

Date: December 2, 2021

To: Thomas B. Modica, City Manager



From: Eric Lopez, Director of Public Works



For: Mayor and Members of the City Council

Subject: Update - Clean Pathway Community Partnership

On November 9, 2021, the City Council received a presentation from City staff regarding the City of Long Beach (City) and Southern California Edison (SCE) Clean Pathway Community Partnership (Partnership). This Partnership was formed in November 2020 to promote collaboration and achieve environmental goals and targets set out in the Climate Action and Adaptation Plan (CAAP). Key staff from both teams, including Executive Leadership from City departments and SCE, developed mutually agreed upon objectives to further sustainability efforts within Long Beach and work toward meeting CAAP goals and targets. Four key objectives were created, as outlined below.

Objectives

- Clean Energy Transition: Increase public awareness and participation in existing SCE programs and rate offerings through joint advocacy efforts, public awareness campaigns, and community engagement partnerships to support the sustainability goals of the City and SCE.
- Energy Solutions: Provide clean energy solutions and technologies such as demand response programs that enable City facilities, residents, and businesses to manager better their water, natural gas, and electric energy usage and to save money.
- Technology Innovation: Improve the development, acceptance, and implementation of emerging energy technology strategies such as solar and battery storage systems to support the City's renewable energy goals and SCE's vision for a carbon-neutral future.
- Transportation Electrification Expansion: Enable the expansion of transportation electrification through investment, emerging technology acceptance, and streamlined processes to reduce greenhouse gas emissions and achieve air quality goals throughout Long Beach and surrounding communities.

Over the last year, the Partnership has made several key achievements for these objectives, as highlighted below.

Key Achievements

- Clean Energy Transition
 - Implemented the first City and SCE joint social media campaign

- Initiated Green Rate Adoption program development to increase green rate accounts within the City
- Contributed to the Water Department's quarterly H2O Newsletter regarding SCE Green Rate program
- Included Green Rate Program messaging in 2022 Utility calendar in all four City adopted languages.
- Energy Solutions
 - SCE Corporate Giving grant awarded to Conservation Corps for tree planting in disadvantaged communities along the 710-freeway corridor
- Technology Innovation
 - Completed framework and process to assess facilities for solar and battery cost-benefit analysis for potential replacement of diesel backup generators
- Transportation Electrification Expansion
 - Submittal of SCE Charge Ready applications for over 29 city-owned locations for the potential addition of over 500 electric vehicle ports
 - Collaboration between SCE and City Fleet Acquisition Manager to develop a fleet conversion strategy

SCE Commitment to the Community

- Community Giving - In 2020, SCE provided over \$950,000 of corporate philanthropic support through grants and sponsorships to Long Beach community-based organizations.
- Enhancing Digital Equity - SCE partnered with five non-profit organizations in Long Beach to provide \$150,000 in grant funding to improve digital equity in underserved communities by increasing access to technology and resources.
- Edison Scholars - The SCE Edison Scholars program will award \$40,000 in college scholarships to 30 high school seniors pursuing STEM careers across its service territory.

SCE has been making extensive system improvements to its infrastructure to better serve downtown Long Beach residents and businesses, using \$11 million in SCE shareholder-funding dedicated to these improvements as a settlement from the 2015 outages. The North Long Beach Lighthipe Substation is undergoing a multi-million dollar rebuild to enhance system reliability. Additionally, the Hinson Substation in East Long Beach was recently selected for an upcoming SCE battery energy storage project to address future potential power shortage needs.

Additional Partnership benefits between SCE and the City include significant speed and effectiveness improvements between both organizations, improved internal alignment, shared accountability, and strong, ongoing commitment for achieving tangible results.

Update – Clean Pathway Community Partnership

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Page 3 of 3

If you have any questions regarding this matter, please call Jorge Godinez, Grants and Contracts Officer, at (562) 570-6444.

ATTACHMENT

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MONIQUE DE LA GARZA, CITY CLERK

GREEN RATE PROGRAM MESSAGING EXAMPLES

EDISON
Energy for What's Ahead™

YOUR NEW GREEN POWER OPTIONS

SUPPORT LOCAL SOLAR POWER TO CREATE A CLEAN ENERGY FUTURE
As a SCE customer, your clean energy future shines brighter with two programs that enable you to harness the power of the sun—without installing solar panels on your roof. These renewable energy programs are voluntary and available to both residential and business energy bundled users.

