

Solar power plant (45MWp): Bulgarian electricity market study

Abstract

Green economic growth became slogan of thousands public and private activities, nevertheless there are arguments for switching to low-carbon, high-efficiency energy systems disregard enormous investment cost. Innovative energy technologies are able to reduce carbone emissions in aim to limit or avoid climate change directs the public debate. However renewable energy source reduced dependence on imported energy, suspension of conflicts over energy resources, and the increasing price of fossil fuels also are motivate actions. Nonetheless, the potential price and difficulty of doing the transition to a new energy system have brought fortified essential opposition from fortified economic interests and consumers equally. In this paper we investigate whether and how photovoltaic power plants as case of renewable energy growing market as Bulgaria do, could become an economic occasion rather than a precious burden. Could a photovoltaic energy capacity induce net economic growth rather than social pay off burden? Analyzing foreign (Korean) direct investment as photovoltaic power plant case study as example of some successful or unsuccessful practices of rapidly growing domestic renewable market. Our aim is this paper to be useful to public or private energy communities in supporting them with professional renewable market anatomy.