

Planet Found

Planet Found Energy Development

- Anaerobic Digester linked with Nutrient Capture System
- Poultry litter from 6 houses turned into slurry
- Slurry processed through anaerobic digester to produce methane for heat & electricity
- Methane used to heat and run system and excess capacity to supply energy to farm
- Particulate fraction treated w/struvite to extract phosphorus and nitrification/denitrification system removes ammonia
- Partitioned nutrient by-products will be marketed/used on farm as fertilizer products
- Dried solids considered slow release fertilizer product w/improved N:P ratio

Status: Planet Found

- Commissioning AD began in spring 2017
- System fully operational as of June, 2017
- Using 2 tons litter/day
- Monitoring component - fully instrumented, data collection initiated

