In August, SCAQMD was awarded three grants totaling more than $60 million from the U.S. Department of Energy (DOE) through programs funded under the President’s economic stimulus bill, the American Recovery and Reinvestment Act. The first, a $45.4 million grant will be used by SCAQMD to accelerate the development of U.S.-manufactured next-generation batteries and electric vehicles, while the other two grants, totaling $5.6 million and $9.4 million, will help speed the transformation of the region’s Liquified Natural Gas (LNG) infrastructure.

The largest award will help SCAQMD develop a fully integrated, production plug-in hybrid electric vehicle (PHEV) system for delivery trucks and shuttle buses. The goal is to produce a fleet of 378 PHEV vehicles which will be utilized by utility and fleet partners. More than 100 of these vehicles will be demonstrated in California with the remaining vehicles delivered for nationwide testing in daily long-term fleet use.

“This is a significant investment by the federal government and will help accelerate the development of cleaner, medium-duty work vehicles and reduce the amount of air pollution in Southern California as well as the nation,” said Barry R. Wallerstein, SCAQMD executive officer.

The $5.6 million award will help finance the completion of a long-planned 700-mile LNG fueling corridor along one of the nation’s most heavily traveled truck routes. This project will make the final connection between the existing LNG fuel infrastructure in Southern California and LNG fuel stations in Utah. The $9.4 million grant, meanwhile, will fund the purchase of LNG trucks to replace 180 diesel drayage trucks at the Ports of Los Angeles and Long Beach along with instruction for truck operators and technicians working on LNG trucks.

DOE estimates that this project alone will help displace an estimated 1.8 million gallons of petroleum annually.

For more information, contact Matt Miyasato at (909) 396-3249 or mmiyasato@aqmd.gov.
For the 21st year in a row, SCAQMD will be recognizing individuals and organizations for their contributions to clean air at the 2009 Clean Air Awards scheduled for Friday, October 2, at the Millennium Biltmore Hotel in downtown Los Angeles.

The 11:30 a.m. awards luncheon will honor Clean Air Award recipients from across the SCAQMD region for achievement in technology, transportation, community, public education and environmental stewardship initiatives. In addition, the Robert M. Zweig M.D. Memorial Award will be presented to a medical professional who has demonstrated commitment to improving public health by reducing air pollution.

Tickets to the Clean Air Awards in the Biltmore's Crystal Ballroom at 506 South Grand Avenue in Los Angeles are $40 per person or $400 for a table of 10 and can be reserved by calling (909) 396-2221.

For more information, contact Lourdes Cordova Martinez at (909) 396-3214 or lcmartinez@aqmd.gov.

SCAQMD Provides School Districts Millions To Replace Dirtiest Diesel School Buses

At its July meeting, the South Coast Air Quality Management District Governing Board awarded nearly $43 million to help school districts in the Southland purchase clean-burning compressed natural gas and propane buses to replace the dirtiest diesel school buses in their fleets.

Additionally, SCAQMD awarded more than $3 million to help school districts retrofit 176 newer diesel school buses with particulate traps to reduce diesel emissions.

“The number of school buses being replaced or retrofitted with this award is extraordinary and it’s a giant step toward our goal of cleaning up all school bus fleets in the region,” said William A. Burke, Ed.D., Chairman of the SCAQMD Governing Board. “This will help thousands of school children and their communities breathe a little easier.”

SCAQMD has been a leader in providing incentives to help replace older diesel school buses with cleaner buses. Since 2000, SCAQMD has approved $151.5 million to replace 925 older diesel school buses with cleaner models and retrofit 2,918 newer diesel buses with particulate traps.

For more information, contact Ranji George at (909) 396-3255 or rgeorge@aqmd.gov.

Clean and Classic Vehicles Featured at Chino Corn Feed Run

On August 22, SCAQMD participated in the 7th Annual Chino Corn Feed Run. This community event drew more than 400 pre-1972 classic and custom vehicles. Proceeds from the event went to help local school children and neighborhood social services.

