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Purpose: The article describes the primary renewable energy sources and their geographical use, which is dictated by energy policy. Design/Methodology/Approach: The research strategy combines qualitative and quantitative methods to analyse Ukraine's renewable energy sector during wartime disruptions and post war recovery. A combination of theoretical and empirical methods, such as analysis, synthesis, theoretical modelling, and generalising materials from the scientific literature, must be used to solve the task set. The article analysed 38 sources published between 2012 and 2024, which were searched in 16 databases and search engines: CINAHL, ClinicalTrials.gov, Cochrane Library, EbscoHost, Embase, ERIC, Google Scholar, LILACS, ProQuest, PsycINFO, PubMed, ScienceDirect, Scopus, SportDiscus, TRID and Web of Science.

Finding: The main challenges for developing the energy sector in Ukraine include growing demand for energy resources against the backdrop of declining reserves of traditional energy resources, rising prices, and growing dependence on energy imports. Research Limitation: A major limitation is the focus on

Ukraine's unique geopolitical and economic context, so the results cannot be directly generalised to countries without similar circumstances, such as ongoing conflicts or dependence on external energy resources. Practical Implication: This study allowed us to identify the main factors influencing the solution of energy supply and energy consumption problems as conditions for sustainable and proportional development of regional economies. Social Implication: The study offers relevant solutions to meet society's needs, including recommendations on energy security, job creation, and environmental preservation. This would improve citizens' quality of life and ensure long-term energy stability. Originality/

Value: The study is novel because it contributes to the field of renewable energy. It addresses the intersection of energy security and economic efficiency in times of crisis. It offers a new framework for sustainable energy policy in the regions of Ukraine during the war. Keywords: energy policy. gas market. geographical dimension. renewable energy. threats