

GREENHOLM FARMS

Embrow, Ontario



Case Study

Input Biomass: Dairy Manure (140 cows)
Culled Potatoes

Commissioned: January 2013

Technical Data: One (1) 2,078 m³ Primary Anaerobic Digester
FAN Separator
18 m³ dry feeder

Total Power: 250 kW

Greenholm Farms is a 750-acre family-owned & operated dairy and cash crop operation. They chose to install a biogas plant because they believed it to be the most reliable option for renewable energy. The energy produced is sold to the local grid while the heat generated by the engine is reused to maintain the temperature in the digester, an office and the owners' home. The liquid produced by the digestion process is used as nutrient-rich fertilizer on the farm.



PlanET Biogas Solutions Inc.
56-113 Cushman Road
St. Catharines, Ontario
Canada L2M 6S9

T – 905-935-1969
F – 905-935-7498
info@planet-biogas.ca
www.planet-biogas.ca