Gestión de Energía y Mercados

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Weekly report on electricity markets

Week 39 – 2022

10/03/2022

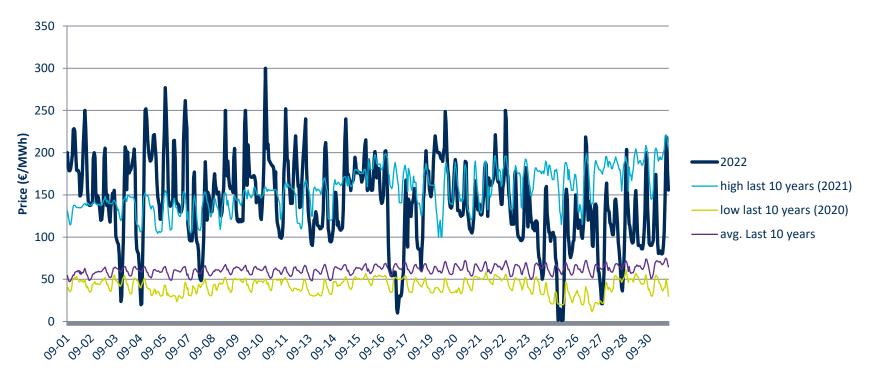
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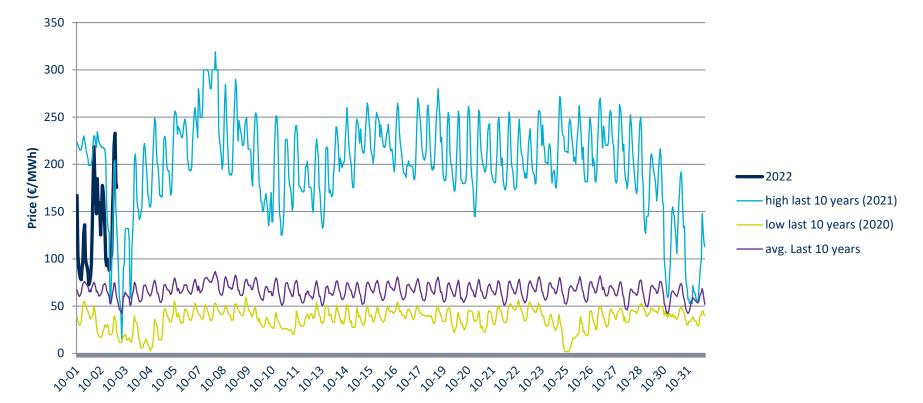
Spot price evolution

For each hour of the current month (October 2022) and September 2022 the Day-ahead Market prices or spot prices are shown, and their comparison with:

- The corresponding month of the year with the highest spot price in the last 10 years (year 2021)
- The corresponding month of the year with the lowest spot price in the last 10 years (year 2020)
- The average of the last 10 years



Spot prices hourly - September

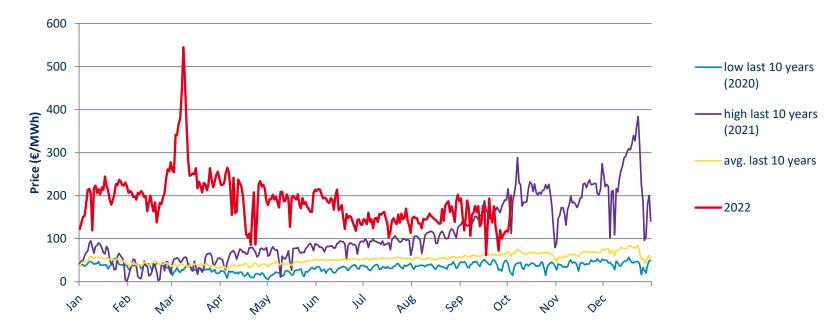


Spot prices hourly - October

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The following graph reflects the daily averages of the hourly spot prices of the current year (2022), and their comparison with:

