UNITING TO GO GREEN

The Cities and County of Los Angeles

Green Building Ordinance

The Beverly Hills City Council approved an **ordinance establishing a green building program** which incorporates aggressive environmental building techniques into the design, construction and maintenance of all new commercial, multi-family residential and mixed-use buildings in the City. The new requirements, effective July 7, 2008, will increase the energy efficiency of buildings, encourage resource conservation, reduce waste generated by construction projects, and promote the health and productivity of residents, workers, and visitors to Beverly Hills.

The ordinance creates a series of requirements for developers similar to the green building measures outlined in the US Green Building Council's LEED program (Leadership in Energy & Environmental Design). The City of Beverly Hills, however, has tailored the program to be more aggressive, mandating many items which are optional in the LEED checklist.

CITY ENVIRONMENTAL NEWS

THINK GREEN THINK CULVER CITY

By replacing diesel fueled vehicles with those running on clean-burning CNG, the City is significantly reducing toxic emissions from the air, namely particulate matter and nitrous oxides which have been proven to contribute to poor air quality and public health issues in our region. Culver City has been on the progressive alternative fuel path since 1996, and has won numerous recognitions and awards for its clean – green – fleet vehicle policies and operations. The Culver City Bus fleet operates 100% on CNG, and citywide, over 100 alternative fuel vehicles are in use across all City departments. Culver City is very proud to be doing our share for clean air!

CITY ENVIRONMENTAL NEWS

THINK GREEN THINK CULVER CITY

Culver City Public Works will support Earth Hour 2009, a global climate event led by the World Wildlife Fund. More than 240 cities around the world have already committed to go dark for one hour on March 28, 2009 at 8:30 p.m., as tens of millions of people from all corners of the world unite in a call for global action on climate change.

Green Building Program

Constructing and operating buildings requires enormous amounts of energy, water, and materials and creates large amounts of waste. Where and how they are built affects the ecosystems around us in countless ways. And the buildings themselves create new indoor environments that present new environmental problems and challenges. As the environmental impact of buildings becomes more apparent, a growing field called sustainable design is leading the way to reduce that impact at the source. Sustainable design is the practice of creating healthier and more resource efficient models of construction, renovation, operation, maintenance, and demolition. Increasingly, buildings incorporating sustainable design are called Green Buildings.

General Technical and Certification Assistance

Type of Assistance	Max Assistance
Design review assistance	$10,000 LEED
Certified (or similar level)	$15,000 LEED
Silver Certification	$20,000 LEED
Gold Certification	$25,000
Green building rater incentives	$6,000
Technical assistance and support	$10,000

Cash and other Incentives

- Incentives for Single Family Homes
- Incentives for Multi-Family Homes and Affordable Housing
- Incentives for Business, School, and Government Buildings

GWP Solar Solutions Program

Glendale *Water & Power* has expanded its Solar Solutions program to include all customer groups. Starting immediately, GWP provides cash incentives to all customers that install grid-connected solar photovoltaic systems. Systems must meet new project guidelines.

Cash Incentives to Go Solar

GWP's Solar Solutions Program provides up to $3.72 per watt for installed systems sized 30 KWdc or less, and the equivalent of up to $3.55 for larger systems that meet program guidelines. Actual incentives on the larger systems will be paid on a per kWh basis for electricity production over the first five years of system operation. Systems installed on affordable housing projects will be eligible for even higher incentives. These incentives will remain in effect until December 2009, and by law are required to decline at a rate of 7.0% a year. Incentive calculation will not exceed 50% of the total costs of the system.

April 25, 2009

Hawthorne Memorial Park

3901 El Segundo Blvd Hawthorne

10:00 AM to 2:00 PM

Produced by the Rotary Club of Hawthorne

In Cooperation with the City of Hawthorne Public Works Department

Learn how to preserve and protect our natural resources while reducing energy consumption

Learn how to reduce. reuse and recycle household trash

FREE GIVE AWAYS

GREAT HAWTHORNE FOOD AND REFRESHMENTS

FACE PAINTING CLOWNS & BALLOONS

CARS OF THE FUTURE

CHILDREN'S CRAFT BOOTH

MANY MORE EARTH DAY VENDORS

FOR MORE INFORMATION PLEASE CALL

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Supporting sponsors:

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

DESIGN BY MENACESTUDIOS.COM 310-978-9510

NEW GREEN BUILDING PROGRAM

On April 22, 2008, Los Angeles Mayor Antonio Villaraigosa joined City Council President Eric Garcetti and Council members Jan Perry, Ed Reyes and Bill Rosendahl to sign the Green Building Program into law. The Program is expected to reduce the City's carbon emissions by more than 80,000 tons by 2012, or the equivalent of taking 15,000 cars off the road.

The ordinance establishes a series of incentives and requirements for developers to meet USGBC LEED® standards. Effective May 29, 2008, the Standard of Sustainable Excellence gives builders voluntarily committing to pursue LEED Silver certification or higher priority processing through the Department of City Planning and Expedited Services through the Bureau of Engineering. These incentives are in addition to the existing Priority Plan Check processing through the Department of Building and Safety and Priority Service Planning through the Department of Water and Power. The project team must include a LEED AP, demonstrate how the project will achieve LEED Silver certification or higher, register with the USGBC, and attain formal certification.

Key Points of the Private Sector Green Building Ordinance

- Require that all new projects greater than 50 units or 50,000 square feet show compliance with the LEED Certified level.
- Expedite processing through all departments, if LEED Silver designation is met.
- Initiate an ongoing review of city codes to ease use of environmentally sound and superior materials and processes.

- Create a cross-departmental Sustainability Team to review and revise green building policies and specific projects. They will meet weekly so that the development community can enjoy ongoing interaction with City staff.
- Direct City General Managers and department and agency heads (namely Planning, Building and Safety, Public Works, Water and Power, Transportation, and CRA) to train and certify their staff in green building methods and policies and/or as LEED Accredited Professionals. This training should be ongoing and appear in each departmental annual budget.

- Work with the Board of DWP Commissioners to continue to add DWP financial incentives for projects that meet green building standards.

