

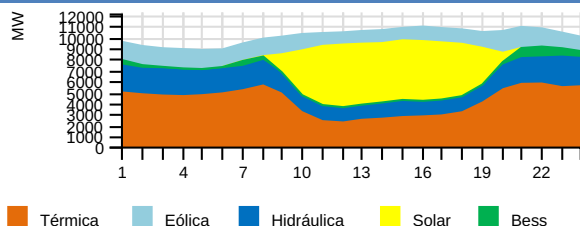
# RESUMEN EJECUTIVO DE OPERACIÓN

Martes 18 de Marzo del 2025

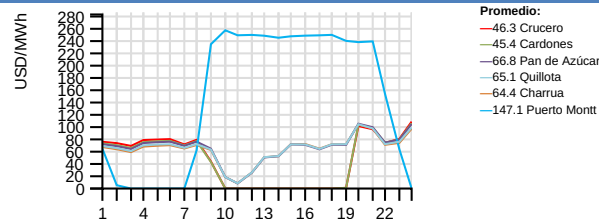


## RESUMEN EJECUTIVO DE OPERACIÓN

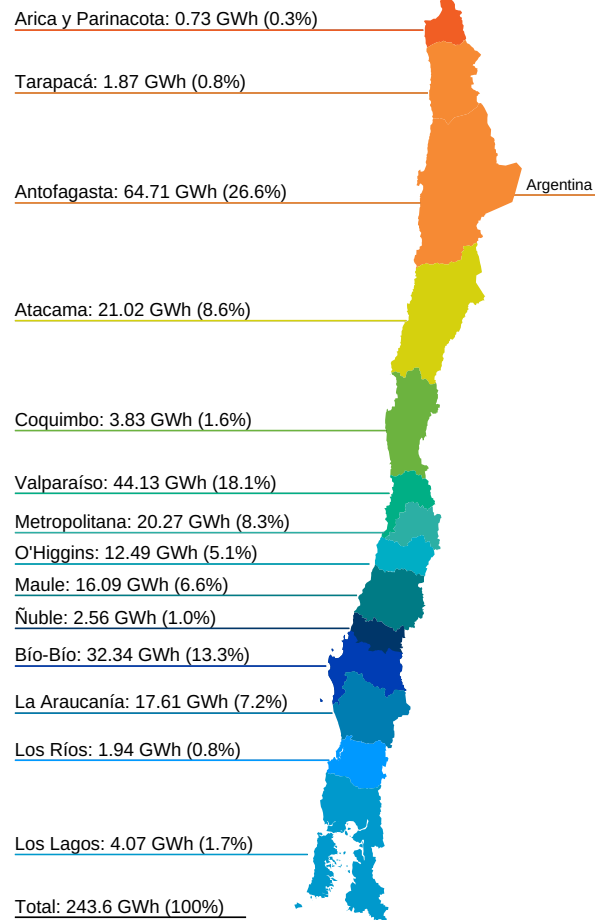
### Generación horaria bruta por tecnología (MW)



### Costo Marginal Real Preliminar (USD/MWh)



### Generación por Regiones (GWh)



### Generación por Fuente Total del SEN

|              | Diario (GWh)  |             | Mensual (GWh) (*) |                |             | Acumulado Anual (TWh) (*) |              |              |
|--------------|---------------|-------------|-------------------|----------------|-------------|---------------------------|--------------|--------------|
|              | Mar 18/mar    | 2025        | 2024              | var%           | 2025        | 2024                      | var%         |              |
| Bess         | 4.94          | 2.03%       | 73.16             | 4.76           | 1436.97     | 0.28                      | 0.02         | 1300.00      |
| Eólica       | 35.73         | 14.66%      | 559.52            | 580.77         | -3.66       | 2.49                      | 2.18         | 14.22        |
| Geotérmica   | 0.34          | 0.14%       | 6.21              | 18.55          | -66.52      | 0.03                      | 0.09         | -66.67       |
| Hidráulica   | 46.06         | 18.90%      | 941.01            | 1068.13        | -11.90      | 4.64                      | 5.44         | -14.71       |
| Solar        | 52.91         | 21.72%      | 971.01            | 1021.72        | -4.96       | 4.85                      | 4.60         | 5.43         |
| Térmica      | 103.66        | 42.55%      | 1768.16           | 1578.02        | 12.05       | 6.17                      | 6.34         | -2.68        |
| <b>Total</b> | <b>243.64</b> | <b>100%</b> | <b>4319.07</b>    | <b>4271.95</b> | <b>1.10</b> | <b>18.46</b>              | <b>18.67</b> | <b>-1.12</b> |

