

**TREVIGLAS COMMUNITY COLLEGE****Energy Management Policy****Introduction**

The College continues to recognise that the consumption of fossil fuels has a negative environmental impact from the emissions of carbon dioxide (CO<sub>2</sub>) and the depletion of non-renewable resources.

The College is committed to managing energy as both a social and financial imperative.

**Our Aim**

Our overall aim is to reduce cost through energy efficiency and more importantly energy consumption both technically and operationally. We intend to use locally located suppliers wherever possible, in terms of plant and also suppliers of products.

How we will achieve this:

- 1 Monitor all energy used on site and reduce this where ever possible and by engaging staff and students to do the same
- 2 Install over time low cost efficient systems eg Biomass Heating and LED lighting
- 3 Manage our systems effectively and always be aware of savings which can be made
- 4 Maintain awareness of emerging low carbon technologies and be able to communicate their benefits
- 5 Seek funding from wherever possible to implement these changes
- 6 Regularly review our position on energy
- 7 Review the use of equipment throughout the college, eg heaters, toasters, fridges, kettles, etc on an annual basis

**Energy Specific Objectives:****1) Responsibility**

The overall responsibility lies with the Headteacher. Day-to-day energy management responsibilities lie with the Director of Finance and Business, Site Supervisor and Energy Management Team working in conjunction with the policy.

Policy, strategy and targets for energy management will be the responsibility of the Energy Team that consists of:

Director of Business & Finance  
Site Supervisor  
Network Manager  
Martin Spry  
Keith Lewis (Lead Teacher)  
Student Team

The Energy Team will meet quarterly to review progress, plan initiatives and prepare an annual energy report for submission to the Governing Body. The Headteacher and lead teacher have a responsibility to ensure that teachers set a good example to students who can also make a significant contribution to end-use energy efficiency.

**2) Energy Selection and Purchase**

Energy purchase has been undertaken through Cornwall Council but will in the future be under the remit of the college. The Site Supervisor will check invoices monthly against meter readings for gas, electricity and water.

### **3) Energy Information**

Electricity, gas and water meters will be read monthly and closely monitored against expected usage.

Abnormal consumption will be investigated and corrective action taken. Each year, realistic energy reduction targets will be set and monitored each quarter. Targets will be set relative to national published benchmarks.

### **4) Maintenance**

Energy conversion plant, distribution systems and energy using equipment will be correctly maintained to avoid energy and water wastage. All energy time controllers will be checked and reset, if required, weekly.

### **5) Awareness**

The College will adopt a whole college approach involving everyone associated with the college.

Regular awareness initiatives for staff and students will emphasise the cost and environmental benefits of saving energy and water and how to avoid waste. Energy saving information will be provided to catering and cleaning staff. Staff and students will also be provided with information on how to save energy at home.

Energy Co-ordinators (staff & students) will be appointed with checklists for good housekeeping initiatives.

### **6) Curriculum & Community**

The National Curriculum will be reviewed annually, using literature from established and proven resources, to ensure that the energy element is built into syllabi, where possible, at appropriate levels.

The College wishes to lead energy efficiency within the wider community of primary schools and the public.

### **7) Investment in Energy Efficiency**

The College aims to invest in energy saving schemes. Savings achieved by good housekeeping measures will be reinvested in additional energy efficiency projects.

Where available, grants will be sought to improve energy efficiency and renewable energy generation. An energy survey of the college will be updated annually with costed proposals.

The College will make use of any grant schemes available to improve its overall energy efficiency and install where appropriate on site generation systems.

### **8) Design**

Energy efficiency will be taken into account in the design of new building projects and during any refurbishment.

Energy efficiency will be considered in the purchase of all new equipment e.g. computers, catering appliances, boilers etc.

### **9) Reporting**

An annual energy performance report will be prepared by the Energy Team and submitted to the Governing Body. A summary and a whole college energy target will be incorporated into the College's newsletter, web site and improvement plan.

### **10) Policy Review Mechanism**

This policy will be reviewed and updated annually by the Energy Team. The review will include an evaluation of progress against the national benchmark energy matrix