

Energy security as a system-forming factor in the development of the national economy of Tajikistan

Azizullo H. Avezov, Dr. of Sci. (Econ.), Professor
e-mail: azizullo@businessconsulting.tj

Asror A. Urunov, Dr. of Sci. (Econ.), Professor
e-mail: urunov@rambler.ru

Zafar K. Zoidov, Research associate
e-mail: zafar2608@mail.ru

Abstract

The article examines the essence of energy security as a system-forming factor in the development of the national economy of Tajikistan. It is noted that this process is conditioned by the development of evolutionary processes both in the fuel and energy complex system itself, and changes in internal and external environmental factors. Methodological approaches to the analysis of energy security are considered, the analysis of the situation in the fuel and energy complex and strategic development guidelines for Tajikistan are defined. The process of forming a system of indicators and methods for assessing the level of energy security is studied. Threats are identified and recommendations are proposed to improve the level of energy security in Tajikistan. The authors propose a conceptual model for organizing a system for detecting threats to energy security. It is a comparison of the current indicators of the energy system with the normalized ones, the imbalance of which helps to identify and analyze areas for surgical interventions in order to eliminate the causes that lead to a violation of energy security.

Keywords: *energy security, system-forming factor, development of the national economy, fuel and energy complex, threats to energy security, assessment of the level of energy security*

References

1. Avezov A.Kh., Urunov A.A., Rahimi Sh. Strategic industrial management of the Republic of Tatarstan. Scientific notes. Khujand state University named after academician B. Gafurov. – 2017. – No. 2 (41). – Pp. 159-162. (In Russian).
2. Avezov A.Kh., Rasulova Kh.A. The mechanism of modernization of the regional economy branch structure in the context of sustainable development. *Ars Administrandi (the Art of management)*. – 2019. – Vol. 11. – No. 3. – Pp. 488-507. DOI: 10.17072 / 2218-9173-2019-3-488-507. (In Russian).
3. Aminjanov R.M. Energy security of the Republic of Tajikistan and organizational and economic bases of its provision. Auto-Ref. Diss. Cand. Econ. sciences'. – Dushanbe. – 2004. (In Russian).
4. Akhrorova A.D., Aminjanov R.M., Doronkin K.A. Energy of Tajikistan: current trends and prospects for sustainable development. – Dushanbe: RIA «Status» LLC, 2005. – 240 p. (In Russian).
5. Akhrorova A.D., Halimdzhanova M.K., Khollov H.H. Energy security of decentralized energy supply zones of the Republic of Tajikistan // *Bulletin of the Tajik technical University. Akad. M.S. Osimi*. – 2013. – No. 2 (22). (In Russian).
6. Blinichkina N.Yu. Classification of threats in the framework of the strategy of economic security of Tajikistan // *World of Economics and management*. – 2016. – Vol. 16. – No. 2. – Pp. 123-131. (In Russian).
7. Bobiev I.A. Priority direction for improving energy security and sustainable development of the fuel and energy complex of the Republic of Tajikistan // Auto-Ref. Diss. cand. econ. sciences'. – Tajikistan. Dushanbe, 2012. (In Russian).
8. Bortalevich S.I. Improving energy security management in the Republic of Buryatia // *Rus-*

sian entrepreneurship. – 2012. – No. 19 (217). – Pp. 152-156. (In Russian).

9. Bushuev V.V. Energy character of sustainable development: ideology, methodology, technology // Energy policy. – 2012. – No. 2. – Pp. 16-20. (In Russian).

10. Glushkova I.V. The essence and content of the concept of «energy security» // Actual problems of humanities and natural sciences. – Moscow. Two thousand fifteen. [Electronic resource]. – URL: <http://cyberleninka.ru/article/N/essence-and-content-energy-security> (Access date: 11.09.2019, In Russian).

11. Zorina T.G. Sustainable energy development: the essence and methodological approaches to the assessment of // Modern management technologies. – 2015. – No. 1 (49). (In Russian).

12. Zykov K.S. Energy security as a component of Russia's economic development // Economic and energy security of Russian regions. – Perm, 2003. Energy: history, present and future. [Electronic resource]. – URL: <http://energetika.in.ua> (Access date: 09.09.2019, In Russian).

13. Kayumov N.K. Energy security of Tajikistan in the context of new challenges and threats // Energy law. – 2009. – No. 2. [Electronic resource]. – URL: <http://center-bereg.ru/m2199.html>. (In Russian).

