An Orange Goes Green Initiative!

City of Orange

Don't Be A Lemon In Orange

Changing your driving habits is a big part of being green! Environmental responsibility is not as hard or costly as you might think. If you make small changes in your daily automotive use, you will make a huge difference in your community.

- The U.S. is the largest single national source of fossil fuel-related CO_2 emissions with per capita values in excess of 5.3 metric tons of carbon per person.[1]
- 77% of national carbon monoxide emissions are linked to mobile sources.[2]
- Orange County ranked 47th in the nation in carbon dioxide emissions among the 3,141 counties studied in 2002.[3]
- From 1980 to 2005, the average daily number of vehicle miles traveled (VMT) in the South Coast grew by 144% (Orange County 172%), while population had only grown by 51% (Orange County 57%).[4]
- Price of crude oil (in $ per barrel) increased 260% from 2004 to 2008.[5]

Source: [1] Carbon Dioxide Information Analysis Center (CDIAC)(2007). [2] U.S. Environmental Protection Agency (EPA)(2005). [3] Robbins, G., *OC Among Nation's Top Producers of Greenhouse Gases*, OC Register, April 17, 2008. [4] California Air Resources Board (CARB), ARB Almanac 2008. [5] Energy Information Administration (EIA) Short Term Energy Outlook (October, 2008). Logo TM ESRI® Enviro Hazard Analysis (2009).

Green Automotive Tips

Drive smart! – Avoid fast starts and hard breaking. You'll save the air and money. You can also save by combining car trips and eliminating unnecessary trips. Reducing your vehicle miles traveled will further curb smog pollution, thus limit our regional heat-spells.

Be a responsible owner! – If you own a car, maintain efficient exhaust emissions by keeping your car tuned and replacing your air filters, as needed. It is also important to check your tire pressure once every couple weeks. Under inflated tires can effect tire wear as well as gas mileage. The AQMD reported that older vehicles and those improperly maintained emit *at least 20 times more pollution* than newer models in good working order.

Wash your car…Not the gutter! – When washing your car, use spray nozzles and buckets. Don't let the hose run one of our most precious resources down the drain.

Drive like you mean it – If you are shopping for a new car, consider a low horsepower, high miles per gallon model, such as a hybrid. Start here: http://aqmd.gov/CleanAirChoices/2009CAClist.pdf

Be fuel-efficient! – Warm your engine before driving to avoid inefficient "Cold Starts." In addition, fueling during the day increases smog by exposing pump vapors to the heat of the sun. Besides, gas expands with heat, so filling your tank in the evening will also help you save at the pump.

Cut back on your gas bill! – Try green commuting at least once a week, such as carpooling, public transportation or a peddle-bike, if you're close. Try taking the train or bus. Metrolink and Amtrak offer commuter passes and convenient pick-up/drop-off times at the Santa Fe Depot Train Station in Orange. OCTA buses also serve locations throughout Orange. If you are an infrequent driver, investigate car-share programs at work or in your community. You'll save a bundle on gas, insurance and maintenance.

Dumping is hazardous and illegal – If you have old car batteries, oil and filters, tires, or any number of automotive and household wastes, please use the Household Hazardous Waste (HHW) program. Schedule a pick-up by calling toll-free at (800) 449-7587 or (714) 834-6752, or register on-line at www.oclandfills.com. Service is FREE, so please don't trash Orange.

Rebates and Other Incentives

Take advantage of rebates and incentives with your automobile! Most rebates have limited funding and are provided on a first come first serve basis. Please check with the rebate agency or utility service provider for more information on the latest programs and always file rebate requests in a timely

Santa Fe Depot at Chapman (2008).

Provider	*Program*	*Rebate / Incentive*
South Coast Air Quality Management District www.aqmd.gov/aqmd/funding.html	Old-vehicle scrapping	Price is set by Scrapper and based upon model year

Resources

- South Coast Air Quality Management District - Source for programs, rebates and news. www.aqmd.gov
- DriveClean – California's guide to clean and efficient technology.
  www.driveclean.ca.gov/index.php
- FuelEconomy – Find your car's energy efficiency score and other helpful automotive resources.
  www.fueleconomy.gov
- Orange County Transit Authority – Get bus schedules and bike/trail maps for Orange County.
  www.octa.net/routes-and-schedules.aspx
  www.octa.net/bikeways_map.aspx
- Consumer Reports www.consumerreports.org/cro/index.htm
- Plan trips using all available public transportation:
  www.google.com/transit
- Get an Metrolink rail schedule:
  http://209.79.237.36/?play_at=map
- Get an Amtrak train schedule:
  www.amtrak.com/servlet/ContentServer?pagename=Amtrak/HomePage
- Find local rideshare programs:
  www.ridematch.info/service.asp
- Calculate how much you can save by taking public transportation:
  www.publictransportation.org/contact/stories/calculator_08.asp
- Calculate the cost comparison of driving alone vs. carpool:
  http://commutesmart.info/costcalculator/index.asp
- Calculate how many pounds of carbon emissions your traveling habits produce:
  www.travelmatters.org/calculator/individual
- Calculate the calories you could burn by walking or biking:
  www.healthcalculators.org/calculators/calories_burned.asp

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