/2023 | 20 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.113 | (0.003) | \$ - | \$ 1.637 | \$ 0.114 | \$ 0.006 | \$ - | \$ - | \$ 0.659 | \$ 13.278 | \$ 109.327 |
| 29/12/2023 | 21 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.108 | (0.003) | \$ - | \$ 1.610 | \$ 0.056 | \$ 0.007 | \$ - | \$ - | \$ 0.702 | \$ 13.230 | \$ 109.279 |
| 29/12/2023 | 22 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.118 | (0.003) | \$ - | \$ 1.649 | \$ 0.059 | \$ 0.007 | \$ - | \$ - | \$ 0.760 | \$ 13.341 | \$ 109.390 |
| 29/12/2023 | 23 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.111 | (0.003) | \$ - | \$ 1.603 | \$ 0.049 | \$ 0.008 | \$ - | \$ - | \$ 0.818 | \$ 13.337 | \$ 109.386 |
| 30/12/2023 | 0 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.092 | (0.003) | \$ - | \$ 1.437 | \$ - | \$ 0.008 | \$ - | \$ - | \$ 0.865 | \$ 13.149 | \$ 109.198 |
| 30/12/2023 | 1 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.087 | (0.003) | \$ - | \$ 1.424 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.901 | \$ 13.167 | \$ 109.216 |
| 30/12/2023 | 2 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.093 | (0.003) | \$ - | \$ 1.470 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.928 | \$ 13.247 | \$ 109.296 |
| 30/12/2023 | 3 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.096 | (0.003) | \$ - | \$ 1.498 | \$ - | \$ 0.009 | \$ 0.007 | \$ - | \$ 0.943 | \$ 13.300 | \$ 109.349 |
| 30/12/2023 | 4 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) | \$ - | \$ 1.428 | \$ - | \$ 0.009 | \$ 0.012 | \$ - | \$ 0.943 | \$ 13.225 | \$ 109.274 |
| 30/12/2023 | 5 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.097 | (0.003) | \$ - | \$ 1.511 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.915 | \$ 13.280 | \$ 109.329 |
| 30/12/2023 | 6 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.080 | (0.003) | \$ - | \$ 1.337 | \$ - | \$ 0.009 | \$ 0.033 | \$ - | \$ 0.904 | \$ 13.108 | \$ 109.157 |
| 30/12/2023 | 7 | \$ 89.160 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) | \$ - | \$ 1.292 | \$ - | \$ 0.009 | \$ - | \$ - | \$ 0.921 | \$ 13.054 | \$ 102.214 |
| 30/12/2023 | 8 | \$ 89.160 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) | \$ - | \$ 1.383 | \$ 0.003 | \$ 0.009 | \$ - | \$ - | \$ 0.959 | \$ 13.187 | \$ 102.348 |
| 30/12/2023 | 9 | \$ 84.330 | \$ 0.659 | \$ 1.091 | \$ 9.081 | (0.003) | \$ - | \$ 1.300 | \$ 0.060 | \$ 0.010 | \$ - | \$ - | \$ 0.991 | \$ 13.188 | \$ 97.519 |
| 30/12/2023 | 10 | \$ 84.330 | \$ 0.660 | \$ 1.091 | \$ 9.098 | (0.003) | \$ - | \$ 1.386 | \$ 0.064 | \$ 0.010 | \$ - | \$ - | \$ 1.010 | \$ 13.315 | \$ 97.646 |
| 30/12/2023 | 11 | \$ 84.330 | \$ 0.659 | \$ 1.091 | \$ 9.083 | (0.003) | \$ - | \$ 1.256 | \$ 0.063 | \$ 0.010 | \$ - | \$ - | \$ 0.992 | \$ 13.149 | \$ 97.480 |
| 30/12/2023 | 12 | \$ 84.330 | \$ 0.659 | \$ 1.091 | \$ 9.092 | (0.003) | \$ - | \$ 1.352 | \$ 0.064 | \$ 0.010 | \$ - | \$ - | \$ 1.012 | \$ 13.277 | \$ 97.607 |
| 30/12/2023 | 13 | \$ 84.330 | \$ 0.658 | \$ 1.091 | \$ 9.076 | (0.003) | \$ - | \$ 1.287 | \$ 0.064 | \$ 0.009 | \$ - | \$ - | \$ 0.975 | \$ 13.156 | \$ 97.486 |
| 30/12/2023 | 14 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.085 | (0.003) | \$ - | \$ 1.694 | \$ 0.065 | \$ 0.009 | \$ 0.048 | \$ - | \$ 0.893 | \$ 13.541 | \$ 113.374 |
| 30/12/2023 | 15 | \$ 96.049 | \$ 0.658 | \$ 1.091 | \$ 9.072 | (0.003) | \$ - | \$ 1.491 | \$ 0.067 | \$ 0.008 | \$ 0.016 | \$ - | \$ 0.835 | \$ 13.234 | \$ 109.283 |
| 30/12/2023 | 16 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.106 | (0.003) | \$ - | \$ 1.551 | \$ 0.069 | \$ 0.007 | \$ - | \$ - | \$ 0.775 | \$ 13.256 | \$ 109.305 |
| 30/12/2023 | 17 | \$ 96.049 | \$ 0.662 | \$ 1.091 | \$ 9.127 | (0.003) | \$ - | \$ 1.740 | \$ 0.073 | \$ 0.007 | \$ - | \$ - | \$ 0.736 | \$ 13.432 | \$ 109.481 |
| 30/12/2023 | 18 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.121 | (0.003) | \$ - | \$ 1.737 | \$ 0.075 | \$ 0.006 | \$ - | \$ - | \$ 0.670 | \$ 13.358 | \$ 109.407 |
| 30/12/2023 | 19 | \$ 96.049 | \$ 0.661 | \$ 1.091 | \$ 9.120 | (0.003) | \$ - | \$ 1.723 | \$ 0.076 | \$ 0.007 | \$ - | \$ - | \$ 0.677 | \$ 13.352 | \$ 109.401 |
| 30/12/2023 | 20 | \$ 96.049 | \$ 0.660 | \$ 1.091 | \$ 9.093 | (0.003) | \$ - | \$ 1.472 | \$ 0.080 | \$ 0.007 | \$ - | \$ - | \$ 0.705 | \$ 13.104 | \$ 109.153 |
| 30/12/2023 | 21 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.082 | (0.003) | \$ - | \$ 1.344 | \$ 0.033 | \$ 0.007 | \$ - | \$ - | \$ 0.749 | \$ 12.961 | \$ 109.010 |
| 30/12/2023 | 22 | \$ 96.049 | \$ 0.659 | \$ 1.091 | \$ 9.086 | (0.003) | \$ - | \$ 1.379 | \$ 0.008 | \$ 0.008 | \$ - | \$ - | \$ 0.819 | \$ 13.046 | \$ 109.095 |
| 30/12/2023 | 23 | \$ 96.049 | \$ 0.657 | \$ 1.091 | \$ 9.056 | (0.003) | \$ - | \$ 1.218 | \$ - | \$ 0.009 | \$ 0.025 | \$ - | \$ 0.887 | \$ 12.940 | \$ 108.989 |
| 31/12/2023 | 0 | \$ 89.860 | \$ 0.659 | \$ 1.091 | \$ 9.087 | (0.003) | \$ - | \$ 1.206 | \$ - | \$ 0.010 | \$ 0.229 | \$ - | \$ 0.945 | \$ 13.224 | \$ 103.084 |
| 31/12/2023 | 1 | \$ 89.860 | \$ 0.658 | \$ 1.091 | \$ 9.070 | (0.003) | \$ - | \$ 1.286 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.993 | \$ 13.105 | \$ 102.965 |
| 31/12/2023 | 2 | \$ 89.860 | \$ 0.657 | \$ 1.091 | \$ 9.064 | (0.003) | \$ - | \$ 1.292 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.032 | \$ 13.143 | \$ 103.003 |
| 31/12/2023 | 3 | \$ 89.860 | \$ 0.658 | \$ 1.091 | \$ 9.074 | (0.003) | \$ - | \$ 1.303 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.060 | \$ 13.193 | \$ 103.054 |
| 31/12/2023 | 4 | \$ 89.860 | \$ 0.658 | \$ 1.091 | \$ 9.067 | (0.003) | \$ - | \$ 1.244 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.059 | \$ 13.125 | \$ 102.986 |
| 31/12/2023 | 5 | \$ 89.860 | \$ 0.659 | \$ 1.091 | \$ 9.081 | (0.003) | \$ - | \$ 1.355 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.036 | \$ 13.229 | \$ 103.089 |
| 31/12/2023 | 6 | \$ 89.860 | \$ 0.660 | \$ 1.091 | \$ 9.099 | (0.003) | \$ - | \$ 1.346 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.060 | \$ 13.264 | \$ 103.124 |
| 31/12/2023 | 7 | \$ 84.267 | \$ 0.664 | \$ 1.091 | \$ 9.157 | (0.003) | \$ - | \$ 1.238 | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.166 | \$ 13.324 | \$ 97.591 |
| 31/12/2023 | 8 | \$ - | \$ 0.664 | \$ 1.091 | \$ 9.152 | (0.003) | \$ - | \$ - | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.297 | \$ 12.213 | \$ 12.213 |
| 31/12/2023 | 9 | \$ - | \$ 0.664 | \$ 1.091 | \$ 9.160 | (0.003) | \$ - | \$ - | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.397 | \$ 12.322 | \$ 12.322 |
| 31/12/2023 | 10 | \$ - | \$ 0.670 | \$ 1.091 | \$ 9.243 | (0.003) | \$ - | \$ - | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.439 | \$ 12.452 | \$ 12.452 |
| 31/12/2023 | 11 | \$ - | \$ 0.658 | \$ 1.091 | \$ 9.077 | (0.003) | \$ - | \$ - | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.429 | \$ 12.264 | \$ 12.264 |
| 31/12/2023 | 12 | \$ - | \$ 0.654 | \$ 1.091 | \$ 9.022 | (0.003) | \$ - | \$ - | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.399 | \$ 12.176 | \$ 12.176 |
| 31/12/2023 | 13 | \$ - | \$ 0.655 | \$ 1.091 | \$ 9.033 | (0.003) | \$ - | \$ - | \$ - | \$ 0.013 | \$ - | \$ - | \$ 1.309 | \$ 12.098 | \$ 12.098 |
| 31/12/2023 | 14 | \$ - | \$ 0.661 | \$ 1.091 | \$ 9.120 | (0.003) | \$ - | \$ - | \$ - | \$ 0.012 | \$ - | \$ - | \$ 1.186 | \$ 12.067 | \$ 12.067 |
| 31/12/2023 | 15 | \$ 38.446 | \$ 0.658 | \$ 1.091 | \$ 9.068 | (0.003) | \$ - | \$ 0.683 | \$ - | \$ 0.011 | \$ - | \$ - | \$ 1.068 | \$ 12.575 | \$ 51.021 |
| 31/12/2023 | 16 | \$ 90.337 | \$ 0.659 | \$ 1.091 | \$ 9.082 | (0.003) | \$ - | \$ 1.266 | \$ - | \$ 0.010 | \$ - | \$ - | \$ 0.927 | \$ 13.031 | \$ 103.368 |



