

WHAT IS ENERGY UPGRADE CALIFORNIA?

We are a statewide initiative committed to helping Californians take action to save energy, conserve and preserve natural resources, reduce demand on the energy grid, and make informed choices about their energy use at home and at work.

Our Mission

Encourage every Californian (all 39.5 million of us) to be more energy efficient.

Our Objective

Rally Californians around a shared mission to rewire people's conception of energy and help every resident discover that they have the power to make a difference with small actions.

Our Message For All Californians:

KEEP IT GOLDEN

Learn what you can do to become an energy steward!





On September 18, 2008, the CPUC adopted the state's first Long Term Energy Efficiency Strategic Plan, a roadmap to maximum energy savings across California from 200**2**020.

Energy Upgrade California is a statewide initiative to achieve the goals in SB350:

- 33% of electricity from renewables by 2030
- Reduce GHG emissions in the state by 40% by 2040
- **Behavioral change** around the *use* of energy by all Californians, and *when* we use energy.

2013

Energy Upgrade California® Home Upgrade

A comprehensive, "whole house" approach to energy efficiency, offering Californians financial incentives for installing approved energy upgrades in their homes. 2015

SB350

California sets ambitious energy goals, including doubling energy efficiency, moving a third of the grid to renewable energy, & reducing greenhouse gases by 40% by 2030.

2017

EUC Relaunches: Do Your Thing™

Energy Upgrade
California becomes a
state educational
initiative to help
Californians save energy
and conserve natural
resources through small
behavioral changes.

2019

Stay Golden

Energy Upgrade
California motivates and
educates residents to
adopt energy-efficient
habits. The campaign
also focuses on Time of
Use, scheduling energy
use during times of
greener energy and
away from "peak hours."

HOW ENERGY UPGRADE CALIFORNIA WORKS

We provide inspiration and guidance on better energy management by:

- **Partnering** on events: movie nights, sustainability fairs, educational programs, holidays and more.
- **Providing** materials, including palm cards, factsheets, co-branded materials, and giveaways for public events.
- Outreach through digital products, social media, newsletters, op-eds and more.
- **Educating** residents and businesses about the Energy Upgrade California program and materials.
- **Promoting** Energy Upgrade California by partnering with CBOs in your community.
- Nominating Energy Heroes to be showcased on our site.

ENERGY UPGRADE CALIFORNIA



Energy Upgrade California[®] is a statewide initiative committed to uniting Californians to strive toward reaching our state's energy goals. That's why we're inviting you to Do Your Thing™—to help increase energy efficiency for the future of California and make sure we remain leaders in energy conservation.

HERE ARE A FEW EASY THINGS TO GET YOU STARTED:



Save up to 10% percent on heating costs by lowering your furnace thermostat by 3 to 5 degrees.



AUDIT YOUR HOME TO FIND EFFICIENCIES

The average household wastes \$150 per year in energy costs just from holes and cracks in their home.



SKIP THE DRY CYCLE

Letting your dishes air-dry in your dishwasher can save up to \$4 per year.



WASH CLOTHES ON THE COLD CYCLE

Approximately 90% of the energy used for washing clothes is used to heat the water.



UPGRADE HOUSEHOLD APPLIANCES

By using energy-efficient appliances, California has saved more than 10,000 gigawatt-hours of electricity since 2003. That's enough to power 2 million homes for one year.





For opportunities to support Pomona Valley Habitat for Humanity on this and other projects, visit HabitatPV.org or call (909) 596-7098. Additional donations are being coordinated by Lifeway Church Ministries at 7477 Vineyard Avenue in Rancho Cucamonga. For additional information about the City of Rancho Cucamonga Community Improvement division, visit CityofRC.us or call (909) 774-2712.

It's Your Turn

You can get involved in creating a welcoming and unified environment for everyone! Take action and share your #BeKindRC story & tag us on social media. You can also participate by sharing your compassionate stories, becoming part of the planning committee, or getting involved as a volunteer. Contact us at HealthyRC@CityofRC.us or (909) 774-2043, or visit HealthyRC.com for more

"Do Your Thing" to Save Energy This Summer

The City of Rancho Cucamonga and Energy Upgrade California are teaming up to encourage you to "Do Your Thing" for energy efficiency. The goal of the campaign is to promote energy efficient practices and simple behavior changes that encourage energy conservation among residents and businesses. This statewide effort sets the pace for smarter energy use by providing examples of simple actions that can save energy. Some practices include using energy efficient devices, unplugging home electronics when not in use, and lowering the air conditioner during hotter months.

