



# TAMEH

Tauron ArcelorMittal Energy Holding

***Modernization of the power plant of TAMEH Polska in Krakow's Nowa Huta district has commenced. The project assumes highly efficient and ecological usage of steel gases as fuel.***

*Krakow, December 9, 2016*

**The modernization of TAMEH POLSKA power plant located in Kraków's Nowa Huta district has started. The plant supplies energy and utilities to ArcelorMittal Poland's Unit. The new operating model of the power plant will be based on highly efficient and ecological usage of steel process gases (blast furnace gas and coke oven gas) as basic fuel. The cost of this investment exceeds PLN 310 m.**

The aim of the modernization is to comply with new environmental requirements resulting from EU directive on industrial emissions (IED), which the plant needs to meet in 2018. The investment will allow to increase the efficiency of the plant: efficiency of boilers will improve by 10 per cent and generation of electric energy by over 10 per cent. The value of the project exceeds PLN 310 m.

### ***Cleaner air***

The modernization of the power plant assumes reconstruction of the installations in a way which will allow for a more efficient use of process gases generated by ArcelorMittal Poland's Unit in Krakow – blast furnace gas and coke oven gas – as fuel and the use of natural gas as alternative fuel. – *The technologies applied will allow us to comply with new, stricter regulations regarding environmental protection and at the same time guarantee reliable power supplies and reduction of emissions into the air* – comments Jerzy Biegun, head of investment department at TAMEH POLSKA.

This complex modernization will enable significant reduction of emissions into the air:

- dust - reduction by 90 per cent
- NOx - reduction by 83 per cent

- SO<sub>2</sub> - reduction by 80 per cent
- CO - reduction by 40 per cent
- CO<sub>2</sub> - reduction by 20 per cent

***Scope of work***

The scope of work will include construction of two new gas boilers and adjustment of the existing coal boiler no 8 to combust gas fuels, i.e. blast furnace gas, coke oven gas and natural gas. A new turbogenerator will be built with the capacity of 55 MWe as well as an installation to supply natural gas and connections of coke oven gas and blast furnace gas. The cooling water system will also be modernized.