The Feasibility of Small-Scale Wind Power Generation at Kent School, Connecticut: An economic, environmental, and aesthetic analyses

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Abstract

Carbon-based energy source in electricity generation has already been challenged, in multiple researches, not only for their scarcity[CITE] but also their negative impacts on earth's environment. In face of severe environmental challenges such as global warming and its resulting problems such as extreme weathers[CITE] and dramatically increasing species extinction rate[CITE], a clean and environmentally-friendly energy source is in need. It is evidence through multiple researches that wind power has the potential of subsidizing, if not replacing, the role of power generation by those traditional energy sources. In light of the development of wind power worldwide, it is important for Kent School to also consider using wind power to fulfill parts of the electricity consumption on campus and hopefully reduce campus' environmental footprint. This study specifically focuses on the feasibility of a small-scale wind farm on Kent School's campus through economic, environmental and aesthetic perspectives.

Keywords: Wind, Kent School, Small-scale, Energy, Economic-feasibility

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[1] Since 1880.

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Here are two sample references: [1, 2].

References

References

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