The "Do Your Thing" campaign complements Rancho Cucamonga's Healthy RC Initiative and aligns with the City's Sustainable Community Action Plan, which helps us to strive for a greener and cleaner Rancho Cucamonga. Please remember to take part all summer long and "Do Your Thing" for energy efficiency!

ENERGY UPGRADE CALIFORNIA MATERIALS

ENERGY UPGRADE CALIFORNIA



Energy Upgrade California® es una iniciativa estatal con el propósito de unificar a los californianos en la lucha por alcanzar los objetivos energéticos de nuestro estado. Haz lo Tuyo es nuestra invitación para que entre todos aumentemos la eficiencia energética por el futuro de California y sigamos siendo líderes en conservación de energía.

ESTAS SON ALGUNAS COSAS QUE PUEDES HACER PARA EMPEZAR:



CAMBIA LAS BOMBILLAS DE LUZ

Las bombillas LED duran 25 veces más y usan al menos un 75% menos de energía.



REVISATU CASA PARA ENCONTRAR ALTERNATIVAS EFICIENTES

El hogar promedio desperdicia \$150 al año en costos de energía debido a agujeros y



DESCONECTA TUS EQUIPOS ELECTRÓNICOS

El 23% de la electricidad utilizada para alimentar los equipos electrónicos domésticos, se consume mientras estos están apagados.



UTILIZA EL CICLO DE AGUA FRÍA

Aproximadamente el 90% de la energía utilizada para lavar la ropa se gasta calentando el agua.



ACTUALIZA LOS ELECTRODOMÉSTICOS

Mediante el uso de electrodomésticos de bajo consumo energético, California ha ahorrado más de 10,000 gigavatios por hora en electricidad desde el 2003. Esto es suficiente para proveerles energía a 2 millones de hogares durante un año.



Energy Efficiency

WHAT'S THE DEAL WITH TIME-OF-USE PLANS?



In recent years, Californians have done a great job managing energy and becoming more energy efficient. But in order to meet the state's goal to become a zero-carbon electricity state by 2045, we need to do more. How can we take the next step?

It turns out that when electricity is used matters as much as how much electricity is used.

WHY DOES THE TIME OF DAY MATTER?

- . During the day, the sun is out and wind is blowing. so renewable sources like solar energy and wind energy are plentiful. Most of this power cannot be stored and saved for later.
- There is also typically less demand during the day because of natural lighting and people leaving home for work or other destinations.
- Energy demand peaks from 4 p.m. to 9 p.m. as people return home and use electricity and gas to light and heat or cool their homes at night.

LOCAL ENERGY PROVIDERS ARE OFFERING TIME-OF-USE PLANS

- A law was passed in 2015 ordering California's investor-owned utilities to transition customers to time-of-use rate plans.
- SDG&E will be the first to transition customers to TOU plans in 2019. PG&E and SCE will begin transitioning customers in late 2020.
- · Under these plans, energy prices will be lower during the day and higher in the late afternoon and early evening to encourage consumers to manage energy.

It doesn't take much to make a d v being mindful of the time of day and a accordingly is all you need to de

Here are a few things you can











OUR COMMUNITY

The Energy Upgrade California community prioritizes reaching marginalized groups, and we do so with the help of our evegrowing member network. To date, we have over 250 members from across the state, including:

- Cities, Counties, & Elected Officials
- Economically Disadvantaged Organizations
- Educational Groups
- Environmental Groups
- Faith-Based Groups
- Minority/Cultural Groups
- Small Businesses
- State Based/Civic Organizations

SOME NOTABLE COMMUNITY MEMBERS HAVE JOINED US





CALIFORNIA BLACK CHAMBER OF COMMERCE **Dedicated To Economic Empowerment**

















Empowering communities. Changing lives.





















SOME NOTABLE GOVERNMENTAL MEMBERS HAVE JOINED US

- California State Senate
- League of California Cities
- CA Contract Cities Assoc.
- County of Los Angeles
- City of Bellflower
- City of Berkeley
- City of Beverly Hills
- City of Calabasas
- City of Daly City
- City of Eureka
- City of Fontana
- City of Fremont
- City of Fresno
- City of La Cañada Flintridge
- City of La Habra Heights
- City of La Puente
- City of Long Beach
- City of Los Angeles
- City of Lynwood

- City of Malibu
- City of Manhattan Beach
- City of Menlo Park
- City of Oxnard
- City of Paramount
- City of Rancho Cucamonga
- City of Redondo Beach
- City of Riverside
- City of Rolling Hills Estate
- City of Rosemead
- City of Salinas
- City of San Diego
- City of Santa Monica
- City of South Gate
- City of Walnut
- City of West Hollywood
- City of Westminster









WHY IS PARTNERING WITH ENERGY UPGRADE CALIFORNIA SO IMPORTANT FOR YOUR CITY?

