



Market Update Q3 -2023 and Outlook Q4-2023

Market Update Q3 2023



SIDC Update: Go-live for ETPA

- August 2023: After the first unsuccessful Go-Live in June 2023, ETPA, operating in the Dutch market area, now went successfully into Go-live:
 - More assets will be able to respond to price signals as a ETPA enters the SIDC, increasing flexibility and lowering price volatility. As a result, international market participants will profit from an electricity market that is more liquid and consequently more competitive.



CROPEX & Croatian Power market

- CROPEX: Launch of 15-min Products on Intraday Market, along with an upgraded resolution to support trading of these products on the Croatian-Slovenian and Croatian-Hungarian borders, with planned go-live in January 2024
- Launch of Croatian Power Futures on the European Energy Exchange (EEX)
- The traded volumes at the CROPEX Day Ahead- and Intraday market experience a new record high in the second half of 2023



EPEX SPOT

- September: First full year of monthly auctions for Guarantees of Origins (GOs) at EPEX SPOT GOs marketplace with a total volume traded of 3.2 TWh
- Compared to 2022, the volumes traded inside the Day-Ahead markets grew by 8% and the Intraday markets by 33% during the first 8 months of 2023



HUPX & SEEPEX & OTE

- Direct Clearing Participant model (DCP) is introduced on HUPX spot markets, which is now the second clearing service in addition to the existing Non-Clearing Member model (NCM)
- SEEPEX launches Intraday Market in Serbia
- OTE: Test- and GoLive plan of 15-minute imbalance settlement interval



EU Energy Markets

- The European Energy Market Review of Q1 2023 is here:
 - The European Power Benchmark averaged 122 €/MWh in the first 3 months of 2023 – 40% lower than in the same period twelve months earlier
 - EU electricity consumption in the first quarter in 2023 fell 6% compared with last year's levels
 - The share of electricity generated by fossil fuels fell from 39% to 35%, whereas electricity generated by renewables increased from 36% to 41% compared to Q1 2022
- European Council adopts a new Energy Efficiency Directive to reduce final energy consumption by 11.7% by 2030
- The annually energy savings target will increase from 1.49% in 2024 gradually reaching 1.9% in 2030



Renewables

- Unprecedented growth of 107 GW in 2023 in global renewable power capacity, bringing the global capacity up to 440 GW
- Solar PV capacity, including utility-scale and small distributed systems, is the main driver of this trend, being responsible for two-thirds of the global increase
- Compared to before Russian invasion of Ukraine, the renewable capacity of European countries have increased by 40%. This is driven by the high electricity price that make PV financially more attractive and by increasing policy support in key EU markets
- Thanks to newly installed solar PV and wind capacity, EU electricity consumers are set to save an estimated EUR 100 billion during the 2021-2023 period
- The projected growth of renewable energy such as clean energy, heat pumps, solar thermal and geothermal technologies could displace almost 8 bcm (billion cubic meters) of gas consumption annually in 2023 and 17 bcm in 2024

Market Outlook Q4 2023



Postponed Go-Live and network charge forecast

- The Nordic TSOs, NEMOs and RCC have jointly agreed to temporarily postpone the planned implementation of flow-based capacity calculation in the Nordic Region. A revised timeline for flow-based go-live will be issued in November 2023.
- German TSOs: Amprion, 50Hertz, TenneT and TransnetBW will forecast average network charges in 2024 at 3.19 ct per kWh, a similar level compared to the price of 3.12 ct per kWh in 2023.

Updates Q3 2023

Outlook Q4 2023

