

The Market Observatory for Energy



Directorate-General
for Energy
and Transport



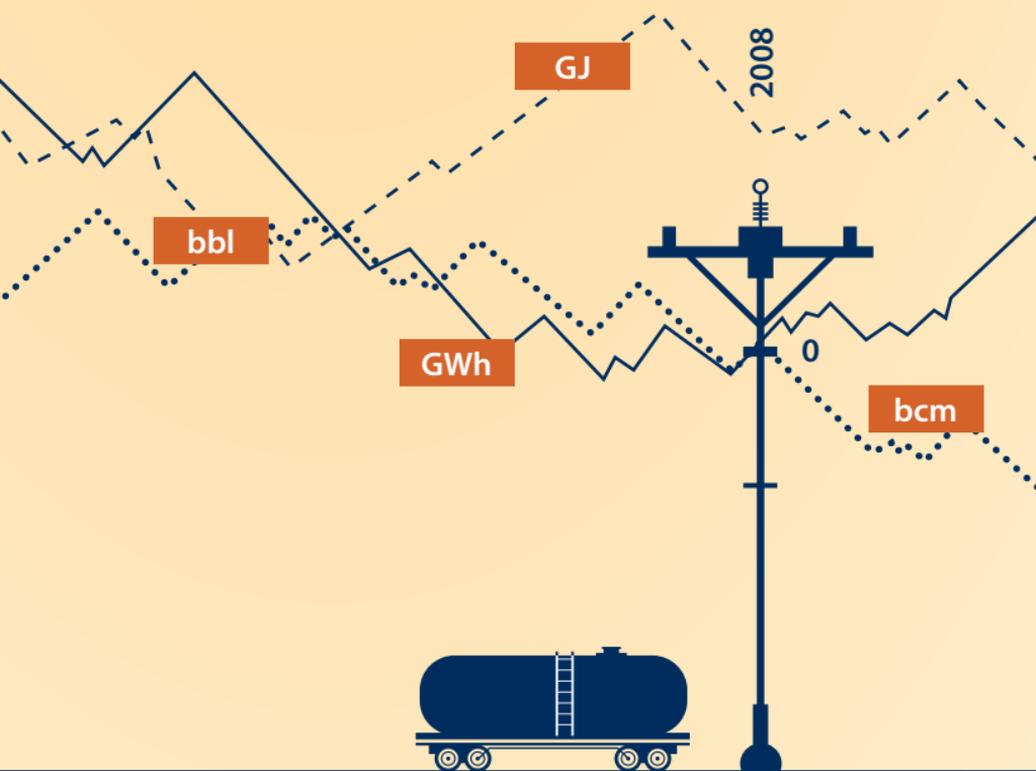
● WATCHING CLOSER,
SEEING CLEARER,
LOOKING FURTHER

A VARIETY OF ENERGY MARKETS

Energy markets are **key markets** for the European Union's economy and the well-being of EU citizens. Our economy and way of life are dependent on availability of electricity, heating and transport fuels. At the same time, greenhouse gas emissions from oil, coal and natural gas all contribute to climate change.

Energy markets encompass **fuel** (e.g. coal, oil and gas), **electricity** and **heat** markets. Developments in markets for carbon or renewable energies such as wind and biomass will increasingly influence energy supply.

