



McIntosh Chevrolet - Energy Savings Project

AT A GLANCE:

- Total Cost: \$50,700
- Total Rebates: \$7,134.80
- Annual Operating Savings: \$9,142.81
- Payback Period: 4.8 years
- Annual Energy Savings: 56,230 kWh

RETROFIT LIGHTS:

- (16) 320 W Horner LED parking lot fixtures
- (4) 105 W Horner LED wall packs
- (2) 84 W Horner Low Bay LED fixtures
- (13) 205 W Horner Low Bay LED fixtures
- (5) 84 W Horner Low Bay LED fixtures

CUSTOMER:

McIntosh Chevrolet
75 N. M-13, Linwood, MI

INSTALLED BY:

J. Ranck Electric, Inc.

J. Ranck Electric, Inc. (JRE) completed an LED retrofit of the interior and exterior of McIntosh Chevrolet in Linwood, Michigan. JRE qualified McIntosh Chevrolet for the Michigan Saves Energy Loan Program, allowing them to pay for the project with little out of pocket expenses. Further, while improving the quality and efficiency of light in their showrooms, parking lots, and service areas, McIntosh Chevrolet received a rebate check from their local utility company for completing an energy conservation project.

The existing exterior metal halide parking lot lights and wall packs, as well as the interior fluorescent T12 lamps and Quartz lamps, were replaced with highly efficient Horner remote phosphor LEDs. The upgrade reduced the lighting power consumption by nearly 18 kW which is estimated to save the dealership over \$9,000 in annual energy and maintenance costs.