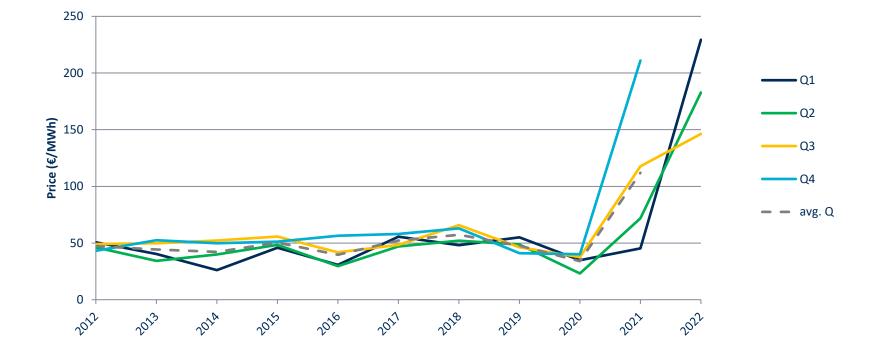
- The daily average values of the year with the highest average spot price of the last 10 years (2021)
- The daily average values of the year with the lowest average spot price of the last 10 years (2020)
- Average values of the last 10 years



Spot price daily average values

The following graph shows the quarterly averages of the spot prices of the historical series 2012-2022.

Spot price quarterly average values



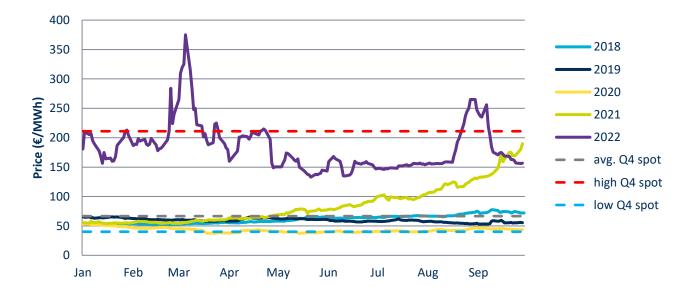
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Evolution of the Quarterly futures

This section shows the evolution of the energy prices of various quarterly contracts traded in OMIP corresponding to the 1st, 2nd, 3rd and 4th Quarter (Q1, Q2, Q3 and Q4 respectively) on a continuous line, and the comparison with the average quarterly values of the spot prices corresponding to each quarter of the year with the average, highest and lowest average yearly spot price of the last 10 years, on a dotted line.

Traded prices for current year (2022) and the following year (2023) are shown below.

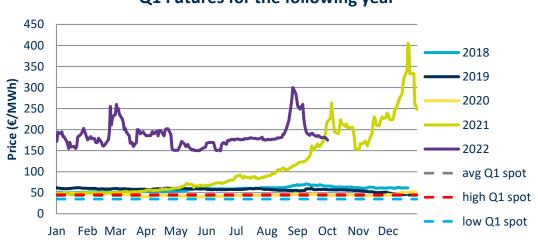
Evolution in negotiations for the current year



Q4 Futures for the current year

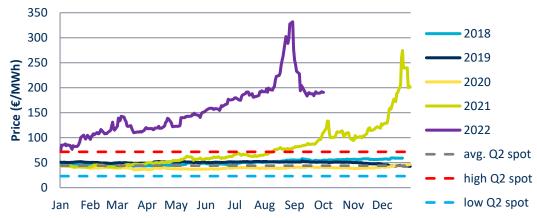
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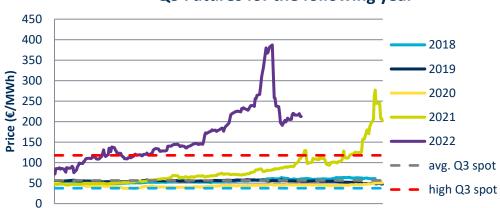
Evolution in negotiations for the following year



Q1 Futures for the following year

Q2 Futures for the following year





Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Q3 Futures for the following year

