

During 2023, the participation of NCRE* in the SEN reached 33.7%, representing an increase of 3.2% compared to 2022

Similarly, the regions that contributed the largest amount of non-conventional renewable energy (NCRE) with respect to the total generated in the SEN** were Antofagasta with 10.4%, followed by Atacama and Araucania region, with 8.6% and 3.3% respectively.

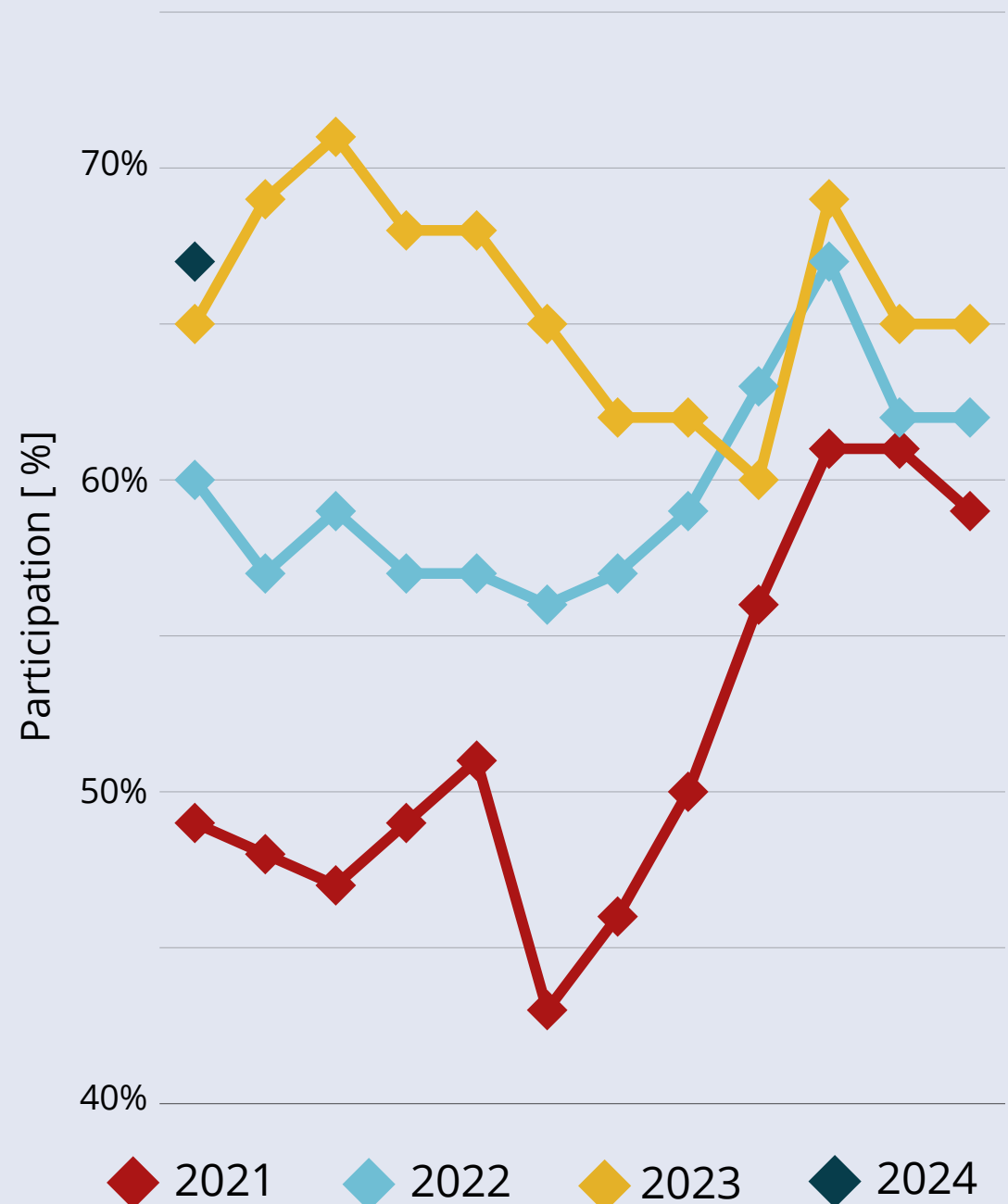
*NCRE: Biomass, biogas, CSP (Concentrated Solar Power), wind, geothermal, photovoltaic solar, and run-of-river hydroelectric plants up to 20 MW.

