

For Immediate Release  
WhatPowerCrisis Ltd.  
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## **WhatPowerCrisis Launches Complete Off-Grid Platform**

Suite of reliable brands creates a modular, customizable and affordable package

WhatPowerCrisis announced today their new PowerStation platform for off-grid electricity generation and consumption. Assembled from tried and tested components from Outback, Southwest Windpower, Kipor, Mitsubishi, and Exide, the PowerStation product integrates solar, wind, biodiesel and micro-hydro to fulfill the power requirements of a standard 3-bedroom house and upwards. Designed as a modular unit, each PowerStation can handle two kilowatts of photovoltaic panels, a 48V wind turbine and they can be stacked like LEGO to allow for flexibility and expansion.

As a design that evolved through experimentation and field experience, the PowerStation is centered around WhatPowerCrisis' central AC/DC cabinet, which is pre-wired to NZ 5033 standards and fully documented for electricians to hit the ground running. "We used to just sell the components and expect sparkies to learn about the configuration and wiring of a system, but we realized that what our customers want are complete systems," says Managing Director Dave Keppel. "After specifying and installing many off-grid systems, we've come up with a proven design that saves people time and money from day one."

Another advantage of the PowerStation is its reliability and built-in redundancy. "What we've learned about off-grid over the last few years is that you have to spec quality components, and know how those components work together," says chief designer Paul Boyes. "With generator auto-start, battery management and monitoring built in, you get a no nonsense system that just works." Wired to meet NZ standards, the PowerStation is pre-configured and tested before it ships to the customer. A standard package includes one kilowatt of PV, a Kipor 5000 KVA diesel generator, a deep-cycle Exide battery bank and power electronics from Outback, starting at \$29,000. Options include a 200W Air Breeze wind turbine, remote monitoring software, and a micro-hydro turbine from Eco-Innovations.

In order to "get real" with renewables, WhatPowerCrisis is powering and heating their whole office and showroom off a PowerStation, utilizing wind, solar and efficiency. A blog of the company's experiences, complete with live data from monitoring devices will be available on their website at: <http://www.whatpowercrisis.co.nz/>.

WhatPowerCrisis will be demonstrating the PowerStation at Fieldays 2009, along with a range of off-grid appliances that deliver residential services such as refrigeration, lighting and space heating while saving power.

### **About WhatPowerCrisis**

Founded in 2005, WhatPowerCrisis is the value leader for quality renewable energy systems and components in New Zealand. For more information or to order products directly, go to: <http://www.whatpowercrisis.co.nz/>