

# Installation Case Study: 006

National Solar Schools Program

# AllSolus

The background of the slide features a stylized cityscape with various skyscrapers in shades of blue and green. A large, light grey sun is partially visible in the upper right corner, with a cluster of yellow dots representing solar rays. On the left side, there are several blue circles of varying sizes, resembling bubbles or solar particles. The AllSolus logo is prominently displayed in the center, with the word 'All' in black and 'Solus' in orange.

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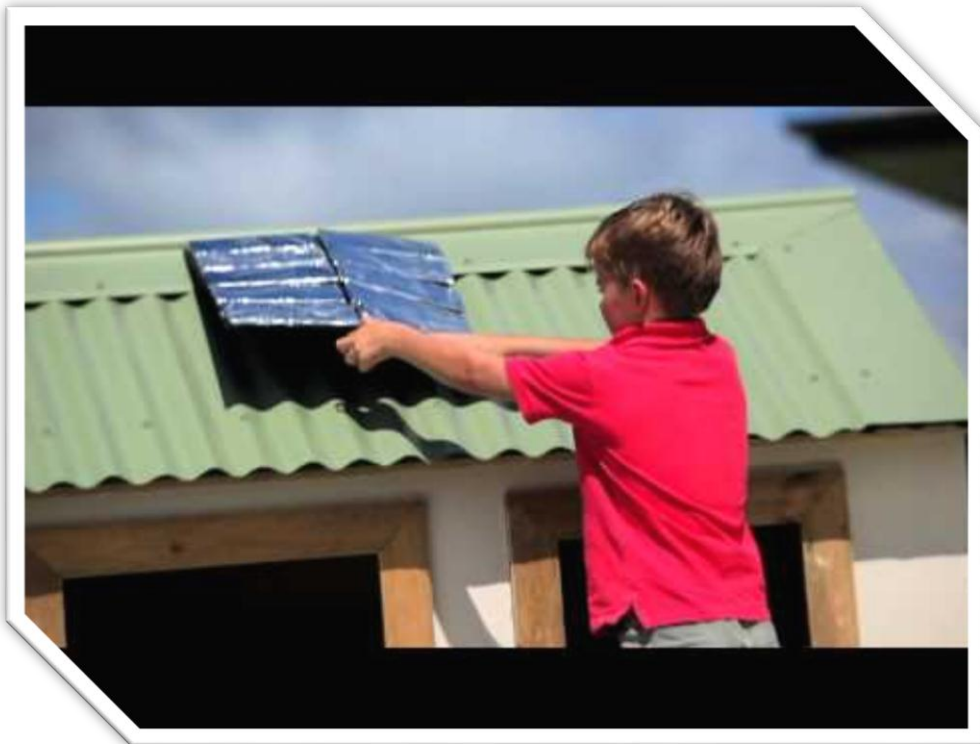
## National Solar Schools Program

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The National Solar Schools Program (NSSP) was a Commonwealth Government initiative that provided grants of up to \$50,000 for solar and other renewable power systems, solar hot water systems, rainwater tanks and a range of energy efficiency measures including insulation, energy efficient lighting and ceiling fans.

#### Prime Objectives

- Schools to generate their own electricity from renewable sources;
- Improve their energy efficiency and reduce their energy consumption;
- Adapt to climate change by making use of rainwater collected from school roofs;
- Provide educational benefits for school students and their communities through data capture for use in educational programs;
- And support the growth of the renewable energy industry

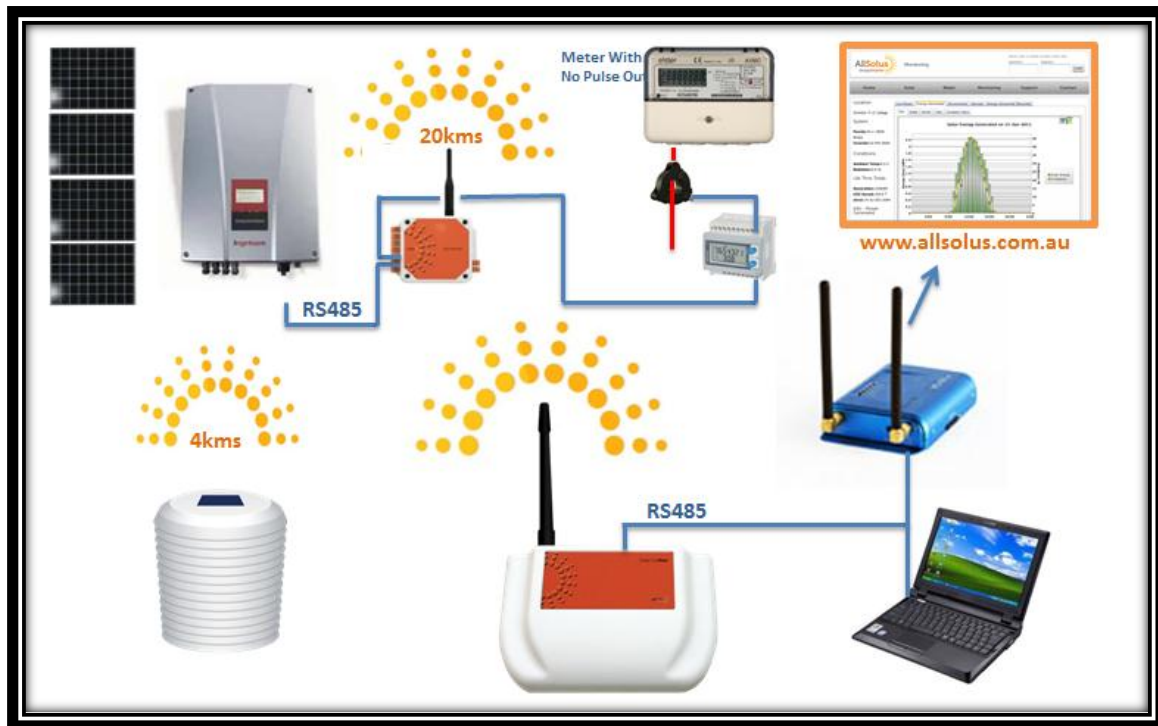


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The AllSolut Monitoring System was used extensively around the country for the National Solar Schools Program due to its superior long range wireless ability, Modularity of design, ability to connect to a Next G modem, Environmental monitoring capability and comprehensive web portal.



With over 400 Schools connected to an AllSolut data monitoring solution, AllSolut is at the forefront of assisting Schools all over Australia with education on Climate Change, Power generation and Energy efficiency, Helping our Next generation to understand and appreciate the importance of preserving our precious natural resources.



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Schools can at a quick glance see how other schools are performing, look more closely at their own data, using their findings to compare and understand their Results. Some schools have been know to compete with each other, using the real time data to see who can reduce their energy consumption the fastest and maintain a reduced base load.

The image displays three overlapping screenshots of the AllSolut Monitoring web interface. The top-left screenshot shows the login page with a navigation menu (Home, Solar, Water, Monitoring, Support, Contact) and a sidebar with system details for 'Rigby House'. The top-right screenshot shows a 'Live Power' view with a line graph of 'Power in kW' over time, two circular gauges for 'Solar Power Generating' (77.3 kW) and 'Grid Power Importing' (0.00 kW), and a summary of 'CO2 Saved: 81.9 kg/Hr'. The bottom screenshot shows a 'Year's total energy generation' view with a bar chart of monthly energy production from Sep 2013 to Sep 2014, totaling 222,933.7 kWh, which equals 236.31 Tonnes CO2 Saved.

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