

Theme: renewable energy (poster)

Title: Basic physics of wind energy

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Abstract

The wind is a quantity in abundance in nature and occurs as a function of the displacement of hot masses of air from the equator towards the colder regions at the poles. This work proposes a brief study about the wind energy, and it contextualizes the basic contents of physics: intensity, direction, displacement, velocity, vectors, hydrodynamics. Maybe it will be useful for high school students.

Keywords: wind, airflow, fluid.