Croation Electric Power Industry announced that installation of main equipment into the first two biomass-fired cogeneration combined heat and bio power plants in the generation portfolio has been completed.
The installation of a turbine and a generator has been completedat the construction site of BE-TO Sisak, whereas on the construction site of BE-TO Osijek after the installation of turbine and generator in July 2016, the work on insulation and electricity as well as equipment connection is underway.
As it was pointed out, the work completion and the beginning of trial period of new power plants are expected at the beginning of 2017, whereas operational permit and the takeover of facilities are expected in spring next year.
The total value of projects is more than EUR 35 million and the new power plants will also be the first power plants of the kind in HEP Group with the status of the privileged electricity producer from renewable energy sources and cogeneration.
New power plants BE-TO Sisak and BE-TO Osijek have been built by the contractor consortium, under the leadership of DjuroDjakovic Holding and the Dutch firm, HoST B.V. elected on the basis of international bidding conducted according to the procedure of the German Devolpment Bank, who isfinancing the projects.

BE-TO Sisak will have gross power 3 MW and thermal output of 10 MW, and it will annually generate around 19,300 MWh of electricity and 63,900 MWh of heat energy.
This projectincludes the construction of heat station and a hot water pipeline between Brzaj and Caprag. The investment is worth EUR 18.95 million.
BE-TO Osijek will have the same gross power and thermal output, and it will annually generate 18,300 MWh of electricity and around 65,800 MWh of heat energy.
The value of this investment is EUR 16.25 million.
Both power plants will use forest biomass as their fuel, the procurement of which was ensured by HEP’s signing long-term agreements.
Generated electricity will be delivered into electric power system, whereas the heat energy as a process steam to industrial manufacturers, or as a hot water for district heating systems in Osijek and Sisak.