

The implementation of GGE's largest energy efficiency project - the construction of a cogeneration of heat and power plant in Croatian Slatina municipality is expected to be completed by summer of 2018, the regional energy services company GGE said in a statement.

The total investment is worth EUR 24 million and construction works have begun in September.

Consisting of a steam boiler running on wood chips, with a steam turbine and generator for electrical power, the plant will produce both electric and heat energy. It will have a 5 MW capacity and annually produce 40 GWh of electric energy, which is enough to power 500 households.

The Croatian energy market operator has signed a 14-year contract for the purchase of the electricity produced.

„Investing in a biomass-powered CHP plant is a natural step for our company, given that we are a leader in the ESCO business in South Eastern Europe, as well as a company that is completely oriented towards renewable sources of energy, energy savings and investments in clean energy projects. The Slatina CHP project will implement best available technology equipment with the highest level of energy efficiency and lowest greenhouse gas emissions,“ Siniša Janjušević, head engineer on the project and GGE Project Leader said.

Preparations for the development of the Slatina CHP project took six months, given that we were highly focused on choosing the right concept for the plant, with the best suited, most efficient and effective technology.

“Negotiations with the equipment supplier, who is also the contractor building the entire project, took another few months, which is further proof of how committed all the participants are to achieving excellence. Team work has been and will remain very important throughout all the phases of the project, and we will continue to build good cooperation between partners, focusing our attention on the precision and accuracy of the performance of the plant,“ said Marko Podlesek, Director of GGE's Heat & Power Division, responsible for the entire project.

This commercial technology for the simultaneous production of heat and power will be one of the largest projects of its kind in the region and represents a benchmark for GGE as well as the Slatina municipality.

The newly built cogeneration plant will employ 15 people from the municipality once it begins operations.

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