For more information contact:
Krista Kline – Krista.kline@lacity.org Urban Planning & Design Coordinator
Mayor's Office of Commercial & Residential Development

RESIDENTIAL PROGRAMS

Los Angeles Department of Water & Power



Green Power for a Green LA Program

Green Power is electricity produced in an environmentally friendly manner. Sources of green power include the sun, wind, and water, which are pollution free and natural. Renewable electricity technologies are among the cleanest and have the least impact on the environment.

The Green Power for a Green LA Program gives us all the opportunity to support cleaner energy resources for Los Angeles. By signing up, you can actually help bring more renewable power to LA - electricity that is cleaner than fossil fuels and nuclear energy. Green Power means cleaner air and a greener Los Angeles for us and for our children.

RESIDENTIAL PROGRAMS

The price for new green power is slightly higher than power generated from conventional sources such as coal and oil. LADWP's residential Green Power Program enables you to support renewable energy by paying a small premium on your bill. The extra cost is currently 3 cents per kilowatt hour, which is applied only to that portion of renewable energy that is chosen. The minimum contribution percentage for residential or small non-residential customers is 20%, but up to 100% may be elected. This extra cost may be offset by free energy efficiency products and services provided by LADWP.

The Los Angeles Department of Water and Power (LADWP) Solar *Photovoltaic (PV)* Incentive Program (Incentive Program) provides an incentive payment to LADWP customers that purchase and install their own *solar power PV systems*.

RESIDENTIAL PROGRAMS

To receive an incentive payment from the LADWP, customers must apply for and receive a written, Confirmed Reservation number issued by the Solar Energy Group. The individual solar powered systems must meet the requirements outlined in Section 6.0 of the Solar Guidelines. These requirements are system level specifications that must be met before an incentive payment can be approved. If after reading the guidelines you require additional information about the Incentive Program, please contact the LADWP's Solar Energy Group at (213) 367-4122.

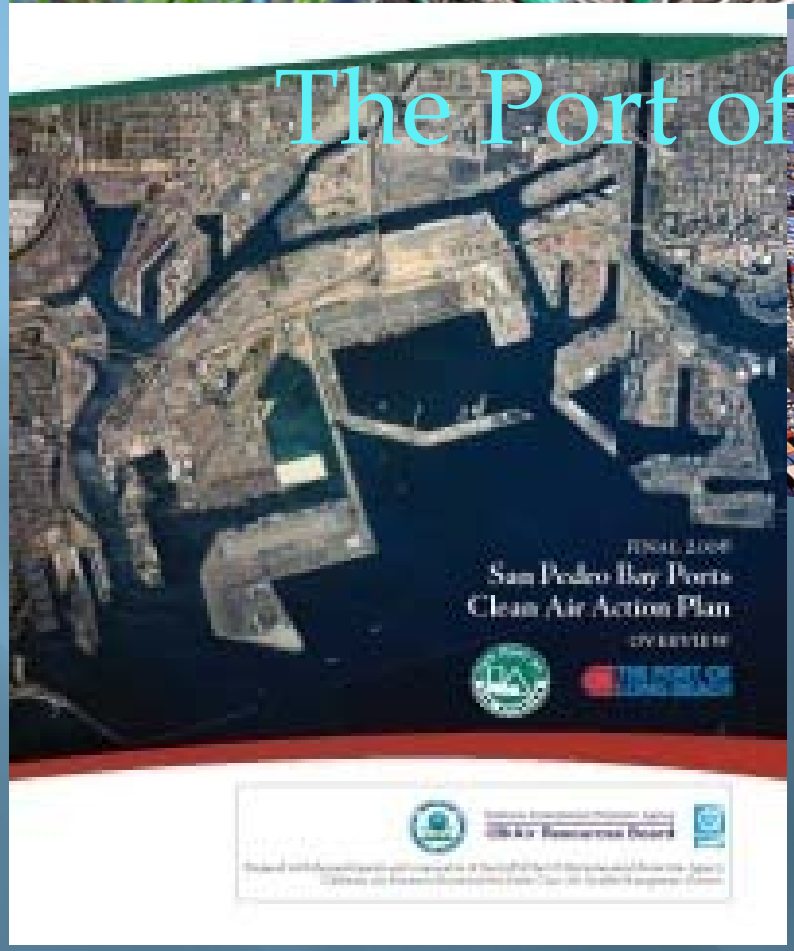
ENERGY EFFICIENCY

LA DWP ENERGY EFFICIENCY

As the provider of electricity and water to the City of Los Angeles, LADWP has a responsibility to help reduce our environmental impact and preserve our precious resources. For this reason, LADWP offers its customers a number of ways to reduce their energy consumption – including cash rebates for more efficient appliances, exchange programs for inefficient appliances, and other useful programs.

longbeach CA

The Port of Long Beach



The Port of Long Beach

The **Green Port Policy** includes six basic program elements, each with an overall goal:

- Wildlife – Protect, maintain or restore aquatic ecosystems and marine habitats.
- Air – Reduce harmful air emissions from Port activities.
- Water – Improve the quality of Long Beach Harbor waters
- Soils/Sediments – Remove, treat, or render suitable for beneficial reuse contaminated soils and sediments in the Harbor District.

longbeach CA

World's first hybrid diesel-electric tugboat funded by the Port of Long Beach and Port of Los Angeles

- Community Engagement – Interact with and educate the community regarding Port operations and environmental programs.
- Sustainability – Implement sustainable practices in design and construction, operations, and administrative practices throughout the Port.

longbeach CA

Office of Sustainability

historic past - innovative present - sustainable future

Green Building Policy

Encouraging green buildings and construction /demolition recycling is an opportunity to better use our resources while creating buildings that improve human health, build a better environment, and provide cost savings. Long Beach has adopted a Green Building Policy for city buildings and is working to create a Green Building Policy for private development in the City. The City of Long Beach also has implemented a Construction and Demolition Recycling program that requires certain demolition and or construction projects to divert at least 60% of waste from landfills through recycling, salvage or deconstruction.

