

A Payback with ADI-BVF® Anaerobic Treatment "Biogas Energy"

The patented* ADI-BVF® anaerobic reactor can be a cost-effective alternative, offering a payback on your investment. Typical payback periods from our system range from three to five years and usually result from one or more of the following:

- Using the biogas produced as a source of energy
- Significantly reducing electrical energy (aeration) requirements
- Significantly reducing sludge handling and disposal costs
- Reducing surcharges when discharging to a municipality

Customers that have benefitted from using biogas as an energy source include:



Potato Processing Plant, PEI, Canada

Biogas is used to displace bunker C fuel in process boilers. It may also be used as fuel for the spark-ignited gas engines in the cogeneration plant.



Dairy and Municipality, CA, USA

The City of Tulare, a municipal client treating a combination of dairy and domestic waste, uses the biogas from the anaerobic reactor in a cogeneration facility that renders the waste treatment facility self-sufficient with regard to electrical energy.



Dairy, MD, USA

Morningstar Foods burns biogas in combination with either oil or natural gas in a process boiler, displacing 40 to 60 percent of fossil fuel.



Potato Processing Plant, France

Biogas is used in this McCain's plant to displace 10 to 20 percent of the natural gas used for producing process steam.

*US Patent Nos. 4,672,691; 5,505,848; 5,587,080; Canada Patent Nos. 1253266; 2,096,852; Mexico Patent No. 190898



Potato Processing Plant, WA, USA

Twin City Foods burns its biogas in the plant's boilers, resulting in a 10 to 15 percent reduction in natural gas requirements.



Various Facilities, India

Several facilities in India use biogas as an energy source, sometimes completely displacing other sources of fuel.



Corn Wet Milling Plant, IN, USA

Biogas is used by A.E. Staley to reduce natural gas consumption in feed dryers.



Brewery, BC, Canada

The Town of Creston burns biogas to increase the efficiency of the waste treatment digester.



Potato Processing Plant, ID, USA

Biogas is used in J.R. Simplot's process plant boilers, reducing fuel requirements.



Pharmaceutical Plant, IL, USA

Abbott Laboratories' plant boilers use the biogas to displace fossil fuel.

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