

fairborn, ohio

require sustainable waste management solutions



Ringler Energy
progressive agriculture

Location:
Fairborn, Ohio

Technology:
Anaerobic Digestion

Renewable Energy:
Electricity:
800 kW per hour

quasar's F980:
Tank Capacity:
750,000 gallons

Normal Digestion Time:
28 days

Annual Inputs:
42,000 wet tons

quasar energy group has expanded its collaboration with a third-generation livestock company to build their second joint partnership anaerobic digestion system in Fairborn, Ohio. This facility adds to Ringler Energy's (Dovetail Energy) growing on-farm anaerobic digester system, allowing the company to offer full-service organic residuals management and advanced environmental stewardship. The Dovetail Energy project manages manure and regional organic residuals to produce electricity that will be sold to the utility grid.

Dovetail Energy is a 2013 recipient of a USDA Rural Energy for America Program (REAP) grant and loan guarantee. The funding helps reduce their energy consumption and costs and use renewable energy technologies in their operations. Funds awarded under the program were used to install and incorporate **quasar's** specialized renewable energy technology and anaerobic digestion system.

Preserving Our Environment

The digester manages manure produced by the on-site livestock operations and regional organic residuals. In addition to renewable energy, anaerobic digestion produces a nutrient rich fertilizer product (equate) that can be easily applied to fields at agronomic rates. equate is an ecofriendly alternative to traditional fertilizers such as land application of manure or chemical products.

Sustainable technology solutions...



energy



economy



environment