



Street Light Conversion to LED FAQ

1. What are LED streetlights?

Light Emitting Diode (LED) technology has been used in solid state lighting for decades. More recently, LED technology has advanced to streetlight applications. LED streetlights are extremely energy efficient, have long life spans, and produce better color and light quality than typical high pressure sodium (HPS) streetlights.

2. What differences will I notice with LED streetlights?

The main difference that the public will notice is the color of the light that is produced with the LEDs. LEDs produce a whiter light that is comparable with moonlight. The advantage of whiter light is that it is easier for the human eye to distinguish details and colors. This is one of the reason auto dealerships use white light – they want you to see the true colors and all the details.





3. Why is the city doing an LED streetlight conversion project now?

The city was awarded the funds from the Washington State Transportation Improvement Board to update street lighting in small to medium sized cities to energy efficient LED fixtures. Additionally, PSE is offering rebates on the new LED fixtures. These incentives will offset the cost of the project and will not be available at this level in the future.

4. What are the benefits of the LED streetlight fixture project?

The main benefits of LED lighting include:

- Reduced energy use, which results in cost savings and reduced greenhouse gas emissions.
- Longer fixture life, resulting in lower maintenance costs.
- Light color that is better for nighttime visibility.

9. How long will the project last?

Fixture replacement work is scheduled to begin in the coming near-term. If you are reading these FAQ, your City is close to having the street lights upgraded. The length of the project will depend on how many street lights your City has. Update crews are able to change up to 100 lights per day.

10. What will the construction impact be?

Crews with bucket trucks will remove the old streetlight and install the new LED fixtures. Each streetlight conversion takes 10-15 minutes to complete. Residents may see short term lane closures or other traffic control in place during the work. There are a few locations where new lights will be added to an existing utility pole. These installations will take slightly longer to complete.

11. What will happen to the streetlights that are removed?

Newer fixtures will be salvaged for reuse, and older fixtures will be recycled.

12. What if I have a streetlight outage in my neighborhood before the new LED fixtures are installed?

Streetlight outages will be addressed in the normal manner. They can be reported online at <http://intolight.com/lightsout.html>