



## CASE STUDY

# Banka Belitung Solar Pumping from Ringeng Lake



### PROJECT SUMMARY

**Location:** Banka Belitung  
Islands, Indonesia

**Description:**  
Clean water supply from  
Ringeng Lake

**System Size:** 2 x PS600  
Submersible Pump, Lorentz  
(600W, 48-72V),

10 x 64 Wp PV panels

**Completed:** December 2007

In 2007, Contained Energy began a project to supply clean water to small village in the Banka Belitung Islands of Indonesia. The system uses ten 64 Wp PV solar panels to power two Lorentz pumps that pump 20-23 m<sup>3</sup> of water in two stages from a Ringeng lake each day. The water is pumped first to an open tank and then further up into a tower tank. The water is used to supply the villagers of Toboali town clean water.

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