

Be part of the
SOLARGENERATION²⁰¹⁰



Picture: 14kWp Solar PV on St Columb Minor School

10% REDUCTION IN CARBON DIOXIDE
20 THOUSAND INSPIRED YOUNG PEOPLE
50 CORNISH SCHOOLS WITH 50% FUNDING
100% COMMITMENT TO A SUSTAINABLE FUTURE



6kWp Solar PV on Upton Cross Primary School

WHY GET INVOLVED ?

Cornwall Council have secured Government Funding from the Low Carbon Building Programme PHASE 2 to cover 50% of the installation costs for SOLAR PV systems for 50 schools throughout Cornwall and are considering ways to provide further support. This is the largest deployment of solar PV anywhere in the country!

Solar photovoltaic (PV) power is a clean, green infinite source of renewable energy. Solar PV is silent, has no moving parts, requires virtually no maintenance and has a 25 year guaranteed lifespan. The long-run income and benefits far exceeds the short term costs. The 50 schools will save over 10,000 Tonnes of Carbon Dioxide and approximately £4million during the 25 year solar panel life.

**THE SOLAR POWER GENERATION 2010 PROJECT WILL:
COMBAT CLIMATE CHANGE • SAVE MONEY • SECURE ENERGY PRICES
• HIT SUSTAINABLE SCHOOLS TARGETS**

EDUCATION... EDUCATION... EDUCATION

The solar power installation will serve as a focal point for a much larger multi-media education project to combat climate change that will include:-

WORKSHOPS - Workshops, assemblies and outreach events to involve the whole Community.

VISUAL DISPLAY - A large LED visual display in the entrance hall to raise awareness of sustainable energy.

DATA LOGGING - Full data logging onto your internet site to provide a valuable education resource, allowing you to integrate your solar power information into the national curriculum.

EDUCATION - The Eden Project are involved in developing a comprehensive teacher training and education package to inspire action to combat Climate Change.

ENERGY AUDIT - Cornwall Council Energy Managers will be working alongside Low Carbon Futures to undertake a full energy audit of the school and develop a school action plan to reduce energy use.

COMMUNITY - Community Energy Plus will assist in inspiring pupils to educate their families about energy efficiency in their homes and offer advice about combating fuel poverty and grants available to families.

MULTI-MEDIA PACKAGES - CREATIVE multi-media packages will be produced including a dedicated website, booklet and DVD.

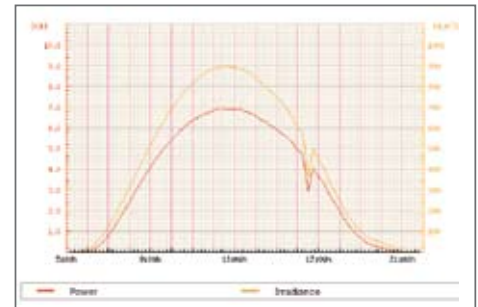
CONFERENCES - Two large conferences will be organised to disseminate best practice, one for pupils and one for teachers.

RESEARCH - Research and monitoring with Undergraduate Students from the Combined University for Cornwall to assess the impact of the installations. The results will be used to inspire action on a National and International level.

GLOBAL EDUCATION - A framework is being developed with GlobalEd to link Schools in Cornwall with Schools in Peru, for more information visit www.globaled.org.uk



Exhibition display at Drake Primary School measuring 3m tall by 1.5m wide.



Data logging graph showing solar power compared to sunlight levels.

ST COLUMB MINOR SCHOOL - Case Study

"As a school we have embraced renewable energy to reduce our school's carbon footprint, save money and educate our pupils, their parents and the wider community. I believe that a Solar PV installation can inspire and motivate pupils and staff to implement Education for Sustainable Development in their schools and assist them in becoming Sustainable Schools by 2020. Get involved! We can all make a difference."

Gill Harper, Business Manager St Columb Minor School.



LED Display showing solar power being made and carbon being saved.

PROJECT PARTNERS



We believe that now is the time for leadership and action to demonstrate the way forward. A serious gear change is required if we are to face up to the challenges presented to us by climate change. Whilst the obstacles are great, the opportunities for positive growth are enormous!

The binding target of reducing Carbon Dioxide emissions by 80% by 2050 will have to be achieved by the young people that are now in school. They will need the knowledge, skills and enthusiasm to make the changes required.

The aim of SOLAR GENERATION 2010 is to educate and inspire 20,000 young people in 50 Cornish schools to reduce their Carbon emissions by 10% in 2010.

This will be achieved by a SOLAR POWER installation and energy efficiency measures combined with a comprehensive multi-media education package. The result will save money and Carbon Dioxide and most importantly create an inspired generation that can guide us all into a sustainable future.

If we all work together we can make a massive difference.

Be part of the SOLAR GENERATION 2010.



20kWp Solar PV on St Just Sports Centre

Get in touch for further information

Andy Tanner - Managing Director

Plug into the Sun, Unit 5E Longrock Industrial Estate, Penzance Cornwall TR20 8HX
Tel: 0844 800 9512 Email: info@plugintotheshun.co.uk www.plugintotheshun.co.uk

Paul Holman - Energy Manager

Cornwall Council, Helford House, Threemilestone, Truro, Cornwall TR4 9LD
Tel: 0300 1234 100 Email: pholman@cornwall.gov.uk