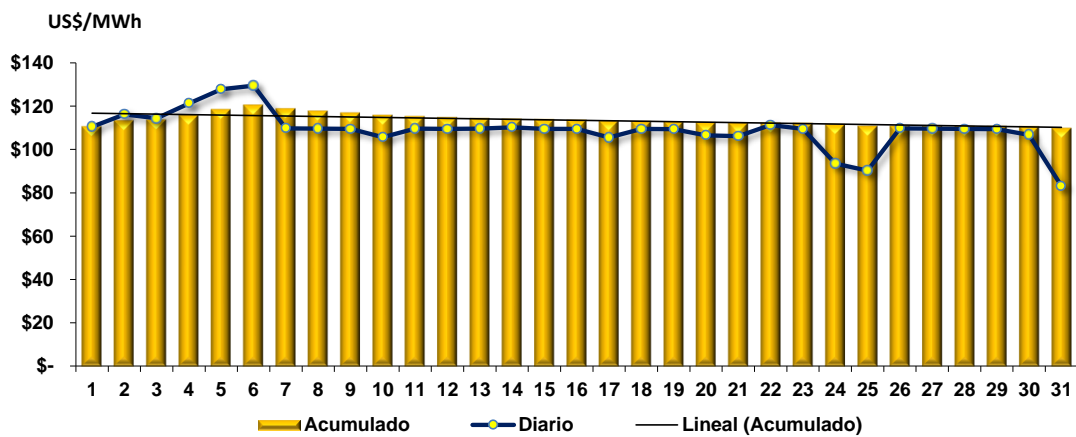
Precios de la energía (\$/MWh)

| FECHA | HORA | CMO-POS | SIGET | UT | CUST | MONTO REMANENTE | FLEMG | PTRANSMIS | REACTIVOS | ACVOLTAJE | COMP_EFI | RFC | CCT | CSIS | PR_MRS |
|------------|------|-----------|----------|----------|----------|-----------------|-------|-----------|-----------|-----------|----------|------|----------|-----------|------------|
| 31/12/2023 | 17 | \$ 99.833 | \$ 0.658 | \$ 1.091 | \$ 9.075 | \$(0.003) | \$ - | \$ 1.366 | \$ - | \$ 0.009 | \$ 0.073 | \$ - | \$ 0.831 | \$ 13.099 | \$ 112.932 |
| 31/12/2023 | 18 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.091 | \$(0.003) | \$ - | \$ 1.594 | \$ - | \$ 0.007 | \$ 0.155 | \$ - | \$ 0.742 | \$ 13.335 | \$ 113.168 |
| 31/12/2023 | 19 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.089 | \$(0.003) | \$ - | \$ 1.502 | \$ - | \$ 0.007 | \$ 0.224 | \$ - | \$ 0.765 | \$ 13.334 | \$ 113.167 |
| 31/12/2023 | 20 | \$ 99.833 | \$ 0.659 | \$ 1.091 | \$ 9.083 | \$(0.003) | \$ - | \$ 1.391 | \$ - | \$ 0.008 | \$ 0.217 | \$ - | \$ 0.810 | \$ 13.255 | \$ 113.088 |
| 31/12/2023 | 21 | \$ 99.833 | \$ 0.655 | \$ 1.091 | \$ 9.037 | \$(0.003) | \$ - | \$ 1.318 | \$ - | \$ 0.008 | \$ 0.074 | \$ - | \$ 0.854 | \$ 13.034 | \$ 112.867 |
| 31/12/2023 | 22 | \$ 99.833 | \$ 0.660 | \$ 1.091 | \$ 9.105 | \$(0.003) | \$ - | \$ 1.329 | \$ - | \$ 0.009 | \$ 0.234 | \$ - | \$ 0.897 | \$ 13.322 | \$ 113.155 |
| 31/12/2023 | 23 | \$ 99.833 | \$ 0.657 | \$ 1.091 | \$ 9.063 | \$(0.003) | \$ - | \$ 1.497 | \$ - | \$ 0.010 | \$ 0.047 | \$ - | \$ 0.935 | \$ 13.296 | \$ 113.129 |



Precios Promedios (\$/MWh)

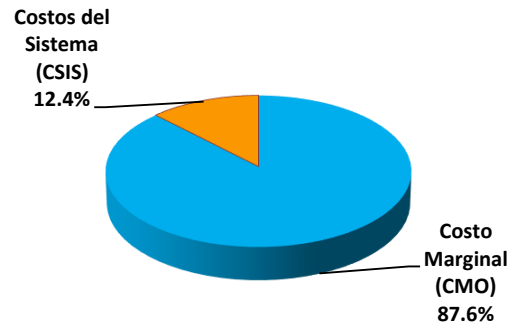
| FECHA | Diario | Acumulado |
|-------------|-----------|-----------|
| 01/dic/2023 | \$ 110.48 | \$ 110.48 |
| 02/dic/2023 | \$ 116.26 | \$ 113.24 |
| 03/dic/2023 | \$ 114.46 | \$ 113.62 |
| 04/dic/2023 | \$ 121.29 | \$ 115.73 |
| 05/dic/2023 | \$ 127.83 | \$ 118.37 |
| 06/dic/2023 | \$ 129.49 | \$ 120.36 |
| 07/dic/2023 | \$ 109.73 | \$ 118.77 |
| 08/dic/2023 | \$ 109.58 | \$ 117.61 |
| 09/dic/2023 | \$ 109.56 | \$ 116.76 |
| 10/dic/2023 | \$ 105.66 | \$ 115.76 |
| 11/dic/2023 | \$ 109.63 | \$ 115.18 |
| 12/dic/2023 | \$ 109.47 | \$ 114.69 |
| 13/dic/2023 | \$ 109.61 | \$ 114.29 |
| 14/dic/2023 | \$ 110.22 | \$ 113.99 |
| 15/dic/2023 | \$ 109.57 | \$ 113.69 |
| 16/dic/2023 | \$ 109.50 | \$ 113.45 |
| 17/dic/2023 | \$ 105.58 | \$ 113.05 |
| 18/dic/2023 | \$ 109.52 | \$ 112.87 |
| 19/dic/2023 | \$ 109.37 | \$ 112.70 |
| 20/dic/2023 | \$ 106.51 | \$ 112.43 |
| 21/dic/2023 | \$ 106.20 | \$ 112.16 |
| 22/dic/2023 | \$ 111.36 | \$ 112.13 |
| 23/dic/2023 | \$ 109.48 | \$ 112.03 |
| 24/dic/2023 | \$ 93.42 | \$ 111.39 |
| 25/dic/2023 | \$ 90.26 | \$ 110.75 |
| 26/dic/2023 | \$ 109.73 | \$ 110.72 |
| 27/dic/2023 | \$ 109.58 | \$ 110.67 |
| 28/dic/2023 | \$ 109.55 | \$ 110.63 |
| 29/dic/2023 | \$ 109.39 | \$ 110.59 |
| 30/dic/2023 | \$ 106.78 | \$ 110.46 |
| 31/dic/2023 | \$ 83.15 | \$ 109.77 |



