Quick Carbon Calculator

Action	Pounds you can lose annually by doing this action	Dollars saved per year by doing this action	I Pledge to take this action!	Multiplier (Pledged amounts)	Total Pounds of CO2 Saved	Total Dollars Saved
Sample: *Switch one load of laundry per week to cold water.*	*100*	*$18.58*	***__2_ # of Loads per week***	***2***	***200***	***37.16***
Switch one load of laundry per week to cold water.	100	$18.58	_____ # of Loads per week			
Reduce one load of laundry per week from the dryer.	260	$48.30	_____ # of Loads per week			
Replace 5 incandescent light bulbs with 5 CFLs.	500	$26.40	5 CFL's			
For each additional CFL add 100 pounds and $5.28.	100	$5.28	_____ # of additional CFLs			
Power on and off your TV and accessories through a power strip.	600	$30.00	_____ # of power strips			
Install a low-flow shower head.	250	$20.00	_____ # of shower heads			
Get your car serviced and keep your tires properly inflated.	1500	$200.00	_____ # of cars			
Replace or clean the Air Conditioner filter as recommended**	350	$90.00	Yes, I will maintenance my air conditioner			
Raise your thermostat for the air conditioner by 4 degrees**	80	$72.00	Yes, I will raise my thermostat 4 degrees in the summer			
				Total for your household		
				What if 100 households did this?		
				What if 10,000 households did this?		

Information from: Low Carbon diet: A 30 Day Program to Lose 5,000 Pounds by David Gershon.

* Avg 20 mpg before tune up. Tune up saves an average of 4% per mile. 4%x20mpt=0.8 mpg. Tire inflation saveas an average of 3% per mile. 3% x 20 mpg=0.6 mpg. Total of 1.4 mpg saved. The average car travels 15,000 miles per year and gasoline costs $4.00 per gallon. So, before the tun up and tire inflation the gasoline cost of this car was 15,000 miles / 20 mpg-750 galons x $4.00 = $3000. With proper tune up and tire inflation, improved mileage would be 1.4 mpg. So, 15,000 miles divided by 21.4 is 700 gallons x $4.00 is $2,800, a savings of $200 per year!

** Ameren CILCO says an average Central Illinois home is 2,000 sq feet and uses 866 kWh per month which gives Approximately 1,300 pounds of CO2 per month. Assuming the average monthly utility Bill for electricity is $150 per month, annual expense Would be $1800 (150*12). Replacement/cleaning of the AC filter saves 350 pounds per year, an average of 5% ($1,800*5%=$90.00). Thermostat savings saves 20 pounds per month, approx 80 lbs per year and an average of 3% to 5% ($1800 * 3%= $54.00, $1800 * 5%=$90.00, avg of thoe is $72.00) $74+$90=$162.