** Regional generation does not include plants under review.

In January, the maximum hourly participation solar + wind technologies in the SEN reached 66.9%, increasing by 1.9% compared to the same month of the previous year

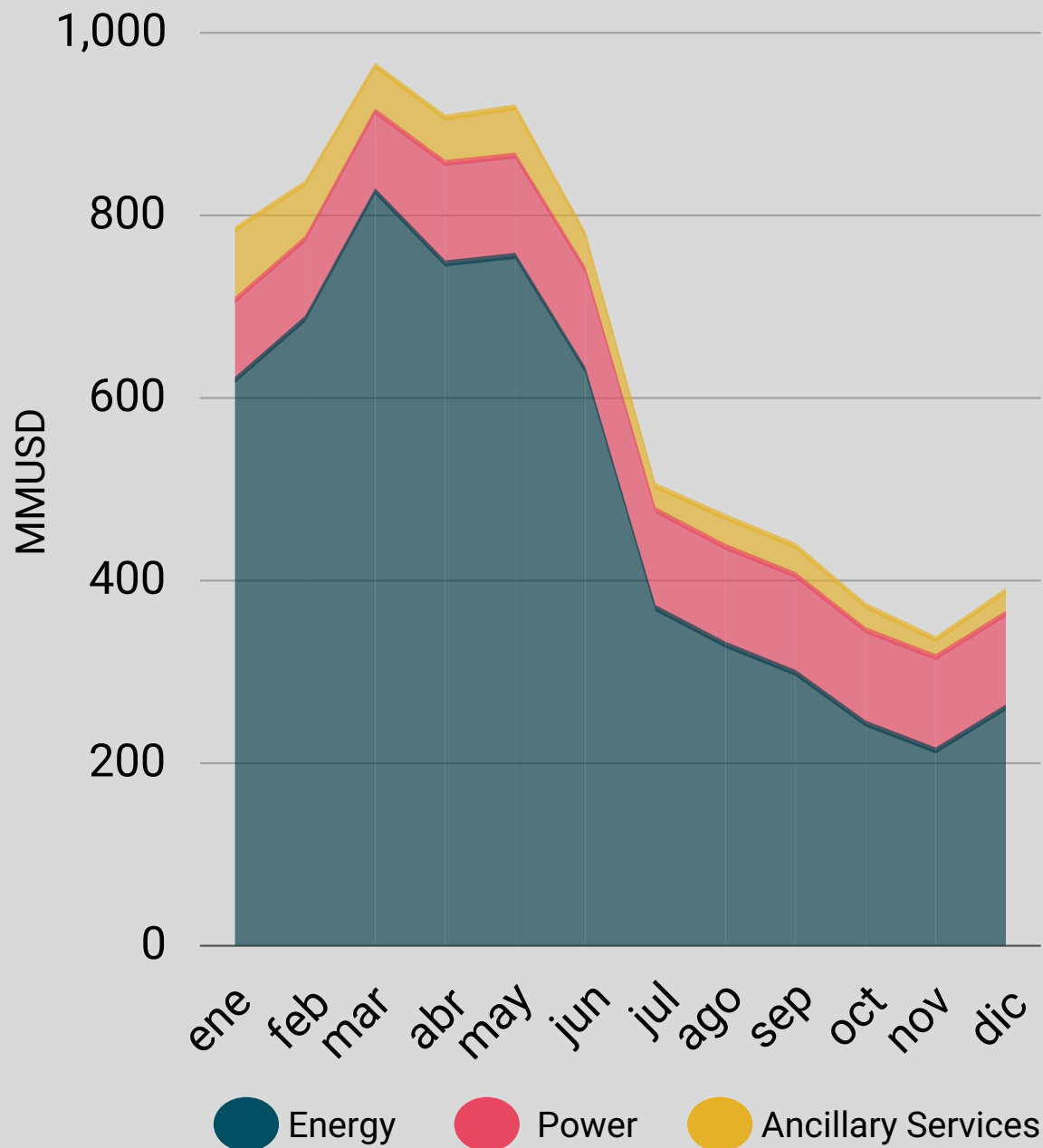
In 2023, the maximum hourly participation of solar + wind technologies in the SEN reached **71.4%**, recorded during the month of March. This value represented an increase of **4.8%** compared to the maximum penetration reached in October 2022.