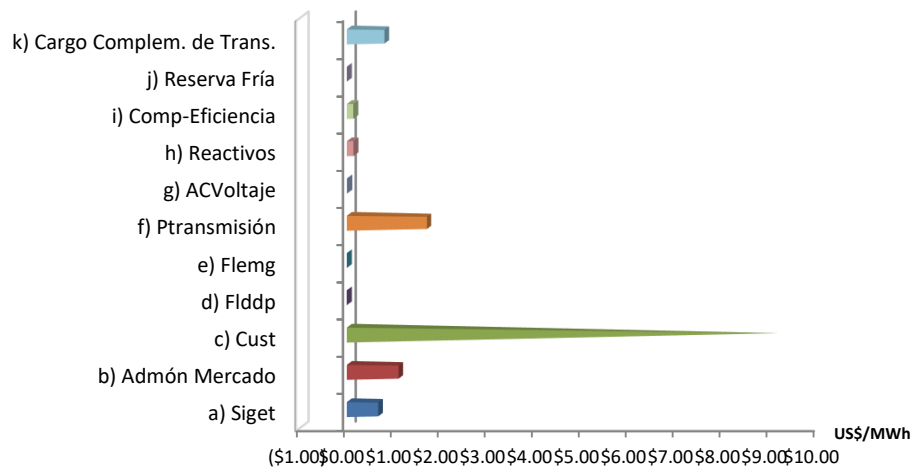


Composición del Precio Promedio (\$/MWh)

| Detalle | \$/MWh | % |
|---------------------------|-----------------|---------------|
| Costo Marginal (CMO) | \$96.14 | 87.6% |
| Costos del Sistema (CSIS) | \$13.64 | 12.4% |
| Precio del MRS | \$109.77 | 100.0% |



| Cargos del Sistema (CSIS) | \$/MWh | % |
|---------------------------------|----------------|--------------|
| a) Siget | \$0.66 | 0.6% |
| b) Admón Mercado | \$1.09 | 1.0% |
| c) Cust | \$9.12 | 8.3% |
| d) Flddp | (\$0.00) | 0.0% |
| e) Flemg | \$0.00 | 0.0% |
| f) Ptransmisión | \$1.69 | 1.5% |
| g) ACVoltaje | \$0.01 | 0.0% |
| h) Reactivos | \$0.14 | 0.1% |
| i) Comp-Eficiencia | \$0.14 | 0.1% |
| j) Reserva Fría | \$0.00 | 0.0% |
| k) Cargo Complem. de Tran: | \$0.79 | 0.7% |
| Total Cargos del Sistema | \$13.64 | 12.4% |

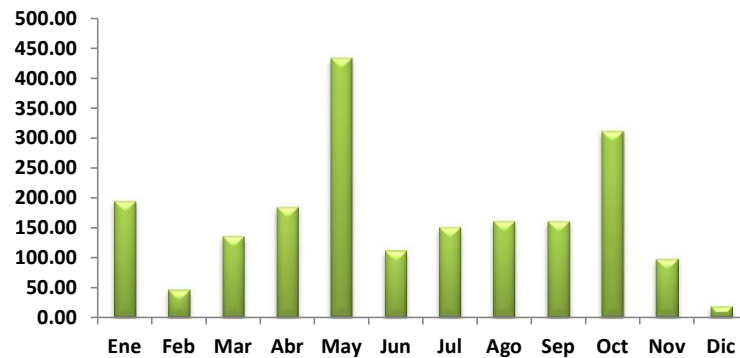




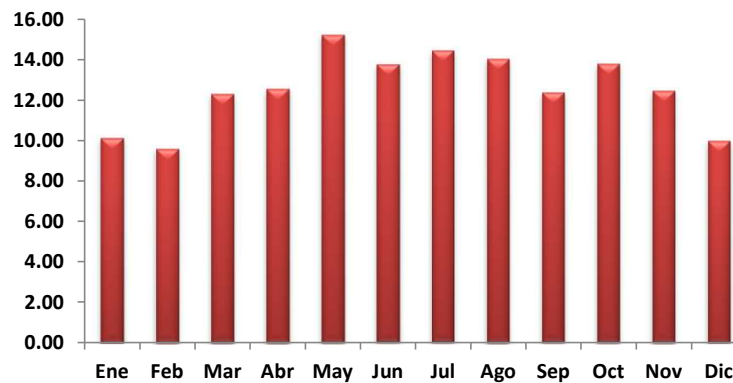
Sistema de Transmisión ENS, Pérdidas e interrupciones

| Mes | Energía no servida (MWh) | Pérdidas de transmisión (GWh) |
|-----|--------------------------|-------------------------------|
| Ene | 195.00 | 10.12 |
| Feb | 46.52 | 9.57 |
| Mar | 135.05 | 12.29 |
| Abr | 184.60 | 12.54 |
| May | 434.17 | 15.24 |
| Jun | 112.36 | 13.78 |
| Jul | 150.85 | 14.43 |
| Ago | 160.90 | 14.01 |
| Sep | 160.94 | 12.35 |
| Oct | 311.41 | 13.81 |
| Nov | 97.32 | 12.42 |
| Dic | 18.32 | 9.95 |

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 |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| DEC-ABRUZZO | | | | | | | | | | | | | |
| ANDA | | | | | | | | | | | | | |
| CAESS | | | | | | | | | | | | | |
| CAPELLA (ALBIRO) | | | 1 | | 1 | 2 | 1 | | | 2 | | | 7 |
| CLESA | | | | | | | | | | | | | |
| DELSUR | | | | | | | | | | | | | |
| EDESAL | | | | | | | | | | | | | |
| EEO | | | | | | | | | | | | | |
| EPR | | | 4 | | | 1 | | | 3 | 4 | 2 | 1 | 15 |
| ETESAL | 11 | 13 | 20 | 19 | 19 | 23 | 24 | 30 | 33 | 26 | 11 | 11 | 240 |
| HANES | | | | | | | | | | | | | |
| CEL | | | | | | | 1 | 1 | | 3 | 1 | | 6 |
| NEJAPA POWER | 1 | | | | | | | | | | | | 1 |
| ENERGÍA DEL PACÍFICO | | | | | | | 1 | | | | | | 1 |
| INGENIO JIBOA | | | 2 | | | | | 2 | | | 1 | 3 | 8 |
| INGENIO CHAPARRASTIQUE | | | | | | | 1 | 6 | 1 | 1 | | | 9 |
| TRINIDAD | | | 1 | 6 | 1 | | 2 | | | | | 1 | 11 |
| Termopuerto | 1 | | 1 | | | 3 | 1 | | | | | | 6 |
| VENTUS | | | | | 1 | 1 | 3 | | 2 | 1 | | | 8 |
| GUATEMALA | | 4 | 1 | 4 | | 1 | 1 | | | | | | 11 |
| HONDURAS | | | 1 | | 2 | 2 | 2 | 1 | | | | 1 | 9 |
| PANAMA | | | | | | | | | | | | | |
| UT | 3 | | | | | | | | | 1 | | 6 | 10 |
| LaGeo S.A. de C.V. | | | | | | | | | | | | 2 | 2 |
| TOTALES | 16 | 17 | 31 | 29 | 24 | 33 | 37 | 40 | 40 | 37 | 15 | 25 | 344 |

