

# NN, INC



## WELLINGTON, OHIO

Compressed Air and Lighting Projects

NN, Inc. is an industrial manufacturer of high precision metal and plastic components and assemblies, serving customers around the world with high-quality products. Headquartered in Charlotte, North Carolina, NN, Inc. employs more than 5,000 employees worldwide. The company operates two plants in Wellington, Ohio.

### PROJECT GOALS:

Reduce overall operating costs and improve lighting.

### SOLUTION:

Complete multiple energy efficiency improvements at its Wellington location.

### PROJECT SUMMARY:

Since 2014, NN, Inc. has worked with Efficiency Smart to make energy efficiency improvements at its Wellington, Ohio, facilities. Initially, the company replaced its existing lights with fluorescent T5s, and later replaced all six of its air compressors throughout its plant with efficient models.

Based on the success of its previous projects and improvements in lighting technology, NN, Inc. again worked with Efficiency Smart in 2018 on a large-scale lighting upgrade. The company replaced T5s with modern LED high-bay lights in its plants and LED troffers in its offices. An Efficiency Smart energy consultant worked with the company to review multiple vendor proposals to validate the energy savings and help determine which option to select.

With the new lights, NN, Inc. has reduced its electric and maintenance costs due to the longer lifespan of the more efficient LEDs.

“We strive to remain as efficient as possible while operating a world class facility. Efficiency Smart performed several comparisons to help us achieve optimal lighting conditions while reducing our overall electric consumption. They made the process very easy by working with our team to provide a better understanding of the available options. We look forward to working with Efficiency Smart again in the future.”

Mike McClure  
Plant Engineering Manager, NN, Inc.



### PROJECT FACTS AT A GLANCE

**Annual kWh Savings:**  
1,076,300

**Annual Cost Savings:**  
\$83,700

**Lifetime Cost Savings:**  
\$1,348,200

**Annual CO<sub>2</sub> Reduction:**  
2,048,300 pounds

### PROJECT PARTNERS

Bud McClurg,  
Plant Manager,  
NN, Inc.

Michael Dadian,  
Global Supply Chain Director,  
NN, Inc.

Mike McClure,  
Plant Engineering Manager,  
NN, Inc.

Steve Dupee,  
Village Manager,  
Village of Wellington