### Generación Hidráulica

|              | Diario (GWh) |             | Mensual (GWh) (*) |                |               | Acumulado Anual (TWh) (*) |             |               |
|--------------|--------------|-------------|-------------------|----------------|---------------|---------------------------|-------------|---------------|
|              | Mar 18/mar   | 2025        | 2024              | var%           | 2025          | 2024                      | var%        |               |
| Embalse      | 24.70        | 53.62%      | 513.13            | 596.05         | -13.91        | 2.37                      | 3.04        | -22.04        |
| Pasada       | 21.36        | 46.38%      | 427.89            | 472.09         | -9.36         | 2.27                      | 2.40        | -5.42         |
| <b>Total</b> | <b>46.06</b> | <b>100%</b> | <b>941.02</b>     | <b>1068.14</b> | <b>-11.90</b> | <b>4.64</b>               | <b>5.44</b> | <b>-14.71</b> |

### Variación de generación Real vs Programada (%), Reducción Energía Eólica y Solar durante la Operación en Tiempo Real (OTR)

|              | Diario Mar 18/mar (MWh) |                 |              | Reducción Acumulada (GWh) (*) |              |                |                |             |
|--------------|-------------------------|-----------------|--------------|-------------------------------|--------------|----------------|----------------|-------------|
|              | Real                    | Programado      | var%         | Reducción                     | %            | var%           |                |             |
| Eólica       | 35729.49                | 36188.70        | -1.27        | 3250.62                       | 8.34         | 325.42         | 369.82         | -12.01      |
| Solar        | 52914.47                | 59661.30        | -11.31       | 16411.82                      | 23.67        | 1106.03        | 1007.44        | 9.79        |
| <b>Total</b> | <b>88643.96</b>         | <b>95850.00</b> | <b>-7.52</b> | <b>19662.44</b>               | <b>18.15</b> | <b>1431.45</b> | <b>1377.26</b> | <b>3.93</b> |

### Generación Renovable no Convencional

|              | Diario (GWh) |             | Mensual (GWh) (*) |                |              | Acumulado Anual (TWh) (*) |             |             |
|--------------|--------------|-------------|-------------------|----------------|--------------|---------------------------|-------------|-------------|
|              | Mar 18/mar   | 2025        | 2024              | var%           | 2025         | 2024                      | var%        |             |
| BioGas       | 0.47         | 0.47%       | 8.74              | 7.39           | 18.27        | 0.03                      | 0.03        | 0.00        |
| Biomasa (**) | 3.82         | 3.87%       | 66.51             | 83.51          | -20.36       | 0.32                      | 0.38        | -15.79      |
| Eólica       | 35.73        | 36.20%      | 559.52            | 580.77         | -3.66        | 2.49                      | 2.18        | 14.22       |
| Geotérmica   | 0.34         | 0.34%       | 6.21              | 18.55          | -66.52       | 0.03                      | 0.09        | -66.67      |
| Pasada (**)  | 5.42         | 5.49%       | 111.13            | 103.37         | 7.51         | 0.49                      | 0.50        | -2.00       |
| Solar        | 52.91        | 53.62%      | 971.01            | 1021.72        | -4.96        | 4.85                      | 4.60        | 5.43        |
| <b>Total</b> | <b>98.69</b> | <b>100%</b> | <b>1723.12</b>    | <b>1815.31</b> | <b>-5.08</b> | <b>8.21</b>               | <b>7.78</b> | <b>5.53</b> |

### Consumo de Combustible Teórico

|                  |       | Consumo de Combustible Teórico |         |                 |
|------------------|-------|--------------------------------|---------|-----------------|
|                  |       | Diario                         | Mensual | Acumulado Anual |
|                  |       | Mar 18/mar                     | 2025    | 2025            |
| Biogas           | Nm3   | 284491                         | 4925363 | 17234605        |
| Biogas           | m3    | 0                              | 0       | 0               |
| Biomasa          | m3    | 1513                           | 13901   | 82079           |
| Biomasa          | m3 st | 4844                           | 98452   | 387347          |
| Biomasa          | ton   | 3835                           | 62289   | 326827          |
| Biomasa          | Tss   | 624                            | 10410   | 45037           |
| Carbón + Petcoke | ton   | 17908                          | 261296  | 853592          |
| Diésel           | ton   | 227                            | 1720    | 16090           |
| Gas Natural      | dam3  | 6124                           | 105417  | 402299          |
| GNL              | dam3  | 2561                           | 52666   | 180030          |
| Licor Negro      | Tss   | 3131                           | 58990   | 232157          |
| Otro             |       | 0                              | 0       | 0               |

