

Firstly, this paper describes the European and particularly the Czech energy policy that aims to foster projects using renewable energy sources. The different European systems for supporting production of electricity from renewable energy sources are specifically discussed. These systems can be grouped into price-based and market-based systems and the specific rules usually differ from country to country. The Czech Republic uses the price-based system based on feed-in tariffs (green bonuses). The laws which support the production of electricity from renewable energy sources (particularly combined heat and power plants) are mentioned, focusing mainly on the description of the feed-in tariff system currently applied in the Czech Republic. An evaluation of a concrete project, combined heat and power plant using renewable sources of energy (biomass) as fuel, is carried out in the second part of the paper. This practical section uses the theoretical background and information given in the first part of the paper.