

**Adopted:** October 2001

**Review Date:** August 2018

**Reviewed and Amended:** June 2015

## Energy Efficiency

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### RATIONALE

To responsibly manage energy & resource use at the school and implement energy efficiency and energy conservation measures throughout our buildings and equipment as far as is practicable. Special attention is to be paid when new equipment is being purchased and when buildings are renovated or new buildings are planned.

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### AIMS

- To buy energy at the most economic cost
- To conserve energy as far as is practicable
- To install the most efficient equipment that is cost effective
- Reduce energy related greenhouse emissions
- To foster recycling practices
- To foster practices that discourage waste.

### IMPLEMENTATION

- Review energy supply contracts from time to time to ensure that the most cost effective supply and fuel mix is obtained and used in the school.
- At the time of equipment purchase, select the most suitable and cost effective equipment, while paying special attention to balancing energy efficiency and life time energy operating costs against capital costs.
- Use equipment in a way that minimises energy waste (eg use of time clocks and occupancy sensors where practical, involve teachers and students in a "turn off the lights in empty rooms" program).
- Set thermostats, where possible, for comfortable summer and winter conditions.
- Install efficient lighting systems wherever practical, especially those in use for long hours (eg security lighting).

## Buln Buln Primary School Policies and Procedures

- During revision of the school master plan, consider aspects of solar access and orientation of buildings to maximise energy efficiency (maximising north facing glazing while minimising east and west glazing).
- When major works are being undertaken, consider natural energy aspects and energy efficiency measures for building shells (passive solar design) and incorporate these into the design wherever possible. Call on specialist assistance where necessary.

### EVALUATION

**This Policy will be reviewed as part of the school's review cycle.**

Encourage the discussion of energy accounts and energy efficient ideas at staff meetings, Parents' Club and School Council.

School council will convene an energy working group from time to time to review school energy use data and consider specific energy conservation and energy efficiency proposals for the school.

Establish a system which documents estimated cost and energy savings achieved and which can provide energy information to those who need it in a form which supports managerial decision making on energy related issues.