

Biogas plant Great Ynys Orcop, Herefordshire, England



Operator
Ynergy Ltd.

Commissioning
2011

Inputs
Maize silage
Broiler manure
Cattle slurry (seasonal)

Technical data

Digester $d = 18 \text{ m}$, $h = 6 \text{ m}$; $V = 1,526 \text{ m}^3$, with wall and base heating, wooden ceiling, PlanET gas storage roof
Agitator: PlanET eco paddel, PlanET eco turbo

Digestate storage $d = 21 \text{ m}$, $h = 6 \text{ m}$; $V = 2,078 \text{ m}^3$,
Agitator: PlanET eco turbo

CHP 250 kW_{el}. 2G Agenitor Gas engine

Solid charger PlanET Multitrotor Vario 28 m³

Local heat concept

The self-made electricity powers the farm's poultry houses and biogas plant before the surplus power is fed into the grid.
The generated heat provides warmth for the chicken houses – replacing costly fuel oil and propane gas.


Biogastechnik
planen, bauen & service

PlanET
Biogastechnik GmbH
Up de Hacke 26
48691 Vreden
Germany

Phone: +49 (0) 2564/3950-0
Fax: +49 (0) 2564/3950-50
info@planet-biogas.com
www.planet-biogas.co.uk