

C O N T E N T S

K. Jagodzińska, B. Hernik and M. Pronobis: An analysis of coal and coal mine methane co-combustion in an 140 t/h pulverized coal boiler	3
W. Kordylewski, J. Michalski, M. Ociepa and M. Wnukowski: A microwave plasma potential in producer gas cleaning – preliminary results with a gas derived from a sewage sludge	19
W. Grządzielski, T.M. Mróz and B. Radomski: Optimization of biogas utilization – realization smart community idea	41
A. Sobolewski, M. Szul, T. Iluk, W. Ostrowski and T. Billig: Cleaning of process gas from gasification of solid recovered fluid – results of experimental research	59
M. Sołtysik and K. Mucha-Kuś: Gas trading strategies case studies	71
M. Chaczykowski and A.J. Osiadacz: Power-to-gas technologies in terms of the integration with gas networks	85
K. Metelska, R. Biały, T. Cieślik and A. Szurlej: Comparison of electricity generating from natural gas and from other sources in selected EU member states and in the USA – A review	105
R. Wojtowicz: Co-firing of mixtures agricultural biogas with LNG or LPG as an alternative to injection of biogas to the grid	123
M. Baranowski, H. Pawlak-Kruczek and M. Frydel: Effect of gasifying agents and calcium oxide on gasification of low-rank coal and wastes	141