



# columbus, oh

require sustainable waste management solutions



**Location:**

2506 Jackson Pike  
Columbus, OH 43223

**Technology:**

Anaerobic Digestion

**Renewable Fuel Generation:**

**qng™:**  
3,600 gge per day

**Renewable Electric Generation:**

1MW per hour

**quasar's Anaerobic Digester:**

**Tank Capacity:**  
2,100,000 gallons

**Normal Digestion Time:**

28 days

**Inputs:**

Pumpable and high solids  
organic biomass

**Annual Inputs:**

90,000 wet tons

**quasar energy group™ (quasar)** partnered with Kurtz Bros., Inc. and the Solid Waste Authority of Central Ohio (SWACO) to construct and operate the Columbus renewable energy facility. The system processes biosolids from the City of Columbus, regional food waste and FOG (fats, oil and grease), generating 3,600 gasoline gallon equivalents each day.

**THE FUTURE IS CNG** - With the support of the Ohio Department of Development's State Energy Program, **quasar** has installed a compressed natural gas (CNG) fueling station at the Columbus facility. **quasar natural gas™ (qng™)** is an environmentally friendly and less expensive alternative to gasoline and diesel. Production of **qng™** reduces our dependence on foreign sources of fuel and contributes to growing Ohio's clean energy economy.

**EPA Renewable Fuels Standard 2 Program (RFS2):** **quasar** is listed as an approved Renewable Fuel Producer under the EPA's RFS2 Program. **quasar** generates renewable identification numbers (RINs) from renewable fuel sold for transportation at the Columbus anaerobic digester. The fueling station is open to the public Monday through Saturday.

**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