

Title	Machine Learning Based Wind Turbine Production Forecaster
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Abstract	<p>Given the fact that renewable energy sources are increasing their share in the electricity market, in order to maintain the stable grid, i.e. match the production and the demand, it is crucial to have accurate prediction of the expected accessible energy. Therefore, this paper is focused on providing the model for wind turbine production short-term forecast. The model is deep neural network which includes LSTM, convolutional and dense layers, trained by the real world data obtained from the wind farm in Krnovo, Montenegro. The model was successful in a goal of providing competent prediction, so performances and results of the proposed model are given in this paper.</p>