

Prime power

> Case History
Bedarra Island Resort, Australia

Our energy working for you.™



Where:

Bedarra Island, Great Barrier Reef, Queensland, Australia

What:

Fully integrated prime power solution incorporating three Cummins Power Generation (C200 D5) generator sets individually controlled by PowerCommand® digital paralleling PCC3100 controllers; all three generator sets are then controlled by an MC150 master control system

Purpose:

To provide continual, reliable power for the luxury resort

Primary choice factors:

Cummins Power Generation's ability to provide a total integrated solution of a turnkey prime power system

System solution powers paradise

BEDARRA ISLAND, QUEENSLAND, AUSTRALIA — One of Australia's most exclusive resorts, Voyages Bedarra Island on the Great Barrier Reef, now has reliable electricity supply following installation of a new state-of-the-art power system by Cummins Power Generation.

Each of the three new generator sets is providing a substantial relative fuel saving due to the technology incorporated in the fully automated, unmanned power station.

The previous power system at Bedarra, which used another manufacturer's gensets with a manually operated paralleling switchboard, had become unreliable and the resort was experiencing regular power outages.

Looking for a solution, Voyages — the travel company that operates Bedarra Island along with a number of other award-winning Australian resorts — approached Des Dykes, senior project engineer (electrical) for Bovis Lead Lease.

Turnkey prime power solution
Dykes was asked to evaluate suppliers and the solutions they could offer, and as a result Cummins Power Generation was chosen to design and install the new, fully automatic

