

Biogas Conditioning

Modular, customizable biogas treatment solutions.



Key Benefits

- Effective removal of H_2S , NH_3 , siloxanes, VOCs, and water from raw biogas
- Energy-efficient and highly automated systems reduce OPEX, increase uptime, and extend equipment life
- Turnkey systems to meet project requirements
- Designed, fabricated, and tested in North America, with on-site and remote service teams across the continent



Biogas conditioning system installed at the Petawawa Water Pollution Control Plant in Ontario, Canada.



Anaergia Solution

- **Lead-lag contaminant removal vessels** help ensure smooth, continuous operation with minimal interruption.
- **High flow range and operator-friendly process controls** reduce the need to flare, and streamline maintenance and inspection work.
- **Systems are shipped skidded, with complete electrical and automation works**, and certified by third-party inspectors for easy installation and commissioning in any location.
- **Anaergia's in-house modelling** and design creates tailor-made systems for unique specifications and end-uses.
- **Controls and process streams** can be integrated with other Anaergia products to maximize economic benefit.
- **Comprehensive commissioning**, warranty, and service offerings mitigate risk and ensure successful operation.
- **Emissions-reducing alternative** avoids flaring, permits, and fines.



Applications

- Clean raw biogas from various organics feedstocks—agricultural waste, municipal waste, wastewater treatment plant co-digestion, or food waste.
- Remove a wide range of contaminants to meet desired quality requirements.
- Generate revenue when combined with Anaergia's BUG™ biogas upgrading system, or reduce utility costs with CHP generation.