Among a field of exotic cars, trucks, motorcycles, historical stationary engines and diesel big rigs, SCAQMD showcased five alternative fueled vehicles. These included an all-electric BMW Mini Cooper, a Ford Escape hybrid, a compressed natural gas Honda Civic with a home refueling station, a hydrogen fuel cell Toyota Highlander and a plug-in Toyota Prius modified by Energy CS of Monrovia.

Event goers were able to test drive some of the vehicles and have their questions on new vehicle technology answered by SCAQMD Technology Advancement Office staff.

For more information, contact Alan Caldwell at (909) 396-3327 or acaldwell@aqmd.gov.
Thousands Attend South Pasadena Clean Air Car Show and Green Living Expo

On a hot, sunny day in July nearly 5,000 people attended the 3rd Annual Clean Air Car Show and Green Living Expo in South Pasadena. The event was a partnership between the City of South Pasadena and SCAQMD. A wide selection of current and next-generation alternative fuel vehicles were on hand. New to this year’s event were experts conducting seminars and workshops on living green in addition to screening films with environmental themes. Topics included electric transportation, smart gardening, composting, climate change and health effects of air pollution.

The SCAQMD booth was a popular spot for local residents as well as many dignitaries and elected officials. Some of the valuable information available included details on several SCAQMD programs, such as the Clean Air Congress and the Leaf Blower Exchange Program. People were enthusiastic to learn about SCAQMD’s new technology, a real-time particulate matter (PM) sampler. The event also featured a raffle of an electric lawnmower, an energy efficient washer, and a clean burning natural gas log set.

For more information, contact Alan Caldwell at (909) 396-3327 or acaldwell@aqmd.gov.

Healthy Air – Healthy Communities Family Fair

Over 500 San Fernando Valley community members and members of the Valley Interfaith Council gathered for the Healthy Air - Healthy Communities Family Fair on July 12th, which featured environmentally friendly workshops and exhibits.

Residents learned about clean technology and alternative fuel vehicles, the health impacts of air pollution, and tips on how to improve air quality and to live a ‘greener’ life. Two electric lawnmowers were raffled off to promote SCAQMD’s Lawn Mower Exchange Program.

Many elected officials attended and spoke at the event. Dozens of exhibitors promoted green programs that support clean technology and healthy living. The event was brought to San Fernando Valley residents by the Clean Air Congress, the SCAQMD’s community-based outreach program, and the Valley Interfaith Council.

For more information, contact Anupom Ganguli at (909) 396-3185 or aganguli@aqmd.gov.

New Perspectives on Community Health and Air Quality Conference Highlights Health Impacts

On July 24, SCAQMD hosted the New Perspectives on Community Health and Air Quality conference at the University of Southern California. Noted medical experts, researchers, academics, and community members provided in-depth information about air quality challenges, technological solutions, and community action success stories. Several speakers shared moving accounts of personal experiences about the health impacts of air pollution.

The luncheon keynote speaker was Daniel Sperling, PhD, California Air Resources Board Member, Director of the Institute of Transportation Studies at the University of California, Davis and author of Two Billion Cars: Driving Toward Sustainability. The conference brought together community members, public health professionals, grassroots organizers, environmental activists, and residents of highly impacted environmental justice communities.

Copies of the speakers’ presentations can be accessed at the Clean Air Congress page on the SCAQMD website, www.CleanAirCongress.org.

For more information, contact Marc Carrel at (909) 396-3213 or mcarrel@aqmd.gov.
SCAQMD Testifies at EPA Hearing Regarding Marine Vessel Emissions

SCAQMD has taken an active role in the development of legislation and new regulations to address marine vessel emissions. Such vessels are a substantial source of emissions and until recently, have been mostly unregulated. In August, the U.S. Environmental Protection Agency (U.S. EPA) held a public hearing in Long Beach regarding its proposal to control emissions from large marine diesel engines on U.S.-flagged vessels. These engines are used primarily to power container ships, tankers, and cruise ships.

