

Coral Bay Power Project

Construction work is about to begin on the Coral Bay Power Project, which will see Horizon Power take over responsibility for power supplies in the community, new underground distribution system installed and Verve Energy will build a new power station and wind farm to supply power to the community.

Getting Underway

The wind monitoring mast used in the assessment phase of the Project will be removed by the end of November, with site preparations, including the road to the wind farm and clearance works set to begin shortly thereafter. Site works are expected to continue through to the new year, and the foundations for the wind farm and new power station should commence in January 2007.

Wind Turbine Installation

The wind turbines for the new wind farm are in the final stages of construction in France and are due to arrive via container ship in Fremantle during December. They will be transported to site from late January, and are planned to be installed during February and March 2007.

Power Station

Construction work on the new power station will take place between February and May. Building works to be completed during this time include installation of perimeter fencing, installation of the containerised diesel generators, installation of the fuel tanks and system, installation of the control room, workshop and power store buildings, and installation of the transformers and overhead structure above the generators.



▲ The three turbines in Coral Bay will look similar to this.

Commissioning of the new power station is expected to be carried out from April, with extensive testing of the new system, which must be completed before the new station is connected to the power distribution network. The new station is expected to be operational in June 2007.

Service Road (Sanctuary Road)

The Main Roads Department will manage construction of a new sealed road to the power station between February and March. The works will also see the intersection at Exmouth Road upgraded to allow fuel trucks to turn into Coral Bay Road.

New Network

The final design of the new power network is nearing completion and Horizon Power has begun negotiating with landowners to finalise connection details. Trenching and cable laying work on the new 22,000 volt underground network will begin in March, with installation expected to take six weeks.

Contact

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Indicative timetable

Dec 2006	Commence site works for power station and wind farm
Jan 2007	Install foundations for wind turbines
Feb-Mar 2007	Road works
Feb-May 2007	Construct power station
Mar-May 2007	Install new underground distribution network
June 2007	Commence operating new power system