

New Website

A website has been created specifically for the project. On this site you will find all sorts of information, including news, frequently asked questions, contact details, and other project information.

During the course of the project, the website will be used to update the community on any news and developments.

Visit www.baldhillswindfarm.com.au

Line Route

Electricity generated at the wind farm will be distributed to the electricity grid. To connect to the grid, a power line will be constructed between the wind farm and the Leongatha Zone Substation.

The power line is a single power pole type, which is typical for the distribution of 66kV in the South Gippsland area. Today, concrete poles are usually preferred for distributing electricity of this voltage and similar type of poles were recently installed along the South Gippsland Highway near Kooweerup.

Electricity from the wind farm will be carried on six wires mounted to two cross arms which are fixed to the pole. There will also be a single wire used for communications. The opportunity to use the new poles to extend and improve the distribution of electricity from the grid to the local area will be explored. If this is possible, then there would be an additional three wires mounted to the pole, making a total of ten wires.

The power line will be located on a mixture of private and public land. Discussion with private land owners and the relevant government land managers will be undertaken over the coming months.

Did You Know?

Wind farms convert wind to electrical energy very efficiently.

Modern wind turbines convert up to 50 percent of the energy in the wind into electricity. In comparison, a brown coal power station operating in Victoria converts around 25 per cent of the energy in coal into electricity.

Turbines are built to generate energy at a range of wind speeds. A typical wind turbine starts producing energy at a wind speed of just 11km/h.

*Information from Sustainability Victoria, *Wind Energy—Myths and Facts*, May 2007



Concrete Pole. A similar pole and cable configuration to what is proposed for the grid connection.



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Wonthaggi Sunset. The sun slipping below the horizon at the Wonthaggi site.

BALD
HILLS
WIND
FARM



Newsletter

Issue 1 August 2008

Welcome to the first edition of the Bald Hills Wind Farm Newsletter. This newsletter provides information to the communities in and around the Bald Hills Wind Farm development, situated about 10 kilometres south east of Tarwin Lower in South Gippsland. More copies are available by either contacting us, or downloading from our website. See below for details.

Bald Hills Wind Farm - On Your Marks! Get, Set...

The Bald Hills Wind Farm has now entered a very exciting period. At the end of May 2008 Mitsui & Co. (Australia) Ltd acquired the development rights to the Bald Hills Wind Farm project from Wind Power Pty Ltd.

Wind Power and Mitsui have since entered into a development agreement. A joint project development team has been formed, drawing on the combined experience and expertise of the two companies.

The project development team commenced the "development phase" of the project in June 2008. The tasks to be undertaken during this phase consist of putting in place the contracts required to complete the design, construction, operation & maintenance of the Bald Hills Wind Farm facility. These include:

- selection and sourcing of turbines;
- infrastructure works;
- electrical framework;
- connection to the electricity grid; and
- the sale of energy generated from the wind farm.

The timing for completion of the development phase is expected in April 2009, with construction scheduled to begin later that year. The actual timing for the commencement of construction activities will be confirmed as part of the finalisation of the key contracts for turbine supply and infrastructure construction.



Mitsui and Wind Power. Atsushi Oi shakes hands with Andrew Newbold at the execution of the agreement for the sale of Bald Hills Wind Farm Pty Ltd. Looking on, from left to right, is Mineyuki Nitta, Jun Okuno, Hiroki Toko, Toshiro Nakada, Vaughan Hulme, Matthew Croome and Satoko Minagawa.

Contact Us:

Bald Hills Wind Farm Pty Ltd

Level 2, 765 Glenferrie Rd, Hawthorn, 3122

Phone: 03 8862 5199, Email: info@baldhillswindfarm.com.au

Web: www.baldhillswindfarm.com.au

Who is Mitsui?

Mitsui & Co. (Australia) Ltd. has been operating in Australia for over 90 years. It is 100% owned by its parent company Mitsui & Co., Ltd. of Japan. Mitsui's head office is in Tokyo and today, it has 161 offices in 68 countries with approximately 6,000 employees and over 42,000 employees on a consolidated basis.



Zajaczkowo Wind Farm. Looking over the flowers at the Mitsui owned wind farm in Poland.

Western Australia. Recognising the need to deliver solutions to global environmental issues, Mitsui is increasingly pursuing development opportunities of renewable energy projects such as wind and solar power generation. Existing renewable portfolio owned by Mitsui includes Zajaczkowo Wind Farm in Poland, Brazos Wind Farm in the US, Wachtendonk Wind Farm in Germany and Hibikinada Wind Farm in Japan, with other developments underway in various countries.

