

The Cost and Energy Efficiency of Converting Philadelphia Streetlights to LED

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For decades, the city of Philadelphia has been illuminated by HPS (High Pressure Sodium) lights, which is also what is commonly known as incandescent lights. In the awareness of recent global issues regarding sustainability, the Philadelphia street lighting departments have begun taking initiative to make the city eco-friendly one light at a time. In order to do so, their aim is to convert over 143,000 street lights to LEDs. I will be illustrating how the use of energy formulas and simple arithmetic could project the potential change of energy used in illuminating Philadelphia.

Date: Thursday January 31, 2019

Time: 7:00 pm

Place: Park 328