



# Remote area power supplies



## Rural Mangaweka: a case study

Power cuts are a thing of the past for central North Island farmer Cameron Bunn.

When the power goes out for others, they're quick to ask Cameron if he's got electricity. "I say, 'yep, my power never turns off'."

The Bunn's have a RAPS system supplied by Powerco subsidiary Base Power, which means the power stays on at their 650-hectare Mangaweka sheep and beef farm - no matter the weather.

It was a severe snowstorm in 2017 that saw Cameron, Elisabeth and their two young children switch from traditional electricity lines supply to two Base Power units.

"With no power, we don't have any water because it's all pumped water. Also, there are no electric fences and no way of keeping the animals behind the fence.

"It's been really good since we've had Base Power - really positive. The units power my wool shed, my house, our rental home down the road, our reticulated water pump for our farm, and our other wool shed."

With the RAPS solution, the Bunn's pay a 'lines' fee to their electricity distribution company, the same as they would if they still had overhead power lines, plus diesel to top up the generator.

**Watch a video >**  
<https://youtu.be/PJNwj2dedNY>



## Remote area power supplies in action



North Island lines company Powerco has been working with RAPS solutions for over 10 years and has implemented 25 RAPS units on remote areas of its network and also as a rapid portable energy unit for power outages.

## More information

**PowerNet - Rowallan Microgrid >**  
[www.powernet.co.nz/future-energy/microgrids/rowallan-microgrid/](http://www.powernet.co.nz/future-energy/microgrids/rowallan-microgrid/)

**Basepower >**  
[www.basepower.co.nz](http://www.basepower.co.nz)

