



Carbon Neutral Computing for Canadian Schools



Organizations across the globe have taken on the challenge of going **carbon neutral**. Everybody from the Olympics to the Rolling Stones has made a commitment to reduce their net climate impact. **BlueCurl** is offering a unique program designed for schools with the goal of eliminating the carbon footprint caused by computer use.

Computers are Polluters

Computers are an invaluable learning tool for teachers and students; but while integral to the modern learning process, they are a major source of unnecessary energy waste and pollution. Approximately 1 ton of CO₂ gas is produced by the electricity generation required to run a standard PC for 10,000 hours. For example, 30 standard PCs in a school computer lab running 8 hours a day for one school year (190 days) would generate 5 tons of CO₂. BlueCurl can reduce the carbon output of PC operation, quite simply, by reducing the number of PCs. Replacing high energy consuming PC boxes with smaller and more efficient access terminals, which utilize the untapped processing power of a host PC, will cut the electrical consumption in a computer lab by up to 90%. Less energy will then be required to cool the labs since the access terminals run much cooler than standard PCs, further reducing carbon emissions. The remaining carbon output can then be offset by planting enough trees to process it, or by purchasing carbon offsets from a reputable provider.

To help realize this ambitious program, BlueCurl has enlisted the help of HP Canada and the SEEDs Foundation

HP is a global leader in developing energy-saving technologies and manufactures one of the most energy efficient PCs on the market today. Fortune Magazine recently recognized HP's efforts to minimize environmental impact by naming them one of the "Ten Green Giants" in April 2007.



For the past 30 years, the SEEDs foundation has been supporting Canadian educators in bringing awareness to students of their personal and societal responsibility for energy, sustainability and the environment. Their Green School Program encourages students to take action in the fight against climate change.



For more information visit us at www.bluecurl.ca or call toll free at 866 533 9634