(*) 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 |
|-------------------------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|--------------|
| DEC-ABRUZZO | 1 | | | 1 | 2 | | 1 | 1 | | 1 | | | 7 |
| ANDA | 1 | 1 | 2 | 2 | 5 | 7 | 3 | | 4 | 1 | 4 | 2 | 32 |
| B & D | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | | 1 | 1 | | 11 |
| CAESS | 8 | 7 | 4 | 11 | 12 | 12 | 13 | 10 | 16 | 5 | 8 | 4 | 110 |
| CASSA | | | | 5 | 5 | | 3 | 5 | 5 | 5 | 1 | 1 | 30 |
| CLESA | 8 | 13 | 29 | 35 | 27 | 45 | 28 | 38 | 47 | 20 | 18 | 18 | 326 |
| DELSUR | 9 | 24 | 25 | 47 | 35 | 42 | 46 | 39 | 50 | 60 | 59 | 22 | 458 |
| DEUSEM | | 1 | 1 | | 1 | | 2 | | 3 | 1 | 1 | | 10 |
| EDESAL | 2 | 1 | 1 | 12 | 8 | 9 | 3 | 2 | 7 | 11 | 4 | 2 | 62 |
| EEO | 7 | 5 | 19 | 10 | 11 | 21 | 35 | 36 | 49 | 18 | 19 | 7 | 237 |
| ETESAL | 11 | 3 | 9 | 12 | 14 | 17 | 13 | 12 | 10 | 18 | 13 | 8 | 140 |
| HANES | 2 | | 3 | 4 | | 2 | | 2 | 1 | | 2 | 5 | 21 |
| NEJAPA POWER | | | | | | | | | | | | | |
| Potencia y Energía CORP | | | | | | | | | | | | | |
| EDP | | | | | 3 | | | | | | | | 3 |
| UT | | | | 1 | 1 | | | | | 1 | | | 3 |
| GUATEMALA | | 6 | 3 | 4 | | | 10 | 2 | | | | | 25 |
| HONDURAS | 2 | | | 7 | | 2 | | | | | | | 11 |
| NICARAGUA | | | | 2 | | | | | | | | | 2 |
| PANAMA | 2 | | 5 | 4 | 4 | 2 | | | | | | | 13 |
| COSTA RICA | | | | | | 3 | | | | | | | 3 |
| INGENIO CHAPARRASTIQUE | | | | | | | | | | 2 | | | 2 |
| TOTALES | 53 | 62 | 97 | 160 | 129 | 163 | 159 | 148 | 192 | 144 | 130 | 69 | 1,506 |

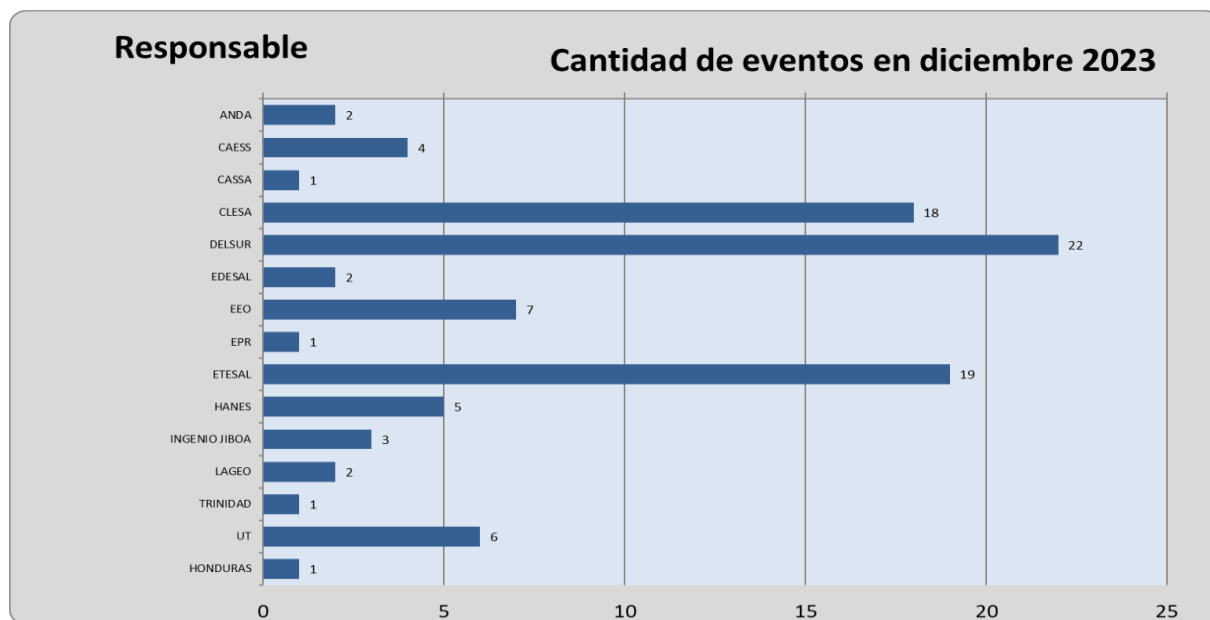


Sistema de Transmisión

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 |
|--------------------------------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|--------------|
| DEC-ABRUZZO | 1 | | | 1 | 2 | | 1 | 1 | | 1 | | | 7 |
| ANDA | 1 | 1 | 2 | 2 | 5 | 7 | 3 | | 4 | 1 | 4 | 2 | 32 |
| B & D | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | | 1 | 1 | | 11 |
| CAESS | 8 | 7 | 4 | 11 | 12 | 12 | 13 | 10 | 16 | 5 | 8 | 4 | 110 |
| CAPELLA (ALBIREO) | | | 1 | | 1 | 2 | 1 | | | 2 | | | 7 |
| CASSA | | | | 5 | 5 | | 3 | 5 | 5 | 5 | 1 | 1 | 30 |
| CLESA | 8 | 13 | 29 | 35 | 27 | 45 | 28 | 38 | 47 | 20 | 18 | 18 | 326 |
| DELSUR | 9 | 24 | 25 | 47 | 35 | 42 | 46 | 39 | 50 | 60 | 59 | 22 | 458 |
| DEUSEM | | 1 | 1 | | 1 | | 2 | | 3 | 1 | 1 | | 10 |
| EDESAL | 2 | 1 | 1 | 12 | 8 | 9 | 3 | 2 | 7 | 11 | 4 | 2 | 62 |
| EEO | 7 | 5 | 19 | 10 | 11 | 21 | 35 | 36 | 49 | 18 | 19 | 7 | 237 |
| EPR | | | 4 | | | 1 | | | 3 | 4 | 2 | 1 | 15 |
| ETESAL | 22 | 16 | 29 | 31 | 33 | 40 | 37 | 42 | 43 | 44 | 24 | 19 | 380 |
| HANES | 2 | | 3 | 4 | | 2 | | 2 | 1 | | 2 | 5 | 21 |
| INGENIO JIBOA | | | 2 | | | | | 2 | | | 1 | 3 | 8 |
| NEJAPA POWER | 1 | | | | | | | | | | | | 1 |
| Proyecto La Trinidad, LTDA. de C.V. | | | 1 | 6 | 1 | | 2 | | | | | 1 | 11 |
| Tempuerto | 1 | | 1 | | | 3 | 1 | | | | | | 6 |
| EDP | | | | | 3 | | 1 | | | | | | 4 |
| GUATEMALA | | 10 | 4 | 8 | | 1 | 11 | 2 | | | | | 36 |
| HONDURAS | 2 | | 1 | 7 | 2 | 4 | 2 | 1 | | | | 1 | 20 |
| NICARAGUA | | | | 2 | | | | | | | | | 2 |
| PANAMA | 2 | | | 5 | 4 | 2 | | | | | | | 13 |
| Unidad de Transacciones S.A. de C.V. | 3 | | | 1 | 1 | | | | 1 | 1 | | 6 | 13 |
| CEL | | | | | | | 1 | 1 | | 3 | 1 | | 6 |
| ICE-Costa Rica | | | | | | 3 | | | | | | | 3 |
| Ingenio Chaparrastique, S.A. de C | | | | | | | 1 | 6 | 1 | 3 | | | 11 |
| Ventus | | | | | 1 | 1 | 3 | | 2 | 1 | | | 8 |
| LaGeo | | | | | | | | | | | | 2 | 2 |
| TOTALES | 69 | 79 | 128 | 189 | 153 | 196 | 196 | 188 | 232 | 181 | 145 | 94 | 1,850 |

**CONSOLIDADO DE CANTIDAD DE EVENTOS POR RESPONSABLE CORRESPONDIENTE A
INTERRUPCIONES DE LINEAS DE TRANSMISIÓN Y CIRCUITOS DE DISTRIBUCIÓN - Diciembre 2023**





