

## Kevin Whitaker Chevrolet



### SNAPSHOT



# Energy Savings

# 68%

#### Light Fixture Power

Reduced from 1,000W to 332W

#### Annual kWh Saved

648,320 kWh

#### Annual CO<sub>2</sub> Saved

447 metric tons

#### Simple Payback Period

36 months after incentives

#### Total 5 Year Savings

\$421,492.00 dollars

#### Eligible Incentives

\$38,640.00 dollars

**PROJECT SUMMARY:** Kevin Whitaker Chevrolet of Greenville, South Carolina has been serving upstate SC for over 30 years. Recently, interest in LED lighting technology has created a flood of new lighting products on the market. All of these options can make it difficult to narrow down and select the right lighting fixtures for an energy efficiency overhaul. It is because of these reasons, and many more, that Net Zero USA partnered with Hubbell Lighting to offer Kevin Whitaker Chevrolet a comprehensive interior and exterior LED lighting retrofit.

On the exterior of the dealership, over one hundred 1000-watt metal halide fixtures at the tops of existing poles were replaced with 332-watt LED luminaires. Forty four 250-watt small metal halide floodlights were swapped out with 70-watt LED floodlights, and a dozen 1000-watt metal halide floodlights were updated with 107-watt LED floodlights. Net Zero USA also provided lighting retrofits inside the dealership, which upgraded fluorescent light fixtures to LED lighting technology.

Prior to the retrofit, the dealership's lighting consumed 949,326 kWh annually. After the LED retrofit, this electricity consumption fell to 301,005 kWh — or a 68.2% decline. Thanks to this new level of energy efficiency and annual equipment savings, the dealership will save an eye-opening \$421,492 dollars over the next 5 years all because of their decision to upgrade their lights.

**“The lighting shows the cars far better at night and folks driving by are giving our inventory a second look. Also, the brighter lights provide better security and since they require less electricity, we run them later into the night for even greater peace of mind.”**

— Kevin Whitaker, *Owner*