



AMERICAN BIOGAS COUNCIL

Last updated February 13, 2019

List of Biogas-Related Acronyms

AD	Anaerobic Digestion
ADC	Alternative daily cover
ALK	Alkalinity
BD	Big Daddy (Bernie Sheff)
BMP	Biochemical Methane Potential
BNR	Biological Nutrient Removal
BOD	Biochemical Oxygen Demand
BTU	British Thermal Units
CEPT	Chemically Enhanced Primary Treatment
CF	Cubic Feet
CH₄	(chemical formula for) Methane
CHP	Combined Heat and Power
CNG	Compressed Natural Gas
CO₂	(chemical formula for) Carbon Dioxide
COD	Chemical Oxygen Demand
CSTR	Continuously Stirred Tank Reactor/ Total Mix Digester
DAF	Dissolved Air Flootation
FOG	Fats, oils, and grease
FS	Fixed Solids
GGE	Gallon of gasoline equivalent
ICE	Internal combustion engine
HRT	Hydraulic Retention Time
HSAD	High Solids Anaerobic Digestion
KG	kilogram
kWh	Kilowatt hour
MGD	Million Gallons per Day
MHI	Multiple Hearth Incinerator
MJ	Megajoule
MMBTU	Million British Thermal Units
MSS	Marin Sanitation Service
MSW	Municipal Solid Waste
MW	Megawatt
MWh	Megawatt Hour
NH₃	(chemical formula for) Ammonia
OLR	Organic Loading Rate
O&M	Operations and Maintenance

pH	Measure of the acidity or alkalinity of a solution, 1-14 (<7 = acidic; >7=alkaline/basic)
PLC	Programmable Logic Controller
PPA	Power purchase agreement
RFS	Renewable Fuel Standard
RIN	Renewable Identification Number
RNG	Renewable Natural Gas
RVO	Renewable Volume Obligations
SRB	Sulfate-reducing Bacteria
SRT	Solid Retention Time
TDS	Total Dissolved Solids
THP	Thermal Hydrolysis Process
TK	Total Potassium
TN	Total Nitrogen
TP	Total Phosphorus
TS	Total Solids
TSS	Total Suspended Solids
TWAS	Thickened Waste Activated Sludge
UASB	Upflow Anaerobic Sludge Blanket
VA	Volatile Acids
VFA	Volatile Fatty Acids
VFD	Variable Frequency Drive
VS	Volatile Solids
W	Watt
WRRF	Water Resource Recovery Facility
WWTF	Wastewater Treatment Facility