JORGE MORALES, Vice Mayor of South Gate, President of CA Contract Cities Association

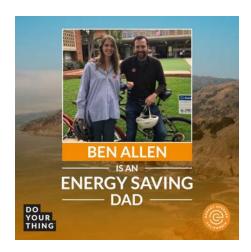
Vice Mayor Morales was elected to the South Gate City Council in March 2011 and reelected in 2015. He is a lifelong resident of South Gate who received his BA in political science from Cal State Long Beach and a MA from the Price School of Public Policy at USC.

He has been been a public servant for over 15 years, having served key legislative leaders throughout California. He is currently a Senior Strategist at Ek, Sunkin and Bai, L.L.C.

Vice Mayor Morales serves as the State Director, League of CA Cities Executive Board of Directors and the President of the CA Contract Cities Association. He is a passionate and articulate advocate for sustainability and energy efficiency practices and management.



HOW WE SHARE NEWS AND CONTENT WITH OUR COMMUNITIES

















Get Inspired to Save Energy | Energy Upgrade Calif...

Energy Upgrade California® ®is a statewide initiative teaching Californians how to be more energy efficient and reduce greenhouse gas emissions.

energyupgradeca.org

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Michael Kadish Executive Director Grid Alternatives- Greater Los Angeles



Mission & Vision

Mission: Make renewable energy technology and job training accessible to underserved communities

Vision: A successful transition to clean energy that includes everyone



What We're All About

People



Helping struggling families by reducing their utility bill with solar

Planet



Fighting climate change by transitioning to renewable energy

Employment



Training people from underserved communities so they can access jobs in the growing solar industry

GRID Alternatives Impact

Employment

Our training programs help participants launch new careers in solar



29,266

PEOPLE RECEIVED HANDS-ON EXPERIENCE

Participants include volunteers, students, and job trainees



191,721

TOTAL JOB TRAINING HOURS

Time spent on our job training focused installs



285

JOB TRAINING PARTNERS

Schools, colleges, vocational programs, and community based organizations

Planet

Solar helps environmentally burdened communities see a brighter, clean future for generations to come.





Over an expected 25-year lifetime



People

Reduced energy costs mean more money invested in families and communities.





Multifamily affordable housing buildings, nonprofits and other service providers



Solar Installation Programs









Workforce Development Programs











GRID & Energy Upgrade California

- GRID partnered with Energy Upgrade California to educate and inspire communities to conserve electricity and preserve our environment
- Energy Upgrade California allows people who do not qualify for our programs a way to become educated on ways to conserve electricity and preserve our environment
- GRID partnered with Energy Upgrade California on the San Diego State of Action event leading up to the Global Climate Summit last year.
- EUC honored GRID Alternatives at the inaugural CBO Engagement Forum at the LA Cleantech Incubator in September 2018.





How GRID can work with your city

Solar:

- Energy for All Program
- Community Solar
- Solar for multifamily affordable housing
- Non-profit service providers

Job Training and Workforce Development

- Partner with workforce agencies
- Re-entry offices
- Community college PV programs

Electric Vehicle & EV Charger Rebate Programs:

Clean Vehicle Assistance Program





Michael Kadish, Executive Director

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- https://twitter.com/GRID
- https://www.linkedin.com/company/grid-alternatives
- https://www.facebook.com/gridalternatives





WHY IS PARTNERING WITH ENERGY UPGRADE CALIFORNIA SO IMPORTANT FOR YOUR CITY?

Jo Fleming, Executive Director California Green Business Network



THE GREEN ECONOMY STARTS HERE



What do we do:

- 1. Provide technical assistance to business
- 2. Help municipalities reach their goals
- 3. Provide a green marketplace for consumers





CALIFORNIA GREEN BUSINESS NETWORK

SHOP GREEN

Vote with your dollars.

Certified California Green Businesses meet a verified set of standards that conserve resources and protect your community.



We ARE IN GOOD COMPANY

- 34 programs
- 3000+ recognized businesses
- 2000+ interested businesses
- New programs in the Central Valley and Southern California



OUR IMPACT 2018

Businesses that join our network <u>conserve</u> precious resources, <u>prevent</u> harmful pollution, and <u>enhance</u> their bottom-line.







