

Date

PG&E will be upgrading streetlights in your community soon.

«CUSTOMER_NAME»
OR CURRENT OCCUPANT
«PREM_ADDRESS1»
«PREM_CITY» «PREM_STATE» «PREM_POSTAL»
«BarCode»

Dear Valued Customer,

In collaboration with the City of _____, Pacific Gas and Electric Company (PG&E) will be upgrading streetlights in your community. As part of our commitment to provide you with safe, reliable, and affordable energy, PG&E is replacing its PG&E-owned non-decorative streetlights with energy efficient and longer lasting Light-Emitting Diode (LED) fixtures.

Why LEDs?

LED streetlights use 50-75% less energy than the current High Pressure Sodium Vapor (HPSV) bulbs and significantly reduce greenhouse gas emissions. New LED streetlights provide a more natural-looking light, which will last up to four times longer than HPSV bulbs. The optical technology of LED luminaires creates more evenly distributed light, resulting in greater visibility for pedestrians and drivers alike.

What you can expect

Our work is expected to begin **in the coming weeks**. We will be replacing _____ of PG&E-owned streetlights **in the City of Burlingame**. The installation will take approximately 10 minutes per lamp fixture. Please keep in mind that our schedule is dependent on safe weather and field conditions.

PG&E will not need to enter your property, and you do not need to be present while we complete this work. There will be no disruption to your electrical service. All PG&E and contractor personnel are required to carry valid photo identification and are happy to provide it upon request.

How can I learn more?

If you have any questions about this work, please contact your local Customer Outreach Specialist, _____ at _____ or send an email to streetlightupgrade@pge.com. We will make every attempt to respond to your inquiry within one to two business days. More information is also available online at www.pge.com/streetlightupgrade.

Thank you for your cooperation as we work to enhance the safety and reliability of electric service in your community.

Sincerely,

Division Senior Manager
Pacific Gas and Electric Company

Call 811: Call before you dig Be safe. Dig safe. At home, or on the job. For more safety tips, visit pge.com/safety.



Together, Building
a Better California

LED Streetlight Upgrade Program



As part of our commitment to provide customers with safe, reliable, affordable and clean energy, Pacific Gas and Electric Company (PG&E) is upgrading its non-decorative, high pressure sodium vapor (HPSV) streetlights with more energy-efficient, light-emitting diode (LED) fixtures.

PG&E owns, operates and maintains approximately 160,000 non-decorative HPSV streetlights. PG&E is converting these streetlights in collaboration with cities, counties and non-municipal organizations that opt in to our voluntary program. We work closely with local communities to determine when and where to install LED streetlights, and we notify all customers of replacement activity in their neighborhood at least one week prior to our arrival.

Recent Recommendations from the American Medical Association

The American Medical Association (AMA) released a policy statement asserting that LED streetlights are an important environmental innovation that can lower reliance on fossil-based fuels and encourage cost savings and efficiency. The AMA's statement included guidelines and recommendations regarding the types of LED lighting best-suited to replace traditional streetlights.

The AMA encourages use of LED streetlights with the lowest possible emission and intensity of blue light to cut glare and light levels. The AMA also advises shielding streetlights to reduce glare, and suggests that communities consider streetlights that could be dimmed at night.

PG&E's streetlights use lighting science and shielding to direct light toward the ground and minimize light pollution. Our streetlights feature current industry best practices to control excess light. That means our LED streetlights create a better-quality light with lower light output. Our lights also come with dimming capabilities for future consideration as technology evolves.

The AMA's report specifically recommends that projects avoid "poorly designed" LED streetlights. PG&E buys its lights from leading manufacturers, such as Cree.

For those reasons, PG&E is confident in the safety and deployment of our LED fixtures. Still, we constantly look for ways to improve our technologies. PG&E has already reduced the correlated color temperature (CCT) of our fixtures from 6000 Kelvin (6000K) to 4000K. We have started test installations of 3000K fixtures, and we will continue to evaluate other improvements that are well-tested, clean, safe and reliable.

We also continue to follow the conversation taking place among academics, professional/industrial organizations and government. Several online resources are hyperlinked below for a more comprehensive view of that discussion.

PG&E continuously monitors new technology with a goal of bringing the most appropriate solutions to our customers. You can reach the Streetlight Upgrade Program directly at [1-877-743-2677](tel:1-877-743-2677) or streetlightupgrade@pge.com.

FOR MORE INFORMATION:

"Some media coverage of concerns about blue light, light at night, and dark-sky issues can give the impression that LEDs are the enemy, when in fact they're a critical part of the solution."

The U.S. Department of Energy (DOE):
"Get the Facts: LED Street Lighting"

"In general then, it is erroneous and misleading to use a metric developed for one purpose and then apply it to another purpose, particularly with regard to the impact of light on human health."

Lighting Research Center at Rensselaer Polytechnic Institute

"Of primary concern to the IES is the potential for this report and its ensuing press to misinform the public with incomplete or inaccurate claims and improper interpretations."

Illuminating Engineering Society (IES)

"NEMA also questions the wisdom of assigning significant weight to this recommendation since outdoor lighting design requires a complex analysis of many criteria. Outdoor lighting systems will vary depending on the application and local conditions. Tradeoffs in the considerations of visibility, environmental impacts, energy efficiency, cost, personal safety and security need to be optimized, which cannot be achieved with a single solution."

National Electrical Manufacturers Association (NEMA)