

Fort Street Environment Program Overview

Renewable energy sourcing

PV Solar energy

More panels on the Wilkins building

Wind Turbine (dependent)

If anemometer readings are favourable, a wind turbine in between the Wilkins and Kennards buildings

Green energy

Purchased to make up the remaining un-renewably sourced power

Resource efficiency

Energy efficient lighting/general energy efficiency and or occupancy sensors/daylight dimming (preferable)

Investigation into LED lighting capabilities and occupancy sensors etc. Also includes automatic computer turn-off

Water – recycling and conservation

Recycle black, grey and drinking water, dual flush toilets, waterless urinals and spring-loaded bubblers

Other recyclable material facilities

Recycling bins for cans, PET plastics and foam in the playground

Paper resources

Recycled paper uniformly used, double sided printing made accessible to all and staff photocopying behaviour

Mobile muster/printer cartridges

Hold a bring-in-your-old-mobile day for recycling, this could also include old printer toners/cartridges

Ecology and physical environment

Community garden

Develop the empty block of land on Palace St for gardening. Food technology and community usage. Collaboration with the 1959 old boy's present to the school

Bush regeneration

Native replanting of un/disused school ground to help replenish the local ecology

Human resources

Behavioural changes

This includes encouraging turning off lights and appliances, use of cross-ventilation and blinds, fans etc. Implemented through assembly addresses, interesting posters and other creative means.

Activism

This is environmentalism on a larger lobbying scale. Includes political lobbying, petitions and forums.

Funding

Public Facilities Program

(<http://www.environment.nsw.gov.au/grants/ccfpfp.htm>)

National Solar-Schools Program

(<http://www.environment.gov.au/settlements/renewable/nationalsolarschools/index.html>)

Schools Energy Efficiency Program

(<http://www.environment.nsw.gov.au/grants/ssep.htm>)

Urban sustainability program

(<http://www.environment.nsw.gov.au/grants/urbansustainability.htm>)

Around \$10 million dollars to be handed out to projects state-wide. The last round (round 1) gave an average of \$210 000 to each project. Project costs ranged from \$10 000 to \$1 million. The subjects of the projects ranging from bowling clubs to council stormwater catchments.

The National Solar-School Program gives money to renewable energy programs and energy efficiency/saving programs. Each school is allocated a total of \$50 000.

This program offers the most resources of all the funds however the least money. Each school is allocated a Student Savings Fund — up to \$18 000 per high school for “students to select and fund their own energy efficiency projects”.

We also receive access to our school's electricity meter via the internet, supply of simple monitoring equipment access to a ‘program officer’ who can provide technical support to teachers and students.

This is a much harder fund to access because it is handed from state to local government only on application from the local government. This means we can apply to the local government, but this may only be successful if it has applied to the state government.

Useful internet sites

Sydney Morning Herald Environment News

(<http://www.smh.com.au/environment>)

Powershift 2009

(<http://www.youthclimatecoalition.org/powershift/word-press/>)

Australian Youth Climate Coalition

(<http://www.aycc.org.au>)

Australian Conservation Foundation

(<http://www.acfonline.org.au>)

Good page to keep updated on the latest environment related happenings.

Home site for the Powershift 2009 event. Will have updates on registration, venue etc.

The organisation behind Powershift. Links environment committees and organisations under one name. It would be good to (as the FSHS environment committee) join the AYCC.

Essentially a more powerful environmental organisation . Lobbys the government and promotes environmentalism by working with community, businesses and governments.