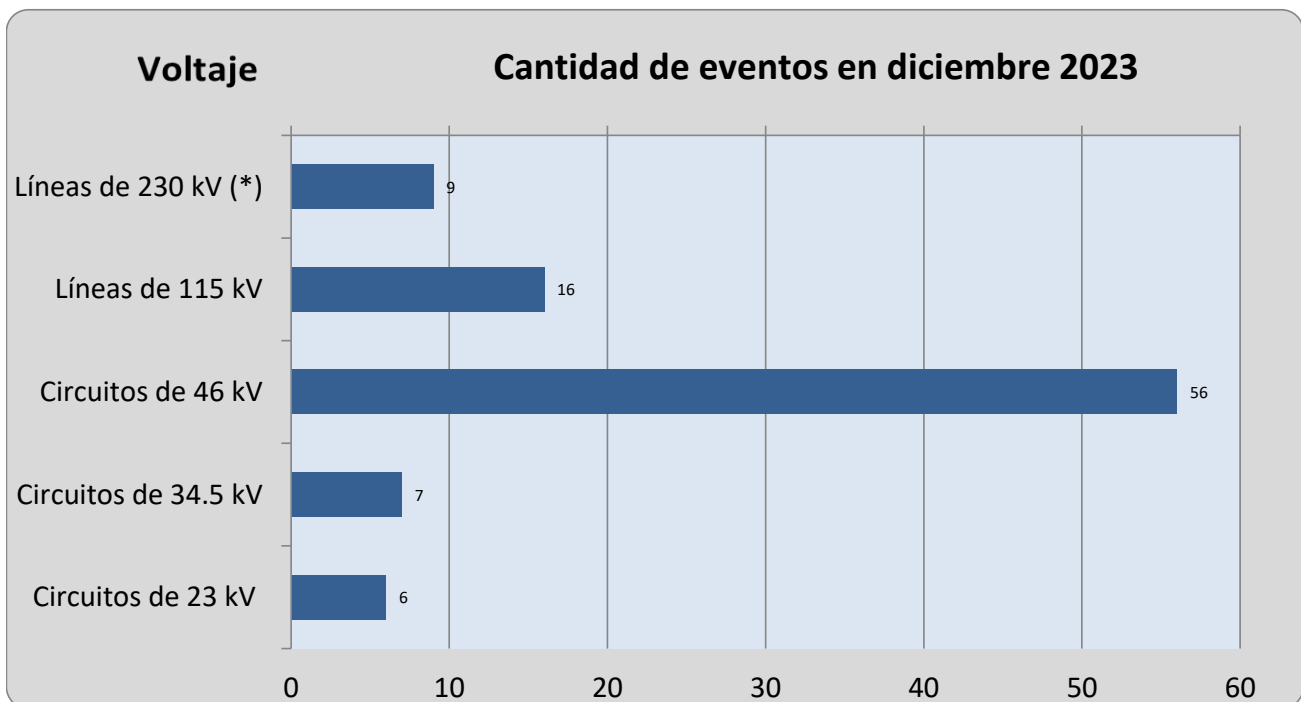
Sistema de Transmisión

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(*) | 4 | 6 | 8 | 4 | 4 | 6 | 6 | 1 | 10 | 7 | 3 | 9 | 68 |
| Líneas de 115 kV | 12 | 11 | 23 | 25 | 20 | 27 | 31 | 39 | 30 | 30 | 12 | 16 | 276 |
| Circuitos de 46 kV | 47 | 47 | 78 | 121 | 104 | 146 | 143 | 137 | 183 | 132 | 120 | 56 | 1,314 |
| Circuitos de 34.5 kV | 1 | 0 | 7 | 18 | 7 | 6 | 4 | 4 | 5 | 3 | 1 | 7 | 63 |
| Circuitos de 23 kV | 5 | 15 | 12 | 21 | 18 | 11 | 12 | 7 | 4 | 9 | 9 | 6 | 129 |
| TOTALES | 69 | 79 | 128 | 189 | 153 | 196 | 196 | 188 | 232 | 181 | 145 | 94 | 1,850 |

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

NUMERO DE CIRCUITOS INTERRUMPIDOS POR NIVEL DE VOLTAJE - Diciembre 2023



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

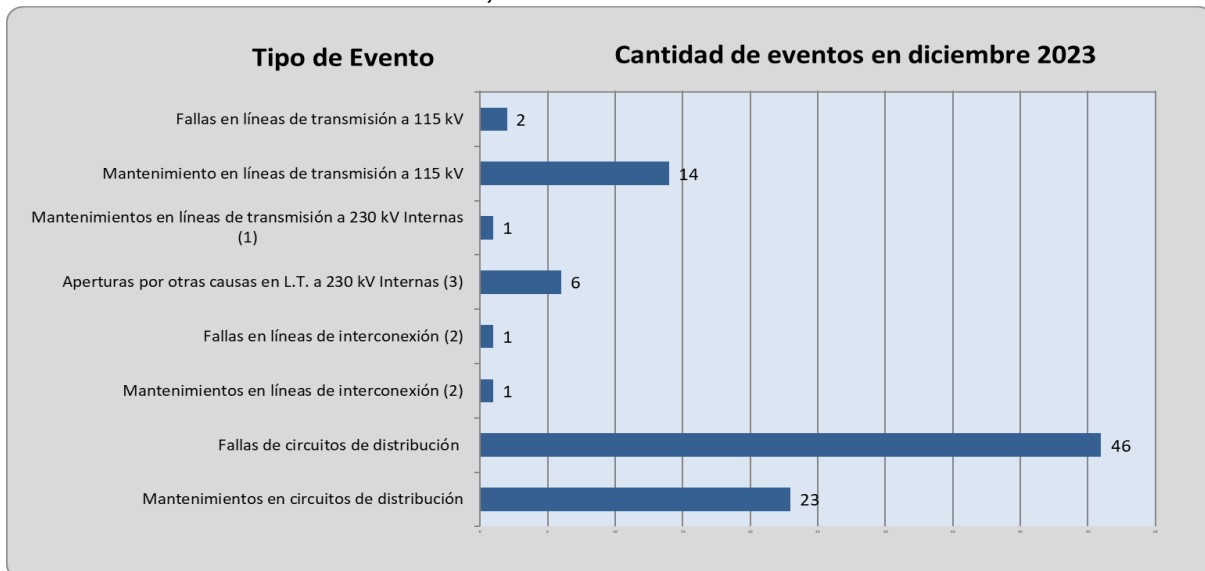


Sistema de Transmisión

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 |
|---|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|--------------|
| Fallas en líneas de transmisión a 115 kV | | 2 | 9 | 10 | 8 | 17 | 17 | 17 | 18 | 18 | 2 | 2 | 120 |
| Mantenimiento en líneas de transmisión a 115 kV | 12 | 9 | 14 | 8 | 12 | 9 | 14 | 22 | 12 | 12 | 9 | 14 | 147 |
| Aperturas por otras causas en L.T. a 115 kV | | | | 7 | | 1 | | | | | 1 | | 9 |
| Fallas en líneas de transmisión a 230 kV Internas (1) | | | 3 | | | 2 | 1 | | 1 | | | | 7 |
| Mantenimientos en líneas de transmisión a 230 kV Internas (1) | 1 | 2 | 2 | 2 | | | 2 | | 2 | 3 | | 1 | 15 |
| Aperturas por otras causas en L.T. a 230 kV Internas (3) | 3 | | | | | | | | | | | 6 | 9 |
| Fallas en líneas de interconexión (2) | | | 1 | 1 | 3 | 1 | 1 | | 4 | 3 | 1 | 1 | 16 |
| Mantenimientos en líneas de interconexión (2) | | | 2 | 1 | 1 | 2 | 2 | 1 | 3 | 1 | 2 | 1 | 16 |
| Aperturas por otras causas en líneas de interconexión (3) | | 4 | | | | 1 | | | | | | | 5 |
| Fallas de circuitos de distribución | 30 | 42 | 67 | 97 | 90 | 132 | 121 | 120 | 157 | 94 | 99 | 46 | 1,095 |
| Mantenimientos en circuitos de distribución | 23 | 20 | 30 | 63 | 39 | 31 | 38 | 28 | 35 | 50 | 31 | 23 | 411 |
| Totales | 69 | 79 | 128 | 189 | 153 | 196 | 196 | 188 | 232 | 181 | 145 | 94 | 1,850 |

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

NUMERO DE EVENTOS DE FALLAS, MANTENIMIENTOS u OTRAS CAUSAS - Diciembre 2023


(1) Incluye SIEPAC y refuerzos internos a 230 kV; (2) Interconexiones con Guatemala y Honduras; (3) Otras causas.



