

Gaseous fuels provided to Global's Thermoelectric Generators:⁽¹⁾

1. Shall not contain any particulates larger than 30 μm diameter, including but not limited to sand, dust, gums, crude oil, and impurities.
2. Shall not have a hydrocarbon dew point in excess of 0°C (32°F) at 170 kPa_g (25 psi_g).
3. Shall not contain more than 7 mg/Sm³ ⁽²⁾ (approx. 5 ppm) of H₂S.
4. Shall not contain more than 60 mg/Sm³ (approx. 88 pmm) of Mercaptan Sulphur.
5. Shall not contain more than 200 mg/Sm³ (approx. 294 ppm) of total Sulphur.
6. Shall not contain more than 10% [CO₂] and/or [N₂] by volume, nor vary more than +/- 1% [CO₂] and/or [N₂] during operation.
7. Shall not contain more than 120 mg/Sm³ of water vapour.
8. Shall not contain more than 1% by volume of free oxygen.
9. Shall have a nominal gross heating value of:

Natural Gas:	37 MJ/Sm ³ (1000 BTU/cu.ft.) ⁽¹⁾
Propane/LPG:	93 MJ/Sm ³ (2500 BTU/cu.ft.) ⁽¹⁾
Butane:	108 MJ/Sm ³ (2900 BTU/cu.ft.) ⁽¹⁾
10. Shall not exceed 60°C (140°F) in temperature.

Notes:

(1) - For gaseous fuels outside of these specifications, please contact Global Thermoelectric.

(2) - Sm³ = Standard cubic meter of gas at 101.325 kPa at 20°C (NIST).



Power where you need it.