14. Kiushkina V.R. Model for assessing the energy security of autonomous power supply systems in the northern territories // Internet-journal «science of Science». – 2016. – Vol. 8. – No. 6. (In Russian).

15. Ksenofontov M.Yu. Energy complex in the socio-economic forecast. Materials open seminar «Economic problems of energy complex». – M.: Institute for economic forecasting, 2002. – Pp. 28-29. (In Russian).

16. Lyasnikov N.V., Usmanov D.I., Magaramov M.Sh., Omarova Z.K. Features of the development of transitive economies in the era of digitalization (on the example of the EAEU and BRICS member States) // Market economy problems. – 2019. – No. 1. – Pp. 93-100. (In Russian).

17. Makushchenko L.V. et al. Spatial potential in the strategy of socio-economic development of Russia. – Moscow, 2011. – 385 p. (In Russian).

18. Prigozhin I.R. Philosophy of instability // Question of philosophy. – 1991. – No. 6. – Pp. 46-52. (In Russian).

19. Rastvortseva S.N., Usmanov D.I. Analysis of the degree of Russia's involvement in globalization processes (part 1) / S.N. Rastvortseva, D.I. Usmanov // Bulletin of BSTU named after V.G. Shukhov. – 2016. – No. 11. – Pp. 242-247. (In Russian).

20. Rastvortseva S.N., Usmanov D.I. Analysis of the degree of Russia's involvement in globalization processes (part 2) / S.N. Rastvortseva, D.I. Usmanov // Bulletin of BSTU named after V.G. Shukhov. – 2016. – No. 12. – Pp. 256-262. (In Russian).

21. Rysin V.I. Energy security of the region as a system-forming factor of economic security. // Vestnik IGEU. – 2005. – Issue 2. (In Russian).

22. Senderov S.M., Smirnova E.M. Methods of assessment and analysis of the level of energy security // Energy Academy. – 2009. – No. 6 (32). – Pp. 30-40. (In Russian).

23. Tatarkin A.I., Kuklin A.A., Bogatyrev L.L., Myzin A.L. et al. Complex method of diagnostics of energy security of territorial formations of the Russian Federation. – Moscow, Yekaterinburg: Uro RAS, 1998. – 120 p. (In Russian).

24. Fakerov H.N. Tajikistan. Rapid assessment and gap analysis. Ministry of economic development and trade of the Republic of Tatarstan. Interdepartmental working group under the leadership of first Deputy Minister Fakerov H.N. – Dushanbe, 2013. – 35 p. (In Russian).

25. Khonaliev N.H. Energy resources and energy security of the Republic of Tajikistan // Problems and prospects of Economics and management proceedings of the Second International scientific conference, 2013. – Pp. 33-37. (In Russian).

26. Energy: history, present and future. [Electronic resource]. – URL: <http://energetika.in.ua> (Access date: 09.09.2019, In Russian).

27. Urunov A.A., Kosimova M.H. Features and factors affecting the effectiveness of advertising activities and rating of TV companies in the Sughd region of the Republic of Tajikistan // Management. – 2020. – Vol. 8. – No. 1. – Pp. 124-133. (In Russian).

28. Usmanov D.I. Assessment of the impact of globalization factors on the economic inequality of Russian regions: Diss. Cand. Econ. Sciences: 08.00.05 / Usmanov Daler Irmatovich. – Belgorod, 2015. – 214 p. (In Russian).

29. Fedorova I.Yu., Urunov A.A., Rodina I.B., Ostapenko V.A. Financing and quality of housing construction: introduction of information systems as a regulatory tool *Revista Inclusiones*. – 2020. – Vol. 7. – No. S 2-1. – Pp. 328-339. (In English).

About the author

Azizullo H. Avezov, Doctor of Sci. (Econ.), Professor, Polytechnic Institute of the Tajik technical University. Akad. M.S. Osimi

Asror A. Urunov, Doctor of Sci. (Econ.), Professor, Professor of the Department of economic policy and economic measurements, State University of Management, Moscow

Zafar K. Zoidov, Research associate, Market Economy Institute of RAS, Moscow.

For citation

Avezov A.H., Urunov A.A., Zoidov Z.K. Energy security as a system-forming factor in the development of the national economy of Tajikistan // *Market economy problems*. – 2020. – No. 3. – Pp. 72-83. (In Russian).

DOI: <https://doi.org/10.33051/2500-2325-2020-3-72-83>