33,000 METRIC TONS OF WASTE DIVERTED FROM LANDFILL







7 MILLION DOLLARS OF UTILITY BILL SAVINGS



California Green Business Network

Published by Khalid Kaldi [?] - January 21 at 12:00 PM - 3

Today is a chance to remember and reflect on the extraordinary life and leadership of Dr. King. May we all find ways to incorporate the tenets of Dr. King's philosophy of nonviolence into our own acts of resistance, into our own work for justice. There is much that the life of Dr. King can teach us about the conflicts of our time. May today be our chance to tap into that deep well of knowledge.

#MLKDay

Sponsored by: ... See More



We Partner Closely with EUC

★ SMALL BUSINESS SATURDAY ★



Make the good list this year.



energyupgradeca.org

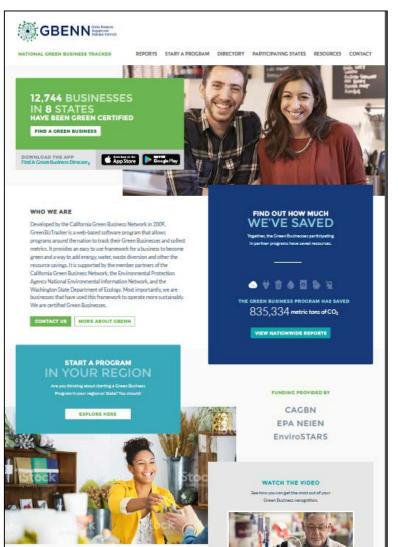


Give your world the gift of sustainability.

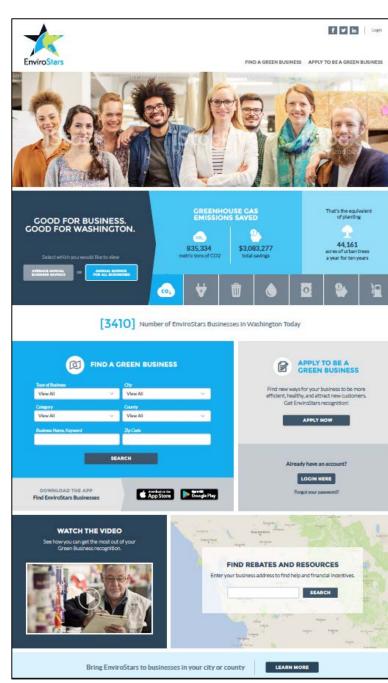


Save the planet with greenbusinessca.org

CAGBN: Connected Nationwide







WHAT MAKES A GREEN BUSINESS?





Reduced Water Use Low flow toilets and auto-off faucets



Conserve Energy
Upgrade lighting and
equipment to save
energy



Commute Sustainably
Promote and incentivize
alternative
transportation for
employees



Prevent Pollution
Eliminate and/or
properly dispose of
harmful chemicals



Use Non-Toxic Cleaners
Use safer,
environmentally
preferable cleaning
chemicals



Avoid Waste
Eliminate unnecessary
packaging, printing, and
purchasing



Recycle Materials

Divert waste from the landfill through reuse, recycling and composting



Hire Local Vendors
Working locally means
less vehicle use

Certification Process

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STEP 1 - Business Enrollment and Registration
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STEP 2 - Green Business Coordinator Initial Walk-Through and

Consultation (Free Technical Assistance)

STEP 3 - Audits from Partners (i.e. utilities and water districts)

STEP 4 - Business Implementation of Measures

STEP 5 - Final Site Visit and Verification

STEP 6 - Certification and Business Promotion!

• 6 week certification cycles



Why Start a Program and Join CAGBN?

- Meet City/County sustainability goals through GHG reductions, resource conservation mandates: Climate Action Plans, solid waste diversion targets, water conservation, etc.
- Better environmental compliance: Businesses adopt more "beyond compliance" measures
- Better stakeholder relationships: public, business, utilities, agencies
- \$30k in funding to start a program, waived member dues the first year, free access to all materials, marketing, and resources.
- Plug and play systems to run a program



CAGBN Helps Start New Programs

- Mentorship, Resources & Support
- 6 New Programs in 2018
- 5 New Programs in 2019 (maybe your region!)
- GreenBizTRACKER is a GBP in-a-box www.greenbusinessca.org
- Process for under-served communities
- The factory is built, we are ready to crank out Green Businesses!





SPECIAL EVENTS WITH OUR PARTNERS













