



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 |