

Economic Commission for Europe

Committee on Sustainable Energy

Thirty-first session

Geneva, 21-23 September 2022

Item 2 of the provisional agenda

High-level segment: Building a resilient energy system in the UNECE region: More secure, affordable, secure

INFORMATION NOTE

Proposed Definition of a Resilient Energy System

What is a resilient energy system?

A resilient energy system is one where:

- Energy makes an optimal contribution to a country's **social, economic, and environmental** development.
- **Energy security** strengthens energy independence through interconnectivity and trade.
- **Affordability** reduces the costs of electricity, heating, cooling, and transport.
- **Environmental sustainability** lowers the carbon footprint and enhances efficiency across the energy supply chain.

Source: Building Resilient Energy Systems: Technical Considerations and Actions for Achieving Greater Energy Security, Affordability and Net-zero in the ECE Region, Note by the Bureaux of the Groups of Experts on: Cleaner Electricity Systems, Coal Mine Methane and Just Transition, Energy Efficiency, Gas, Renewable Energy, and Resource Management, [CSE-31/2022/INF.2](#)