Main Businesses

Mitsui taps an expanding global network to access strategic information and harness business engineering capabilities. Main businesses include sales, manufacture, export/import, international trade and services in the following fields: metal products & minerals, energy, food, machinery, electronics & information, chemicals, consumer products & services and logistics & financial markets. Mitsui is also diversifying services, exploring for and developing natural resources, making commercial investments, developing technologies in new businesses and much more.

Mitsui in Australia

In Australia, Mitsui's core activities are trading and investment. Today, the company operates across a number of sectors including mineral resources, energy, forestry, agriculture, chemicals, steel and infrastructure.

Mitsui has steadily expanded and diversified its investment in Australia over the years -coal in the 1960s, iron ore in the 1970s, gas in the 1980s and plantations in the 1990s. While these investments are expected to continue to grow in the coming years, Mitsui has also become an active participant in the Australian power market.

Mitsui in the Power Sector

Mitsui holds a global net generation capacity of approximately 3,770MW. In Australia, its portfolio comprises Loy Yang B in Victoria, Tarong North in Queensland and Kwinana cogeneration plant in

Environmental Benefits

Bald Hills Wind Farm will comprise of 52 turbines of 2MW capacity each, giving it a total capacity of 104MW. It is expected to produce 335,100 MWh of electricity per year, based on the long term average forecast wind data.

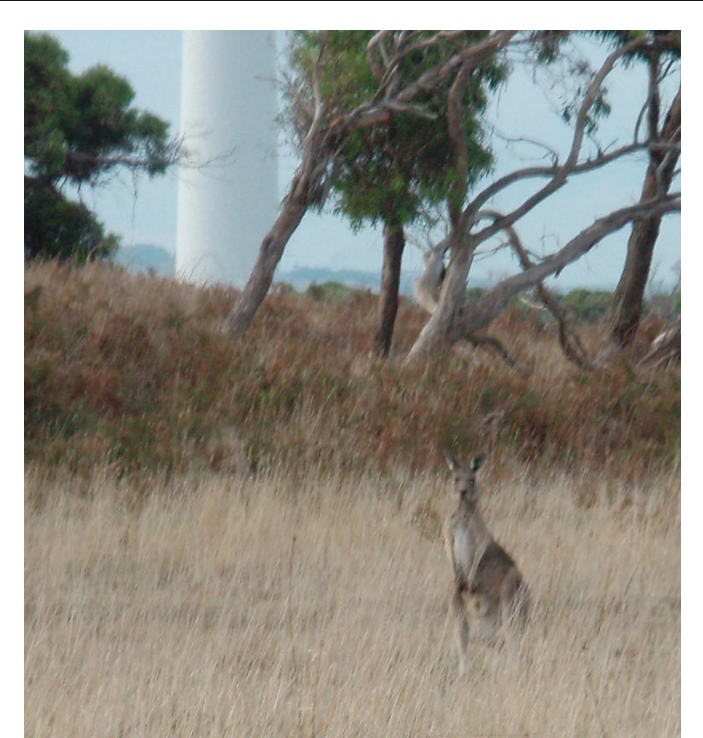
This is the equivalent of meeting the electricity requirements of over 62,000 homes— over four and a half times the homes in the South Gippsland Shire (based on 2006 census data).

As a long term average:

- The wind farm should avoid up to 335,000 tonnes of CO₂e emissions per annum.
- This is the equivalent of taking over 77,000 cars off the road each year.
- It also represents planting over half a million trees each year.

The wind farm is a practical demonstration of the progressive attitude towards climate change and symbolises regional Victoria's efforts to combat this situation.

It is timely for all of us to consider what we can do to reduce the effects of climate change. The generation of renewable energy is just one way to reduce our impact on the environment.



Wonthaggi Wildlife. Wonthaggi Wind Farm is home to many different kinds of fauna, such as this kangaroo, going about its daily business.

Local Economic Benefits

Bald Hills Wind Farm will make a large contribution to the local area in many ways. There will be local employment opportunities, including jobs during construction (such as road building, fencing, electrical, trades assistants) and ongoing operation jobs. There will also be positive flow on effects, with jobs created in other industries such as retail, services, catering and accommodation.

Tourism opportunities are also expected to be generated through the facility.

Bald Hills Vista. A view overlooking the northern section of the site, showing Bald Hills itself.