longbeach CA

Office of Sustainability

historic past - innovative present - sustainable future

Water Conservation

Among the steps the City of Long Beach has taken includes the implementation of the Extraordinary Water Conservation plan. This award-winning plan includes elements of consumer education, distribution of water saving devices, consumer rebates, and the adoption of water prohibitions. Since October 2008 the program has enabled the city to reduce its water use, by nearly 20% from the 10-year-average.

longbeach CA

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Renewable Energy

Renewable energy sources like wind and solar are environmentally friendly because they cannot be depleted and do not pollute like fossil fuels. A key aspect to the City's move toward cleaner energy has been the implementation of solar-power technology. In 2006, the Long Beach Convention Center installed a 750-kilowatt, 5,819 panel Photovoltaic Solar System. The System is one of the largest public-facility solar installation on the West Coast and generates over 1 million Kilowatt-hours of pollution-free electricity. To date, the System has eliminated the pollution an average car emits over 54,475 days, 1,492,059 lbs of CO2, 445 lbs of NOx, has produced enough energy to power 23,942 homes for a day, and positively affects environmental equality having less impact on surrounding neighborhoods.

longbeach CA

Office of Sustainability

historic past - innovative present - sustainable future

Along with the Convention Center, the Long Beach Airport is also making use of solar technology with 6 new solar trees that track the movement of the sun to produce electricity. Considered to be one of the most advanced solar systems in the region, the light-collecting system is expected to create 15,000 kilowatt hours annually, save at least $5,000 a year and offset nearly a half-million pounds of carbon dioxide emissions over the system's 25-year lifespan - which is equal to planting three acres of trees!

longbeach CA

Office of Sustainability

historic past - innovative present - sustainable future

Waste Diversion

To help dispose of all this trash, the City of Long Beach has an extensive recycling program that also helps reduce the amount of trash we send to SERRF and landfills. The city also enacted an ordinance in 2007 that requires that certain construction and demolition projects recycle at least 60% of the waste generated. These efforts, combined with that of SERRF, have given Long Beach one of the highest waste diversion rates in the nation. The 2006 waste diversion rate of 69% was submitted to the California Integrated Waste Management Board, well surpassing the State mandated diversion rate of 50%.

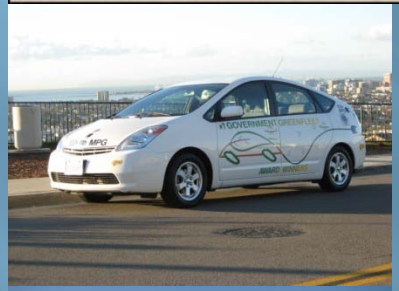
longbeach CA

Office of Sustainability

historic past - innovative present - sustainable future

Alternative Fuels

Long Beach Transit started using the first hybrid gasoline-electric buses to be used in regular service in the world.



Plug in hybrid vehicles have been converted to run entirely on electricity and now get 100 miles to the gallon!

Ten maintenance vehicles have been converted as part of a Biodiesel Pilot Program. Existing vehicles can run 10 to 20% cleaner at a negligible cost difference.

CITY OF MANHATTAN BEACH

Manhattan Beach Environmental Programs

What Your City is Doing to be Green

- Throughout each City Department, efforts have been made to "green" operations. Whether that means recycling, double-sided printing, or remembering to turn off lights and computers when not in use, we are striving to set an example of what it means to be green.

- To help our residents answer questions about environmental issues such as household hazardous waste recycling and storm water pollution, the Public Works department has summarized the City's efforts in these areas, and more, on the Environmental Programs webpage.

- Do you have questions about energy conservation, or want to find out if photovoltaic solar panels (PDF) are for you? The Community Development department has information on conservation tips and green building designs, along with several other useful handouts. The Department also publishes a Construction Community Newsletter two times a year with useful tips on "building green."
- If you have questions about trees in the City, the Community Development Department also works with the Manhattan Beach Tree Committee to provide residents with information on the benefit of trees and proper tree care. You can view the City's Tree Ordinance, as well as handouts on tree care on the Department's Tree Ordinance website. More information on street trees on public property, in the parkway and public right-of-way can be found on the Public Works Department's street tree maintenance page.

CITY OF MANHATTAN BEACH

Green Building

Permeable driveway benefits:

- Reduces polluted runoff
- Increases landscaping

Green Roof Benefits:

- Reduces traditional roof maintenance
- Reduces heating and cooling requirements
- Provides additional sound insulation
- Retains storm water, reducing runoff
- Improves air quality

CITY OF MANHATTAN BEACH

"Smart House" Design Features:

- Automated mechanical shading
- Hydronic space heating
- Electric light sensors

"Green Building" home features:

- "Energy star" appliances
- Environmentally friendly material
- Hidden photovoltaic solar panels
- Recycled denim insulation
- Tank less water heater

PASADENA

THINK GREEN

GREEN BUILDING DESIGN

THINK GREEN

Early in the design process the entire life-cycle of the building and its components are considered, as well as the economic and environmental impact and performance. The project team looks at all aspects of the building design to make a conscientious assessment of how to lessen the environmental impacts associated with the project.

PASADENA

THINK GREEN

The design team may include:

- Owner/Developer
- Architect
- Engineers (structural, electrical, mechanical)
- Landscape architect
- Interior designer
- Contractor (general & subs)
- Major tenants
- Building operator

Increasingly, designers, builders, and property owners are becoming interested and involved in green building as the benefits become readily apparent.

PASADENA

THINK GREEN

Effective as a permanent city policy on April 15, 2006, the City Council approved a set of progressive green building regulations for public and private sector buildings – Pasadena Municipal Code Chapter 14.90 Green Building Practices Ordinance.

