

Mount Mercer Wind Farm



The Mount Mercer Wind Farm is located at Mount Mercer in Western Victoria. The wind farm is expected to generate approximately 395,000 megawatt hours (MWh) of electricity each year which could provide enough renewable energy to power the city of Ballarat. This includes approximately 74,000 households and results in a reduction of some 510,000 tonnes of carbon dioxide.

Independent Cement, through our client Eureka Concrete, was proud to supply our 70/30 Fly Ash blend cement for the concrete used in this project. The project began in March, 2013 and over a 6 month period; Independent Cement supplied a total of 9,000 Tonne.

With the tower bases' requiring mass concrete pours, the 70/30 flyash binder combination was chosen to reduce the heat of hydration of the concrete. High heat of hydration can cause Delayed Ettringite Formation (DEF) and thermal cracking. The use of the high flyash blend reduced the risk of DEF and thermal cracking.



Project featuring Ecoblend. Please contact us for more information regarding this product.



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