



## **Bachelor thesis opponent's review**

**Master thesis:** **Wind Energy in Izmir - How to Face the Extra Demand Caused by the Population Increase?**

**Author:** **Ayhan Atahan**

**Thesis supervisor:** **Ing. Michaela Makešová**

**Thesis opponent:** **doc. Dr. Ing. Jan Kyncl**

Rating (1 – 5)  
(1 = best; 5 = worst):

|  |                                |
|--|--------------------------------|
| 1. Fulfillment of assignment requirements:           | <input type="text" value="3"/> |
| 2. Systematic solutions of individual tasks:         | <input type="text" value="2"/> |
| 3. Ability to apply knowledge and to use literature: | <input type="text" value="2"/> |
| 4. Thesis formal and language level:                 | <input type="text" value="4"/> |
| 5. Thesis readability and structuring:               | <input type="text" value="1"/> |
| 6. Thesis professional level:                        | <input type="text" value="4"/> |
| 7. Conclusions and their formulation:                | <input type="text" value="2"/> |
| <b>8. Final mark evaluation (A, B, C, D, E, F):</b>  | <input type="text" value="D"/> |
| <b>verbal:</b>                                       | satisfactory                   |

### **Brief summary evaluation of the thesis (compulsory):**

The thesis deals with the possibility of installing wind farms to cover the electricity needs of the city of Izmir.

The author presents two possible estimates of population growth and calculates basic economic data for them, which he obtains by recalculating the parameters of one project in a linear proportion to the required performance.

The work cannot be considered a technical or economic evaluation of the project, in essence it is an initial study summarizing raw data.

There is inconsistent writing of percentages in the work (%8.3 versus 8.3%), the formatting of numerical data without the use of exponents is difficult to read, and the data is not appropriately rounded.

The estimate of future electricity prices is not relevantly justified.

### **Questions:**

1. What is your personal opinion about the probability of the implementation of the proposed solution?



Date: 8. 6. 2023

Signature: