

Electricity safety luxembourg city

In the electricity sector, proper maintenance and development of the electricity market in Luxembourg and beyond will therefore be ensured. Because of its size and characteristics, interconnections with neighbouring countries are essential and will continue to be supported by a joint commitment at European and regional level. In fact, the interconnected electricity transmission network allows for the maintenance and even increase of the country's security of supply and guarantees optimal integration into the European energy market.

With the new smart meters, self-consumption and the creation of energy communities will be important elements in the energy transition, as well as the participation in flexibility or energy efficiency programmes or the use of dynamically priced electricity contracts.

In addition to the public charging infrastructure, it is also important that users of electric vehicles can benefit from a reliable and technically safe charging infrastructure at home. The Grand Ducal Regulation of 19 August 2020 on the introduction of a financial aid for the installation of private charging points for electric vehicles provides financial support to private individuals in their efforts to install a suitable charging facility.

Recharging solutions at work as well as the infrastructure dedicated to the recharging of company fleets complete the ecosystem necessary to achieve the objectives concerning electromobility in Luxembourg.

In the field of petroleum products, a detailed analysis and evaluation of storage capacity needs on the national territory will be undertaken, while taking into account the national objectives for 2030 and the long-term perspective for 2050 retained in the PNEC. In this context, storage capacity developments at European level for 2030 and 2050 will also be analysed, with particular attention to capacity development in neighbouring countries.

This analysis should provide guidance for optimising the security of supply of petroleum products while taking into account the need to decarbonise the transport and heating sectors by 2050.

At a press conference on 9 December 2022, the Minister for Energy Claude Turmes gave an overview of the current situation regarding the security of electricity supply. On this occasion, he presented the updated risk preparedness plan for the electricity sector and a new tool to monitor the national level of electricity supply in Luxembourg, the "StroumMonitor".

The Minister for Energy, Claude Turmes, explains: "Currently, the risk of power outages is no higher than in previous years. In order to ensure real-time information on the supply situation, we have set up a new tool, the "StroumMonitor", together with Creos. We remain vigilant and prepared: Should the situation worsen, we have all the necessary crisis tools at our disposal."

According to the winter outlook report of the European Network of Transmission System Operators for Electricity (ENTSO-E), Luxembourg is one of the Central European countries where the analysis leads to the conclusion that the risk of shortages is currently no higher than historically.

In order to take into account the new geopolitical situation and the energy crisis which also affects the electricity sector, an update of Luxembourg's risk preparedness plan has been prepared by the Ministry of Energy and Spatial Planning, in close cooperation with the Energy Taskforce established by the Government Council, the High Commission for National Protection (HCPN), the grid operator Creos and the FEDIL

The plan has been supplemented with various preventive measures, to deal with an anticipated electricity shortage, and with an improved description of the related measures.

The "StroumMonitor" tool (available at) has been set up to indicate peak consumption times and to alert the population in the event of a power shortage in an efficient and comprehensible manner.

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