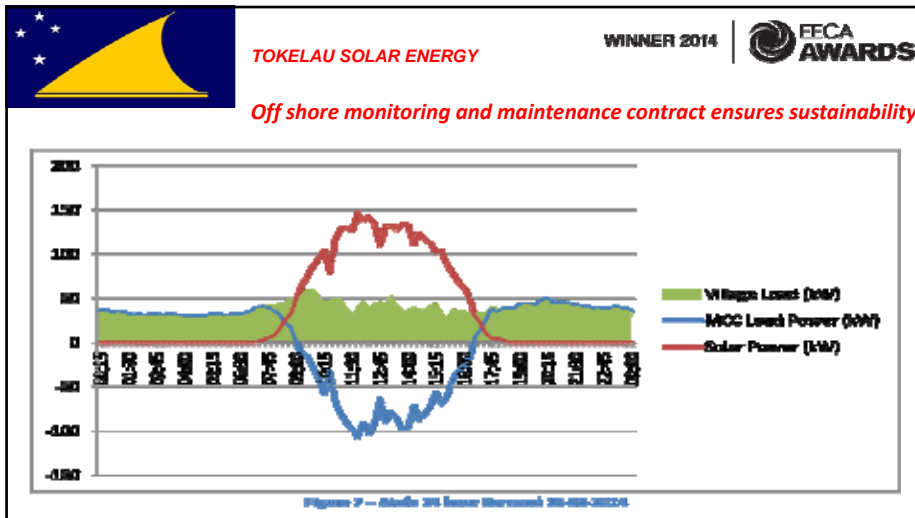
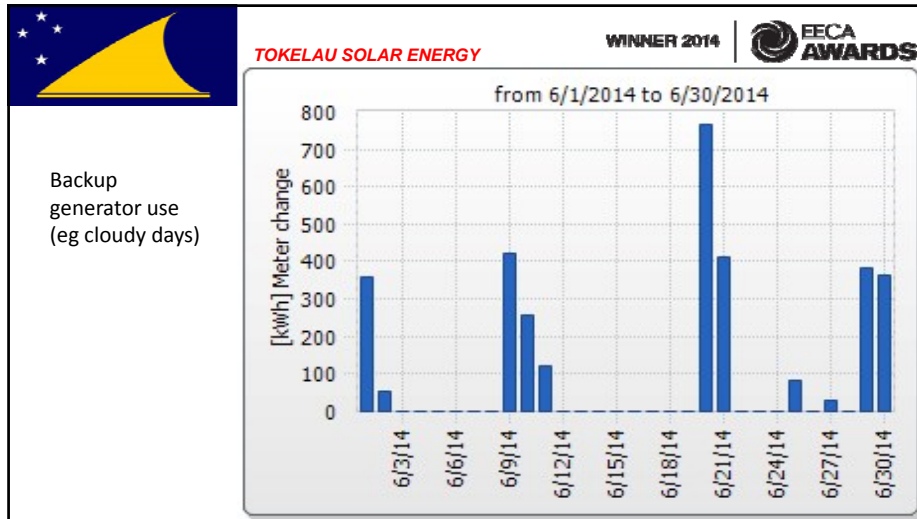




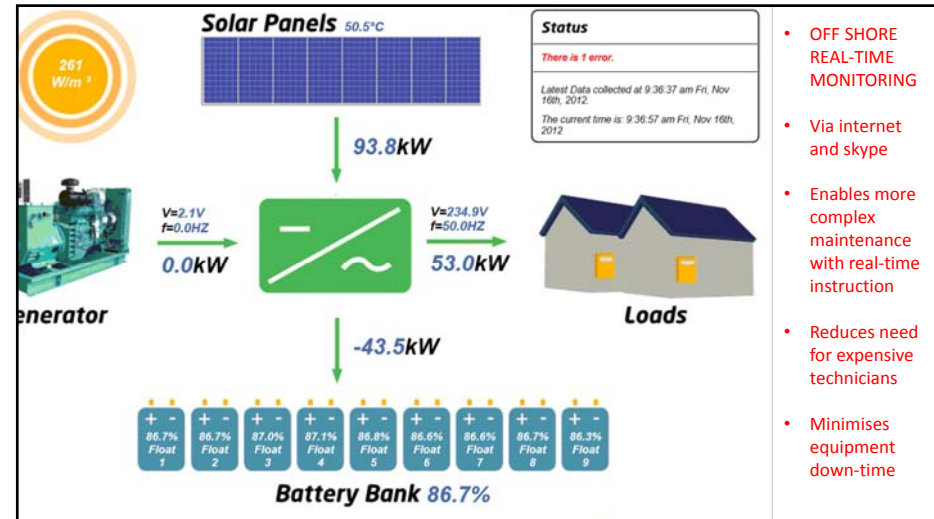
## Tokelau power benefits over time

Pre-2003	Since 2003	Since 2011/12
<ul style="list-style-type: none"> <li>• Diesel generators in each of the three villages</li> <li>• Only a few hours' electricity each day for consumers</li> </ul>	<ul style="list-style-type: none"> <li>+ 11,000 volt system provides electricity 24 hours a day, 7 days a week</li> <li>+ Quality of life greatly improved</li> <li>- Large carbon footprint</li> <li>- Strain on economy</li> </ul>	<ul style="list-style-type: none"> <li>+ Solar mini grid system in each village</li> <li>+ Connects to existing 11kV grid</li> <li>+ Quality of life further improved</li> <li>+ Small carbon footprint</li> </ul>





Backup generator use (eg cloudy days)



- OFF SHORE REAL-TIME MONITORING
- Via internet and skype
- Enables more complex maintenance with real-time instruction
- Reduces need for expensive technicians
- Minimises equipment down-time

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**TOKELAU: Leading the world in renewable (solar) energy**

- + Powers modern technology in education, health, construction, maintenance
- + Affordable daily home use
- = Much improved quality of life

**..... Encouraging the world towards sustainable renewable electricity:**

**Solar – it's perfect for Small Island Developing States!**

Thank you – questions?

**TOKELAU**

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