

ABSTRACT

The thesis focuses on description of the legal regulation of energy production from solar radiation. It is a discourse about the substantial topic for the society, currently still highly actual and consisting not only law, but also economic and environmental overlaps. The thesis classifies solar energy within the energy resources system, compares it with other resources and tries to outline its future exploitation. After explanation of the merit of energy production from the solar radiation and current state of its exploitation, the legal framework of the solar energy as a part of renewables was described. Such description was split into two chapters by the year 2005 and examines the Czech and European law, while it shows the legal regime of the respective area in Germany, France and California.

The support of energy production from any renewable resource (not excluding the solar energy) is based on law which shall arise from the conceptual instruments dealt by the author of the thesis in its second half. The author further reviews particular types of support in general and under the Czech law, describes the tax aspects and economic impacts of photovoltaics. He reviews critically the rise of photovoltaic energy in the Czech Republic and enumerates the reasons of the mentioned situation as well as measures enacted in response to it. He tries to examine eventual further direction of the legal regulation in the future. In the end of the thesis, a discourse regarding the influence of energy production from solar radiation to the environment was drawn, in particular with respect to presence of the solar plants in the region and future liquidation of waste coming up from such plants in the future. The author sums up its observations in the conclusion, expresses critically as regards particular issues included in the thesis and argues about the future character of support of the solar energy not only in the Czech Republic.