

CUSTOMER REFERENCE

SOLAR/2011/001



SOLAR AND WIND ENERGY FOR OPT NEW CALEDONIA

AEG PS' first hybrid power eco-installation is a success.

Office des Postes & Telecommunications (OPT) in New Caledonia needed a renewable energy system to manage their power needs at their Cap Sommet wireless network site. From energy generation to energy storage, the AEG PS hybrid power ecopx installation offered substantial operating costs reductions, security, reliability and a sizeable carbon footprint improvement. The system offers a combination of solar and wind energy with batteries and has a genset (diesel generator) as backup. OPT was fully satisfied with the AEG PS solution, which resulted in the award of a contract for another site.

CUSTOMER INFORMATION



OPT, New Caledonia

(TECHNICAL) SPECIFICATIONS

Location	New Caledonia
Energy sources	Solar panels, wind turbine, battery packs
Solar panel capacity	up to 11 kW
Wind turbine capacity	5 kW
Battery capacity	3000 Ah
CO2 emission reduction	99%
Operating costs savings	99%
Total costs of ownership	-70% after 10 years