Q4 Futures for the following year 2018 450 400 2019 350 2020 Price (€/MWh) 300 2021 250 2022 200 avg. Q4 spot 150 100 high Q4 spot 50 low Q4 spot 0 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

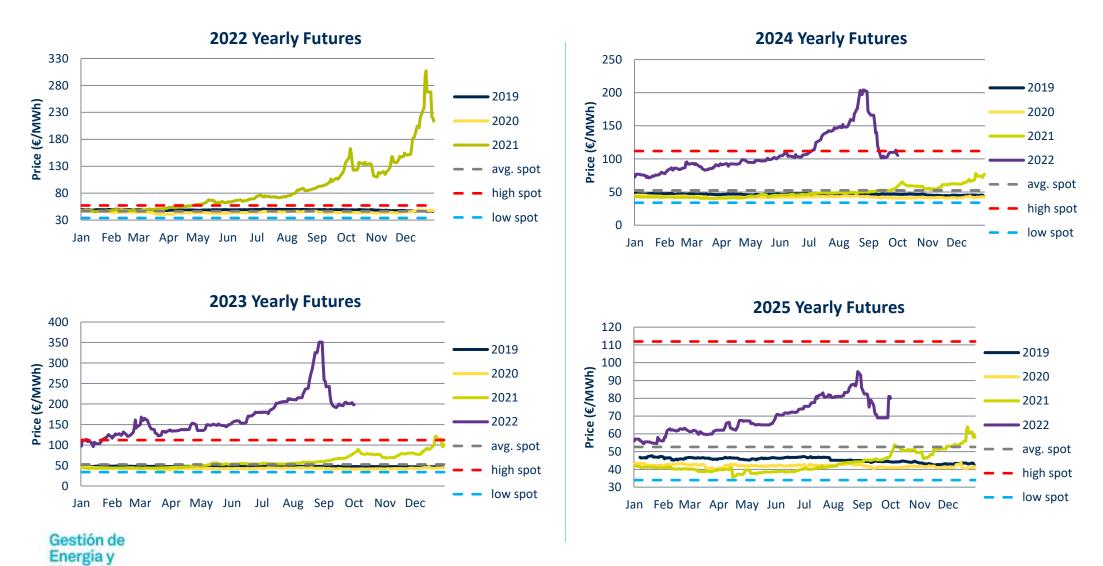
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low Q3 spot

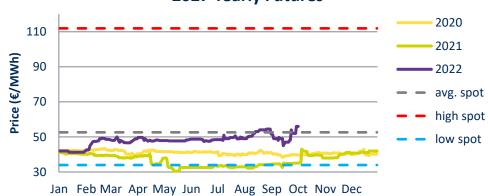
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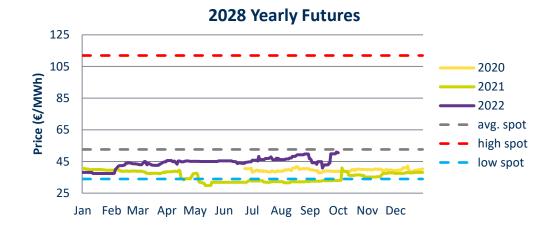
Evolution of the Yearly futures

This section shows, in a continuous line, the evolution of the energy prices of the different yearly contracts negotiated in OMIP for the yearly futures in the period 2022-2029, and the comparison with the average annual values of the spot prices corresponding to each year with the average, highest and the lowest average yearly spot price of the last 10 years, in dotted line.