### Generación Térmica

|              | Diario (GWh)  |             | Mensual (GWh) (*) |                |              | Acumulado Anual (TWh) (*) |             |              |
|--------------|---------------|-------------|-------------------|----------------|--------------|---------------------------|-------------|--------------|
|              | Mar 18/mar    | 2025        | 2024              | var%           | 2025         | 2024                      | var%        |              |
| BioGas       | 0.47          | 0.45%       | 8.74              | 7.39           | 18.27        | 0.03                      | 0.03        | 0.00         |
| Biomasa      | 3.87          | 3.75%       | 67.72             | 85.72          | -21.00       | 0.33                      | 0.39        | -15.38       |
| Carbón       | 51.43         | 49.61%      | 796.38            | 741.89         | 7.34         | 2.53                      | 2.92        | -13.36       |
| Cogeneracion | 1.40          | 1.35%       | 30.64             | 40.02          | -23.44       | 0.12                      | 0.18        | -33.33       |
| Diésel       | 1.08          | 1.04%       | 11.68             | 5.69           | 105.27       | 0.09                      | 0.04        | 125.00       |
| Fuel Oil     | 0.00          | 0.00%       | 0.00              | 0.00           | 0.00         | 0.00                      | 0.00        | 0.00         |
| Gas Natural  | 44.31         | 42.75%      | 831.76            | 680.34         | 22.26        | 2.99                      | 2.71        | 10.33        |
| PetCoke      | 1.10          | 1.06%       | 21.24             | 16.97          | 25.16        | 0.08                      | 0.06        | 33.33        |
| <b>Total</b> | <b>103.66</b> | <b>100%</b> | <b>1768.16</b>    | <b>1578.02</b> | <b>12.05</b> | <b>6.17</b>               | <b>6.33</b> | <b>-2.53</b> |

### Crecimiento anual

-1.12

### Participación anual ERNC

44.47%

### Importación

0.0 GWh

### Exportación

0.0 GWh

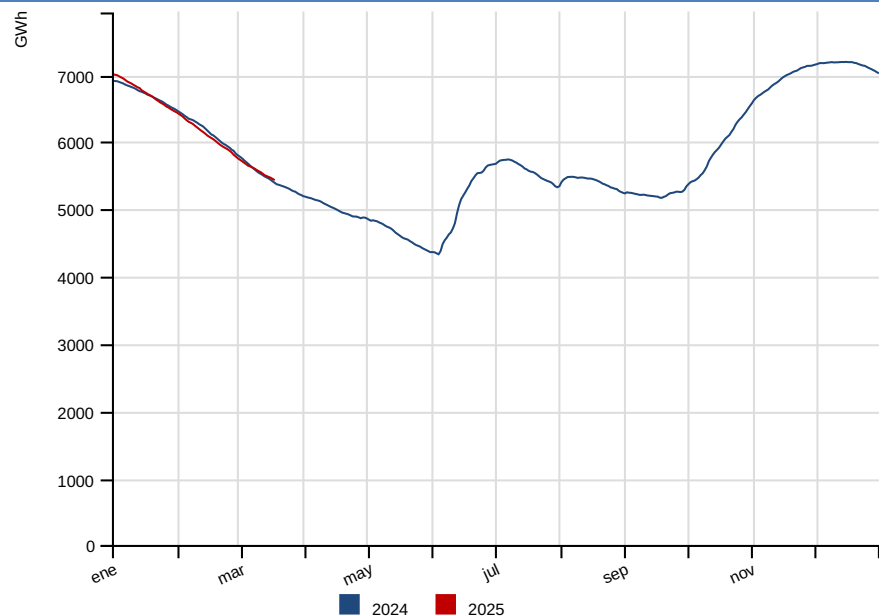
(\*) Representa el acumulado a igual fecha 2025 y 2024

**Var % Mensual:** [(Valor Año Actual) - (Valor Año Anterior)] / (Valor Año Anterior) -- **Var % Acumulado Anual:** [(Valor Año Actual - Valor Año Anterior) / (Valor Año Anterior)]

(\*\*) Factor de ajuste para inyecciones de ERNC, de acuerdo a Balance-ERNC.