Demanda Máxima de Potencia

| Demanda | Máxima | Nocturna | Mínima |
|----------------|-----------------|-----------------|------------------|
| Ene | 998 | 998 | 375 |
| | 31-ene-23 19:30 | 31-ene-23 19:30 | 1-ene-23 10:00 |
| Feb | 1,032 | 1,032 | 472 |
| | 21-feb-23 19:00 | 21-feb-23 19:00 | 5-feb-23 10:30 |
| Mar | 1,054 | 1,054 | 508 |
| | 22-mar-23 19:00 | 22-mar-23 19:00 | 19-mar-23 10:30 |
| Abr | 1,066 | 1,066 | 461 |
| | 25-abr-23 19:30 | 25-abr-23 19:30 | 7-abr-23 9:00 |
| May | 1,111 | 1,111 | 543 |
| | 18-may-23 19:30 | 18-may-23 19:30 | 14-may-23 9:30 |
| Jun | 1,116 | 1,069 | 494 |
| | 20-jun-23 15:30 | 14-jun-23 19:30 | 25-jun-23 10:30 |
| Jul | 1,131 | 1,131 | 497 |
| | 20-jul-23 19:00 | 20-jul-23 19:00 | 30-jul-23 10:30 |
| Ago | 1,113 | 1,113 | 504 |
| | 10-ago-23 19:30 | 10-ago-23 19:30 | 06-08 2023 09:30 |
| Sep | 1,119 | 1,084 | 481 |
| | 27-sep-23 15:30 | 7-sep-23 19:00 | 15-sep-23 10:00 |
| Oct | 1,113 | 1,065 | 489 |
| | 5-oct-23 15:30 | 25-oct-23 18:00 | 22-oct-23 11:00 |
| Nov | 1,099 | 1,097 | 434 |
| | 15-nov-23 15:00 | 27-nov-23 18:00 | 2-nov-23 9:30 |
| Dic | 1,092 | 1,092 | 391 |
| | 5-dic-23 18:30 | 5-dic-23 18:30 | 25-dic-23 9:00 |



Condición de Reserva

Reserva Rodante y Reserva Fría en demanda Máxima (MW)

NOVIEMBRE 2023

| Día | Cap. Disponible | Gen. Despachada | Demanda + Perdidas | Intercambio Neto (1) | Reserva Rodante | Reserva Fría |
|-----|-----------------|-----------------|--------------------|----------------------|-----------------|--------------|
| 1 | 1843 | 1048 | 1040 | -8 | 86 | 708 |
| 2 | 1813 | 963 | 973 | 10 | 125 | 725 |
| 3 | 1861 | 955 | 949 | -6 | 180 | 725 |
| 4 | 1863 | 1126 | 1091 | -35 | 24 | 713 |
| 5 | 1834 | 1144 | 1092 | -52 | 44 | 647 |
| 6 | 1812 | 1089 | 1052 | -37 | 86 | 638 |
| 7 | 1896 | 1102 | 1050 | -53 | 69 | 725 |
| 8 | 1890 | 1040 | 1042 | 2 | 142 | 709 |
| 9 | 1896 | 1046 | 997 | -49 | 83 | 766 |
| 10 | 1819 | 1025 | 970 | -55 | 52 | 742 |
| 11 | 1882 | 1094 | 1039 | -55 | 76 | 712 |
| 12 | 1928 | 1083 | 1030 | -53 | 142 | 704 |
| 13 | 1845 | 1105 | 1050 | -55 | 72 | 668 |
| 14 | 1892 | 1111 | 1058 | -53 | 101 | 680 |
| 15 | 1848 | 1068 | 1039 | -29 | 71 | 709 |
| 16 | 1953 | 1029 | 976 | -53 | 199 | 725 |
| 17 | 1799 | 951 | 902 | -49 | 123 | 725 |
| 18 | 1881 | 1007 | 955 | -52 | 39 | 835 |
| 19 | 1908 | 988 | 933 | -54 | 191 | 730 |
| 20 | 2023 | 956 | 955 | -1 | 205 | 862 |
| 21 | 2094 | 926 | 954 | 28 | 115 | 1053 |
| 22 | 1951 | 943 | 981 | 39 | 180 | 829 |
| 23 | 1609 | 935 | 938 | 4 | 29 | 645 |
| 24 | 2060 | 897 | 843 | -55 | 113 | 1050 |
| 25 | 1733 | 753 | 818 | 65 | 168 | 812 |
| 26 | 1916 | 1021 | 975 | -47 | 58 | 837 |
| 27 | 1896 | 1038 | 989 | -49 | 38 | 820 |
| 28 | 1940 | 1031 | 984 | -47 | 85 | 824 |
| 29 | 1951 | 1018 | 968 | -50 | 60 | 872 |
| 30 | 1983 | 957 | 906 | -51 | 69 | 957 |
| 31 | 1866 | 862 | 813 | -49 | 122 | 882 |

(1) Valor negativo significa Importación



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



| Fecha | Equipo | | | | | | | | | | |
|---------------------|----------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | ACAJ-BUNKER | ACAJ-DIESEL | BORE-BUNKER | EDP-GNL | GCSA-BUNKER | HILC-BUNKER | HOLC-BUNKER | NEPO-BUNKER | SOYA-BUNKER | TALN-BUNKER | TEXT-BUNKER |
| 01/12/2023 | \$86.65 | \$142.93 | \$87.59 | \$12.64 | \$109.91 | \$98.66 | \$88.28 | \$80.94 | \$88.46 | \$82.24 | \$93.03 |
| 02/12/2023 | \$86.65 | \$142.93 | \$87.59 | \$12.64 | \$109.91 | \$98.66 | \$88.28 | \$80.94 | \$88.46 | \$82.24 | \$93.03 |
| 03/12/2023 | \$86.65 | \$142.93 | \$87.59 | \$12.64 | \$109.91 | \$98.66 | \$88.28 | \$80.94 | \$88.46 | \$82.24 | \$93.03 |
| 04/12/2023 | \$87.92 | \$142.93 | \$88.87 | \$12.56 | \$109.91 | \$98.66 | \$89.59 | \$82.21 | \$89.74 | \$83.52 | \$93.03 |
| 05/12/2023 | \$87.92 | \$142.93 | \$88.87 | \$12.56 | \$109.91 | \$98.66 | \$89.59 | \$82.21 | \$89.74 | \$83.52 | \$93.03 |
| 06/12/2023 | \$87.92 | \$142.93 | \$88.87 | \$12.56 | \$109.91 | \$98.66 | \$89.59 | \$82.21 | \$89.74 | \$83.52 | \$93.03 |
| 07/12/2023 | \$87.92 | \$142.93 | \$88.87 | \$12.56 | \$109.91 | \$98.66 | \$89.59 | \$82.21 | \$89.74 | \$83.52 | \$93.03 |
| 08/12/2023 | \$87.92 | \$142.93 | \$88.87 | \$12.56 | \$109.91 | \$98.66 | \$89.59 | \$82.21 | \$89.74 | \$83.52 | \$93.03 |
| 09/12/2023 | \$87.92 | \$142.93 | \$88.87 | \$12.56 | \$109.91 | \$98.66 | \$89.59 | \$82.21 | \$89.74 | \$83.52 | \$93.03 |
| 10/12/2023 | \$87.92 | \$142.93 | \$88.87 | \$12.56 | \$109.91 | \$98.66 | \$89.59 | \$82.21 | \$89.74 | \$83.52 | \$93.03 |
| 11/12/2023 | \$88.09 | \$142.93 | \$89.04 | \$12.56 | \$109.91 | \$96.89 | \$89.75 | \$82.38 | \$89.91 | \$83.69 | \$93.03 |
| 12/12/2023 | \$88.09 | \$142.93 | \$89.04 | \$12.56 | \$109.91 | \$96.89 | \$89.75 | \$82.38 | \$89.91 | \$83.69 | \$93.03 |
| 13/12/2023 | \$88.09 | \$142.93 | \$89.04 | \$12.56 | \$109.91 | \$96.89 | \$89.75 | \$82.38 | \$89.91 | \$83.69 | \$93.03 |
| 14/12/2023 | \$88.09 | \$142.93 | \$89.04 | \$12.56 | \$109.91 | \$96.89 | \$89.75 | \$82.38 | \$89.91 | \$83.69 | \$93.03 |
| 15/12/2023 | \$88.09 | \$142.93 | \$89.04 | \$12.56 | \$109.91 | \$96.89 | \$89.75 | \$82.38 | \$89.91 | \$83.69 | \$93.03 |
| 16/12/2023 | \$88.09 | \$142.93 | \$89.04 | \$12.56 | \$109.91 | \$96.89 | \$89.75 | \$82.38 | \$89.91 | \$83.69 | \$93.03 |
| 17/12/2023 | \$88.09 | \$142.93 | \$89.04 | \$12.56 | \$109.91 | \$96.89 | \$89.75 | \$82.38 | \$89.91 | \$83.69 | \$93.03 |
| 18/12/2023 | \$87.04 | \$142.93 | \$87.98 | \$12.56 | \$109.91 | \$96.89 | \$88.70 | \$81.33 | \$88.86 | \$82.64 | \$93.03 |
| 19/12/2023 | \$87.04 | \$142.93 | \$87.98 | \$12.56 | \$109.91 | \$96.89 | \$88.70 | \$81.33 | \$88.86 | \$82.64 | \$93.03 |
| 20/12/2023 | \$87.04 | \$142.93 | \$87.98 | \$12.56 | \$109.91 | \$96.89 | \$88.70 | \$81.33 | \$88.86 | \$82.64 | \$93.03 |
| 21/12/2023 | \$87.04 | \$142.93 | \$87.98 | \$12.56 | \$109.91 | \$96.89 | \$88.70 | \$81.33 | \$88.86 | \$82.64 | \$93.03 |
| 22/12/2023 | \$87.04 | \$142.93 | \$87.98 | \$12.56 | \$109.91 | \$96.89 | \$88.70 | \$81.33 | \$88.86 | \$82.64 | \$93.03 |
| 23/12/2023 | \$87.04 | \$142.93 | \$87.98 | \$12.56 | \$109.91 | \$96.89 | \$88.70 | \$81.33 | \$88.86 | \$82.64 | \$93.03 |
| 24/12/2023 | \$87.04 | \$142.93 | \$87.98 | \$12.56 | \$109.91 | \$96.89 | \$88.70 | \$81.33 | \$88.86 | \$82.64 | \$93.03 |
| 25/12/2023 | \$88.85 | \$142.93 | \$89.80 | \$12.56 | \$109.91 | \$96.89 | \$90.51 | \$83.14 | \$90.52 | \$84.45 | \$93.03 |
| 26/12/2023 | \$88.85 | \$142.93 | \$89.80 | \$12.56 | \$109.91 | \$96.89 | \$90.51 | \$83.14 | \$90.52 | \$84.45 | \$93.03 |
| 27/12/2023 | \$88.85 | \$142.93 | \$89.80 | \$12.56 | \$109.91 | \$96.89 | \$90.51 | \$83.14 | \$90.52 | \$84.45 | \$93.03 |
| 28/12/2023 | \$88.85 | \$142.93 | \$89.80 | \$12.56 | \$109.91 | \$96.89 | \$90.51 | \$83.14 | \$90.52 | \$84.45 | \$93.03 |
| 29/12/2023 | \$88.85 | \$142.93 | \$89.80 | \$12.56 | \$109.91 | \$96.89 | \$90.51 | \$83.14 | \$90.52 | \$84.45 | \$93.03 |
| 30/12/2023 | \$88.85 | \$142.93 | \$89.80 | \$12.56 | \$109.91 | \$96.89 | \$90.51 | \$83.14 | \$90.52 | \$84.45 | \$93.03 |
| 31/12/2023 | \$88.85 | \$142.93 | \$89.80 | \$12.56 | \$109.91 | \$96.89 | \$90.51 | \$83.14 | \$90.52 | \$84.45 | \$93.03 |
| Promedio mes | \$87.85 | \$142.93 | \$88.79 | \$12.57 | \$109.91 | \$97.46 | \$89.51 | \$82.14 | \$89.63 | \$83.44 | \$93.03 |



