

Fraser Valley Biogas

British Columbia, Canada



Electrical output: 1.8 MW | Commissioned: 2012 | Cofermentation AD plant with biogas upgrading



Technical Data

- **Pre-Storage Tanks:** 2x 65 m³ each
One submersible mixer in each
- **Digesters:** 2x 2,714 m³ each (Primary & Secondary)
Mixers: 4 PlanET eco[®] Turbo Mixers
- **Dry Feeding System:** PlanET Vario, 38 m³
- **PlanET Pasteurization System:** 2x 2 m³
- **Substrates:** Dairy manure, broiler & chicken manure, Fats, Oils & Greases (FOG), Dissolved Air Floatation (DAF)
- **FlowTech Biogas Upgrading Unit**

Fraser Valley Biogas utilizes on-farm manure and off-farm food waste to produce methane and high quality fertilizer. The biogas is upgraded to Renewable Natural Gas quality and injected into Fortis BC's natural gas distribution grid for use in thousands of homes throughout BC. The fertilizer is used by farmers to grow local crops and support farmers in their nutrient management plans.

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