

# Hopetoun Power Project

**T**he Hopetoun Power Project will deliver high standards of reliability and quality whilst also maintaining high safety and environmental standards.

## **New wind / diesel power station**

To meet the dramatic increase in power requirements in Hopetoun, a new 1.9 MW low load diesel power station and second wind turbine are being built. The increase in power demand is mainly driven by the Ravensthorpe Nickel Project development workforce who plan to reside in Hopetoun. It also provides an opportunity to build a more environmentally friendly power station, away from residential areas, that complies with all planning and environmental regulations.

The new power station will consist of a second 600 kW wind turbine (the same as the existing wind turbine near Hopetoun) and 6 special low load diesel generators. A successful application has been made to the Federal Government for grant funding of \$1.035M towards the wind turbine and associated "renewable enabling" equipment from the Renewable Remote Power Generation Program.

Together the two wind turbines are expected to save almost half a million litres of diesel fuel and 1500 tonnes of greenhouse gases yearly.

The power station will be built and operated by Verve Energy who will sell bulk electricity to Horizon Power to distribute and retail to its customers. Verve Energy (which incorporates Diesel and Wind Systems) is the new generation business created from the split up of Western Power on 1 April 2006.

## **Location**

The new wind/diesel power station will be located on general farming land off Steeredale Road, approximately 4 kms from Hopetoun.

## **Interconnection Work**

Horizon Power will need to undertake some work to connect the new power station to the town's electricity distribution network. Further information on this work and timetable will be included in the next newsletter.

## **Community Visit**

Representatives of Verve Energy and Horizon Power visited Hopetoun and Ravensthorpe in late May to meet with key stakeholders to discuss the new power station.

## **Timetable**

Date	Milestone
February 2007	Target Commissioning Date

## **Contacts**

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