

FOR IMMEDIATE RELEASE



Lethbridge Biogas is Getting GreenER with PlanET!

Lethbridge Biogas is increasing their waste diversion stream with PlanET's eco® Hyco hydrolysis technology.

For the past 2 years, the 2.8MW biogas plant in Lethbridge, Alberta produced the equivalent electrical energy to power 2,800 homes, diverting up to 120,000 tonnes of organic waste from landfills each year. With this hydrolysis expansion, Lethbridge Biogas is federally permitted to increase their waste diversion to include the processing of deadstock, along with other animal waste products containing Specified Risk Material.

The revolutionary approach taken by Lethbridge Biogas sets a new standard for treatment of animal carcass processing and will provide renewable electricity and land applicable fertilizer which is void of harmful pathogens. PlanET's Hydrolysis technology is a high-pressure sterilization unit (180°C, 40 minutes, 12 bar). The residual process heat from the digesters is partly used to supply the tanks with heat. Additionally, a thermal oil heat exchanger will be installed to reduce the needed energy to heat the high-pressure sterilization unit.

Lethbridge, Alberta, Canada: Lethbridge Biogas LP officially opened the largest anaerobic digester/co-generation facility in Canada in 2013. It has the capacity to produce as much as 4.2 MW in the future with the addition of new generating units. The facility has received funding from the Alberta Government, Department of Energy and from the Climate Change and Emissions Management (CCEMC) Corporation.

PlanET Biogas Group: PlanET Biogas Solutions Inc. is a subsidiary of PlanET Biogastechnik GmbH. With headquarters in Germany, the PlanET Biogas Group has designed & constructed more than 400 biogas plants worldwide. PlanET is one of the world leaders in the biogas industry, employing more than 200 people around the world.

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