Buildings required to comply with **Chapter 14.90** include:

- municipal buildings of 5,000 square feet or more of new construction
- non-residential buildings with 25,000 square feet or more of new construction
- tenant improvements of 25,000 square feet or more
- mixed use and multi-family residential buildings four stories in height or more

PASADENA

THINK GREEN

To increase the environmental performance of buildings in Pasadena, the City Council approved amendments to the above thresholds and requirements as follows:

new municipal buildings must achieve LEED Silver at a minimum

municipal renovations of 15,000 square feet or more must achieve LEED Silver at a minimum

commercial type buildings of over 50,000 square feet or more must meet the intent of LEED Silver at a minimum

all projects subject to the ordinance must achieve LEED credit 3.1 Water Efficiency (exceed the baseline water projection by 20%)

PASADENA

THINK GREEN

GREEN BUILDING INCENTIVES

As an incentive to building green, the City offers LEED Accredited Professional experts to guide new projects through the green building review at no cost to the project applicant. For more information on this program contact a plans examiner at the City's Building Division - 626 744 4200.

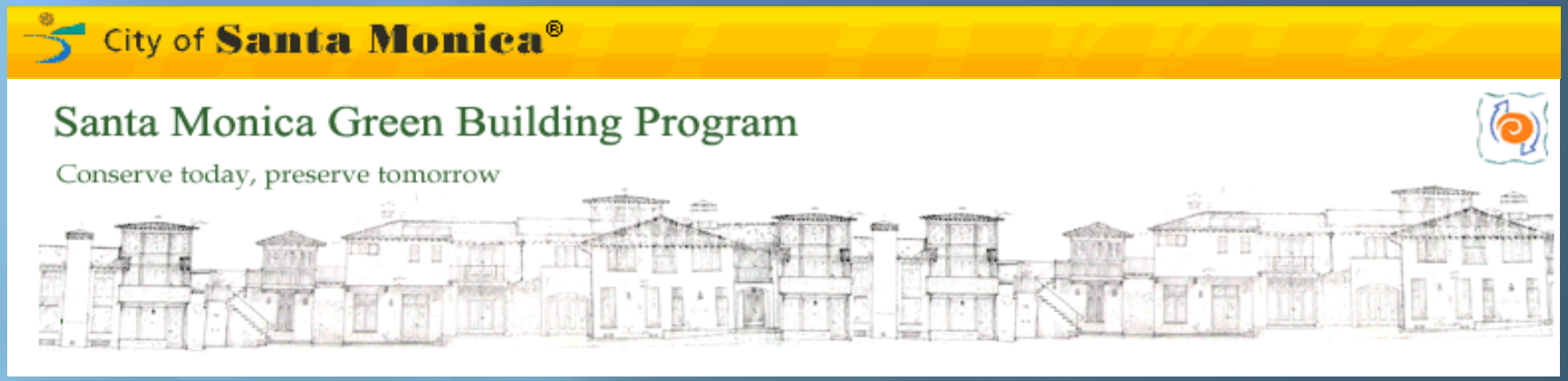
City of **Santa Monica**®

Santa Monica Green Building Program

Conserve today, preserve tomorrow

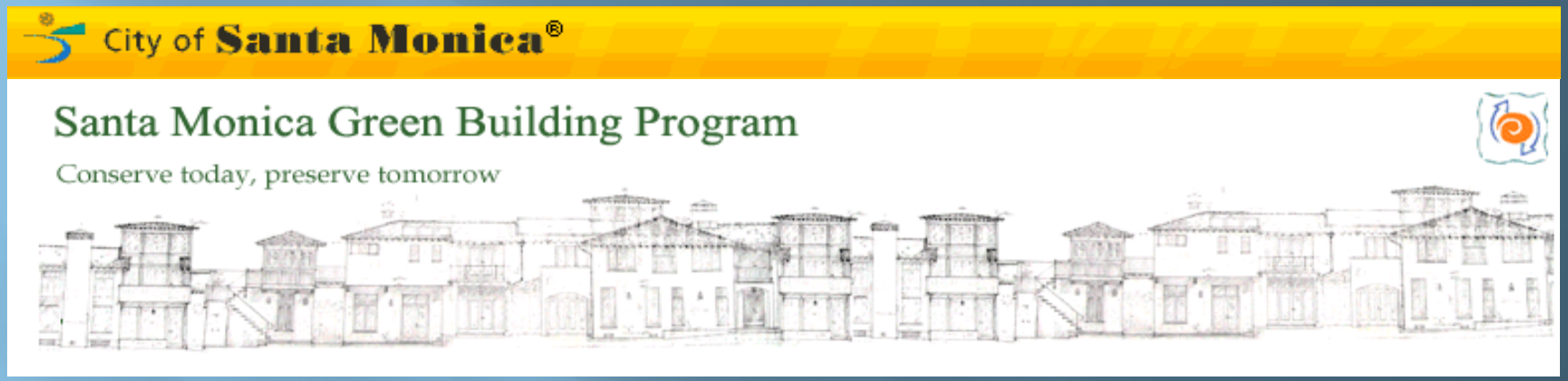
1. Green Building Ordinance approved by Council

The City of Santa Monica has a commitment to protecting the environment, improving quality of life, and promoting sustainability. In order to fulfill this commitment, the City has adopted a set of requirements and recommendations to encourage the development of "green" buildings without forcing excessive costs or other burdens upon developers, building owners or occupants. The City has also developed Green Building Guidelines to explain possible ways of achieving green building goals.



