

**On December 13, 2007**

**Minneapolis Community & Technical College (MCTC) President Phillip Davis signs of the American College & University Presidents Climate Commitment**

***Sustainability***

Ecologically sound, economically viable, socially just, over the long term (Cathy Geist)

***Emissions Neutrality***

To bring our global warming emissions down to zero by offsetting it within a generation

**Minneapolis Community & Technical College Reducing Energy Use in Our Daily Work: Best practices for Energy Conservation:**

***Keep the shades open during the day (day lighting).***

***Always turn off the lights when leaving the room.***

***Turn off your computer monitor when not in use. Turn off computer when you leave your office.***

***Keep doors closed during class time. Provides best heating/cooling conditions based on the design of the system***

***Close the shades before leaving for the day (winter).***

***Keep windows closed during the heating/cooling season for system to operate at peak performance with most efficiency.***

***Report too hot/cold conditions***

**Jim Giebel, Energy Efficiency Coordinator, Saint Paul Public Schools, 8/23/07**

**Short-term and long term projects that have already been initiated on campus include:**

***Upgraded outdated chiller/boiler with high efficiently equipment and state of the art energy management system***

***Implemented a discounted bus/rail pass for students with a college subsidy to encourage public transportation, More than 1,000 students participated Fall Term, 2007***

***A web site newsletter will be established as an educational tool for students, faculty and staff on green initiatives***

***New green purchasing guidelines are being explored***

***In collaboration with students, faculty and community organizations, the college will explore a rain garden on MCTC property during 2008.***

***A baseline emissions inventory will be completed in 2008. A summary report will be prepared with the result and an explanation of the findings.***

***A baseline study of the amount of trash generated per month has been completed and an improved recycling program has been implemented.***

***Student clubs have been taking a leadership role to promote the improved recycling program at MCTC.***

***The instructional unit will investigate additional program majors in the areas of environmental technology***

***The college strives to meet or exceed LEED Silver in all our construction projects.***

***The college is exploring opportunities to build a green house on our campus for instructional program learning.***

# Emissions Baseline

## Campus Carbon Calculator v5.0

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### Greenhouse Gas Inventory Calculation, Summary, and Analysis Workbook

[www.cleanair-coolplanet.org](http://www.cleanair-coolplanet.org)

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## **Waste Reduction**

### **Three Waste Streams**

#### ***Trash – Dry Waste***

**Ramsey County tax 17%, State Tax 53% Total tax 70%**

**Compactor on-site: Reduces expenses \$1200 per month by reducing trip charges**

#### ***Recycling – Co-mingled***

**Compactor onsite: Generates revenue**

#### ***Food Waste – Wet Waste (not taxable)***

**Two Culinary arts Programs: Collect food waste back of house**

**One food Service Contractor: Collect Food Waste back of house**

**Front of house: Capture food waste for composting**