

Specification	CIPR-25Z
Engine	
Make	Zenith
Model	2.8L
Ignition System	Coil Over
Total Displacement	2800cc
Aspiration	Natural
Speed	1800
Standby Power Rating	38 kVa, 30 kW
Prime Power PRP (LP Gas)	31 kVa, 25 kW
Lube Oil Capacity (Std Pan)	3.8 liters
Alternator	
Make	Mecc Alte
Model	ECP28-VL
Regulator	DSR
Main Circuit Breaker	100 amps
Power Distribution	
Standard Distribution Panel:	<ul style="list-style-type: none"> • 4 x 120v GFCI, 20 Amp Duplex • 2 x 125/250v 30 Amp twistlock • 2 x 125/250v 50 amp twistlock <ul style="list-style-type: none"> • 1 x Set of 400amp Rated Cam Lock Plugs (5 Wire) • Hard Wire Lugs
Machine	
Dimensions	80.5" x 44" x 50"
Weight (*Changes by Spec)	2,555 lbs

Powered by proven prime rated engines.



CIPR Prime - Designed for propane and natural gas operation.

Proven fuel cost and emissions reduction vs. diesel.
 Field proven reliability that keeps your operation powered!



Prime Power Design

Prime rated, 24/7 operation gaseous fuel generators.

No 755-1001f Units are designed to conform to Canadian Electrical Code

Designed for portable rental applications - Our commitment is to develop the highest quality equipment in order to provide real world solutions for demanding applications.


We use Industrial Zenith engines—they power productivity. But power alone isn't enough. With today's razor-thin profit margins and increasingly volatile fuel prices, companies expect more and more of their engines. We utilize durable, fuel-flexible, emission-conscious engines that don't compromise power or performance.

These engines are purpose built for gaseous fuel operation - using both vapor propane or natural gas.

- Continuous duty engine design.
- Engine head components purpose built for dry NG/LP
- Advanced catalytic converter system reduced environmental impact



- The unit requires a minimum of 7" and a maximum of 14" of gas pressure.
- This is a true 25kW prime power unit, most diesels are 18-20kW.



Units: Metric

Gas Fuel Source: Natural Gas

GAS POWER OPERATING COST AND EMISSIONS CALCULATOR

Delivered Fuel Cost (¢)		Cost Per MMBTU (\$)	
1.25	\$/Litre	Diesel	\$33.94
0.296	\$/M3	Natural Gas	\$8.37

*Energy Content Source: National Energy Board Canada

You are not purchasing fuel you are purchasing energy. Gaseous fuels provide extremely competitive operating costs and reduced emissions outputs over diesel engines.

Generator Model: CIPR-25P

Generator Voltage: 240

Engine: 3.0L GM

Configuration: I4, E-Controls

Standby Power: 31.25 kVa / 25 kW

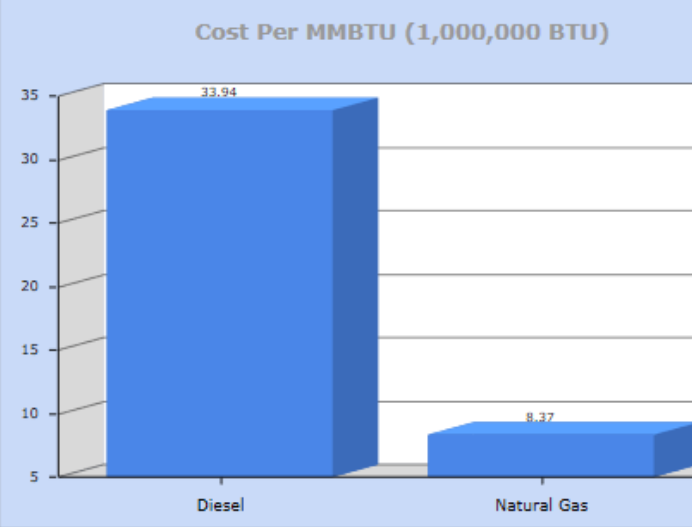
Prime Power: 28.75 kVa / 23 kW

Standby Amps: 75 Amps*

Prime Amps: 69 Amps*

Phase: 3Ø

Cost Per MMBTU (1,000,000 BTU)



