



# TENNESSEE GREEN STAR PARTNERSHIP MEMBER HIGHLIGHT

Trane - Clarksville, TN



## Leading Provider of Indoor Comfort

By: Vaughn Cassidy

Trane is a subsidiary of Ingersoll Rand and is a leading provider of indoor comfort solutions and services. Trane Clarksville has been in operation since 1913 and manufactures commercial heating, ventilation and air condition (HVAC) units for residential, commercial, and industrial use that range in size from 12.5 tons to over 100 tons. The Clarksville site was built in 1958 and has expanded over the years to include 1.2 million square feet of production and warehouse space, which houses over 1,200 production, office, and seasonal employees. Trane Clarksville is the third of four major manufacturing facilities in Clarksville to become a Tennessee Green Star Partnership member.

"Being certified is an honor that our Trane team has worked hard to achieve," said Bob Ellis, Vice President of Facility Operations. "Our commitment to sustainability is integrated into every part of our business." Trane uses a popular and highly regarded software application called GenSuite to keep track of their environmental and energy accomplishments.

Clarksville's facility has 4 assembly lines producing unitary systems that provide single or multi-zone heating, cooling, and ventilation with innovative units like Voyager and IntelliPak's self-contained rooftop systems. Trane's units can be found across the country, from hospitals and schools to retail and data centers.

For the 2016 to 2017 business year Trane Clarksville had a facility-wide energy reduction of 3 percent and reduction in greenhouse gas emissions of 26 percent, all while growing their business by 1 percent. During that same period of time the facility also transitioned over one million sq. ft. of space to energy-efficient LED lighting, complete with occupancy sensors, restroom upgrades to waterless urinals and low-flow fixtures, upgraded air handlers and installed automatic shutdowns for equipment not in use.

Trane has managed to recycle 94 percent of its non-hazardous waste and reduced its hazardous waste generation by more than 50 percent. A large part of that reduction resulted from the installation of a solvent distillation unit that allowed the reuse of solvent.

## FEATURED THIS MONTH:

- Established 1958
- Employs 1,200
- Member since 2018



Trane recently transitioned to purchasing pre-painted metal sheets for certain production items, which eliminates the need for flammable solvent to clean out paint lines when changing colors is necessary. Trane also installed optical gas imaging cameras to help quickly, accurately, and safely detect refrigerant leaks without shutting down equipment. Trane has also converted its chemicals to those with non-VOC or low to no HAP content.

“Our employees have literally built sustainability into the company through innovation and giving back to the communities where we live and work,” said Rachel Friend, Environmental Engineer II for Trane in Clarksville. “I manage the facility and environmental programs to ensure production-reliant systems are running efficiently. I also maintain compliance with all applicable regulations, create and implement projects to reduce waste throughout the plant, and lead the Green Team.”

Rachel is an integral part of the Clarksville facility’s sustainability achievements, but she has tremendous support from fellow employees. In addition to producing industry leading commercial HVAC units, the employees in Clarksville are also dedicated to their community. Recognized by the United Way as a leading Community Partner, Trane employees consistently donate time and money to programs such as Big Brothers Big Sisters, Meals on Wheels, the Safehouse Shelter, and Austin Peay State University. The team also hosted a community yard sale this past spring to benefit USO Fort Campbell.

As one of the newest Tennessee Green Star Partners, Trane has been invited to take advantage of the [Tennessee Materials Marketplace](#), an online platform allowing businesses and organizations to connect and find reuse and recycling solutions for waste and by-product materials. In doing so, Trane can join 26 other Tennessee Green Star Partner industries in promoting and participating in Tennessee’s emerging circular economy.

The plant’s emphasis on continuous improvement and team collaboration cultivates an environment that encourages innovation and growth. The state-of-the-art facility, superior products, driven employees, and passion for giving back to the community make Trane Clarksville an example of excellence within our Tennessee Green Star Partnership.



*OUR VISION: “A world of sustainable progress and enduring results.”*

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 Trane and other sustainable industries in Tennessee by becoming a member, please contact us.