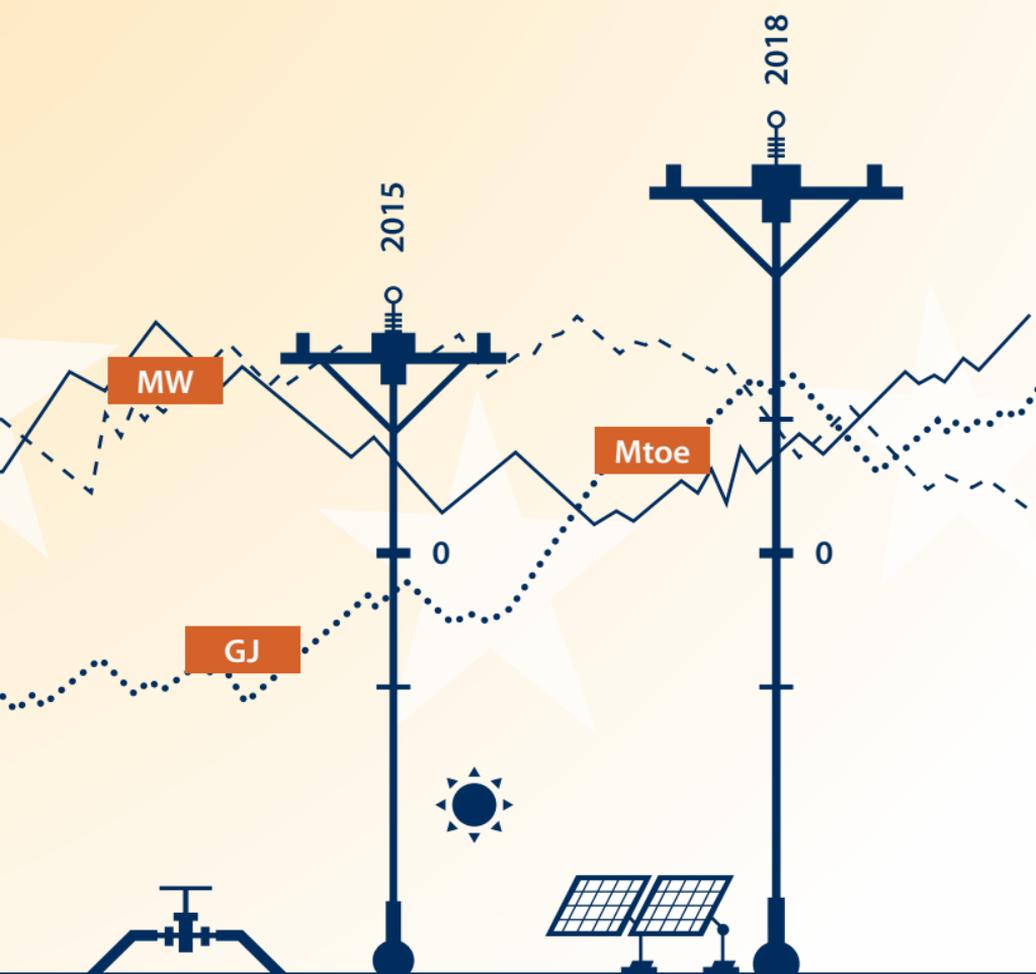
Energy markets are **specific** to the particular energy. In some markets, network economies prevail, others are commodity markets. Some are mature and others are emerging. However, all energy markets are **evolving** dynamically.



THE EUROPEAN COMMISSION'S MARKET OBSERVATORY FOR ENERGY

Energy policy is a **priority** for Europe, where the **energy situation** is **changing rapidly**. The EU is developing a policy in pursuit of the trio of objectives of competitiveness, sustainability and security of supply. At the same time, demand is growing and patterns of demand are evolving. Market players are redefining their strategies. Concerns about energy security and climate change have moved to the forefront of policy making.

In this new landscape, **information and analysis** have become **essential** in the development of policies and the monitoring of their implementation. This is the mission of the observatory: we pool information, analyse energy issues and help policy makers evaluate, propose or adjust policies in the light of market developments.