Fuel Type	Cost Per MMBTU (\$)
Diesel	33.94
Natural Gas	8.37

Fuel Consumption (PRP=Prime Power)

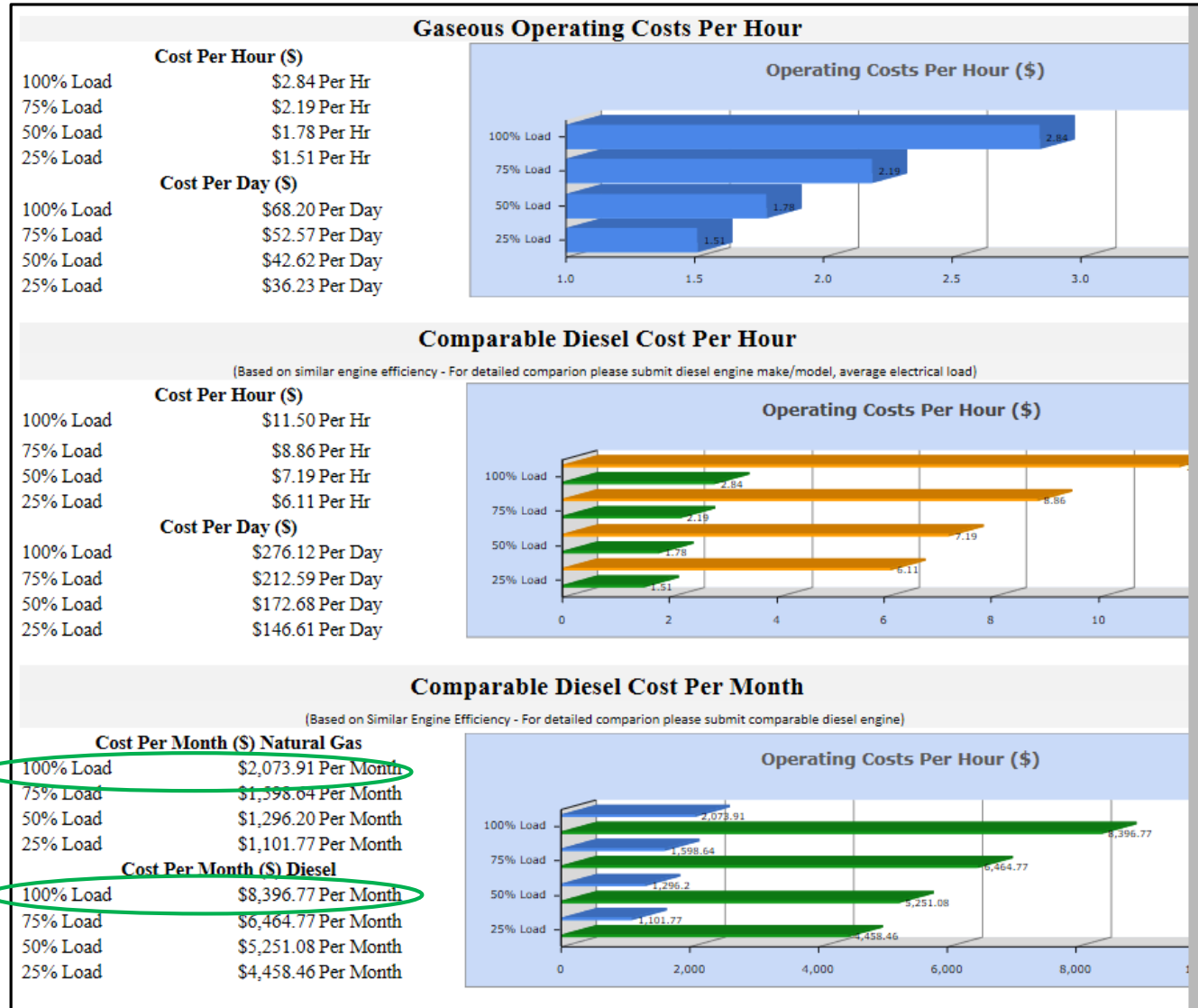
PRP	Fuel Consumption (M3/HR)	BTU/HR
@ 100% PRP	9.6	339,000
@ 75% PRP	7.4	261,000
@ 50% PRP	6	212,000
@ 25% PRP	5.1	180,000

