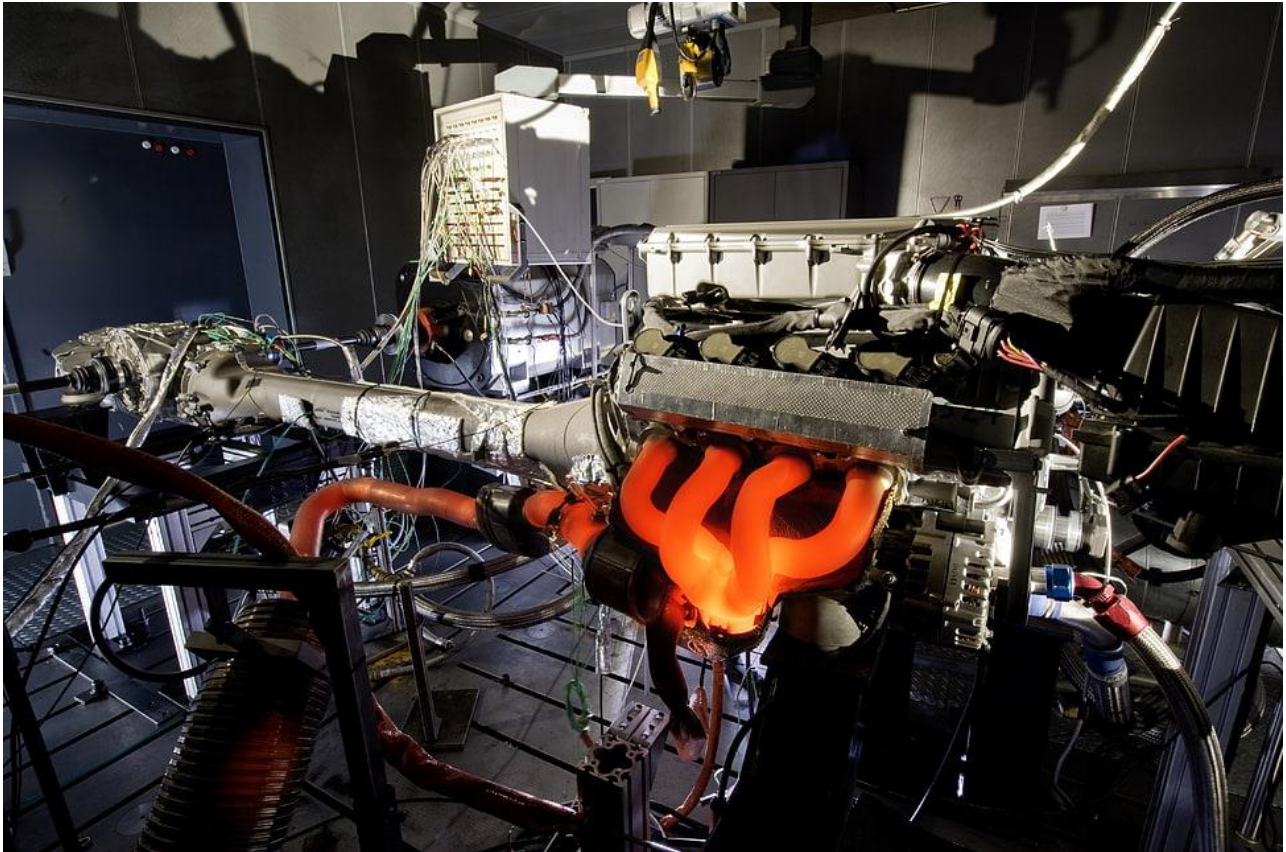




Hydrogen in the Power Industry

SOLUTIONS MENU AUTUMN 2019



**Note : Rare High Technology Parts are Subject to
Co Operation, Communication, Planning and Availability.**



Dear Team

Initial schedule is to focus hydrogen and mixed gas engines and turbines
We have several variations to the technology, depending on the scale and size demands of each project.

