PGE Energia Ciepła and Polimex Mostostal have signed a contract for the construction of gas boiler house in Rzeszów

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PGE Energia Ciepła, the company belonging to the PGE Group has been consequently implementing activities aimed at changing its assets towards zero and low emission. The company has signed an agreement with Polimex Mostostal for the construction of a new gas-fired boiler house in the Rzeszów CHP plant. The project is expected to be completed in the first quarter of 2023.

The construction of the gas boiler house will be executed on the basis of an agreement, which was signed on the 5th of August 2021 between PGE Energia Ciepła S.A. and a consortium of POLIMEX ENERGETYKA Sp. z o. o. and POLIMEX MOSTOSTAL S.A.

According to the Contract, the Contractor will complete the construction, installation and commissioning of the gas boiler house in the first quarter of 2023. His duties, apart from the preparation of the project and construction of the gas boiler room, will include its start-up, commissioning and warranty service.

Thanks to that, in two years' time the heat produced in Rzeszów will be flowing from the heat and power plant in an ecological way, which will significantly improve the air quality in the city and the health of its inhabitants.

Currently, 80% of the fuel used at the heat and power plant in Rzeszów is natural gas, and 14% is recovered from the processing of municipal waste at the Thermal Processing and Energy Recovery Unit. Only 6% of primary energy is produced

from hard coal. After the commissioning of the gas boiler house, i.e. from 2023, it is planned to completely abandon the use of coal as fuel.

- The construction of a pro-ecological gas unit in Rzeszów is a very important investment which is a part of the PGE Group strategy according to which the use of zero and low-emission sources in the production of heat is planned by 2030. The energy mix of Poland is changing. It is gas sources that are becoming a viable option to replace coal units. The gas-fired boiler house in the Rzeszów CHP plant will guarantee the generation of heat and electricity in an efficient and environmentally friendly manner **- emphasises Przemysław Kołodziejak, President of the Management Board, PGE Energia Ciepła.**

- We are currently facing great investment challenges. The project to build a gas boiler house is very important from the perspective of the development of our CHP plant. The use of modern technology, highly efficient equipment and low-emission fuel in the gas boiler house will allow us to produce heat in a more efficient and environmentally friendly manner. After commissioning this investment, the residents will be supplied with heat generated from low-emission sources **- said Paweł Majewski, director of the PGE Energia Ciepła Heat and Power Plant in Rzeszów.**

- Polimex Mostostal Capital Group has been specializing in the execution of power engineering structures for years. The new heat source which we will build in Rzeszów is yet another power engineering project executed by Polimex for the PGE Group. I am convinced that it will also be our next joint success **- said Krzysztof Figat, President of Polimex Mostostal S.A.**

The gas boiler house will consist of 6 identical boilers of minimum 31 MWt each, which will be equipped with low-emission gas burners. The boilers and associated equipment will be installed in a stationary manner, in a new building of the gas boiler house on the premises of Rzeszów CHP Plant. The total thermal capacity of the gas boiler house will be min. 186 MWt. The gas boiler house will be equipped with devices ensuring high efficiency of fuel energy conversion into heat energy, while maintaining high reliability and availability. The modern boiler house will replace the currently operating four WR - 25 (grate) and two WP - 120 (pulverized coal) boilers.

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