

Press release [Prague, February 26, 2026]

OTE, a.s.

Jihlavská 1558/21, 140 00 Praha 4

Media contact / Zuzana Váchalová, zvachalova@ote-cr.cz

Interest in proving the origin of supplied electricity, gas, and heat grew continuously in 2025

According to statistics from OTE, a.s., the national administrator of the system for Guarantees of Origin, interest in proving the origin of supplied energy increased continuously in 2025. The total volume of cancelled Guarantees of Origin amounted to 8,775,257 MWh of supplied energy (electricity, biomethane and heat), representing a 35% increase compared to 2024. International transfers of Guarantees of Origin also continued to grow, reaching 7,480,401 MWh of incoming transfers and 10,356,881 MWh of outgoing transfers. Incoming transfers increased by 44% and outgoing transfers by 45% year-on-year. Overall, Guarantees of Origin for electricity generated from nuclear energy dominated both issuance and exports.

“OTE has long supported the development of renewable and low-emission energy sources. The Registry of Guarantees of Origin serves this purpose. I am pleased that, thanks to our high-quality services and user-friendly system, activities related to Guarantees of Origin continued to grow. The field of Guarantees of Origin has further development potential: the importance of Guarantees of Origin for electricity generated from nuclear energy has increased, and developments are also taking place in the areas of biomethane and heat. We are preparing to further expand our activities in this area and plan to introduce new products, including the launch of auctions of Guarantees of Origin,” says Michal Puchel, Chairman of the Board of OTE.

Guarantees of Origin serve to certify the origin of energy produced and supplied to final customers. Among other purposes, they can be used to assess and demonstrate the environmental impact of companies and individuals. One Guarantee of Origin represents 1 MWh of energy. Guarantees of Origin may be issued for electricity, biomethane, heat and hydrogen.

In the Czech Republic, Guarantees of Origin are issued and recorded in the Registry of Guarantees of Origin (EZP), which provides market participants with transparent and secure access to the system. The registry is operated by OTE, a.s., the Czech electricity and gas market operator. For certain types of Guarantees of Origin, electronic transfers to and from foreign countries are enabled through OTE's active participation in international cooperation within the Association of Issuing Bodies (AIB), both in the electricity and gas sectors.

The growing interest in the use and trading of individual Guarantees of Origin, based on data recorded in the EZP, is summarised below:

- **Electricity:** Electricity generated from nuclear energy clearly dominated the volume of issued Guarantees of Origin. A total of 10,856,655 Guarantees of Origin were issued for nuclear electricity, representing 84% of the total volume issued. Most of these guarantees were exported, with nuclear energy accounting for 81% of the total exported volume.

For the second consecutive year, a significant decline was recorded in the issuance of Guarantees of Origin for energy generated from renewable sources. In the case of supported renewable sources, the decrease was particularly pronounced, with issuance falling by 83% to 126,652 Guarantees of Origin. This development was

largely influenced by the administrative setting of fixed prices for Guarantees of Origin related to electricity produced by facilities receiving investment or operational support. These prices were set above prevailing market levels, which had a direct impact on supply dynamics and trading activity in the Guarantees of Origin market.

However, the situation differs in the case of Guarantees of Origin cancelled for consumption, where renewable energy sources (RES) clearly dominate, accounting for 88% of the total. Due to insufficient domestic supply, most of the demand for these Guarantees of Origin is covered by imports. Guarantees of Origin for renewable energy represent 95% of the total imported volume. All categories of imported renewable Guarantees of Origin recorded double-digit year-on-year growth, ranging from 21% for wind energy to 76% for hydropower.

- **Biomethane:** Following the issuance of the first Guarantees of Origin for biomethane from production facilities registered in the Czech Republic in 2024, 2025 saw significant growth across all categories. Issuance increased by 194% (a total of 170,668 GOs), cancellations rose by 388% (118,768 GOs), domestic transfers grew by 297% (266,185 GOs), and exports surged by 1,288% (64,406 GOs). In 2025, imports via the AIB Hub were recorded for the first time, amounting to 33,372 GOs.

- **Heat:** All Guarantees of Origin were issued for heat produced from renewable energy sources, with the exception of a single Guarantee of Origin for heat produced from nuclear energy. The number of issued Guarantees of Origin increased by 199% (50,123 GOs). The number of cancellations and domestic transfers also rose slightly, while no international transfers were recorded.

- **Hydrogen:** No transactions involving Guarantees of Origin for hydrogen were recorded in 2025.

Further information on Guarantees of Origin and how they are used can also be found on [the market operator's website](#).

OTE, a.s.

OTE, a.s., holds a license for market operator activities, which includes the electricity and gas market in the Czech Republic. A Nominated Electricity Market Organizer (NEMO) is established by the Energy Regulatory Office, which ensures a unified connection of the day and intraday markets. It acts as the National Administrator of the Permit Trading Register.

As a market operator and nominated organizer of the electricity market, OTE ensures, among other things, the organization of trading on the daily, intraday electricity market and the intraday gas market in the Czech Republic, and in this activity participates in the organization of the unified EU electricity market. It performs accounting and financial settlement of imbalances between the contractual and actual values of electricity and gas supplies and withdrawals and ensures the administrative change of the supplier of both commodities. It also provides the participants of the electricity and gas market in the Czech Republic with continuous processing and exchange of data and documents for their activities on the electricity market and the gas market, and reports business data from short-term OTE markets to the database of the Agency for the Cooperation of Energy Authorities (ACER).

In the name of the Czech Republic and on its account, it supplies settlement entities or takes gas from them when receiving or providing international aid in the gas industry. It administers and pays out compensation payments according to the Act on Measures for the Czech Republic's Transition to Low-Carbon Energy.

It is responsible for the administration of the system for the payment of support for supported energy sources. It issues and registers guarantees of the origin of energy and keeps records of the implementation of the use of renewable resources in transport. It ensures many other activities contributing to the development of the energy sector in the Czech Republic and Europe.

More information can be found at www.ote-cr.cz.