

# Biogas

## BIOREFINING PROCESS SOURCE

[Anaerobic digestion](#)

## DESCRIPTION

Biogas is the major product of anaerobic digestion. It is 60-80 percent methane, with carbon dioxide and trace gases comprising the balance. Biogas can be fired like most natural gas streams, although most applications require that the gas be cleaned to remove corrosive trace elements.

## PRICE

Biogas replaces natural gas (\$5.582/MMBtu<sup>1</sup>, although this fluctuates throughout the year), but biogas must be cleaned before use, reducing its effective price.

## MARKET SIZE

Large

## REFERENCES

<sup>1</sup> Natural Gas Weekly Update. US Department of Energy Energy Information Administration.  
<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp> (23 April 2004)