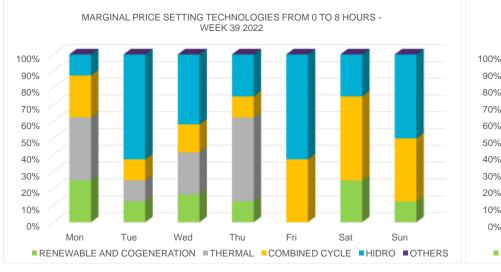


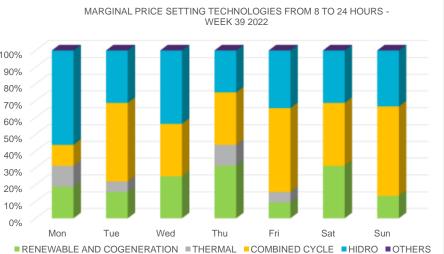


2029 Yearly Futures 125 105 85 65 45 25 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Considerations

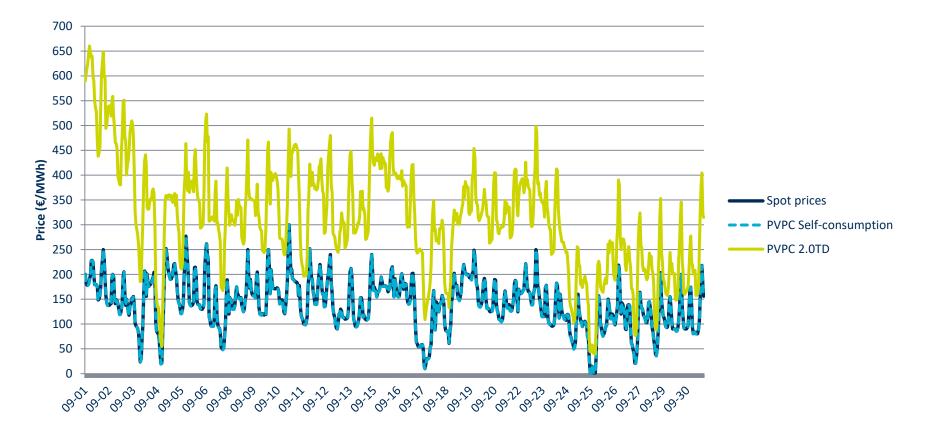
- The Spanish hydraulic reserve is at 32.55% of its capacity, below the average of the last 10 years (50.31%) and 2021 (40.15%).
- The technologies that have set the spot prices during Week 39 have been the following:





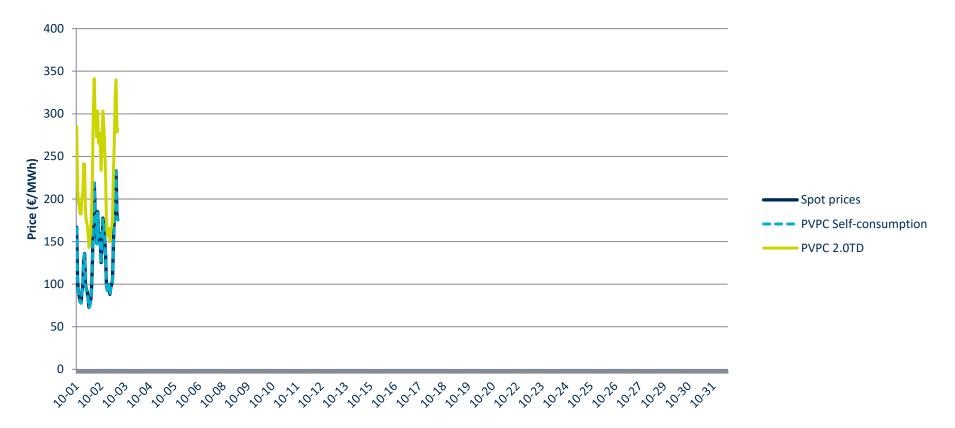
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• The following graph shows the evolution of the prices of Self-consumption surplus energy price for the simplified compensation mechanism and the 2.0TD tariff of active energy invoicing price, and its comparison with the spot prices, throughout September 2022 and the current month.



Spot prices vs. PVPC hourly - September

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Spot prices vs. PVPC hourly - October

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- The cost of emission allowances has been between 64.81 and 69.97 €/t.
- Regarding the balance of international interconnections, it has been as follows:



Sources

- OMIE
- OMIP
- Red Eléctrica de España
- Ministry for Ecological Transition (MITECO)
- Analysis of the Trading Department of GESTIÓN DE ENERGÍA Y MERCADOS, S.L.

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