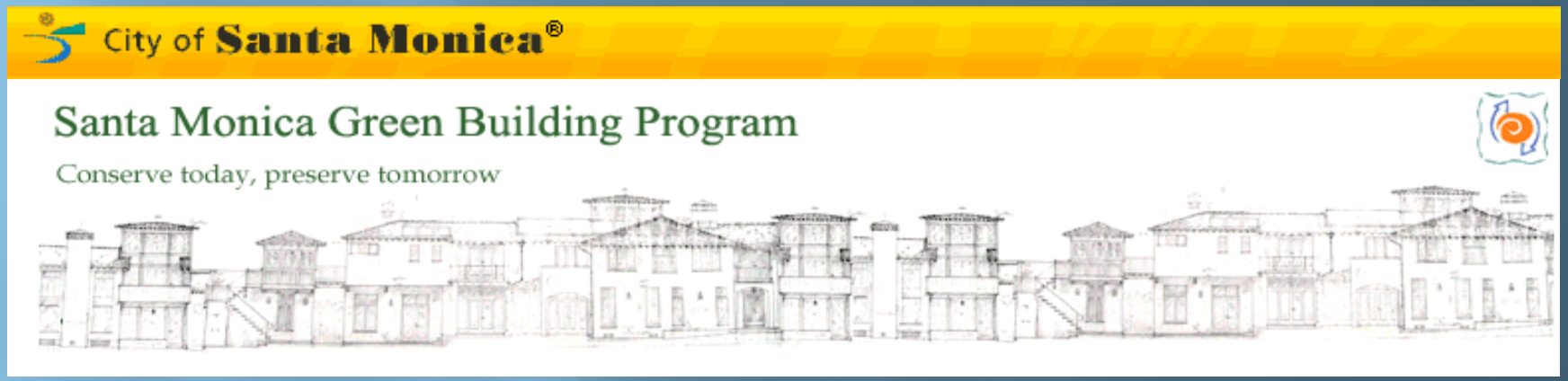
2. **Gray water Systems**

   The City has been developing guidelines for installing permitted gray water and rainwater systems in the City of Santa Monica. While these guidelines have not been finalized and approved by all departments yet, they offer excellent guidance as you research gray water systems. See this link for more information: http://www.smgov.net/epd/residents/Water/graywater.htm



3. **Expedited Permitting for LEED Buildings**

   The City of Santa Monica has long tried to encourage green building practices. Now, in addition to financial incentives for green building, the city has passed an ordinance that will allow expedited plan checks for LEED registered projects. This expediting process reduce plan check turn around time by one week. For more information contact Brenden McEneaney, Green Building Advisor (310) 458-8549.

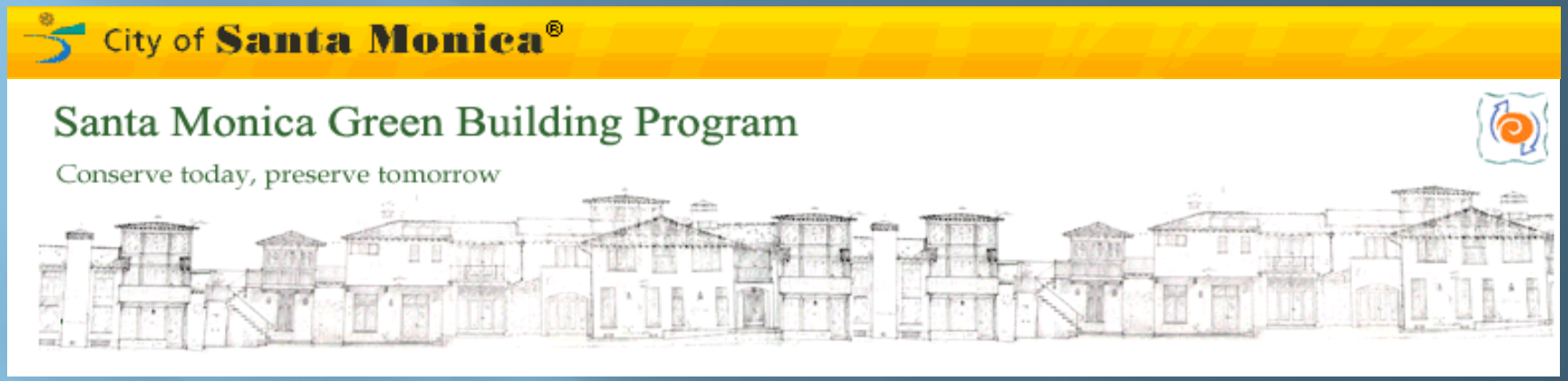


4. **Residential Green Building Guide**

   The Residential Green Building Guide is now available online. Use it to help you learn more and set green building goals for your new construction or home improvement project.

5. **Green Building Grants**

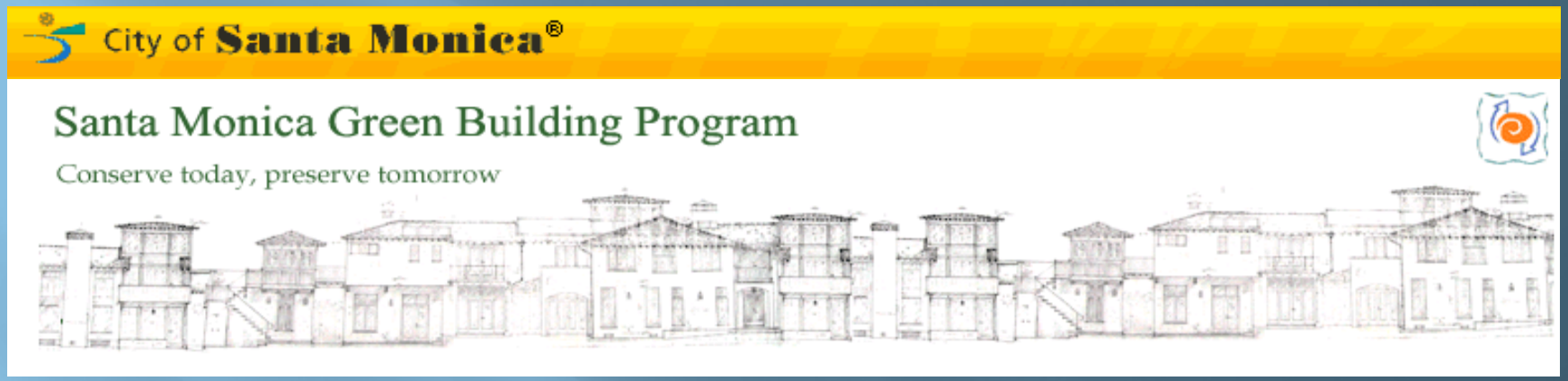
   The City of Santa Monica offers a grant program to encourage construction of LEED™ certified buildings and implementation of Innovative Green Building Technologies. Grants for LEED™-NC certified buildings will range from $20,000 to $35,000 depending on the level of certification. Grants for LEED™-Homes certified buildings will range from $2,000 to $3,500 for multifamily projects and from $3,000 to $8,000 for single family homes. Innovative Technology Grants will cover 50% of project costs up to $5000 for new construction or renovation projects that involve cutting edge energy efficiency or urban runoff mitigation technologies.



