



CASE STUDY

Tropical Homes Villa Solar Hot Water System, DC Lighting and Fans



PROJECT SUMMARY

Location: Jimbaran, Bali
Description: DC Fans, Solar Water Heater and DC lighting with battery back-up
Equipment installed: DC lights, thermal and PV solar panels, inverter, 400 Liter hot water tank, Gossamer ceiling fans
Completed: November 2008

Tropical Homes is renowned in Bali for not only its premier properties for rent and sale but also their environmental awareness. In 2008, Contained Energy was contracted to install a solar hot water system, DC fans and DC lighting.

CE's solar hot water system is equipped with a 400 liter hot water tank fed by two systems of Apricus 20 vacuum glass tubes that heat the water to 40-50 degrees C. The system is backed-up by grid-power. The DC lighting and DC fans are battery powered with electric charging.

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