Emissions Output (1 Hour)


Propane and Natural Gas fuel source have significant emissions reductions vs. diesel engines of comparable output. On average there is a 170-200% reduction, even of full TIER IV machines

Pollution Control Efficiency	~199% Reduction
CO Output	~174% Reduction
Particulate Matter Output	~190% Reduction

- This calculated savings of Diesel vs Natural Gas assumes the above delivered costs (\$1.25/litre for diesel, and \$0.296/Cubic metre for NG) and is based on the CIPR-25
- This can be customized based on your delivered actual costs



- **\$6,323 savings** per month per unit vs diesel fuel, or **75% Savings** (at 100% load). In addition, the customer can save an additional \$500 per month by avoiding the rental of a fuel cube, as well as the cost of downtime when a unit runs out of diesel fuel.



Units: Metric

Gas Fuel Source: Propane Gas

GAS POWER OPERATING COST AND EMISSIONS CALCULATOR

Delivered Fuel Cost (¢)		Cost Per MMBTU (\$)	
1.25	\$/Litre	Diesel	\$33.94
0.65	\$/Litre	Propane Gas	\$26.86

*Energy Content Source: National Energy Board Canada

You are not purchasing fuel you are purchasing energy. Gaseous fuels provide extremely competitive operating costs and reduced emissions outputs over diesel engines.

Generator Model: CIPR-25P

Generator Voltage: 240

Engine: 3.0L GM

Configuration: I4, E-Controls

Standby Power: 35 kVa / 28 kW

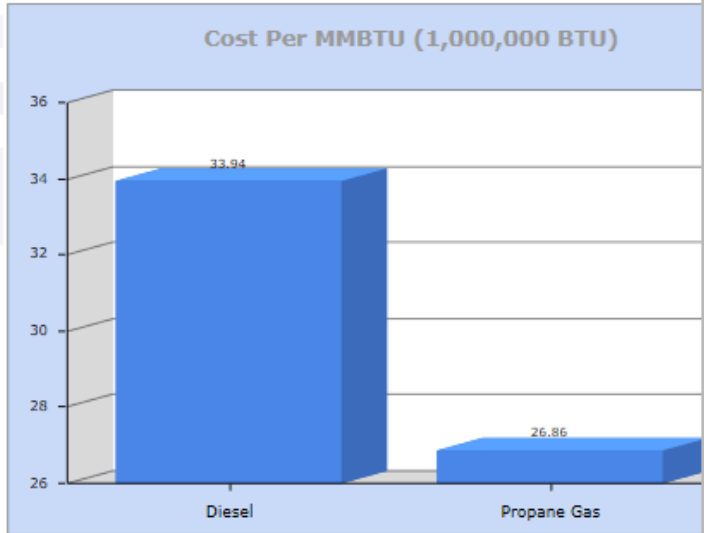
Prime Power: 32.5 kVa / 26 kW

Standby Amps: 84 Amps*

Prime Amps: 78 Amps*

Phase: 3Ø

Cost Per MMBTU (1,000,000 BTU)



Fuel Source	Cost Per MMBTU (\$)
Diesel	33.94
Propane Gas	26.86

Fuel Consumption (PRP=Prime Power)