6. **Green Building Resource Center**

2218 Main Street, Santa Monica. (310) 452-7677.

The Green Building Resource Center is operated by Global Green, USA with the support of the City of Santa Monica. The Center is open to the public Tuesday, Wednesday, and Friday from 10 AM - 3 PM and Thursday by appointment. The Center has numerous samples of environmentally preferable building materials, informational resources such as books and magazines, referral lists of green architects and consultants, and knowledgeable staff to answer visitors' questions. Regular monthly seminars will also be hosted at the Center. Drop by during the Center's hours of operation to learn more about green building!



7. Green Building Affordable Housing Checklist

The City of Santa Monica strongly encourages the use of green building practices in affordable housing projects. This checklist was developed by Global Green to encourage developers to incorporate such practices wherever possible.

GREEN BUILDING INITIATIVE

- The City and the residents of Rancho Palos Verdes are dedicated to the preservation of a healthy local marine habitat and natural open spaces.

- Preservation of our local environment contributes to what makes this a unique City in Los Angeles County. Continuing on that vein of outdoor conservation, the City is beginning to develop Green Building programs that will focus on the efficiency, sustainability and environmental quality of the buildings in which we live.

CITY OF BURBANK

Home | Site Map | Mayor & Council | Services | Departments | Contact

City of Burbank: Green Building Programs

Designing and constructing high performance buildings, preferably with sustainable building methods, is good business as well as preferred environmental practice. Acknowledging this, the City of Burbank created two ordinances in 2004—the *Green Building and Sustainable Architecture Ordinance* and the *Construction and Demolition Debris Diversion Ordinance*—and in 2006 created a Burbank Water and Power *Leadership in Energy and Environmental Design (LEED) Certification Incentive Program*.

BWP's LEED Incentive Program

What is LEED and Why Should We Care?

The economic and environmental impact of commercial and residential buildings in the United States is profound. According to the U.S. Green Building Council, United States commercial buildings account for:

65% of electricity consumption

30% of greenhouse gas emissions

30% of raw materials use

30% of waste output – 136 million tons annually

12% of potable water consumption

The U.S. Green Building Council is a national non-profit organization founded in 1993 to promote the design and construction of buildings that are environmentally responsible, profitable, and healthy places to live and work. In recognition of the impact that commercial and residential buildings have on the environment, the Green Building Council developed the Leadership in Energy and Environmental Design (LEED) Green Building Rating System.

BWP's LEED Incentive Program

BWP provides the following financial incentives to encourage LEED certified green building construction:

LEED Level	Incentive
Certified Level	**$15,000**
Silver Level	**$20,000**
Gold Level	**$25,000**
Platinum Level	**$30,000**

City of Burbank Construction and Demolition Debris Diversion Ordinance

The City of Burbank's Construction and Demolition Debris Diversion Ordinance is currently a voluntary measure, allowing builders and developers the time required to adjust to different design and construction practices, identify cost-effective materials, and incorporate appropriate recycling standards into construction projects.

The U.S. Environmental Protection Agency estimates that there is approximately 136 million tons of construction and demolition debris generated in the U.S. annually, or 2.8 lbs/person/day. Extrapolating, we estimate that about 54,000 tons of construction waste is generated annually in Burbank. The intent of the City of Burbank's Construction and Demolition Debris Diversion Ordinance is to promote recycling of construction and demolition debris and divert the waste from landfills.

City of Burbank Green Building Ordinance

As with the Construction and Demolition Debris Ordinance, the City's Green Building Ordinance is a voluntary measure. This ordinance is based on the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Program. The LEED approach is holistic, incorporating energy efficiency, water conservation, site selection and redevelopment, recycled content building materials, alternative transportation, landscape design, exterior light pollution, indoor air quality, and building operations. Based on allocation of points for different efficiency and environmental measures, LEED certification can range from Certified, Silver, Gold, and Platinum designations. The advantages of LEED buildings are many. For instance, in addition to reducing the building's on-going operational costs by installing energy- and water-conservation features, LEED buildings also boast limited indoor air quality impacts, making them healthier structures for occupants. So even while it is still the case that LEED certified buildings typically exceed average construction costs, LEED buildings are cost effective over the life of the structure. In general, LEED buildings are 25%-30% more efficient and worker productivity is estimated to save approximately $600-$1,000 per employee annually.

The City of Burbank offers program incentives to builders who embrace the voluntary measures. Depending on the level of sustainability selected by builders, plan check and permit fees will be reduced by 5% to 15%. Moreover, any proposed LEED certified building will receive expedited City approval services.

As an additional resource, the City has created the Green Building and Sustainable Architecture Reference Manual. This thorough document contains information on construction and demolition materials, local area recyclers and their contact information, the LEED certification program, and much more. This document can be found on the City of Burbank website at www.Burbankca.org/building/bgreen.htm. For more information on the City's Green Building Program, please contact Carol-Ann Coates of the City's Community Development Department at 818-238-5220.

Additional BWP Incentives are Offered

Burbank Water and Power also offers a cash incentive to builders who install solar photovoltaic systems which use renewable energy from the sun to create pollution-free electricity. Incentives of up to $25,500 can be received!

Voluntary Green Building Ideas

The City has produced a list of simple ideas for green building, which are sourced from:

The emerging 2011 California Green Building Code (aka California Code of Regulations, Title 24, part 11)

Green Point Rated Checklist by the non-profit organization Build it Green.

The emerging International Code Council 700-2008 Green Building Standard

While many of the above standards are designed to be used in new construction, we have adapted them for both new and retrofit construction projects.

GREEN BUILDING INITIATIVE

The City and the residents of Rancho Palos Verdes are dedicated to the preservation of a healthy local marine habitat and natural open spaces. Preservation of our local environment contributes to what makes this a unique City in Los Angeles County. Continuing on that vein of outdoor conservation, the City is beginning to develop Green Building programs that will focus on the efficiency, sustainability and environmental quality of the buildings in which we live.

