

## Assessment of diploma work supervisor

Title: **Cost of electrical energy in complex energy system**

Name of student: **Alexandr Doroshenko**

Student's task was to make both basic technical and economical evaluation of the cogeneration plant after implementation of the new wind power plant. The student prepared an analysis of current state of the system and suggested the project of new wind power station integrated in the system. The student worked during all the year I can gradually monitor an advancement of his work. He accomplished all points of the diploma work successfully.

The author studied the plant and its equipment and above all the supplied diagram of electricity and heat. Then he implemented and integrated the new wind turbine into the system and optimized its operating schedule. These calculations are thoughtful and show a good engineering competence of the author.

In the final part of the diploma work the student made the cost calculation and the minimum prices evaluation. Finally the scenario analyses were conducted.

The final assessment of the diploma work is

**– A excellent –**

10. 6. 2016

Ing. Martin Beneš