

**I, Amy T. Harvey, Deputy Town Clerk of the Town of Chapel Hill, North Carolina, hereby certify that the attached is a true and correct copy of (2019-09-25/R-10) adopted as amended by the Chapel Hill Town Council on September 25, 2019.**

**This the 22nd day of November, 2019.**

*Amy T. Harvey*

**Amy T. Harvey  
Deputy Town Clerk**



**A RESOLUTION AUTHORIZING THE TOWN MANAGER TO ENTER INTO AN AGREEMENT WITH DUKE ENERGY TO CONVERT ALL CHAPEL HILL STREET LIGHTS TO ENERGY-SAVING LED FIXTURES (2019-09-25/R-10)**

WHEREAS, the Town Council is committed to upholding the Paris Climate Agreement and reducing greenhouse gas emissions in order to help mitigate the effects of climate change; and

WHEREAS, Duke Energy owns and operates 3,605 street lights in Chapel Hill and provides this service by way of an agreement with the Town; and

WHEREAS, 376 or 10% of these total street lights are energy-saving LEDs (light emitting diodes); and

WHEREAS, the conversion of all remaining street lights to LEDs could result in an annual greenhouse gas emissions reduction of over 830 metric tons; and

WHEREAS, full conversion represents a 5.5% emissions reduction from Town operations and is equivalent to saving the electricity needed to power over 140 homes for an entire year; and

WHEREAS, a conversion to LED street lighting can also minimize waste from lighting maintenance, provide uniform lighting color throughout the town, enhance visibility for community safety and help to address the urgency of climate change.

NOW, THEREFORE, BE IT RESOLVED by the Council of the Town of Chapel Hill that the Council authorizes the Town Manager to execute an agreement with Duke Energy to convert all non-decorative street lights in Chapel Hill to energy-saving LED light fixtures as described by Option A in the Technical Memorandum and below:

- The Town will ask Duke Energy to convert all remaining non-LED non-decorative street lights to LEDs as soon as the utility's installation schedule will allow, estimated to begin as early as January 2020.
- The Town will pay the standard street lighting conversion cost of \$153,690 over a four year period, or sooner, should budget allow.
- The costs above are estimated by Duke Energy and rounded to the nearest dollar. This Resolution also allows for a 1% adjustment above these costs should the final contract amounts change.

BE IT FURTHER RESOLVED that the staff should look at other options related to changing lights on Town athletic fields and other properties and report back on options for Council to consider and compare as it considers options for changing decorative lights.

This the 25th day of September, 2019.