Welcome to the home page for the Monrovia Environmental Accords (MEA). Monrovia's City Council adopted the Accords, establishing goals and policies to make our community more environmentally friendly and sustainable.

The MEA covers twenty-one long-term goals and objectives, from waste diversion to new transportation systems. A Green Team, with representatives from every department participates in the development of the Accords and Action Strategies.

Most of the goals are long-term (2015-2030) and will require new policies, programs and technologies. Several are dependant on other agencies, such as utility companies. Monrovia is committed to working with these agencies, businesses and residents to create a more sustainable community for those who live and work in Monrovia.

the official web site of the
City of Malibu

Malibu Legacy Park Project

The Malibu Legacy Park Project is a multi-benefit project for the environment and the community. The project addresses four critical issues: (1) bacteria reduction in storm water treatment, (2) nutrient reduction in wastewater management, (3) restoration/development of riparian habitats, and (4) the development of an open space area for passive recreation and environmental education. The Malibu Legacy Park Project will be constructed in the Civic Center area, directly adjacent to significant natural resources, a location which is a point of interest to various regulatory agencies, environmental groups and the citizens because of the unique opportunity to simultaneously improve water quality, restore native riparian habitat and preserve open space.

City of Rolling Hills Estates

The City Council adopted he Sierra Club's Cool Cities Initiative and authorized the Mayor to sign the U.S. Mayors Climate Protection Agreement, pledging to reduce greenhouse gas emissions by 7% by 2012.

The City adopted the Alameda County New Home Construction Green Building Guidelines as a City reference document, and encourages the use of The Leadership in Energy and Environmental Design (LEED) Green Building Rating System© for construction projects within the City.

A new street sweeping contract was implemented, which requires the use of state-of-the-art equipment (certified by the Air Quality Management District) to reduce the emission of particulate air pollution from paved roads, utilizing less polluting vehicles and alternative fuel vehicles.

City of Rolling Hills Estates

A new three-cart residential solid waste collection program was rolled out in 2005, making it easier for residents to recycle household plastic and glass containers, cans, and paper, as well as yard waste and manure. As a result, there has been a substantial increase in waste diversion, with Rolling Hills Estates residents consistently keeping more than 65% of their waste stream out of their trash cans, and, thus, out of the landfills.

City of Rolling Hills Estates

The frequency of trash pickup has been reduced to once per week on the same day throughout the City to increase collection efficiency and minimize consumption of fossil fuels, air emissions, as well as wear-and tear on City streets.

Under the solid waste collection program, the City has increased curbside collection of used oil by 160% and used oil filters by 590%.

As an equestrian community, the City prohibits the improper disposal of horse manure by requiring that it be completely removed from individual properties at least once per week or kept in an enclosed composting container designed for such purpose

City parks are maintained with the minimum amount of fertilizer necessary. Playing fields are fertilized twice per year and fully composted top dressing is applied once per year.

The City's Maintenance Department has integrated pest management practices that call for using physical barriers and controls first and, when necessary, the least toxic chemical control that is effective. For example, wood chips are used in lieu of herbicide for weed control on horse trails.

The City requires that new landscaping in commercial, office and institutional developments, as well as developer-installed landscaping in new residential subdivisions, be designed to conserve water.

In partnership with the Palos Verdes Peninsula Land Conservancy, the City is removing invasive and exotic enhancement and restoration of the Canyon Nature Preserve.

City of Rolling Hills Estates

A proactive litter abatement program has been implemented for keeping public rights-of-way, streets, medians, parks, and trails free of litter and debris. All public streets are swept on a weekly basis, following the day of trash collection.

The City's storm drain system is routinely screened to identify and eliminate illicit connections and discharge to ensure that only clean water is discharged to the storm drain system.

Most City parks and many transit stops are equipped with separate beverage container recycling collection containers along

Businesses are inspected to ensure that any outdoor activities are conducted in a manner that does not discharge pollutants to the storm drain system and minimizes the potential for contact of pollutants with storm water runoff.

City of Rolling Hills Estates

All traffic signal lights have been converted from incandescent to energy-efficient LED, a 90% energy savings.

The City Council also adopted the Ahwahnee Water Principles for Resource-Efficient Land Use.

A comprehensive analysis was performed on the City's entire irrigation system and annual water consumption rates, and new irrigation management procedures were implemented to reduce water usage, with an estimated annual savings of $38,000. The irrigation systems in City parks and recreational areas continue to be inspected for broken heads, overspray, and muddy areas.

City of Rolling Hills Estates

City of West Hollywood

Green Building Program

West Hollywood adopted one of the nation's first mandatory green building ordinance and it became effective on October 1, 2007. The ordinance ensures that new buildings will be healthier for residents, and use energy and resources more efficiently. Flexibility, responsiveness to local conditions, and cost-effectiveness are key features of the ordinance. The Green Building Ordinance establishes one of the first mandatory "green building" programs in the country.

City of West Hollywood

weho green building

West Hollywood Green Building Program Wins 2008 APA's "Outstanding Innovation in Green Community Planning" Award

The California Chapter of the American Planning Association (APA) has awarded the City of West Hollywood a 2008 "Outstanding Innovation in Green Community Planning" Award for the West Hollywood Green Building Program to be presented at an awards luncheon at the State APA Conference on Tuesday, September 23, 2008 at the Renaissance Hotel in Hollywood. As an APA-State winner, the City has also qualified for submission to the National APA Awards Program.

Recognition & Awards

Los Angeles County Recognitions

2007 Municipal Green Building Conference and Expo "Building Program Award" in recognition of the County's energy-saving and resource-conservation initiatives.

2008 California State Association of Counties Merit Award (Population Category of 700,001 and above) in recognition of the County's Environmentally Friendly Product Purchase Policy in Public Agencies.

2009 Los Angeles County One of 10 Communities Selected to Host Local Climate Conversation on Earth Day.

Los Angeles County Departmental Recognitions

2008 Quality and Productivity Traditional Plaque Award in recognition of the Internal Services Department, "Green Purchasing": Purchase of Environmentally Preferable Products.