Evolution of the maximum instantaneous penetration solar + wind technologies



*Consider the hour with the maximum participation solar and wind technologies for each month in the years 2021, 2022, 2023, and 2024.

Electricity Generation Market Size 2023



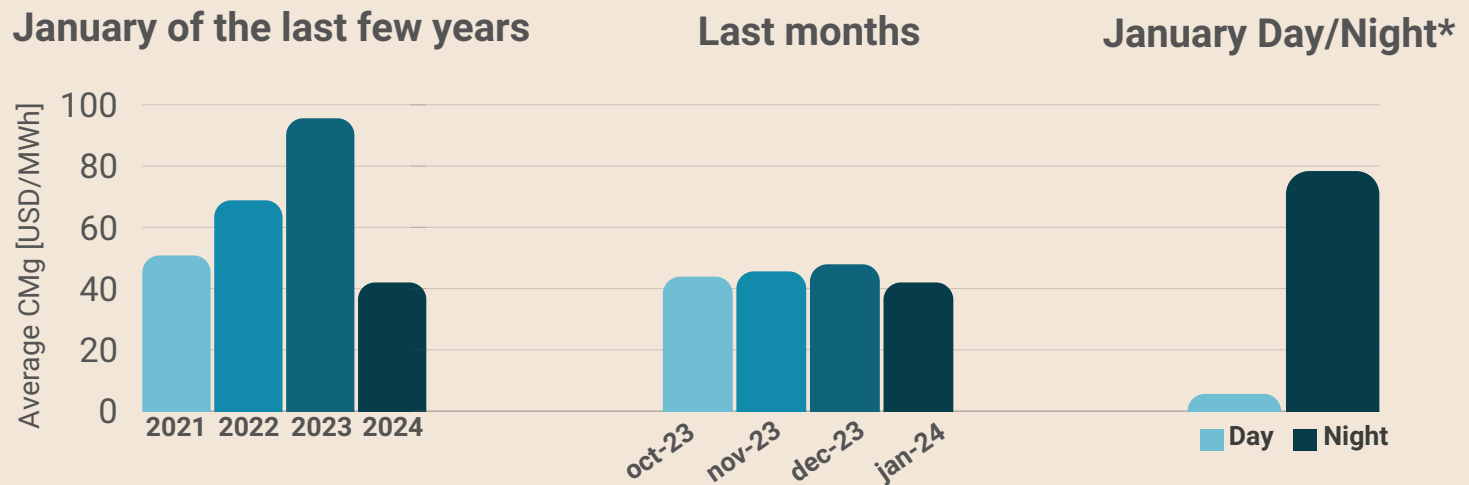
In 2023, the energy market represented 77% of the total value of the generation market

Additionally, it was observed that the energy market reached an average monthly valuation of **499 MMUSD**, the power in **102 MMUSD**, and the ancillary services market was valued at approximately **41 MMUSD** monthly.

