quasar energy group has partnered with Haviland Plastic Products to construct a 1 MW anaerobic digestion renewable energy facility. Anaerobic digestion is a natural process where microorganisms break down biomass in the absence of oxygen. The technology is commonly used in Europe where there are more than 8,000 systems in operation today. In the United States, anaerobic digestion is emerging as a key component of the country’s renewable energy portfolio.

The Haviland system processes 116 wet tons per day of organic waste including: biosolids, regional food waste, FOG (fats, oils and greases) and manure. The energy created will be sold to the neighboring Haviland Plastic Products plant and will offset the need for traditional fossil fuels (coal or natural gas).

quasar is a Cleveland, Ohio, based waste-to-energy company. quasar designs, builds, owns and operates anaerobic digestion renewable energy systems.