

**Summer Research Program 2011/2012**

***Project Title Siting Wind Turbines near Hills***

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**Objective**

*It will look at the effect of topographic features, such as a series of hills of different heights, on the flow field over them. The resultant flow will then be entered into a model of a wind turbine to determine the effect on the power output.*

**Description**

*Candidates must have a keen interest in fluid mechanics and be motivated to do experiments in the Monash Wind Tunnels. The work is supported by the Australian Research Council and has two industry partners, a wind energy siting company and a wind turbine manufacturing company.*