



6TH ANNIVERSARY TENNESSEE GREEN STAR PARTNERSHIP HIGHLIGHT

The Tennessee Green Star Partnership is proud to celebrate another year of the Partnership with our 6th anniversary article. Our partners exemplify quality, integrity, and sustainability, and our two new additions are no exception.

In 2022, we welcomed Nucor Steel and Koppers Performance Chemicals. Both facilities are in the Memphis area, and both are excellent examples of resource conservation, recycling, and efficiency.

2022 New Green Star Partners

- **Nucor Steel** of Memphis produces special bar quality (SBQ) steel using electric arc furnace technology. The production of steel has always involved massive water consumption. Nucor in Memphis recently reduced the use of water in their production from 300 million gallons per year to 90 million by reducing evaporation, blow down and discharge.
- **Koppers Performance Chemicals** of Millington produces several chemicals used in wood preservation. A few proprietary chemicals are MicroPro, MicroShades, Copper MEA carbonate and Copper Chromated Arsenate (CCA). Their manufacturing process utilizes millions of pounds of recycled copper in their main wood preservative product. The process is unique in that there is no production waste. All production is incorporated eventually into a finished product.

- The TN Green Star Partnership now has 59 Partners and is always growing.
- Providing networking opportunities for our industrial partners implementing sustainable practices since 2012.
- The partnership added two exceptional industries in 2022, while our existing partners continued to exemplify sustainable performance.
- The TN Green Star Partnership timeline can be found [HERE](#).

In calendar year 2021 Green Star Partners collectively achieved impressive metrics such as diversion of over 150,000 tons of solid waste from the landfill, conserving over 500 million tons of water and the reduction of well over 3,000 tons of hazardous materials. These milestones were accomplished while saving over 34 million dollars.

In early 2022 our annual [TDEC Pollution Prevention Industry Survey](#) helped staff identify what technical assistance topics to provide through our pollution prevention webinars and workshops . We would like to thank our many partners for their participation this year that featured varied and timely topics such as reducing the overall carbon footprint for your industry, diligence in reducing the use of hazardous chemicals and efforts toward materials reuse and recycling.

Take the opportunity to review our past and upcoming [P2 Webinar and Workshop Series](#) topics in 2023.

The Green Star Partners across the state showcase the variety of industries in our state with the goal of a sustainable Tennessee being the common thread between them.

As we end 2022, the Office of Sustainable Practices takes this opportunity to thank our partners once again for all they do.



Celebrating our latest partner industry, Nucor Steel in Memphis, with representatives from the TDEC Memphis Field Office.

We offer a convenient way to review all of the 2022 highlight articles:



[American Snuff Company of Clarksville](#)
American Snuff Company of Clarksville is the second-largest smokeless tobacco product manufacturer in the U.S. and an operating company of Reynolds American Inc., a member of the global BAT Group. Their moist snuff brands are some of the most popular brands for adult consumers in the U.S. market.



[Hitachi Energy](#)

Hitachi Energy Hitachi Energy of Alamo manufactures and assembles critical components for the nation's power grid infrastructure including bushings, tap-changers, and measurement and safety devices for worldwide and domestic customers such as Duke Energy and Dominion.



[NWI Nashville](#)

NWI Nashville , an NWI family company, has a long history in the machining, assembly, and processing of large aircraft assemblies. The company specializes in long and large parts up to 145 ft. in length and manufactures components for its aerospace customers.



[Volvo Penta Marine Products, LLC](#)

Volvo Penta Marine Products LLC of Lexington facility is Volvo Penta's premiere location for manufacturing the entire range of gasoline engines and many of the company's sterndrives are produced and then distributed worldwide.

The [Tennessee Green Star Partnership](#) is a voluntary environmental leadership program designed to recognize industries in the state that are committed to sustainable practices. If you are interested in joining other sustainable industries in Tennessee by becoming a member, please contact us.