

LUXEMBOURG AND RUSSIA ENERGY STORAGE POLICIES



Can Europe reduce reliance on Russian gas? We also consider possibilities for Europe to go even further and faster to limit near-term reliance on Russian gas, although these would mean a slower near-term pace of EU emissions reductions. If Europe were to take these additional steps, then near-term Russian gas imports could be reduced by more than 80 bcm, or well over half.



Could a 10-point plan reduce Russian gas imports? A suite of measures in our 10-Point Plan, spanning gas supplies, the electricity system and end-use sectors¹, could result in the EU's annual call on Russian gas imports falling by more than 50 bcm within one year – a reduction of over one-third.



How can we reduce reliance on Russian gas? This IEA analysis proposes a series of immediate actions that could be taken to reduce reliance on Russian gas, while enhancing the near-term resilience of the EU gas network and minimising the hardships for vulnerable consumers.



Does the EU impose sanctions on Russian gas? The EU has not imposed meaningful sanctions on Russian gas⁶. However, Russia has cut gas supplies to the EU, arguably at a heavy cost to its own long-term interests. In summer 2021, before the invasion, Gazprom already cut supplies to European buyers and left gas-storage facilities that it operated in the EU empty in autumn 2021.



How much energy does the EU import from Russia? The drop in EU energy imports from Russia (excluding uranium products), from about 14,000,000 terajoules to 2,000,000 per year, represents a drop from 26 percent of the EU's primary energy consumption in 2021 to 4 percent in 2023. Table 1: EU-Russia energy trade, 2021 vs 2023

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Why should the EU reduce its dependence on Russian fuel? It is important for the EU to reduce its dependence on Russian fuel, both because nuclear fuel is a highly strategic commodity, and because Rosatom is a state-owned entity dealing in a commodity that can be weaponised, similarly to what Gazprom did with natural gas.



Energy storage is of particular interest to large energy-intensive businesses, especially those who need to ensure electricity reliability and availability. For corporations operating in markets with ???



State of Energy Policy 2024 is a first-of-its-kind publication from the IEA, which explores how the global energy policy landscape has evolved over the past year ??? specifically, between June 2023 and September 2024. With ???



Those include electricity storage's role in the context of the national Renewable Energy Sources Act (EEG), acceleration of network connections, promoting the production of battery cells and system ???



This plan has 5 dimensions in which Luxembourg can act: renewable energies; energy efficiency; energy security; internal energy market; research, innovation and competitiveness. In order to ???

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In order to encourage them to strengthen these energy saving efforts, the Ministry of Home Affairs, together with the Ministry of Energy and Spatial Planning, is sending a circular note to ???



Two years on from Russia's invasion of Ukraine, trade in energy products between Russia and the European Union has largely disappeared. The EU has adapted remarkably well to a decoupling that many would have ???



Storage . Belgium's pumped hydro storage (1.31 GW in 2020) plays an important role in system balancing. Belgium has limited battery storage capacity. There are no official consolidated data on battery storage, as this is ???



AST did not describe them as "grid booster" or storage-as-a-transmission-asset projects, which have been seen in nearby Lithuania and Germany. Lithuania's TSO Litgrid discussed its 200MW project, deployed by ???

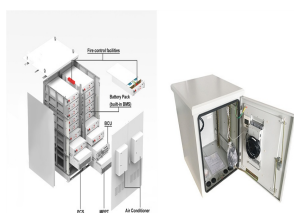


In response to the climate and energy crises, Luxembourg has continued to work on the implementation of a more sustainable climate and energy policy. In light of this, Luxembourg's integrated national energy and ???

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EU-Russia energy trade has fallen hugely since Russia's invasion of Ukraine, but the EU could still do more to reduce dependence Euratom (2022) Euratom Supply Agency Annual Report 2022, Luxembourg: ???



The European Union is planning to outline steps to phase out Russian fossil fuels in early May, seeking to reconcile its political objective of reducing import dependence on Moscow and the need to lower energy costs ???



The Federal Ministry for Economic Affairs and Energy, responsible for energy policy in Germany on the federal level, supports the development of electricity storage facilities. Under the Energy Storage Funding Initiative ???



1. Introduction: European energy and climate policy and the green transition This book offers an analysis of European energy policy during the last decade, from the early 2010s to 2022, ???