As part of SCAQMD’s continuing involvement in this issue, staff testified at the public hearing. In particular, SCAQMD is focused on ensuring that U.S. EPA’s proposed regulations result in emissions being controlled sufficiently and quickly enough for this region to meet federal clean air deadlines.

U.S. EPA is proposing emission standards that are equivalent to the nitrogen oxides (NOx) limits recently adopted pursuant to the International Maritime Organization’s (IMO) MARPOL Annex VI international treaty. U.S. EPA also proposed to IMO to limit the sulfur content of marine fuel oil to 1,000 ppm sulfur for use in U.S. waters. The IMO rules, would be generally applicable within 200 nautical miles of U.S. coastlines.

For more information, contact Peter Greenwald at (909) 396-2111 or pgreenwald@aqmd.gov.

New Environmental Justice Advisory Group Meets

SCAQMD’s Governing Board has formed the Environmental Justice Advisory Group (EJAG), which held its first meeting in May. The mission of the EJAG is to advise and assist SCAQMD in protecting and improving public health in SCAQMD’s most impacted communities through the reduction and prevention of air pollution. The EJAG is comprised of an ethnically and geographically diverse membership, with at least two members from each county and representatives from the most highly impacted communities within SCAQMD’s jurisdiction. The meetings provide an opportunity for members to share community updates, discuss policy issues and formulate recommendations that will help SCAQMD make meaningful and continuous progress toward the achievement of environmental justice.

To date, the advisory group has met twice and has considered topics such as the health effects of air pollution and the EJAG’s goals and objectives for their first year.

For more information, contact Anupom Ganguli at (909) 396-3185 or aganguli@aqmd.gov.

Entrepreneurs and Investors Connect at Green Tech Forum

Over 550 people attended SCAQMD’s Green Tech Connect Forum & Expo in August at the Pasadena Convention Center. The forum and expo represented one of four Helping Hand Initiatives for 2009 which were adopted by the SCAQMD Governing Board earlier this year to further support the local economy while keeping the region on a clear path toward clean air.

SCAQMD Governing Board Chairman William A. Burke, Ed.D. opened the conference by remarking “Californians don’t wish for better days – we work to make them better. Not unlike the spark that ignited the gold rush in 1848 this may be the spark that ignites the ‘Green Rush’ of 2009.”

The forum served to link clean technology companies and entrepreneurs with potential funding sources to help bring green technologies to the market faster and bring the region closer to clean air and a healthier economy.

Eleven technical sessions highlighted clean technologies at various stages of production, including those on the verge of commercialization. Attendees included emerging green technology developers, innovators and entrepreneurs, and government and private sector investors. Participants included over 40 major investment firms including some of the nation’s leading clean tech investor firms, “angel” fund investors and banks.

For more information, contact Lourdes Cordova Martinez at (909) 396-3214 or lcmartinez@aqmd.gov.
It’s easy, free, and your call is kept confidential. Simply call 1-800-CUT-SMOG, 24 hours a day, seven days a week. SCAQMD relies on people like you to assist us by reporting air quality problems. With more than 28,000 regulated businesses, SCAQMD needs your help in reporting smoking vehicles, excessive odors, smoke, dust and other nuisances. By calling in your complaint, you will help us protect air quality and public health.

For a free copy of the Making Air Quality Complaints DVD, send an e-mail to cleanaircongress@aqmd.gov or call 1-800-CUT-SMOG. You can also view it at www.CleanAirCongress.org.

For more information, contact Denny Shaw at (909) 396-2386 or dshaw@aqmd.gov.

Ask The SCAQMD Advisor...

**Question:**
How Do I Report A Suspected Air Quality Problem?

**Answer:**

It’s easy, free, and your call is kept confidential. Simply call 1-800-CUT-SMOG, 24 hours a day, seven days a week. SCAQMD relies on people like you to assist us by reporting air quality problems. With more than 28,000 regulated businesses, SCAQMD needs your help in reporting smoking vehicles, excessive odors, smoke, dust and other nuisances. By calling in your complaint, you will help us protect air quality and public health.