California has long been a national leader in establishing environmental initiatives that conserve our natural resources. These include programs for energy and water efficiency, renewable resources, recycling and waste management, vehicle fuel efficiency, planning and land use. Similarly, Los Angeles County has adopted a number of energy and environmental related policies in the areas of energy efficiency and sustainable operations.

We all face new challenges as evidenced by the enactment of *Assembly Bill 32 "California's Global Warming Solutions Act"* which was signed into law in late 2006 and established ambitious goals for the reduction of greenhouse gases in the State. To view California Climate Change Regulatory Action Timeline .

Los Angeles County is a local government leader in meeting these challenges by enhancing our existing programs, developing new initiatives, documenting and sharing these benefits in County operations and on behalf of constituents.

On January 16, 2007, the Los Angeles Board of Supervisors approved the Countywide Energy and Environmental Policy.

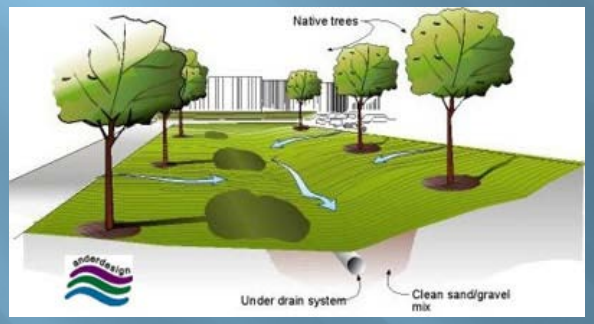
Energy & Environmental Efforts

Los Angeles County

To Enrich Lives Through Effective and Caring Service

To create a more sustainable community, the County Los Angeles County has adopted a Green Building Program consisting of three new ordinances: Green Building Ordinance, Drought-Tolerant Landscaping Ordinance, and Low Impact Development Ordinance.

Low Impact Development



Drought Tolerant Landscaping

Green Buildings

Energy & Environmental Efforts

Los Angeles County

To Enrich Lives Through Effective and Caring Service

Green Buildings

The Green Building Ordinance seeks to reduce the need for energy within buildings, ensure that construction waste is diverted from landfills and provide the infrastructure for future environmentally friendly technologies.

Los Angeles County

Low Impact Development

The Low Impact Development Ordinance guides the creation of developments that allow infiltration and treatment of rainwater which would otherwise flow into gutters.

Energy & Environmental Efforts

Los Angeles County

To Enrich Lives Through Effective and Caring Service

Drought Tolerant Landscaping

The Drought-tolerant Landscaping Ordinances provides guidelines of how to plant more water efficient landscapes, which both look nice and cost less to maintain.

Los Angeles County Solar Map

http://lacounty.solarmap.org/solarmap_v6.html#

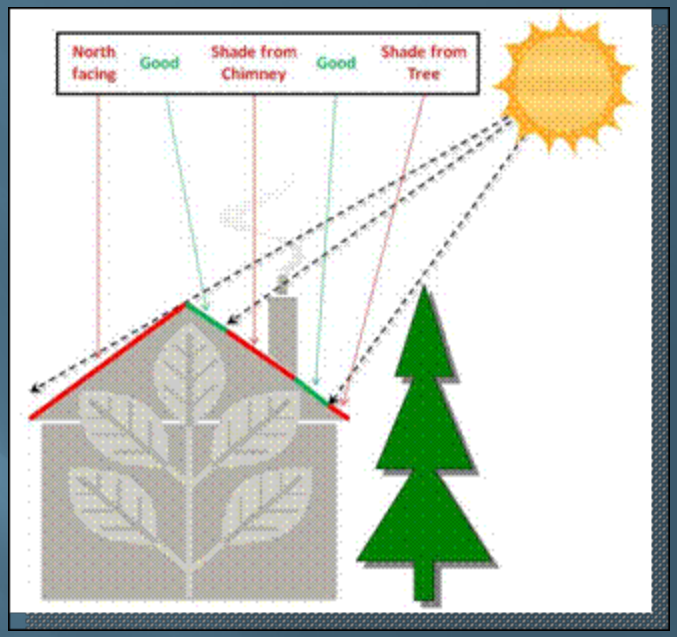
Get an estimate of the solar potential for your location.

Enter your address

Estimated Results:

Total Roof Area:	3,750 sq ft
Area Suitable for Solar:	825 sq ft*
Solar PV Potential:	Up to 12.42 kW
Electricity Produced:	Up to 24,933 kWh/yr
Electricity Savings:	Up to 5,984 $/yr**
Carbon Savings:	Up to 52,235 lbs/yr

Los Angeles County Solar Map



Details

Total Roof Area and Area Suitable for Solar - Estimated from a countywide 2006 Solar Radiation model. The model calculates and ranks incoming solar radiation every 25 square feet in the County, using roof pitch, orientation, and shading from surrounding structures and trees to provide the best estimates possible.

Potential System Size – calculated from the optimal roof area and panel specifications. Our calculations are based upon the Sun Power 225 panel delivering 207 w/m2.

Los Angeles County Solar Map

Potential Annual Output – calculated from potential system size, and assumes 5.5 hours per day of peak generation. This represent 5.5*365 = 2,007.5 kWh per year per installed kW.

Potential Cost Savings - Potential Cost Savings are calculated for each utility, based upon selected rates for each utility.

Potential Annual Emissions Savings - The carbon dioxide emission reductions for Southern California are ***724 lbs*** of carbon dioxide reduced for every MWh of solar electricity (CA Climate Action Registry General Reporting Protocol, Version 3.1, Table C.2 - *CO2 Emission Factors by eGRID Subregion*).

Green Leadership Award

On November 18, 2008 City of Santa Monica Councilmember Pam O'Connor was awarded with the first County of Los Angeles Chair's Green Leadership Award (GLA). The Chair's GLA recognizes Ms. O'Connor as an individual who embodies the mission of the GLA to "develop and implement innovative strategies to enhance our environmental sustainability;" whose actions demonstrate leadership; and whose dedication plays a significant role in environmental education.

(At left, Supervisor Don Knabe, former Supervisor Yvonne Burke, Pam O'Conner, Supervisor Zev Yaroslavsky, and Supervisor Michael Antonovich)