



wooster, ohio

require sustainable waste management solutions

Location:

2072 Secrest Road
Wooster, OH 44691

Technology:

Anaerobic Digestion

Renewable Fuel Generation:

qng™: 1,650 gge per day

Renewable Electric Generation:

5,256 MWh annually

quasar's Anaerobic Digester:

Tank Capacity:
550,000 gallons

Normal Digestion Time:

28 days

Inputs:

Pumpable and high solids
organic biomass

Annual Inputs:

20,000 wet tons

quasar energy group's™ flagship renewable energy digester in the BioHio Research Park began the partnership between quasar, The Ohio State University's Ohio Agricultural Research and Development Center, the Ohio BioProducts Innovation Center (OBIC), the United States Department of Agriculture, the Ohio Department of Development, The OSU - Agricultural Technical Institute, the Wayne Economic Development Council, the City of Wooster and the BioHio Advisory Council in collaborating to improve Ohio's future. quasar's state-of-the-art laboratory and engineering facilities are also located on OSU's OARDC campus in Wooster, Ohio. As the first tenant of the park, quasar is proud to contribute to this economic development initiative by bringing clean, renewable energy to Ohio.

quasar is a Cleveland, Ohio, based waste-to-energy company using proven, advanced anaerobic digestion technology to recycle energy from organic waste. quasar designs, builds, owns and operates complete mix systems that process organic waste to produce clean, renewable energy and valuable byproducts.

ANAEROBIC DIGESTION - Anaerobic digestion is a natural process where microorganisms break down organic waste materials (biomass) in the absence of oxygen. The technology has been commonly used on farms in Europe, with over 8,000 systems in operation today.

THE FUTURE IS CNG - With the support of Clean Fuels Ohio, quasar has installed a compressed natural gas (CNG) fueling station at the Wooster, Zanesville, Columbus, and Cleveland facilities. quasar natural gas™ (qng™) is an environmentally friendly and less expensive alternative to gasoline and diesel.

PRESERVING OUR ENVIRONMENT - quasar systems improve the regional environment by diverting organic waste from landfills and incinerators and processing it naturally to produce clean, renewable energy and nutrient rich soil amendments.



Sustainable technology solutions...



energy

economy

environment