GREEN RATE PROGRAM
SCE will purchase renewable energy from independently owned solar farms in California on your behalf. Upon enrollment, you decide if you want 50 or 100 percent of your electricity use to be renewable.

WHAT IS THE PARTICIPATION COST?
Here is how you can support a clean energy future for less than five dollars a month:

Residential customers pay an extra \$0.87 cents per kilowatt-hour (kWh) for renewable energy. If you choose the 100 percent participation option, multiply \$0.87 cents (0.0087) by the total number of kWh in your monthly SCE bill to come up with the extra amount you pay for renewable energy. If you choose the 50 percent option instead, multiply 0.0087 by half the number of kWh on your bill.

*For example, based on the average SCE residential customer monthly bill of \$100 with a use of 500 kWh, multiply \$0.87 by 500 kWh. This equates to about \$4 extra each month for 100% renewable energy participation.

For business customers, costs vary by rate classes and are available at scc.com/greenrate. For example, a small commercial customer with a monthly average usage of 2,719 kWh per month would result in an additional \$18/month under the 100% participation option and \$9 under the 50% participation option to be served by renewable energy. Something we think your customers will appreciate knowing.

Rates are subject to change and you may de-enroll from the Green Rate at any time without penalty.

COMMUNITY RENEWABLES PROGRAM
You enter into an agreement with an SCE approved California renewable energy provider to buy energy from a share of their output. We purchase the electricity produced under your agreement and give you a bill credit based on that agreement.

WHAT IS THE PARTICIPATION COST?
Rates and terms vary per renewable provider; visit scc.com/commrenew.

WHY PARTICIPATE IN THE GREEN RATE OR COMMUNITY RENEWABLES PROGRAM?
Enrolling in either the Green Rate or Community Renewables program will help you make a difference in your community by:

- Assisting in meeting sustainability goals
- Supporting local renewable power
- Reducing greenhouse gas emissions associated with electricity and contributing to a cleaner, healthier environment

GREEN-E ENERGY® CERTIFIED
The Green Rate and Community Renewables programs are both Green-e Energy® certified. Learn more at www.green-e.org

TO LEARN MORE AND ENROLL
Visit scc.com/greenrate or scc.com/CommRenew, or call (866) 701-7867.



OPCIONES DE ENERGÍA VERDE

CREAR UN FUTURO DE
energía limpia brillante más con dos programas que le permiten aprovechar el poder de la luz solar sin necesidad de instalar paneles solares en su techo. Estos programas de energía renovable son voluntarios y están disponibles para usuarios de servicios de energía empaquetada residencial y comercial.

PROGRAMA ENERGÍAS RENOVABLES COMUNITARIAS
Cada vez que un proveedor de energía renovable de California aprobado por SCE compra energía de una parte de su producción, nosotros compramos la electricidad producida según su acuerdo y le damos un crédito en la factura basado en ese acuerdo.

¿CÓMO ES EL COSTO DE PARTICIPACIÓN?
Los tarifas y los términos varían según el proveedor de energía renovable. Para ver la lista de proveedores participantes, visite scc.com/commrenew.

¿POR QUÉ PARTICIPAR EN EL PROGRAMA PARA VERDE O EN ENERGÍAS RENOVABLES COMUNITARIAS?
Inscribiéndose en el programa Tarifa Verde o Energías Renovables Comunitarias lo ayudará a marcar la diferencia en su comunidad de la siguiente manera:

- Ayudará a cumplir los objetivos de sostenibilidad
- Apoyará la energía renovable local
- Reducirá las emisiones de gases de efecto invernadero asociadas a la electricidad y contribuirá a un entorno más limpio y saludable en el sur de California

GREEN-E ENERGY® CERTIFICADO
Los programas Tarifa Verde y Energías Renovables Comunitarias están certificados por Green-e Energy®. Obtenga más información en www.green-e.org.

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EDISON
Energy for What's Ahead™

ANG HONG NA MGA BANGGONG OPYON PARA SA GREEN NA ENERHIYA

SUPPORTAHAN ANG LOKAL NA ENERHIYANG GAGANA SA ARAP PARA BIUMAG NG KINAKALAKANG MATAHINA NA ENERHIYA
Bilang isang customer na SCE, may maraming uri ng tungkulin sa pagpapalaganap ng mga programa ng renewable na enerhiya sa loob ng ating buong bayang. Ang mga programa ng renewable na enerhiya ay libreng ibinibigay sa mga pangangailangan ng mga pangangailangan ng buong bayang.

