

CONNECTION TO THE EUROPEAN ELECTRICITY GRID (SYNCHRONISATION)

What do I need to know and how to prepare?



Scheduled connection time: February 8-9, 2025

- In November 2024, the Baltic operators received a positive assessment from their European partners on the readiness of their systems for synchronisation with the European electrical grid.
- Switching from one synchronous network to another is a significant event and must be treated responsibly. The technical part of switching grids is carried out by the Baltic system operators. They perform previous agreed upon actions step by step:



Coordinated, gradual disconnection from the Russian and Belarusian systems (BRELL network)



Operation in an "island mode" – the Baltic States as a single synchronous network



Connection to the European synchronous grid via the Lithuania - Poland interconnection

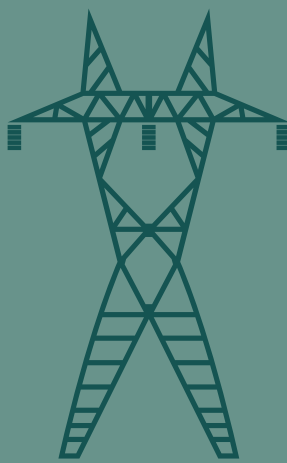
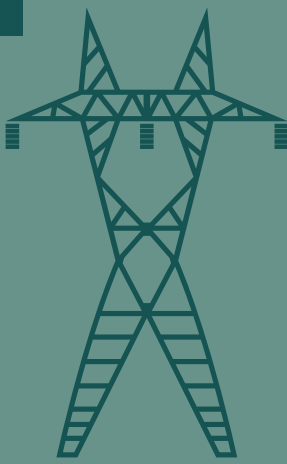
Why this time period? February is a suitable time for switching, the region has higher electricity production (due to the heat load, thermal power plants operate, and repairs are not carried out in winter), and there is also a lower probability of particularly unfavorable weather conditions. The existing BRELL agreement expires on February 7.

What is synchronisation?

Synchronous operation of electric systems – electric systems that are interconnected by alternating current links and operate at the same frequency. It is like a single **organism**.



The project was launched in 2009, initially planning synchronisation in early 2026. After assessing all the risks, the Baltic states, Poland and the European Commission agreed to join already in February 2025.



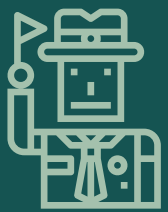
The goal of synchronisation is to **increase the reliability of the Baltic power systems** in order to be able to operate effectively both as part of a large power system and independently. As a result, Latvia can maintain and control the network, ensure stability, and is not dependent on Russia and Belarus. **Significant infrastructure improvements have been made:** strengthening the overall resilience of power lines and the system, attracting 85% of European co-financing.



The Baltic States have not purchased electricity from Russia and Belarus since 2022. Synchronisation has **no direct impact on security of supply, and the impact on market prices is minimal.**

Do I need to prepare for synchronisation?

Synchronisation is a significant event that requires careful, systematic preparation at several levels – readiness of physical infrastructure, development of transmission operators' IT systems, regional cooperation and coordinated actions of the parties involved at the national level. **No power outage is expected in order to connect to the European electricity grid. At the same time, temporary technical incidents cannot be ruled out. Synchronization is related to a technically complex process. We urge people to prepare in the same way as we do if adverse weather conditions are forecast.**



Be prepared! Charge your mobile phone, computer and other devices and unplug devices that you are not using on a daily basis. You can find advice on what to do in the event of a temporary power outage on the [VUGD website](#) (in Latvian). **Download the "112 Latvija" application** on your mobile phone to receive timely notifications about the appropriate action in various situations.



Help yourself and others! If you have a home that is only used periodically (for example, a summer house), make sure it is properly prepared. If you suspect that a power outage has happened, remember to check the property to prevent the risk of bursting water pipes in the event of low outside temperatures. Help relatives who find it difficult to inspect and prepare their properties themselves.



Critically evaluate loud and emotionally charged announcements! As February 8-9 approaches and during synchronization, disinformation, misleading facts, and various manipulations spread by ill-wishers may appear in the public information space. Use reliable sources of information: [The Ministry of Climate and Energy](#) and [AS "Augstsprieguma tīkls"](#) websites.