Niveles de los embalses (msnm)

Niveles Promedio Diario (msnm) Referenciados Hora 0

| Fecha | Guajoyo | Cerrón Grande | 5 de Noviembre | 3 de Febrero |
|-----------------|---------------|---------------|----------------|---------------|
| 01/12/2023 | 426.79 | 241.78 | 178.84 | 210.52 |
| 02/12/2023 | 426.78 | 241.72 | 178.80 | 210.47 |
| 03/12/2023 | 426.76 | 241.68 | 178.95 | 210.44 |
| 04/12/2023 | 426.75 | 241.64 | 179.06 | 210.46 |
| 05/12/2023 | 426.73 | 241.59 | 179.03 | 210.41 |
| 06/12/2023 | 426.71 | 241.54 | 178.99 | 210.44 |
| 07/12/2023 | 426.69 | 241.48 | 179.05 | 210.48 |
| 08/12/2023 | 426.67 | 241.43 | 178.97 | 210.47 |
| 09/12/2023 | 426.65 | 241.39 | 178.99 | 210.48 |
| 10/12/2023 | 426.63 | 241.33 | 179.14 | 210.52 |
| 11/12/2023 | 426.62 | 241.29 | 179.05 | 210.51 |
| 12/12/2023 | 426.59 | 241.25 | 179.00 | 210.52 |
| 13/12/2023 | 426.55 | 241.20 | 178.86 | 210.48 |
| 14/12/2023 | 426.51 | 241.14 | 178.84 | 210.50 |
| 15/12/2023 | 426.47 | 241.09 | 178.85 | 210.47 |
| 16/12/2023 | 426.43 | 241.03 | 178.85 | 210.47 |
| 17/12/2023 | 426.39 | 240.97 | 179.00 | 210.49 |
| 18/12/2023 | 426.36 | 240.91 | 179.19 | 210.49 |
| 19/12/2023 | 426.32 | 240.85 | 179.26 | 210.49 |
| 20/12/2023 | 426.30 | 240.82 | 179.15 | 210.49 |
| 21/12/2023 | 426.29 | 240.78 | 179.27 | 210.50 |
| 22/12/2023 | 426.25 | 240.77 | 179.31 | 210.48 |
| 23/12/2023 | 426.22 | 240.77 | 179.28 | 210.48 |
| 24/12/2023 | 426.18 | 240.75 | 179.00 | 210.42 |
| 25/12/2023 | 426.14 | 240.76 | 178.93 | 210.44 |
| 26/12/2023 | 426.12 | 240.78 | 178.87 | 210.51 |
| 27/12/2023 | 426.09 | 240.76 | 178.91 | 210.49 |
| 28/12/2023 | 426.06 | 240.72 | 178.98 | 210.44 |
| 29/12/2023 | 426.03 | 240.68 | 179.02 | 210.44 |
| 30/12/2023 | 426.00 | 240.63 | 178.81 | 210.43 |
| 31/12/2023 | 425.97 | 240.58 | 178.84 | 210.45 |
| Promedio | 426.42 | 241.10 | 179.00 | 210.47 |



