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LED Streetlight Conversion Project

Frequently Asked Questions

1. *What kind of streetlights does the City of Vallejo currently have?*
The City uses High Pressure Sodium (HPS) streetlights, the most common streetlight technologies used. HPS streetlights are not very energy efficient and the light they produce can make it difficult to differentiate colors.
2. *What are LED streetlights?*
LED (Light Emitting Diode) streetlights are extremely energy efficient, have long life spans, and produce a better color and quality of light than typical (HPS streetlights).
3. *Will the light from LED streetlights look different?*
Yes. HPS fixtures create an orange light, while HPS fixtures create a cooler, white light (similar to moonlight) which makes it easier to see true colors. The light may look different, but the LED fixtures produce equivalent or higher levels of light.
4. *Why is the City of Vallejo doing an LED streetlight conversion project?*
LED streetlight fixtures will save energy, require less maintenance, and provide citizens with better, more safe. HPS fixtures only produce a bright spot directly underneath the fixture whereas LEDs create a more even pool of light across the ground or roadway.
5. *How many streetlights is the City of Vallejo replacing with the LED streetlight conversion project?*
This project will replace approximately 8,000 streetlights throughout the City of Vallejo.
6. *How much will the City of Vallejo likely save when it upgrades to LED streetlight fixtures?*
LED streetlights are expected to save the City of Vallejo over 2.8 million kilowatt hours and approximately \$390,000 in energy costs in the first year after the project is implemented. The City will also be eligible for further PG&E rebates.
7. *How long will the project last?*
Including the City-wide audit of all streetlight locations and installation, the project will last from June to December 2014.
8. *What are the benefits of the LED streetlight fixture project?*
 - a. Reduced energy consumption resulting in energy savings and reduced Greenhouse Gas emissions
 - b. Reduced maintenance cost
 - c. Better visibility for pedestrians and vehicles
9. *What is the City doing with all of the streetlights it is removing?*
The HPS streetlights will safely disposed of by a qualified recycler. The aluminum casings and other components will be recycled while the lamps will go through an environmental disposal process.