**VJETROELEKTRANE KAO ALTERNATIVNI IZVORI OBNOVLJIVE ENERGIJE (12 pt,** font Times New Roman **Bold)**

Marko Petrović1, Ana Marković1**,** John Smith2**...**

1Faculty of Management, University Adriatic, Herceg Novi 85348, Montenegro

2 Florida State UniversityTallahassee, FL 32306, USA **(10 pt, ,** font Times New Roman**)**

E-mail adresa autora za korespondenciju: markopetrović@t-com.me (M. Petrović)

**-----------------------------------------------------------------------------------------------------------**

***SAŽETAK: (10 pt,*** font Times New Roman ***Bold, Italic)***

*U radu se analizira rad i razvoj vjetroenelektrana, kao jednog od najperspektivijih alternativnih obnovljivih izvora energije koji ne zagađuje sredinu. Analizirane su tehničke komponente vjetroelektrane, vrste turbina, tipovi elektrčnih generatora, kriterijumi za odabiranje mjesta na kojima se grade. Sem ekonomske i ekološke opravdanosti ukazano je na probleme stabilnosti pri vezivanju na distributivnu mrežu. ... ( 10 pt. Italic, font Times New Roman) (100-250 riječi)*

***Ključne riječi:*** *vjetroelektrane, turbina, električni generatori, električna mreža* ***(****10 pt,* *Italic****,*** *font Times New Roman* ***Bold)*** *(do 5 riječi)*

**WIND POWER PLANTS AS ALTERNATIVE SOURCES OF RENEWABLE ENERGY (12 pt,** font Times New Roman **Bold)**

Marko Petrovic1, Ana Markovic1**,** John Smith2**...**

1Faculty of Management, University Adriatic, Herceg Novi 85348, Montenegro

2 Florida State UniversityTallahassee, FL 32306, USA **(10 pt, ,** font Times New Roman**)**

Corresponding author e-mail address: markopetrović@t-com.me (M. Petrovic)

**-----------------------------------------------------------------------------------------------------------**

***ABSTRACT: (10 pt,*** font Times New Roman ***Bold, Italic)***

*In this paper operating and development of wind power plants, as one of the most prospective ecological renewable energy sources, is analised. It analyzes the technical components of wind power, types of turbines and electrical generators, the criteria for selecting sites on which to build. Besides economic and environmental advantages, the problems of stability on connecting to the electrical network is adressed ... ( 10 pt. Italic, font Times New Roman) (100-250 words)*

***Keywords:*** *wind powerplants, turbines, generators, electric network*  ***(10 pt,*** *font Times New Roman* ***Bold) (****up to 5 keywords)*