

**Сравнительный анализ схем энергоустановок, использующих углерод в качестве топлива электрохимических генераторов**

- [1] Pillari K K. Pressurized fluidized-bed combustion // Electricity, Efficient End-use and New Generation Technologies and Their Planning Implications / Ed. by T B Johansson, B Bodlung, R H Williams. — Lund : Lund University Press, 1989.
- [2] Ingesson L O. — Venice, Italy : Conference on Clean Coal Technologies, 1991. — P. 60–71.
- [3] P200 — an 80 MWe PFBC Power Plant : Technical Information / ASEA Brown Boveri ; Executor: B Fralund : 1992.
- [4] G S Aslanian, U Farinelli, P P Ivanov, S A Medin // Perspectives in Energy. — 1998. — Vol. 4. — P. 241–254.
- [5] A E Sheindlin, S A Medin, P P Ivanov, A A Beloglazov // Perspectives in Energy. — 2006. — Vol. 10. — P. 59–65.
- [6] Verma A, Rao A D, Samuelsen G S // Journal of Power Sources. — 2006. — Vol. 158. — P. 417–427.
- [7] Seitarides T, Athanasiou C, Zabaniotou A // Renewable and Sustainable Energy Reviews. — 2008. — Vol. 12. — P. 1251–1276.
- [8] SOFC-based hybrid cycle integrated with a coal gasification plant / M C Romano, S Campanari, V Spallina, G Lozza // Proceedings of ASME Turbo Expo 2009: Power for Land, Sea and Air GT2009. — Orlando, Florida, USA, 2009. — No. GT2009-59551.
- [9] Analysis of Integrated Gasification Fuel Cell Plant Configurations : Rep. : DOE/NETL-2011-1482 ; Executor: R Newby, D Keairns : 2011.
- [10] SOFC power generation system by bio-gasification / T Dey, D Singdeo, A Pophale et al. // Energy Procedia. — 2014. — Vol. 54. — P. 748–755.
- [11] Chen S, Lior N, Xiang W // Applied Energy. — 2015. — Vol. 146. — P. 298–312.
- [12] Analysis of an integrated agro-waste gasification and 120 kW SOFC CHP system: modeling and experimental investigation / A Galvagno, M Prestipino, G Zafarana, V Chiodo // Energy Procedia. — 2016. — Vol. 101. — P. 528–535.
- [13] Dubinin A M, Shcheklein S E // I J of hydrogen energy. — 2017. — Vol. 42. — P. 26048–26058.
- [14] N Muradov, P Choi, F Smith, G Bokerman // J. Power Sources. — 2010. — Vol. 195. — P. 1112–1121.
- [15] Q Liu, Y Tian, H Li et al. // J. Power Sources. — 2010. — Vol. 195. — P. 6539–6548.
- [16] Q Liu, Y Tian, H Li et al. // J. Power Sources. — 2010. — Vol. 195. — P. 6532–6538.
- [17] Hemmes K, Houwing M, Woudstra N // Journal of Fuel Cell Science and Technology. — 2010. — Vol. 7. — P. 061008–1.
- [18] K Pointon, B Lakeman, J Irvine et al. // J. Power Sources. — 2006. — Vol. 162. — P. 750.
- [19] Nabae Y, Pointon K D, Irvine J T S // Energy Environ.Sci. — 2008. — Vol. 1. — P. 148–155.
- [20] C Jiang, J Ma, A D Bonaccorso, J T S Irvine // Energy Environ.Sci. — 2012. — Vol. 5. — P. 6973–6980.
- [21] Direct coal fuel cells (DCFC). The ultimate approach for a sustainable coal energy generation. : Rep. : BoletínGEC-029-A2.pdf / GEC ; Executor: A Arenillas, J A Menéndez, G E Marnellos et al. : 2013.
- [22] J Y Lee, R H Song, S B Lee et al. // Int. J. of Hydrogen Energy. — 2014. — Vol. 39. — P. 11749–11755.
- [23] Deleebeeck L, Hansen K K // Journal of Fuel Cell Science and Technology. — 2015. — Vol. 12. — P. 064501–3.
- [24] A Fuente-Cuesta, C Jiang, A Arenillas, J T S Irvine // Energy Environ.Sci. — 2016. — Vol. 9. — P. 2868–2880.
- [25] A High-Performing Direct Carbon Fuel Cell with a 3D Architected Anode Operated Below 600 °C / W Wu, Y Zhang, D Ding, T He // Advanced Materials. — 2017. — P. 1704745.
- [26] Лидоренко Н С, Мучник Г Ф. Электрохимические генераторы. — Москва : Энергоиздат, 1982.
- [27] Коровин Н В. Электрохимическая энергетика. — Москва : Энергоатомиздат, 1991.