



Ringler Energy
progressive agriculture

Location:
Ashley, Ohio

Technology:
Anaerobic Digestion

Renewable Energy:

Electricity:
800 kW per hour

qng™ Fuel:
550 gge per day

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

Normal Digestion Time:
28 days

Annual Inputs:
42,000 wet tons

quasar energy group has partnered with a third-generation livestock company to build an anaerobic digestion system in Ashley, Ohio. The construction of an on-farm anaerobic digester allows Ringler to offer full-service organic residuals management and advanced environmental stewardship. The Ringler Energy project will manage manure and regional organic residuals to produce electricity that will be sold to the utility grid. Ringler Energy is a 2011 recipient of a USDA Rural Energy for America Program (REAP) grant and loan guarantee.

Phase two of the project will include construction of a compressed natural gas fueling station that will power Ringler's fleet of more than 40 trucks. Anticipated CNG production from biogas is approximately 550 gasoline gallon equivalents (gge) per day.

Preserving Our Environment:

The digester will manage 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