



Frequently Asked Questions about NPU's new LED streetlights

Q: What kind of streetlights does NPU currently use?

A: The majority of streetlights in use by NPU are high-pressure sodium (HPS) lights. While HPS streetlights are fairly common across the country, they have several drawbacks: they are not very energy-efficient, they cast an orange light which makes it difficult to see colors, and they tend to produce light that is of poor quality.

Q: What are LED streetlights?

A: Light Emitting Diodes (LED) are a technology that has been used in lighting for decades and is growing in popularity for streetlights. LED streetlights are extremely energy-efficient, have long lifespans and produce a better color and quality of light than traditional HPS streetlights.

Q: What are the benefits of LED streetlights?

The benefits of LED streetlights include:

- Reduced energy consumption resulting in energy savings for the City of Norwich
- Reduced energy consumption which results in reduced Greenhouse Gas emissions
- Reduced maintenance costs for NPU
- Better visible light for the community and the Norwich Police Department

Q: What color of light will LED streetlight produce?

A: Contrary to the orange light that is produced by HPS streetlights, LEDs produce a cooler, white light, making it easier to see true colors.

Q: Why is NPU undertaking this LED streetlight conversion project?

A: By converting all of our streetlights to LEDs, NPU will:

- Help the City of Norwich save a considerable amount of money each year in energy costs
- Reduce Greenhouse Gas emissions
- Reduce our maintenance requirements by replacing fewer streetlight bulbs each year
- Provide the citizens of Norwich and the Norwich Police Department with better light quality on streets and roadways.

Q: How many streetlights are being replaced with LEDs through this project?

A: NPU is replacing all of our 4,984 streetlights, which includes 277 decorative lights and nearly 250 floodlights.

Q: How long will it take to install all of the lights?

A: Installation of the new LEDs will begin on August 15 and should be completed by early October.

Q: How much will this project cost?

A: The project has a budget of \$1.8 million.

Q: Will this project impact our electric rates?

A: No. This project is being financed over a number of years and will not impact our residential electric rates. As part of this project, we will be adjusting our rates for public and private streetlights which will generate savings for our customers with streetlights.