INTERRUPCIONES DICIEMBRE

| Entrega | Fecha Hora Inicio | Fecha Hora Final | Duración [Horas] | Rele | Motivo | MW | KWh | Responsable |
|---------|-------------------|------------------|------------------|---------------|---------------------------|-------|---------|-------------|
| 18-4-83 | 01/12/2023 05:32 | 01/12/2023 05:33 | 0.0200 | 51, 51NS, 59N | Falla en Línea | 3.32 | 55.33 | EEO |
| 39-4-81 | 01/12/2023 06:29 | 01/12/2023 06:30 | 0.0200 | 51NS | Falla en Línea | 7.43 | 123.83 | DELSUR |
| 39-4-82 | 01/12/2023 06:29 | 01/12/2023 06:30 | 0.0200 | 51NS | Falla en Línea | 6.52 | 108.67 | DELSUR |
| 34-4-84 | 01/12/2023 17:10 | 01/12/2023 17:11 | 0.0200 | 51NS, 59N | Falla en Línea | 2.76 | 46 | EEO |
| 44-4-82 | 02/12/2023 10:01 | 02/12/2023 19:45 | 9.7300 | MANUAL | Solicitud de Distribuidor | 0 | 0 | CLESA |
| 49-4-82 | 02/12/2023 11:37 | 02/12/2023 11:38 | 0.0200 | 51 | Falla en Línea | 6.27 | 104.5 | EEO |
| 42-2-83 | 02/12/2023 12:04 | 02/12/2023 19:31 | 7.4500 | 51, 59N | Falla en Línea | 0.19 | 1472.81 | DELSUR |
| 13-3-84 | 02/12/2023 14:00 | 02/12/2023 14:01 | 0.0200 | 51 | Falla en Línea | 1.75 | 29.17 | CLESA |
| 13-3-84 | 03/12/2023 01:24 | 03/12/2023 16:19 | 14.9200 | MANUAL | Mantenimiento Programado | 0 | 0 | ETESAL |
| 37-2-83 | 03/12/2023 06:01 | 03/12/2023 09:58 | 3.9500 | MANUAL | Mantenimiento Programado | 1.76 | 3890.04 | EDESAL |
| 13-3-82 | 03/12/2023 08:03 | 03/12/2023 16:05 | 8.0300 | MANUAL | Mantenimiento Programado | 0 | 0 | ETESAL |
| 13-3-92 | 03/12/2023 08:09 | 03/12/2023 16:06 | 7.9500 | MANUAL | Mantenimiento Programado | 0 | 0 | ETESAL |
| 38-4-81 | 03/12/2023 08:43 | 03/12/2023 08:44 | 0.0200 | 51G | Falla en Línea | 7.1 | 118.33 | CAESS |
| 16-4-81 | 04/12/2023 13:39 | 05/12/2023 12:51 | 23.2000 | 51, 59N | Falla en Línea | 6.18 | 206 | CLESA |
| 45-2-81 | 06/12/2023 11:47 | 06/12/2023 11:48 | 0.0200 | 51 | Falla en Línea | 2.54 | 42.33 | DELSUR |
| 13-3-84 | 06/12/2023 16:46 | 06/12/2023 16:47 | 0.0200 | 51 | Falla en Línea | 2.74 | 45.67 | CLESA |
| 32-4-81 | 08/12/2023 06:30 | 08/12/2023 06:31 | 0.0200 | 51 | Falla en Línea | 6.03 | 100.5 | DELSUR |
| 34-4-83 | 09/12/2023 20:17 | 09/12/2023 20:19 | 0.0300 | 51, 59N | Falla en Línea | 17.06 | 568.67 | EEO |
| 35-4-84 | 10/12/2023 03:29 | 10/12/2023 03:30 | 0.0200 | 51, 51NS, 59N | Falla en Línea | 1.31 | 21.83 | DELSUR |
| 11-4-84 | 10/12/2023 06:29 | 10/12/2023 06:30 | 0.0200 | 27, 51 | Falla en Línea | 8.19 | 136.5 | CLESA |
| 13-4-81 | 10/12/2023 07:07 | 10/12/2023 15:51 | 8.7300 | MANUAL | Mantenimiento Programado | 0 | 0 | ETESAL |
| 13-4-82 | 10/12/2023 07:26 | 10/12/2023 16:56 | 9.5000 | MANUAL | Mantenimiento Programado | 0 | 0 | ETESAL |
| 47-4-83 | 11/12/2023 02:33 | 11/12/2023 02:34 | 0.0200 | 51NS, 59N | Falla en Línea | 6.25 | 104.17 | DELSUR |
| 38-4-84 | 11/12/2023 14:08 | 11/12/2023 14:09 | 0.0200 | 59N | Falla en Línea | 0 | 0 | DELSUR |
| 34-4-81 | 12/12/2023 13:32 | 12/12/2023 13:34 | 0.0300 | 51, 59N | Falla en Línea | 17.81 | 593.67 | EEO |
| 47-4-82 | 13/12/2023 02:38 | 13/12/2023 02:39 | 0.0200 | 51NS, 59N | Falla en Línea | 5.9 | 98.33 | DELSUR |
| 37-2-85 | 13/12/2023 06:00 | 13/12/2023 06:01 | 0.0200 | 51 | Falla en Línea | 6.87 | 114.5 | DELSUR |
| 38-4-81 | 13/12/2023 08:45 | 13/12/2023 08:46 | 0.0200 | 51, 51G | Falla en Línea | 9.01 | 150.17 | CAESS |
| 41-4-83 | 13/12/2023 15:11 | 13/12/2023 15:16 | 0.0800 | 51, 59N | Falla en Línea | 0 | 0 | CASSA |
| 32-4-81 | 14/12/2023 06:06 | 14/12/2023 06:07 | 0.0200 | 51 | Falla en Línea | 5.88 | 98 | DELSUR |
| 50-4-84 | 14/12/2023 06:14 | 14/12/2023 06:15 | 0.0200 | 51 | Falla en Línea | 4.69 | 78.17 | CLESA |
| 47-4-81 | 15/12/2023 11:52 | 15/12/2023 12:26 | 0.5700 | MANUAL | Mantenimiento Programado | 0 | 0 | DELSUR |
| 47-4-83 | 15/12/2023 12:32 | 15/12/2023 13:02 | 0.5000 | MANUAL | Mantenimiento Programado | 0 | 0 | DELSUR |
| 46-4-84 | 15/12/2023 13:17 | 15/12/2023 13:50 | 0.5500 | MANUAL | Mantenimiento Programado | 0 | 0 | DELSUR |
| 46-4-84 | 16/12/2023 01:23 | 16/12/2023 17:24 | 16.0200 | MANUAL | Mantenimiento Programado | 0 | 0 | DELSUR |
| 44-4-81 | 16/12/2023 17:41 | 16/12/2023 17:42 | 0.0200 | 51G | Falla en Línea | 15.91 | 265.17 | DELSUR |
| 16-4-82 | 17/12/2023 07:22 | 17/12/2023 07:23 | 0.0200 | 51, 59N | Falla en Línea | 6.13 | 102.17 | CLESA |
| 37-2-83 | 17/12/2023 08:02 | 17/12/2023 17:03 | 9.0200 | MANUAL | Mantenimiento Programado | 0 | 0 | EDESAL |
| 44-4-83 | 17/12/2023 08:14 | 17/12/2023 08:16 | 0.0300 | MANUAL | Solicitud de Distribuidor | 0 | 0 | CLESA |
| 44-4-83 | 17/12/2023 14:30 | 17/12/2023 14:33 | 0.0500 | MANUAL | Solicitud de Distribuidor | 0 | 0 | CLESA |
| 30-2-83 | 18/12/2023 06:00 | 18/12/2023 06:01 | 0.0200 | 51, 87L | Falla en Línea | 18.8 | 313.33 | CAESS |
| 38-4-83 | 18/12/2023 07:33 | 18/12/2023 16:18 | 8.7500 | MANUAL | Mantenimiento Programado | 0 | 0 | HANES |
| 16-4-81 | 18/12/2023 07:42 | 18/12/2023 07:43 | 0.0200 | 51, 59N | Falla en Línea | 3.75 | 62.5 | CLESA |
| 11-4-84 | 19/12/2023 03:47 | 19/12/2023 03:50 | 0.0500 | 51 | Falla en Línea | 1.63 | 81.5 | CLESA |
| 11-4-81 | 19/12/2023 03:47 | 19/12/2023 03:48 | 0.0200 | 50 | Falla en Línea | 3.5 | 58.33 | CLESA |
| 38-4-83 | 19/12/2023 07:41 | 19/12/2023 16:22 | 8.6800 | MANUAL | Mantenimiento Programado | 0 | 0 | HANES |
| 47-4-84 | 20/12/2023 04:52 | 20/12/2023 04:53 | 0.0200 | 51 | Falla en Línea | 3.06 | 51 | DELSUR |
| 38-4-83 | 20/12/2023 07:31 | 20/12/2023 15:42 | 8.1800 | MANUAL | Mantenimiento Programado | 0 | 0 | HANES |
| 38-4-81 | 20/12/2023 22:04 | 20/12/2023 22:05 | 0.0200 | 51, 51G | Falla en Línea | 11.35 | 189.17 | CAESS |
| 38-4-83 | 21/12/2023 07:34 | 21/12/2023 16:09 | 8.5800 | MANUAL | Mantenimiento Programado | 0 | 0 | HANES |
| 34-4-81 | 21/12/2023 17:16 | 21/12/2023 17:17 | 0.0200 | 51 | Falla en Línea | 16.79 | 279.83 | EEO |
| 35-4-85 | 22/12/2023 02:55 | 22/12/2023 02:56 | 0.0200 | 51, 51NS, 59N | Falla en Línea | 8.76 | 146 | ANDA |


PROGRAMA ANUAL DE MANTENIMIENTOS MAYORES (PAMM) SEMANA 20 DE 2024 - SEMANA 19 DE 2024

Table with columns: CATEGORIA, SUBCATEGORIA, DESCRIPCION, FECHA INICIO, FECHA FIN, DURACION, ESTADO, OBSERVACIONES, FECHA INICIO, FECHA FIN, DURACION, OBSERVACIONES. Rows include various maintenance tasks for different units and systems.


Proceso
Sucesos/Reparaciones
Realizado

- 30-01- EDP solicita dividir el mantenimiento en tubos de 6 en 2 unidades.
31-01- NEPI solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
32-01- TERTULIA solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
33-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
34-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
35-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
36-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
37-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
38-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
39-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
40-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
41-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
42-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
43-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
44-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
45-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
46-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
47-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
48-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
49-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.
50-01- EDP solicita suscitarse mantenimiento de tubo m12 en su horario de trabajo de operación requerida.



(503)2521-7300 
(503)2521-7301

www.ut.com.sv 

@UTSV_informa 

Km. 12 ½ Carretera al Puerto de La Libertad, desvío a Nuevo Cuscatlán, Nuevo Cuscatlán, La Libertad. 