For a free copy of the Making Air Quality Complaints DVD, send an e-mail to cleanaircongress@aqmd.gov or call 1-800-CUT-SMOG. You can also view it at www.CleanAirCongress.org.

For more information, contact Denny Shaw at (909) 396-2386 or dshaw@aqmd.gov.

**Did You Know?**
Wood-burning creates approximately six tons of harmful fine particulate (PM2.5) emissions per day in the South Coast Air Basin. That’s more that four times the amount of PM2.5 emitted from all of the power plants in the area. Convert your wood-burning fireplace to a cleaner burning gas log set and save money. Take advantage of SCAQMD’s Healthy Hearths program. For details see the article below.

**Help Reduce Air Pollution**

**Receive $125 off the purchase of a gas-log fireplace set!**

Many of us use wood-burning fireplaces to keep warm or to relax at home. But did you know that harmful emissions from wood smoke causes four times more particulate pollution than all of the region’s power plants combined?

This is why SCAQMD created Healthy Hearths, a comprehensive program to reduce air pollution from wood smoke.

Homeowners may be eligible to receive $125 toward the purchase and installation of a healthier, cleaner-burning, gas-log set from the Healthy Hearths incentive program.

So go ahead...keep the fire burning – just choose the healthier option and save some green by going green!

Visit www.healthyhearths.org to check if you are eligible and to find a participating dealer.

Funds are limited and eligibility is on a first come, first served basis.

For more information, contact Michael Laybourn at (909) 396-3066 or mlaybourn@aqmd.gov.

**U.S. House Passes Major Climate Change Bill**

In March 2009, Rep. Henry A. Waxman (D-Cal.), Chairman of the Energy and Commerce Committee of the U.S. House of Representatives and Rep. Edward J. Markey (D-Mass.), Chairman of the Energy and Environment Subcommittee, released draft climate and clean energy legislation, known as the American Clean Energy and Security Act of 2009 (ACES), aimed at combating global warming. On June 26, the House passed ACES, which, among other things, would implement a cap-and-trade program to limit greenhouse gas (GHG) emissions. The bill creates emission caps to reduce aggregate GHG emissions from covered entities to 17% below 2005 levels by 2020, and 83% below 2005 levels by 2050. ACES includes provisions regarding renewable energy and energy efficiency, carbon capture and sequestration, clean transportation and transportation efficiency, and green jobs and worker training programs, among others. The bill is currently being considered by the U.S. Senate, which is expected to take action on this legislation this year.

SCAQMD has been actively engaged in the policy discussion surrounding this bill. SCAQMD efforts are focused on facilitating the reduction of GHG emissions within the South Coast basin, along with achieving simultaneous reductions of other pollutants, to continue to improve air quality throughout the region.

For more information, contact Philip Crabbe at (909) 396-2632 or pcrabbe@aqmd.gov.
The following proposed and amended rules and regulations are tentatively scheduled for hearing at upcoming Governing Board meetings. To verify whether scheduling changes have occurred, visit the AQMD Web site at www.aqmd.gov/hb/gb_cal95.html and check the Rule and Control Measure item on the Governing Board meeting agenda or call the Clerk of the Board’s Office at (909) 396-2500.

Copies of AQMD rules and regulations can be downloaded from the Web site at www.aqmd.gov/rules/rules.html or provided by AQMD’s Public Information Center, (909) 396-2039.

November

Rule 1111 - NOx Emissions from Natural Gas-Fired Fan Type Central Furnaces
The proposed amendments seek to establish more stringent emission limits for new natural gas-fired residential (and commercial) space heaters, which can be achieved through the use of low-NOx burners or other control technologies. For more information, contact Joe Cassmassi at (909) 396-3155 or jcassmassi@aqmd.gov.

Rule 1112.1 - Emissions of Particulate Matter from Cement Kilns
Proposed amendments may adjust the allowable concentration or averaging time for carbon monoxide emissions for gray cement kilns. For more information, contact Laki Tisopulos at (909) 396-3123 or ltisopulos@aqmd.gov.