The following are key engine and fueling products we offer for your prompt decision and start. It should be noted we focus on Hydrogen Fueled from Tanks, ON demand and or Gas Grids along with Ammonia fueled.

In addition we would like to mention and invite your requests and order support on biomass, biogas and natural lpg engine ordering. As it further strengthens h2 product base progression to stay in place and team busy.

We have from 20 kw to 3 mw sizes of engines 4 cylinder to v18 in a variety of engine brands which we convert with our technologies.

If you would like these item's I invite you to order and commence promptly to allow me time to change my Q4 schedule and discuss with my team the work and focus on building and creating these for you before we break for Christmas New Year .

Terms are purchase order, than final order invoice issue is issued.

- Pay 60 % deposit for each item ordered
- Ad 40% prior to export on SGS inspection and ship schedule being issued.

Hope you will seize the timing and offers and commence

Piece list Attached

Warm Regards

Daniel Donatelli

Founder

Secure Supplies Group

Mb + 1 520 848 1659 [Danieldonatelli1@gmail.com](mailto:danieldonatelli1@gmail.com)





Hydrogen Fueled and Hybrid Fuel Price List

Prices CIF to Your Port Canada USD \$

	<p>50 KW Cummins Power Plant</p> <p>Fuel injected with modern Technologies on board Natural Gas /Hydrogen/ or Mixed Gas fuels includes Sound proof Case and CHP System</p>	<p>Sold as Set only USD \$68,000 (Start 60% Deposit)</p>
	<p>Hydrogen Fuel Maker Unit 5500 L/h 91/100M GTNT Gas</p> <div style="border: 1px solid black; padding: 5px;"> <p>5500 L/h 91/100M GTNT Gas. Power consumption: 16-19kw/h, water consumption: 2.96L/h Gross weight: 570KGS, Size: 1400*960*1820mm</p> </div>	
	<p>Hydrogen Fuel Maker Unit Duel Maker 333.33L/M</p> <div style="border: 1px solid black; padding: 5px;"> <p>20000 L/h gas output. Power consumption, 75-78kw/h 380V three phases, Water consumption, 10.75L/h Gross weight: 18,00kg, Size: 2450*1150*2200mm</p> </div>	<p>\$49,000 Each SKU # MP 288-1</p>
	<p>400 KW Cummins V12 Engines Power Plant</p> <p>Fuel injected with modern Technologies on board Natural Gas /Hydrogen/ or Mixed Gas fuels includes Sound proof Case and CHP System</p>	<p>USD \$180,000 Each (Start 60% Deposit)</p>



MW CLASS PREMIUM ROTARY VALVE HYDROGEN ENGINES



Hydrogen Fueled and Hybrid Fuel Price List MW CLASS PRIME POWER



Our Premium Prime Power Engines from USA Are Rotary Valve they are high rpm hold load rated for 24 hrs constant use Above 500 kw we recommend these more expensive engine as they are design for very dry lean gas and have many very advanced technologies to enable long term run times at load. Pictured is our 50 to 150 kw Model Prices \$170,000 CIF Can be used on Ships etc

V12 V16 V18 Shown Below Can be from .2 MW to 3 MW Sizes (above 3 MW we move to gas turbines)


Hydrogen Fueled Engines and Power Plants



Secure 50L 1 MW
50 ltr
12 cylinder
1 MW
Consumption
H2 kg/hr
7.88/ 10.38
Low Load/High Load
Retail 1.2 Million
3,440 cu ft /hr
97.35199 Nm3/hr



Secure 60L 1.2 MW
60 ltr
16 cylinder
1,350 KW
Consumption
H2 kg/hr
9.6801/12.58
Low Load/High Load
Retail 1.5 Million
3,803 cu ft /hr
107.70096 Nm3/hr