PROGRAMANG GREEN RATE
Bilang ang SCE ng renewable na enerhiya sa regular na mula sa mga solar farm na independyente ang pagpapalit sa California. Sa pag-enroll, low ang magpapagangang tungkulin sa 50% o 100% pagpapalaganap ng iyong kuryente.

ANG ANO HALAGA NG PANGALAP
Narito ang mga residential na customer ng karagangang \$0.87 ang bawat kWh ng renewable energy. Kung piliin ang 100% pagpapalaganap, magpapagangang tungkulin sa 50% o 100% pagpapalaganap ng iyong kuryente. Kung piliin ang 50% pagpapalaganap, magpapagangang tungkulin sa 50% pagpapalaganap ng iyong kuryente.

*Halimbawa, batay sa average na bawatang tingit ng residential na customer ng SCE na 500 kWh, magpapagangang tungkulin sa \$4.00 ang bawat buwan para sa 100% pagpapalaganap ng renewable energy.

Para sa mga pangangailangan ng customer, nag-iiba ang halaga ng mga solar farm sa loob ng buong bayang. Halimbawa, ang isang maliit na komersyal na customer na may bawatang average na paggamit na 2,719 kWh per month magpapagangang tungkulin sa karagangang \$18 buwan sa ilalim ng pagpapalaganap 100% pagpapalaganap sa \$9 sa ilalim ng pagpapalaganap 50% pagpapalaganap ng renewable energy. Ang bagay na ito ay isang maliit na bayang maaaring magpapalaganap ng mga pangangailangan ng customer.

Maaaring magpapagangang mga bayang maaaring magpapalaganap ng pagpapalaganap sa Green Rate ang isang bagay na magpapalaganap.

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LONG BEACH ENERGY RESOURCES AND WATER DEPARTMENT 2022 CALENDAR

- Pagbigay sa paggamit ng mga nasusunat na layunin
- Pagpapalaganap sa lokal na renewable na enerhiya
- Pagpapalaganap ng mga emisyon ng gas sa greenhouse na kaugnay ng kuryente at pagpapalaganap sa malinis na enerhiya sa karagangang CA

COMMUNITY RENEWABLES NA ENERHIYA
Ang mga programa ng Green Rate at mga Renewable ng komunidad ay pangkalahatang suportado ng Green-e Energy®. Maaari pa sa www.green-e.org.

PARA MATAUTO PA AT MAG-ENROLL
Bisitahin ang scc.com/greenrate o tumawag sa (866) 701-7867.

2022 Energy Resources and Water Department Calendar (in all four City adopted languages)

9to10
Long Beach
October 2021

Introducing The New WaterSmart Customer Portal!

This free online tool is designed to help you monitor your water usage more efficiently and proactively, so you can save water and save money. Register and log in to your free WaterSmart customer portal today at water.watersmart.com.

Fall Back Into Water-wise Habits
Reduce Your Water Usage To No More Than Two Gallons A Week!

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Energy for What's Ahead™

YOUR NEW GREEN POWER OPTIONS

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PW LB Public Works
@LBPUBLICWORKS

Hey #LongBeach - interested in using more renewable energy resources, in your home or business? Be sure to check out @SCE's Green Rate Program. Read more 📖

SCE @SCE · Jul 13

Did you know that we have a Green Rate? If you want more of your energy coming from renewable sources but can't install solar, Green Rate may be for you. This is a voluntary program for residents and businesses. To learn more, visit scc.com/Greenrate

October 2021 goH2o Newsletter

First City/SCE social media campaign

SCE COMMITMENT TO THE COMMUNITY

SCE Reliability



- SCE tracks reliability and each year produces a publicly available Reliability Report for every city, county, and tribe in its service territory.
- The [Long Beach Reliability Report](#) indicates reliability continues to be good overall in recent years.

Infrastructure Investments



SCE continues to invest millions in infrastructure projects and upgrades in Long Beach to continue to improve reliability, including:

- Grid modernization work across the city
- Extensive system improvements to the underground downtown network.
- A rebuild of its substation in North Long Beach.
- An upcoming SCE battery energy storage project at a substation in East Long Beach.

Community Investment (2020)



\$952,500 – philanthropic support invested in Long Beach serving organizations

Economic Impact (2020)



- \$7 million plus in Franchise Fees paid to the City.
- \$18 million plus in Utility User Tax (UUT) Fees collected by SCE and remitted on behalf of the City.
- \$4 million plus in City sales tax paid by Edison Material, a subsidiary of SCE.