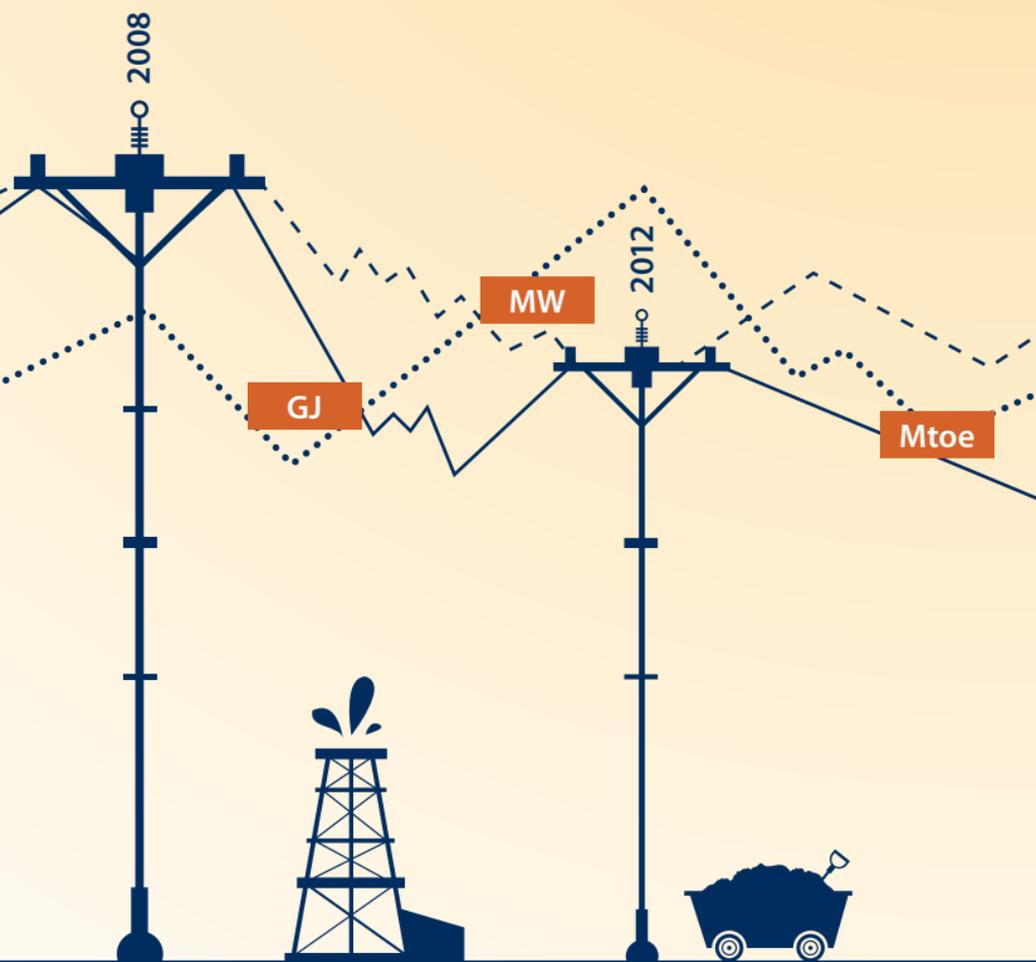


WATCHING CLOSER

Understanding energy markets and their evolution is an essential requirement for policy makers. This is all the more necessary at a time when the energy landscape is undergoing rapid transformations in fuel and electricity prices, European legislation and regulation, and geopolitical developments.

The observatory watches closely issues such as **demand and supply** developments, **import, export and trade volumes**, and **prices** on **physical and financial markets**. The observatory also monitors cross-cutting issues such as **capacity and infrastructure** development, in cooperation with Member States and the industry.

This overall monitoring is of vital importance for the secure supply of energy throughout the EU and for the design of EU energy policy.

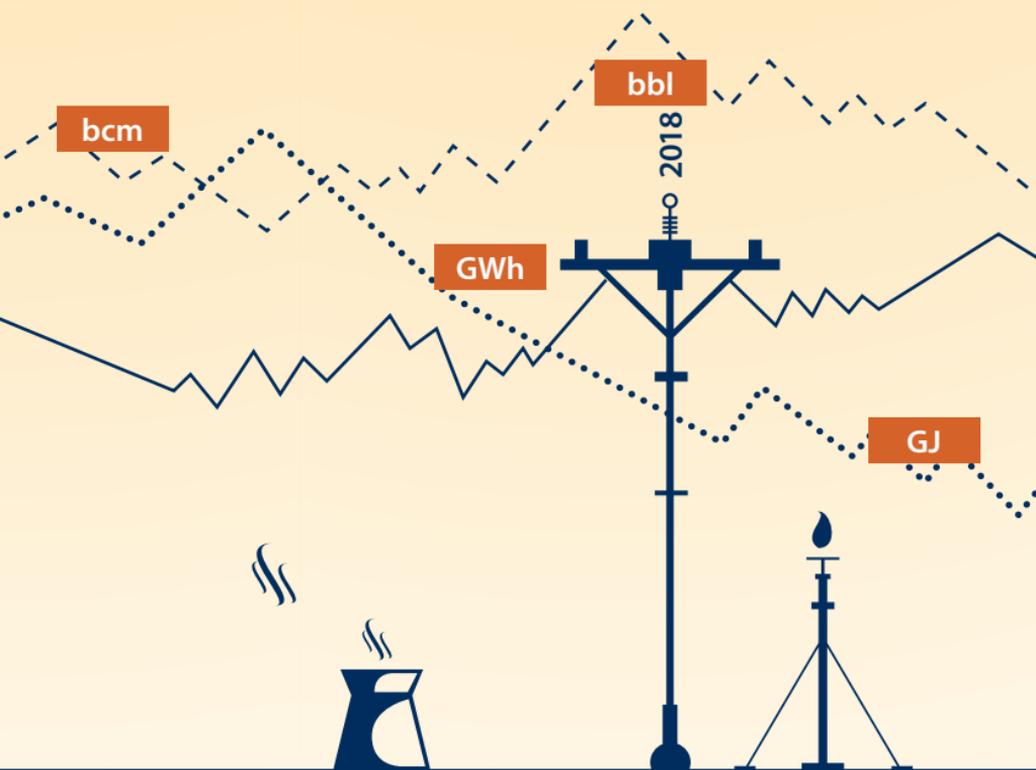


SEEING CLEARER

The observatory **supports the policy agenda** of the European Union and **analyses** developments on energy markets with a view to decisions to be taken.

