

## **Abstract**

The thesis compares and analyses the development of production/consumption of energy in the EU28, in selected countries (Austria, Czech Republic, Slovakia, Poland, Hungary, Slovenia), and especially in the Czech Republic and Slovakia in the context of accepting and development (change) of energy policies. The main aspect of the work was to analyze trends in energy consumption and (in) dependence, structure of energy production/consumption, particularly with the application potential of alternative energy sources and energy savings. This thesis confirmed that there are significant differences in achieving the main objectives of EU energy policy among states. Statistical (correlation) analysis did not confirmed a significant dependence between the energy (in) dependence, the energy saving rates and the share of alternative energy sources. Synthetic index of energy change has evaluated Hungary and Slovakia from selected countries with the best energy progress since 2004. It was not proved that Slovakia or Czech Republic have a consistent long-term energy policy that they would explicitly followed.

**Key words:** energy policy, energy savings, energy consumption, energy dependence, European Union