



capability

Wind Monitoring & Site Assessment



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The ATA is a supplier of wind energy monitoring and site and resource assessment services for clients of all types and sizes, including all tiers of government, the private sector and community organisations.

The ATA also provides education and training in the areas of wind monitoring and site assessment, and undertakes design and consultancy services for existing and proposed small to medium scale wind projects.

ATA's most recent wind monitoring project was conducted for Brimbank City Council in 2010/11. As part of the project, the ATA erected and commissioned a wind monitoring system comprising a 35 metre tower, along with three anemometers, one wind vane and one temperature sensor.

Two anemometers were mounted on the western side of the mast, at heights of 20 metres and 34 metres respectively, whilst the third was mounted on the eastern side of the mast at 34.5 metres. The ATA collected and analysed 12 months of data for the project from April 2010 to May 2011, with monthly verification during the survey period.

The ATA also formally developed a Wind Site Assessment Training Course in mid 2011. This course was initially developed and delivered for the Northern Sydney Institute of TAFE, in partnership with the NSW Office of Environment and Heritage, and in response to the emerging community-scale wind industry in NSW.

The training course has since been delivered to industry stakeholders in Victoria through Holmesglen TAFE and can be tailored and delivered to any audience seeking to understand the necessary issues and procedures involved with site analysis to achieve successful small to medium scale wind projects.

ATA has over 30 years experience of providing independent advice and analysis on sustainable technologies and practices to consumers, government, business and industry. ATA's expertise lies in its technical knowledge, communications capacity, and a large knowledge-base of sustainable solutions for homes, businesses and communities.



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