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News

Power for remote mines

2 July 2009



An advanced hybrid power system devised by Perth-based Regen Power was recently installed at the Eco Beach Wilderness Resort near Broome that could provide mining companies in remote areas of Australia with a less expensive way of generating their power.

According to Regen, the automated solar and diesel system can be monitored from thousands of miles away to optimise power input and output, helping to reduce costs.

The system may prove ideal for use in remote mining areas, Regen chairman Professor Chem Nayar said.

“Having demonstrated our company’s expertise in handling a large project of this nature in a remote area of the Kimberley, we believe we have developed the credibility to build larger systems,” Nayar said.

The Regen system consists of a 120kW grid forming 3-phase inverter, linked to 2kWp grid-connected photovoltaic modules set onto the roofs of 24 of the resort’s villas. Any excess power generated by these cells is then fed back into batteries for storage.

Four diesel generators are also linked to the system to boost power at night if necessary, if the rooftop solar panels are not able to contribute to the grid or the batteries are running low.

Regen Power

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