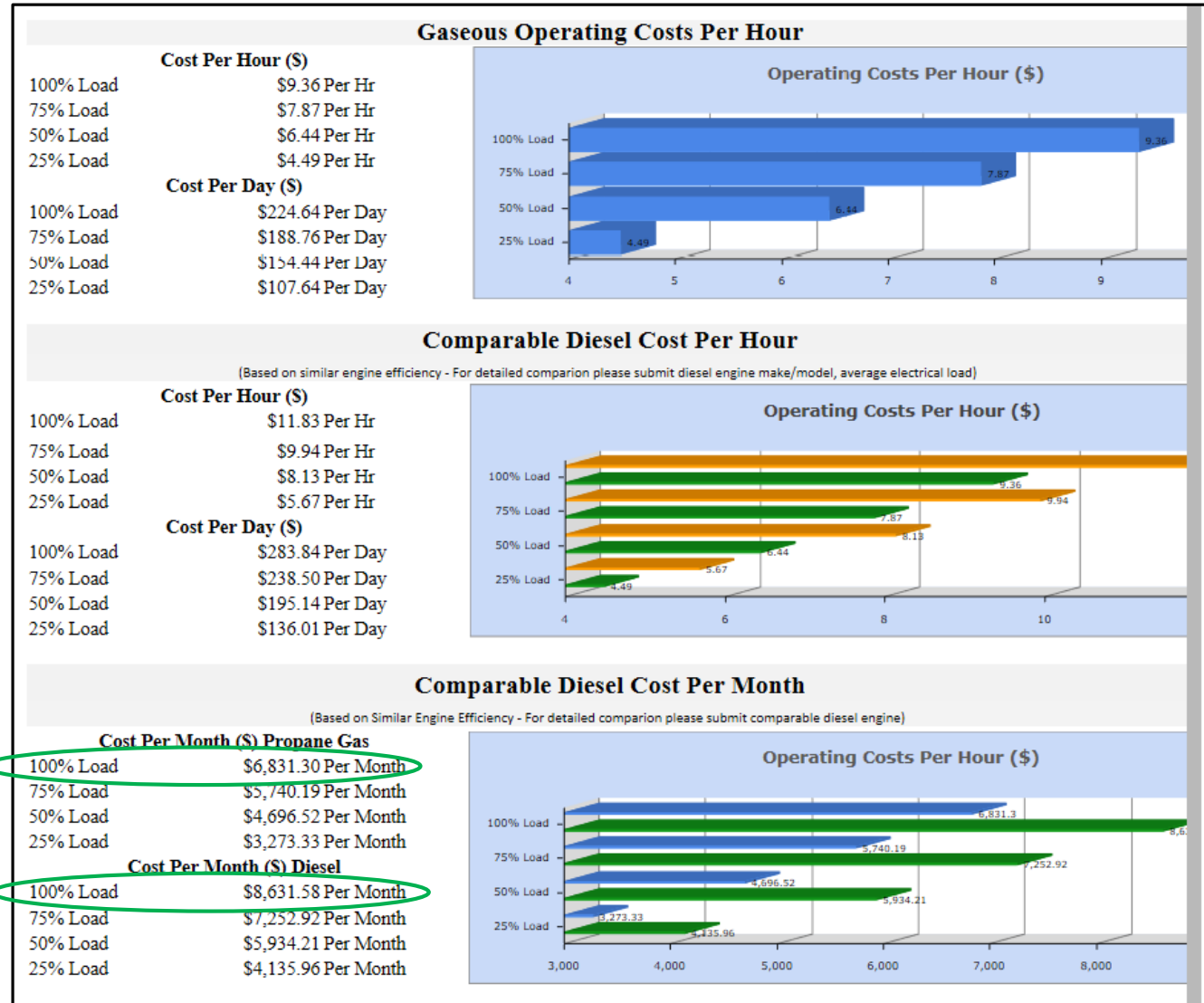
Load	Fuel Consumption (LPH)	BTU/HR
Fuel Consumption @ 100% PRP :	14.4 LPH	348,480
Fuel Consumption @ 75% PRP :	12.1 LPH	292,820
Fuel Consumption @ 50% PRP :	9.9 LPH	239,580
Fuel Consumption @ 25% PRP :	6.9 LPH	166,980

Emissions Output (1 Hour)

Propane and Natural Gas fuel source have significant emissions reductions vs. diesel engines of comparable output. On average there is a 170-200% reduction, even of full TIER IV machines

Pollution Control Efficiency	~199% Reduction
CO Output	~174% Reduction
Particulate Matter Output	~190% Reduction

- This calculated savings of Diesel vs Liquid Propane assumes the above delivered costs (\$1.25/litre for diesel, and \$0.65/litre for Propane) and is based on the CIPR-25
- This can be customized based on your delivered actual costs



- \$1,800 savings** per month per unit vs diesel fuel, or **21% Savings** (at 100% load). In addition, the customer can save an additional \$500 per month by avoiding the rental of a fuel cube, as well as the cost of downtime when a unit runs out of diesel fuel.