

Case History

Remington Arms Company, Inc.

Ilion, NY

The Company:

Remington Arms Company, Inc. of Ilion, NY, designs, produces and sells sporting goods for the hunting and shooting sports markets, as well as military, government and law enforcement markets. Founded in 1816, the Company is one of the nation's oldest continuously operating manufacturers.

The Energy Saving Challenge:

Seeking to upgrade the efficiency and output of a 1970s vintage lighting system at its Ilion, NY, plant – Remington came to the right place – SmartWatt. We partnered with Remington and developed a lighting layout for the 1.1-million-square-foot facility that paid off handsomely. SmartWatt Project Engineers conducted a detailed audit of the entire facility, proposed a project, and implemented changes with the following impressive results.

The SmartWatt Solution:

The project replaced a mix of more than 10,000 incandescent, HID and T-12 lighting fixtures with over 10,000 T-8, Compact Fluorescent, and LED lighting fixtures.

The Results:

Lighting costs have been reduced by more than 55%, and Remington Arms will have \$0 in lighting maintenance costs for at least 3 years due to warranties on all installed items.

Savings:

Annual Energy Savings: \$258,966.61

Annual Maintenance Savings: \$23,306.99

Annual Displaced Energy: 3,030,972 kWh

kW Demand Savings: 561.71 kW

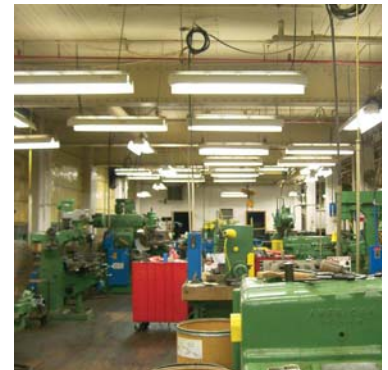
Simple Payback: 24 Months

Rebate:

The New York State Energy Research and Development Authority (NYSERDA) paid a \$181,572.11 Incentive Rebate on this project.



Before



After

Corporate Offices:

SmartWatt Energy Services
12 Corporate Drive
Clifton Park, NY 12065
P: 518.348.1076 F: 518.348.1542
E: information@smartwattinc.com

Rochester Offices:

SmartWatt Energy Services
189 North Water Street, Suite 100
Rochester, NY 14604
P: 585.672.5624 F: 585.672.5629
E: telgohary@smartwattinc.com

Metro New York Offices:

SmartWatt Energy Services
500 Mamaroneck Avenue, Suite 320
Harrison, NY 10528
P: 914.835.2100 F: 914.358.3575
E: pdemartis@smartwattinc.com