Secure 91 1.7 MW
91.6 ltr
18 cylinder
1,700 KW
Consumption
H2 kg/hr
11.71/ 15.22
Low Load/High Load
Retail 1.9 Million
4,600 cu ft /hr
130.272 Nm3/hr

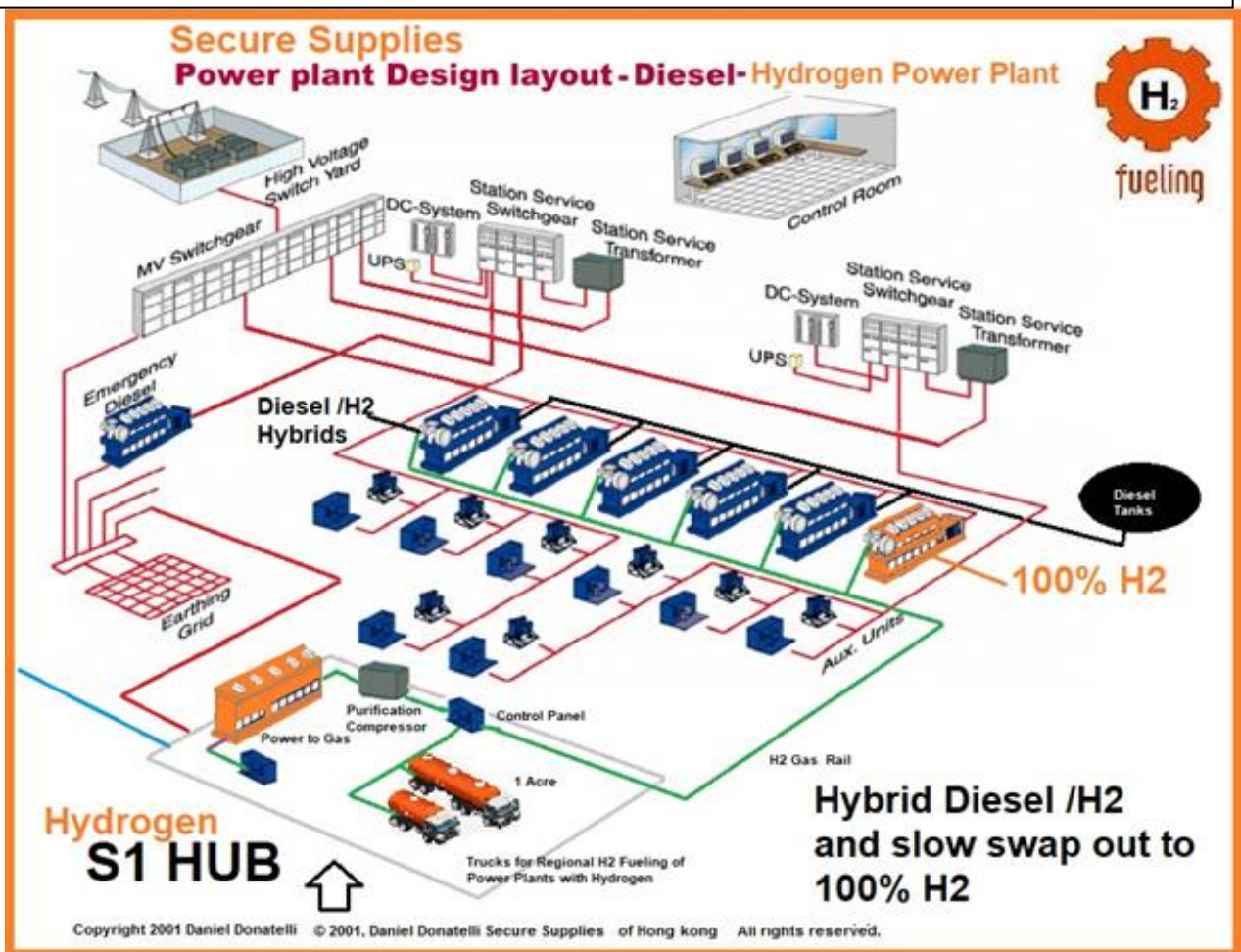
Low Maintenance Costs
47% Fuel Conversion to Power Efficiency Warranty 2 Years Life Span 25 Years
Copyright 2001 Daniel Donatelli © 2001, Daniel Donatelli Secure Supplies All rights reserved.



