

Installation Case Study: 008

Makaphutu Children's Village South Africa

AllSolus



AllSolus Pty Ltd

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Makaphutu Children's Village is a home of love, healing and safety for vulnerable and orphaned children in KwaZulu Natal, South Africa—the AIDS epicentre of the world. They currently serve 45 beautiful children ranging in age from 1 to 19 years old. Makaphutu also serves as a community outreach hub into an area that has been devastated by the AIDS pandemic.



12 Australian friends that enjoy the great outdoors and motorbike riding, got together to make a difference whilst enjoying the African continent. The team managed to raise close to \$12,000 prior to their expedition. During their travels they pit stopped at the Children's Village to present some well needed funds, a trampoline and some back packs for the Children. The Money has contributed towards food and fresh drinking water, fuel for vehicles and to assist with paying their house Mothers (voluntary carers) a wage.

Simon Hams (founder and Engineer at AllSolutus) was part of this Adventure and after learning of the exuberantly high power prices they pay, AllSolutus subsequently donated an energy monitoring system to assist with reducing their energy costs.

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The required parts were sent to a local electrician who installed the system according to the manual. It's a rudimentary application of an AllSolut System that now delivers state of the Art billing grade, class 1 metering to the Village, utilising the wireless capabilities of the system to transmit data between 2 data capture points. The school uses their own data to now cross check that their local utility is not inadvertently overcharging for electricity which has been a concern at the school for a number of years.

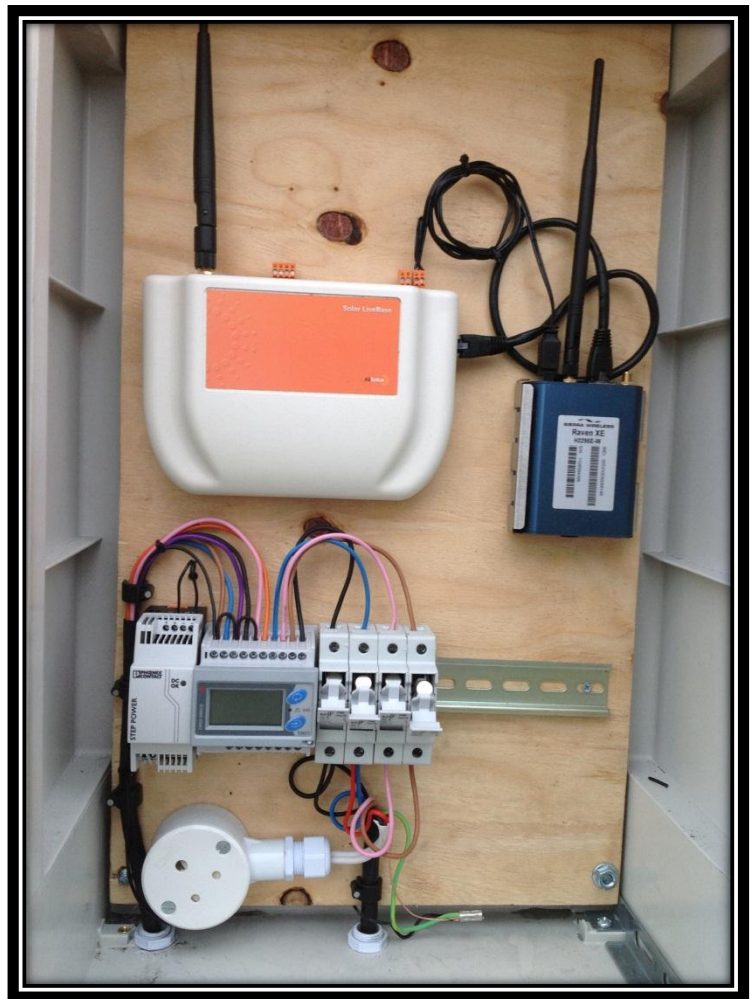
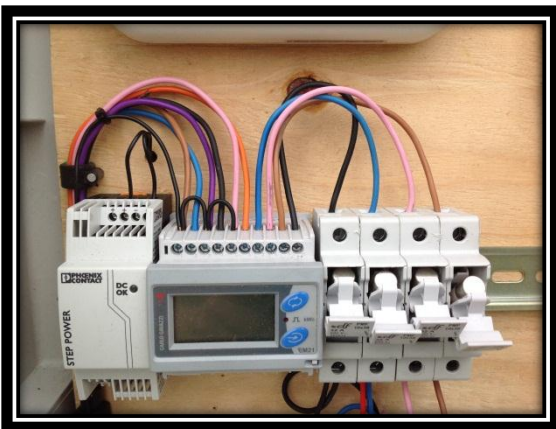
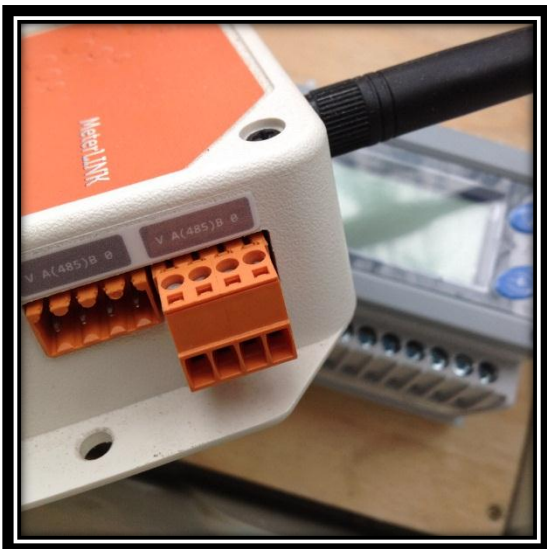
Customised AllSolut Access Web Portal

2 Channel Data Collection Points

Billing grade resolution

Unlimited Data Storage

GSM 3G broad band modem



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A customised AllSolus Web portal set up now allows the village management to Monitor, Learn, Control and Reduce their energy consumption

SCREENSHOTS COMING SOON

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