

CWSF 2006 - Saguenay, Québec



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Gone With the Wind

Division: Health Sciences

Category: Junior

Region: Pacific Northwest

City: Smithers, BC

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Abstract: This project tested how the size and angle of blades on a wind turbine affects the electrical output. By mounting a wind turbine to the front of a vehicle, which then traveled at a constant 30km/h, I found that 6" blades at a 15-degree angle generate the highest electrical output.