PRIME POWER LARGE SCALE SUPPLEMENTATION OF DIESEL /LPG FOR PEAKER PLANTS




The Following pictures shows how we can approach and start by converting in diesel engine hubs, (Prime power diesel engine Peaker plant sites). We Need to slowly start to become acquainted with the engineers on site learn their engines and operations. We can than plan to install a S1 **Step 1 Acre Package**. We call the S1 the Swiss army knife start option. As we can configure to meet the many needs of our clients. In the below diagram we use S1 to in a first step take about 1.2 mw from a 20 mw facility to make hydrogen. We time shift delivery of h2 fuel and feed it , to offset the diesel fuel costs and emissions . We install and replace 1 diesel engine to be 100% hydrogen fueled replacement. We can than slowly and correctly train engineers about the hybrids fueling and also using the new engines. This drops the total emission a lot and immediately drops the fueling costs for site and creates a new ROI stream . Also any excess fuel can be sold.

Secure Supplies is able to, enter into O& M and Service operation Agreements.



Current MW CLASS Turbine Stock on Offer

**EACH MW CLASS TURBINE includes a 50 Kw Hydrogen fueled Rotary Cummins
and a 75 KW Mini Turbine**

	<p>6 pc x Kawasaki HEAVY INDUSTRY Top Tier</p> <p>Premium KHI x 6.5 Mw Gas Turbines with CHP and LPG Gasoline Or Mixed Fuel With control rooms sound case Fully Serviced CIF to your Port</p>	<p>39 MW/ 6.5 MW each USD \$1,980, 00 CIF Each</p>
	<p>3 pc Kawasaki HEAVY INDUSTRY Top Tier</p> <p>Premium KHI 4.3 Mw Gas Turbines with CHP and LPG Gasoline Or Mixed Fuel With control rooms sound case Fully Serviced CIF to your Port</p>	<p>12.9 MW / 4.3 MW each USD \$1,470, 887 CIF Each</p>
	<p>1 pc x Kawasaki HEAVY INDUSTRY Top Tier</p> <p>Premium KHI x 5 Mw Gas Turbines with CHP and LPG Gasoline Or Mixed Fuel With control rooms sound case Fully Serviced CIF to your Port</p>	<p>5 MW USD \$980,000 CIF Each</p>



