

# Megawatt in a Box

## 1,000 kWe Continuous Natural Gas Generator



Marson Energy's fully self-contained 53' L x 8 1/2' W x 9 1/2' H generation unit provides 1,000 kWe output. The unit includes switchgear and space for optional heat recovery equipment. Capital and operating leasing options are available to bring your generator online on time and on budget. To learn more about Marson Energy please visit our web site at [www.marsonenergy.com](http://www.marsonenergy.com) or call (570) 663-9292.

### Features of the 1,000 kWe/CHP Optional Natural Gas Generator

- Combined heat and power (CHP) available with 2.5 MBTU/hr up to 4.5 MBTU/hr available at full load
- Rating 1,000 kWe net output @ 480V, 60Hz plus 200 kva VAR support or 1,000 kWe net output @ 400V 50 Hz
- Fuel: natural gas, landfill gas and propane
- 56 liter spark-ignited high-efficiency 16 cylinder engine, 9,600 BTU/kwh
- High efficiency generator
- Only 6 psi gas pressure required for operation, no gas compressor needed
- 74 dBA sound level at 7 meters
- Utility grade automatic paralleling 600V class switchgear
- Operate in groups of 1-200
- Capable of dial up modem, SCADA or Internet remote operation
- Total turnkey installation, operation and maintenance available
- Installations available for purchase or lease
- Options include mobile or custom-permanent step up transformers, load transferring-islanding switchgear, and emission catalyst systems

### Applications

- Provides stability in the volatile energy industry
- Provides immediate, short-term power to capacity-deficient locations during peak use
- Provides backup/emergency power generation
- Cuts electric and heating/cooling bills when combined heat and power (CHP) capabilities are utilized
- Variety of gas fuels allows your organization to choose an environmentally-friendly solution
- May be used as part of select utilities' demand response or self-generation programs, earning rebates or reduced rates for your organization