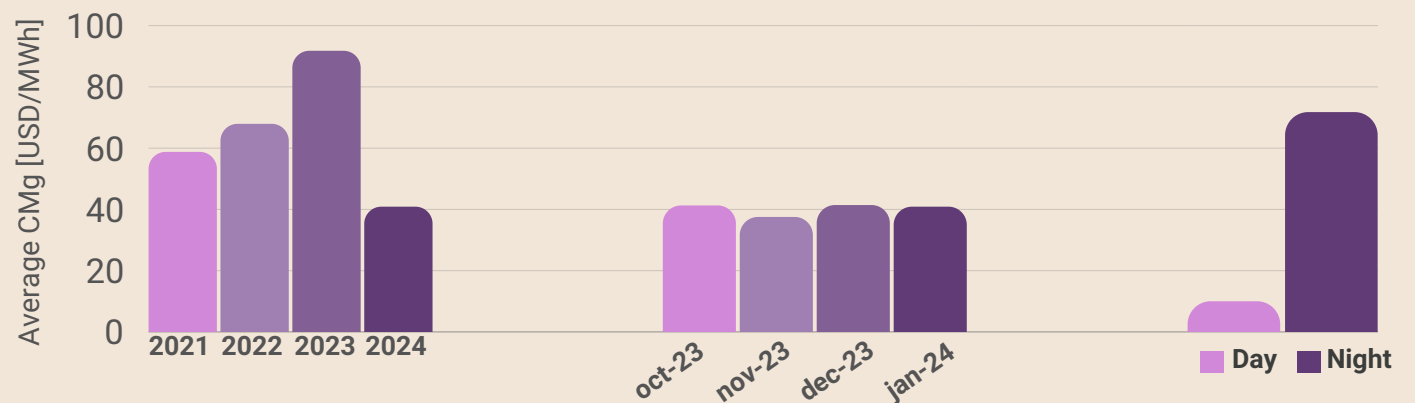
System Marginal Cost (CMg) trend

The average Marginal Cost during the month of January at the Quillota 220 kV, Crucero 220 kV, and Puerto Montt 220 kV substations is presented in the following summary:

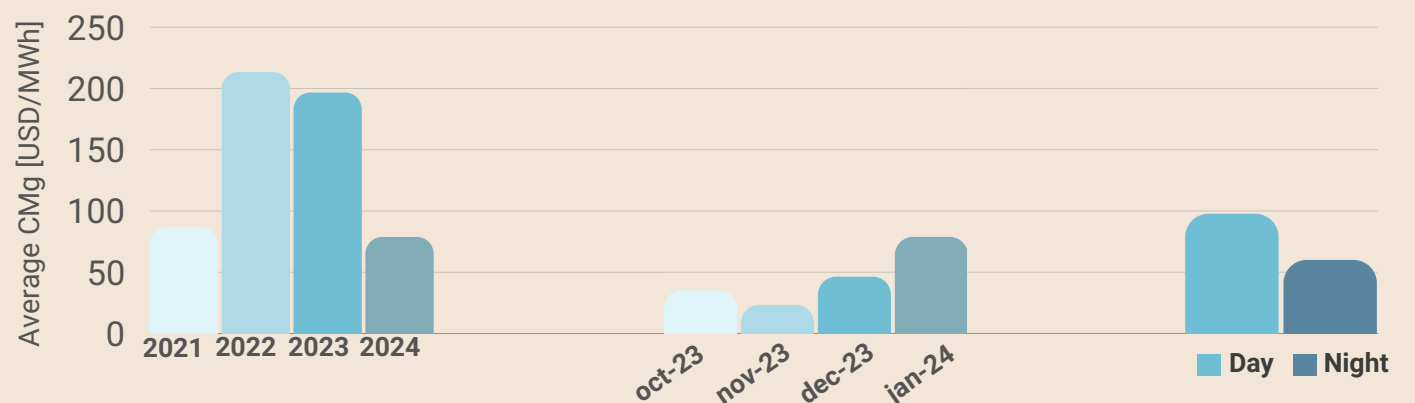
Crucero 220 kV



Quillota 220 kV



Puerto Montt 220 kV



*Day is considered solar hours, the period between 08:00 and 19:00 hrs, Night corresponds to the rest of the day.

System Marginal Cost (CMg) trend

Crucero 220 kV

The average marginal cost during the day and night was **5.6 USD/MWh** and **78.4 USD/MWh** respectively.

The average monthly CMg decreased by **56.1%** compared to the same month of the previous year and decreased by **12.4%** compared to December 2023.

The average marginal cost during the day and night was **10.0 USD/MWh** and **71.8 USD/MWh** respectively.

The average monthly CMg decreased by **55.4%** compared to the same month of the previous year and decreased by **1.3%** compared to December 2023.

Quillota 220 kV

The average marginal cost during the day and night was **97.7 USD/MWh** and **60.0 USD/MWh** respectively.

The average monthly CMg decreased by **59.9%** compared to the same month of the previous year and increased by **70.2%** compared to December 2023.

Puerto Montt 220 kV