

Alternative sources of energy and their legal regulation in the context of the Czech and the Community law

The purpose of my thesis is to analyze alternative or renewable sources of energy. The aim of the thesis is to examine the legal background of renewable sources in the law of European Union and the Czech law. Renewable sources of energy are fundamental instrument to deal with such challenges as environmental protection, climate change and energy security. Author outlines importance of the support schemes and the recent development of the solar power in the Czech Republic.

The thesis is composed of five chapters, each of them dealing with different aspects of renewable sources of energy. Chapter one is introductory and deals with general introduction to the renewable sources of energy. The chapter is subdivided into two parts. Part one focuses on general description of energy sources that can be divided on renewable and non renewable sources. This part also describes general advantages and disadvantages of the use of renewable sources of energy. Part Two investigates actual use of the biofuels and use of the renewable sources of energy for the production of electricity, both in the European Union and the Czech Republic. Chapter two examines legal background of the renewable sources of energy in the European Union. The chapter is subdivided into parts that examine the primary law, conceptual instruments and secondary law. This part of the thesis investigates development of the renewable energy law in the European Union. Chapter three examines relevant Czech legal background of the renewable energy sources. The chapter is subdivided into parts that explain definition of the renewable sources of energy in the Czech law, describe conceptual instruments and analyze Czech legislation that concerns the renewable energy sources, including biofuels. Chapter four contains the main burden of the thesis. Chapter deals with schemes of support generally and especially in the Czech Republic. This chapter contains legal background for support of electricity produced from solar facilities and analyzes reasons, development and consequences of the solar crisis in the Czech Republic. Author highlights negative influence of the legal changes in the Czech legislation that was made in the 2010. This negative influence includes the risk of the arbitrary procedures against the Czech Republic and retardation of the development of the solar energy in the Czech Republic. Chapter four concentrates on the topics that are related to the relation of the renewable sources of energy and the environment. Part One describes location of the renewable energy facilities. In this part of the paper author suggests changes in the Czech

legal background. Part two of chapter explores the influence of the renewable energy facilities on the environment.