## RESUMEN DIARIO OPERACIÓN

### Energía Embalsada en los Últimos 12 Meses (GWh)



### Cotas (msnm)

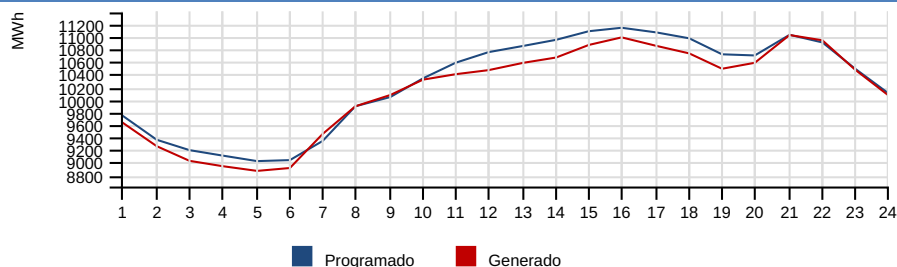
|           | Diario     |            | Máxima  | Mín. Operacional |
|-----------|------------|------------|---------|------------------|
|           | Mar 18/mar | Lun 17/mar | 2025    | 2025             |
| Rapel     | 103.36     | 103.35     | 105.00  | 100.50           |
| Invernada | 1315.50    | 1315.51    | 1318.00 | 1282.80          |
| Melado    | 644.32     | 644.27     | 648.00  | 641.00           |
| Colbun    | 423.15     | 423.30     | 437.00  | 397.00           |
| Maule     | 2169.05    | 2169.06    | 2180.85 | 2152.10          |
| Laja      | 1330.59    | 1330.65    | 1368.00 | 1300.00          |
| Ralco     | 709.28     | 709.49     | 725.00  | 692.00           |
| Pangué    | 507.98     | 507.55     | 510.00  | 501.00           |
| Chapo     | 235.73     | 235.78     | 243.00  | 222.00           |

### Precipitaciones (mm)

|           | Diario     |            |        | Acumulado Anual (*) |                 |
|-----------|------------|------------|--------|---------------------|-----------------|
|           | Mar 18/mar | Lun 17/mar | 2025   | var% 2024           | var% Año Normal |
| Rapel     | 0.00       | 0.00       | 0.00   | -                   | -100.00         |
| Invernada | 0.00       | 0.00       | 0.00   | -100.00             | -100.00         |
| Melado    | 0.00       | 0.00       | 7.40   | 5.71                | -81.66          |
| Colbún    | 0.00       | 0.00       | 21.50  | 54.68               | -57.41          |
| Laja      | 0.00       | 0.00       | 30.00  | 154.24              | -73.33          |
| Pangué    | 0.00       | 0.00       | 53.00  | 38.02               | -67.10          |
| Chapo     | 0.00       | 0.00       | 269.00 | 18.24               | -36.00          |

Nota: Del total de energía embalsada, 697.3 GWh son gestionables por el Coordinador a la fecha del presente informe, sin considerar la energía embalsada en Colbún y los derechos de generación de Laguna del Maule y Lago Laja. Si se incluyen los recursos de Colbún, Laguna del Maule y Lago Laja la energía gestionable alcanza los 2687.4 GWh.

### Comparación Programado vs Generado (MWh)



### Demanda Máxima (MW), Generación (GWh) y Frecuencia (Hz)

|                   | Diario             |             |       | Máximo Anual (*) |             |             |
|-------------------|--------------------|-------------|-------|------------------|-------------|-------------|
|                   | Mar 18/mar         | Lun 17/mar  | var%  | 2025             | 2024        | var%        |
| Máxima Horaria    | 11028.75           | 11078.11    | -0.45 | 11547.96         | 12013.78    | -3.83       |
|                   | <b>Programado</b>  | <b>Hora</b> |       | <b>Real</b>      | <b>Hora</b> | <b>var%</b> |
| Demanda Máx.      | 11144.03           | 16          |       | 11028.75         | 21          | -0.99       |
| Demanda Punta     | -                  | -           |       | -                | -           | -           |
| Generación Total  | 246.56             | -           |       | 243.65           | -           | -1.18       |
|                   | <b>Frecuencias</b> |             |       |                  |             |             |
|                   | <b>Hz</b>          | <b>Hora</b> |       |                  |             |             |
| Frecuencia Máxima | 50.30              | 06:14:42    |       |                  |             |             |
| Frecuencia Mínima | 49.75              | 10:03:11    |       |                  |             |             |

**Var % Diario:**  $\frac{((\text{Valor día informe}) - (\text{Valor día anterior}))}{(\text{Valor día anterior})} * 100$  -- **Var % Máximo Anual:**  $\frac{((\text{Valor anual actual}) - (\text{Valor anual anterior}))}{(\text{Valor anual anterior})} * 100$  -- **Var % Demanda Máx, Demanda Punta y Generación Total:**  $\frac{((\text{Valor real}) - (\text{Valor programado}))}{(\text{Valor programado})} * 100$

### Costo Marginal Real Preliminar Barra 220 kV Quillota

**65.15 USD/MWh**

### Costo Marginal Real Preliminar Barra 220 kV Crucero

**46.28 USD/MWh**

Eventos energéticos según Oficio Ordinario 1245/2014 del Ministerio de Energía.

| Sistema | Tipo | Fecha F/S | Hora F/S | Detalle | Fecha E/S | Hora E/S |
|---------|------|-----------|----------|---------|-----------|----------|
|---------|------|-----------|----------|---------|-----------|----------|