Such analysis is necessary to have a clearer view of energy markets and is particularly important in times of tight supply and high energy prices. It is carried out in **close cooperation** with institutional and international partners, Member States, market players, academia and other stakeholders.

Transparency is also crucial for energy actors who need a clear picture of market trends in order to take decisions. The observatory contributes to this with **regular publications**. These include **price** reports for crude oil and petroleum products, gas and/or electricity and information on emergency oil **stocks** held by Member States.



LOOKING FURTHER

The European Union has embarked on a transition towards a low carbon, energy efficient economy and aims at competitive energy markets. The observatory **fosters evidence – based energy policies** to encourage this transition. Analyses of energy markets are developed with a view to **proposing** new elements or to **adjusting** the existing policy framework.

The observatory also helps the Commission to **anticipate problems** and put forward possible solutions, by a close monitoring of energy market and infrastructure developments.

With a closer and clearer view of the energy situation, the observatory contributes to assessments of the impact of EU energy policy and its evolution.



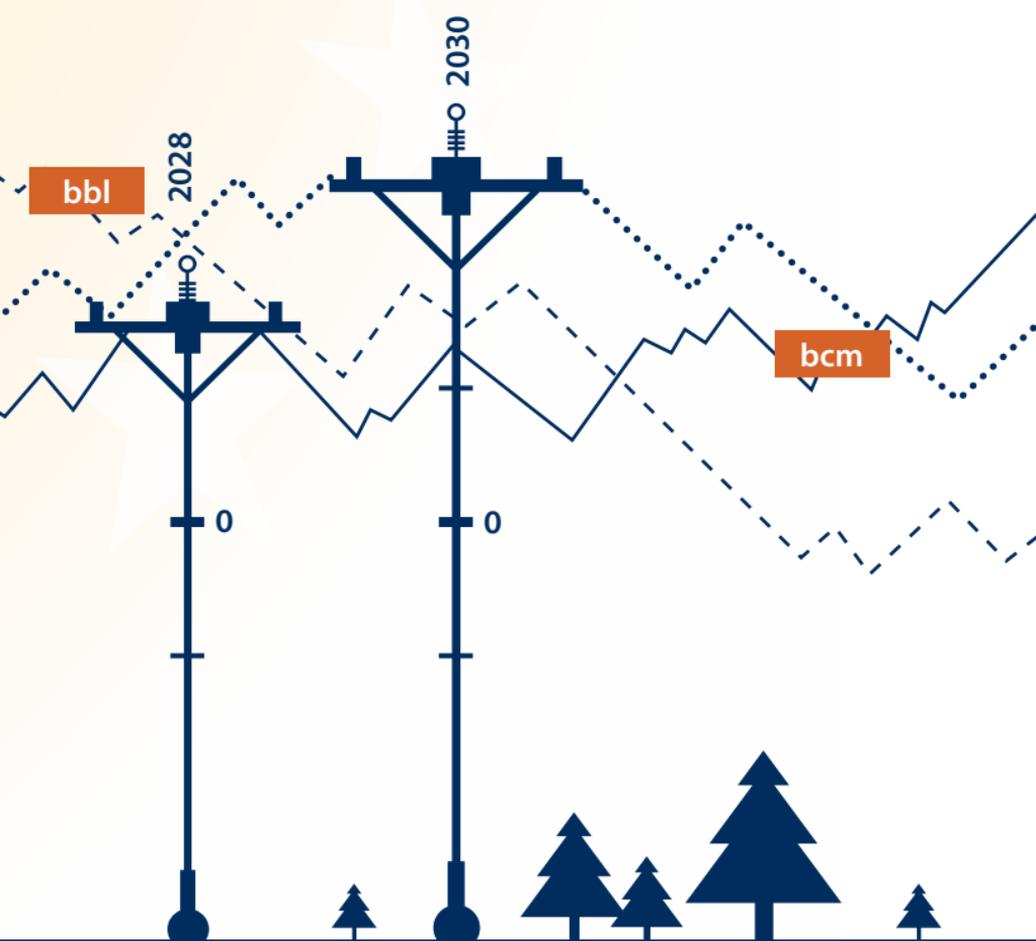
EMOS

The observatory develops and operates the **Energy Markets Observation System** (EMOS).

EMOS is a **comprehensive database** with tools for data management, auto-uploading, reporting and graphical representation.

EMOS contains information from a variety of different data providers. It covers various fuel types such as gas, electricity, oil and petroleum products, and various geographic regions. It also contains information on the energy infrastructure in the European Union, the neighbouring countries and in Europe's major supply regions.

EMOS is a **strategic tool** for the observatory's analytical work and for policy making.





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