



NLA MEMBER FEATURE “IN THE LIMELIGHT” WITH MARTIN MARIETTA



This month, NLA is kicking off our new “Member Feature – **“In the Limelight”** series featuring Martin Marietta. We would like to thank Martin Marietta for their team’s assistance in developing the information for this feature.

A member of the S&P 500 Index, Martin Marietta is a U.S.-based company that, in addition to producing lime compounds, is a leading supplier of building materials, including aggregates, cement, ready-mixed concrete, and asphalt. Through a network of operations

spanning 28 states, Canada, and the Bahamas, dedicated Martin Marietta teams supply the foundational resources on which our communities thrive.



Martin Marietta's [Magnesia Specialties Division](#) produces high-purity magnesia and dolomitic lime products used worldwide in environmental, industrial, agricultural, and specialty applications. The division consists of two operations: one in Woodville, Ohio, and another in Manistee, Michigan. The Ohio location is a dolomitic lime plant (the largest dolomitic lime operation in North America), while the Michigan site utilizes lime as the primary raw material in its production of synthetic magnesium oxide and magnesium hydroxide products.

Martin Marietta has established a net-zero ambition for 2050 across all operations. Honoring this pledge will require investment and operational improvements. Magnesia Specialties Vice President of Operations Brad Vernier and General Manager Wade Weaver recognize the importance of setting goals for sustainability. “We are committed

to continuously improving our production processes in ways that enhance our fuel efficiency and reduce our carbon emissions. We're increasingly applying more advanced analytical tools to help achieve these goals," said Vernier.



Martin Marietta has already made notable improvements in reducing CO₂ emissions and recently installed three 1.5-megawatt wind turbines at its Woodville operation. While looking for more options to offset its carbon footprint, Martin Marietta learned about [One Power Company](#) (formerly One Energy), an Ohio-based industrial power company. One Power Company conducted engineering and wind studies at the Woodville site to ensure wind turbines were a viable option. As of April 2024, the turbines are in operation and are projected to

lower the lime plant's Scope 2 greenhouse gas (GHG) emissions by up to 10,000 metric tons per year. The turbines (each standing more than 400 feet tall) are also expected to generate 14 million kilowatt hours annually – enough to power 1,200 to 1,350 average-sized homes.

Not only do these wind turbines have a positive environmental effect, but they also have an impact on students studying science, technology, engineering, and mathematics (S.T.E.M.). Each year, three local students – one for each turbine – are awarded a \$5,000 scholarship to aid in their pursuit of a S.T.E.M. degree. "In each of the past two years, we have partnered with One Power Company to issue \$15,000 in scholarships to local high school graduates," said Weaver.



One recipient, Mason Brink, said the scholarship has been a financial "blessing" that he and his family greatly appreciate. "I am super excited to continue to pursue my education in pharmacy over the course of the next six years," the college freshman said.

To further emission reduction efforts, leadership at Martin Marietta's Woodville site has begun to evaluate solar power, which could complement the wind turbines, as wind is a more effective renewable energy source in winter while solar panels are most effective in summer. Seasonality of renewable energy is a common

issue and adopting both wind and solar would be an innovative solution toward year-round output, Weaver said.

Read more in Martin Marietta's most recent [Sustainability Report](#). You can also read NLA's Carbon Neutrality [Roadmap](#), which outlines industry net-zero goals.

The building materials provider also sets a great example in the area of safety and health. As a company, Martin Marietta is an industry leader in safety and its Magnesia Specialties Division recently surpassed one year without a reportable incident. Vernier credited this success to the team's ongoing efforts to identify safer, more sustainable, and more efficient practices and protocols.

Keep up with Martin Marietta on its [website](#), [LinkedIn](#), [Facebook](#), and [Instagram](#).

Keep up with the National Lime Association on [X](#), [LinkedIn](#), [Facebook](#), and [Instagram](#).