

Carleton Corner Farms

Ontario, Canada



Electrical output: 500 kW | Commissioning: 2012 | Dairy Farm



Technical Data

- **Digester:** 1,527 m³ Primary; 1,500 m³ Secondary
- **Roof System:** PlanET eco® Cover
- **Pre-Storage:**
- **CHP:** 500 kW MWM Package
- **Mixers:**
- **Digestate Storage:**
- **Dry Feeding System:** PlanET Vario XX m³
- **PlanET Pasteurizer:** eco hyco® 2 m³
- **Substrates:** **Liquid** Dairy Manure, Fats Oils & Greases, Industrial By-Products

Carleton Corner Farms is one of the largest dairy operations in Eastern Ontario. The farm has a 450-stall barn; 600 head of cattle, and includes 1,600 acres of corn, soy, alfalfa & wheat. Installing a biogas system has dramatically reduced odours and pathogens. Local restaurants deliver the grease, keeping it out of waterways and landfills. The owners started delivering electricity to the grid in June 2012 and have run at full capacity since August 2012. Heat is used to heat the dairy operation, as well as the home, hot tub and swimming pool.

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