Rule 1155 - Particulate Matter Control Devices
Proposed Rule 1155 seeks to reduce directly emitted PM emissions from various source categories through a variety of requirements, including but not limited to performance (particulate matter and opacity) standards, use of certified filtration devices, monitoring equipment, mandatory operation and maintenance plans to maintain optimum efficiency, and other control/operational options. For more information, contact Jill Whynot at (909) 396-3104 or jwhynot@aqmd.gov.

Reg. XX - Regional Clean Air Incentives Market (RECLAIM)
Proposed amendments will implement best available retrofit control technology (BARCT) for RECLAIM SOx emission sources. For more information, contact Joe Cassmassi at (909) 396-3155 or jcassmassi@aqmd.gov.

Rule 1193 - Clean On-Road Residential and Commercial Refuse Collection Vehicles
Amendments to Rule 1193 are being scheduled for purposes of improving the implementation of Rule 1193 and clarifying the requirements of private fleets as they operate under exclusive contracts with public entities based on recent U.S. Supreme Court and appellate court decisions. For more information, contact Dean Saito at (909) 396-2647 or dsaito@aqmd.gov.

Rule 2511 - Credit Generation Program for Locomotive Head End Power Unit Engines
Rule being developed to allow generation of PM mobile source emission reduction credits from Locomotive Head End Power Unit Engines. Credits will be generated by retrofitting engines with PM controls or replacing the engines with new lower-emitting engines. For more information, contact Randal Pasek at (909) 396-2251 or rpasek@aqmd.gov.

Rule 2512 - Credit Generation Program for Ocean Going Vessels at Berth
Rule being developed to allow generation of PM, NOx and SOx emission reduction credits from ocean-going vessels while at berth. Credits will be generated by controlling the emissions from auxiliary engines and boilers of ships while docked. For more information, contact Randal Pasek at (909) 396-2251 or rpasek@aqmd.gov.

Make a “Clean air Choice” When You Buy a Car

The Clean Air Choice program provides information to help you make personal transportation decisions that benefit the environment and improve air quality. Go to the SCAQMD website at www.aqmd.gov/cleanairchoices/2009caclist.pdf to check out low-emission vehicles for model years 2009 and 2010, which will help you identify clean air cars in dealer showrooms. The list includes a selection of popular styles of clean air vehicles, ranging from compact and full-size passenger cars to SUVs. For each vehicle, the estimated miles per gallon are listed, along with the carbon footprint that is based on driving the vehicle 15,000 miles per year.

For more information, contact Sam Atwood at (909) 396-3687 or satwood@aqmd.gov.
Nicole Mendoza joined SCAQMD in 2006 as an Office Assistant in Engineering and Compliance. Shortly thereafter, she was promoted to a Senior Office Assistant. Last year, Nicole came to Legislative and Public Affairs to be Secretary for Community Relations Manager Alan Caldwell. Alan appreciates her "meticulous and detail-oriented" work.

In July, Nicole married Eric Soto whom she calls "a big goofball," and honeymooned for a week in Cancun, Mexico. Nicole is dedicated to her family and friends. Every Monday, she enjoys taking care of her two young nephews. She plays softball every Thursday night in Chino, and also trains for marathons with other SCAQMD runners. Nicole has been vanpooling to SCAQMD from San Bernardino since 2006, and thinks it’s a great program. “It definitely has its perks. I can take a nap (when I’m not driving, of course) or even catch up on some reading," she said.

Nicole received her B.A. in Entrepreneurial Management and minored in Human Resources Management at California State University, San Bernardino. Initially, she thought of using her degree to start a business, but soon realized her true passion is human resources. She is particularly interested in recruiting, which she feels is a good match for her talents and career goals.

“I really enjoy working at SCAQMD. It’s a pleasure to be surrounded by such smart, hard working and genuine people.”

Ranjit Vishwanath interned at the Los Angeles County Air Pollution Control District in 1977. He liked it so much that in 1978 he became an inspector in the Industrial Compliance Division (the same year he got married). In 1985 Ranjit was promoted to Staff Specialist conducting new rule and regulation reviews and inspector training. Currently, Ranjit works in the Engineering and Compliance Division reviewing permit applications. In his 31 years of working at SCAQMD, Ranjit is quick to tell anyone the best part, “it’s the people that I work with, they’re great.”

Ranjit was born and raised in India where he received his B.S. in Engineering. He has two daughters who are doctors, and a son who is a mechanical engineer. When he’s not visiting his relatives and friends, he spends time golfing. He also enjoys cricket, a popular game he picked up in India. Every year, he goes back to visit his hometown of Hyderabad, India. Having visited every continent aside from Australia and Africa, Ranjit is well-traveled.

Ranjit is retiring in March of 2010. His plans are to go back to Hyderabad to oversee the construction of a five-story office building. He also plans on traveling throughout India. And of course, Ranjit will miss all the camaraderie and fun times with SCAQMD employees.

Yes, he’s back! You may remember him from his Air Quality Inspector days (1999-2001), but after an eight year hiatus from the SCAQMD, Tim Kobata has returned as an Air Quality Specialist in Planning Rule Development and Area Sources. His direct assignment is developing rules and regulations for toxic air contaminants. Where does one go for eight years you might ask? Disneyland, of course. Tim worked in transportation and safety for the Magic Kingdom, as well as the Los Angeles Unified School District. He also got married, traveled to the Philippines and the Hawaiian Islands.

Tim’s love for science and the environment led to an instant connection with the SCAQMD. “It really is great working for an agency that is so innovative and progressive, the SCAQMD really makes a difference in people’s lives and I love that.”

Before working at the SCAQMD, Tim received a Bachelor’s degree in Environmental Analysis and Design from the University of California, Irvine. Tim’s love for the environment stemmed from his many outdoor hobbies. On any given weekend you can find him fishing at the lake, camping in the mountains, body boarding at the beach, or even developing his photography skills.
Rule Compliance Promotion Classes

Rule 403-Controlling Dust in the South Coast Air Basin
- Every third Wednesday of the month
This half-day class is held at SCAQMD’s Diamond Bar headquarters from 8:30 a.m. to 11:30 a.m. There is no fee, but pre-registration is required.
To register, call toll free 1-866-861-DUST (3878) or email dustcontrol@aqmd.gov.

Rule 403.1-Controlling Dust in the Coachella Valley
- Every third Thursday of the month
This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 119, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee, but pre-registration is required.
To register, call toll free 1-866-861-DUST (3878) or email dustcontrol@aqmd.gov.

Rule 2202-Employee Transportation Coordinator Training
- September 17, University of California, Irvine
- September 30, Foothill Transit, West Covina
- October 7, SCAQMD’s Headquarters, Diamond Bar
- October 21, State of California, California Tower, Riverside
- October 29, Courtyard Marriott, Burbank
- November 5, Orange County Transportation Authority, Orange
- November 18, SCAQMD’s Headquarters, Diamond Bar
Classes are held from 8:00 a.m. to 5:00 p.m. Registration fee is $154.81 per person. Enrollment is limited to 20 students and classes will be filled on a first-come, first-served basis. Full information on these classes can be located on our website at www.aqmd.gov under Business/Transportation/Rule 2202 Training.
To register, call (909) 396-2777 or email etctraining@aqmd.gov.

Rule 1403-Asbestos Demolition/Renovation Activities
Classes are from 8:00 a.m. – 1:00 p.m., held in CC6 at the SCAQMD’s Headquarters, Diamond Bar. Registration fee is $32.75 per person and pre-registration is required.

Class dates:
- September 23
- October 14
- November 18
- December 16
To register, call (909) 396-2658 or email doswald@aqmd.gov.

Special Saturday Permit Assistance

SCAQMD is providing free permit assistance for all businesses on Saturday, September 26 and Saturday, November 14.
For more information call (909) 396-3385 between 8 a.m. and 5 p.m. Tuesday through Friday.