fueling

Mini Turbines

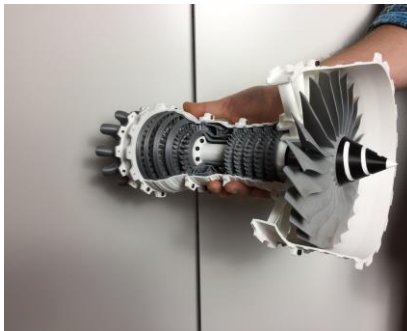


Power & Heat



Secure Supplies Group

MINI GAS TURBINES

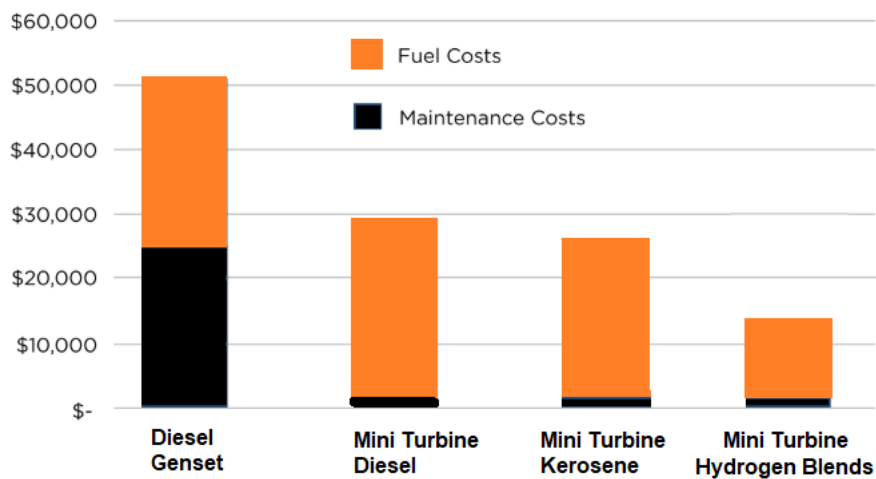


75 Multi Stage Compress
Turbine Power Plant
Fuel injected with modern
Technologies on board
Natural Gas /Hydrogen/
or Mixed Gas fuels
includes boiler and heat
exchange systems for AIR
includes Sound proof Case
and CHP System

USD \$34,900 Each
Minimum order 2 pc
(Start 60% Deposit)

*For Heating Deployment we use the
Catalytic Heat Value from our
Special Barrier Heat Exchanges
not the Fuel TU Heat Value
Cat to Steam Available.*

**Telecom Tower
3 year OPEX savings**





Current MW CLASS Turbine Stock on Offer

S1

Step 1 Energy Storage Plant 1mw
SEE WEB PAGE HERE

<https://www.secure-supply.com>



1 Acre 1mw Storage Plant Foundation Step

S1 Priced

Survey Design \$25,000

Civil, Mechanical, Gas Electric Engineering

Total installed price Aprox \$5,500,000

S2

Step 2 Storage and Distribution Systems 1 Acre PRODUCTION STORAGE SCALE UP Step
SEE WEB PAGE HERE

<https://www.secure-supply.com/hydrogen-farm-build-project-picture>



S2 Priced

Survey Design \$25,000

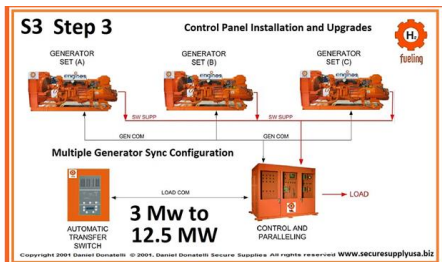
Civil, Mechanical, Gas Electric Engineering

Total installed price Aprox \$2,500,000

S3

Step 3 Engine Backup Hubs Prime Power Peaker Plants 1 ACRE Gas to Power Scale up
SEE WEB PAGE HERE

<https://www.secure-supply.com/step-3-s3-engine-hubs>



S3 Priced

Survey Design \$25,000

Civil, Mechanical, Gas Electric Engineering

Can use Engines or Turbines

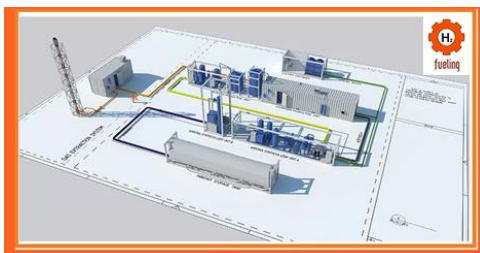
From 5 mw to 20 mw Price Varies indication

Total installed price Aprox \$5,800,000

S4

Step 4 Ammonia Supply & Delivery 1 ACRE Liquid and Profits Scale up
SEE WEB PAGE HERE

<https://www.secure-supply.com/copy-of-ammonia-2nh3>



S4 Priced

Survey Design \$25,000

Civil, Mechanical, Gas Electric Engineering

Total installed price Aprox \$2,500,000



Boiler And Furnace Projects



Boiler, Kiln, Heaters, Dryers, Anti Frost, Incinerators, Furnace Autoclave and De Ice-ing units.

Secure Supplies Has Developed a Range of Not only Hydrogen Fueled Fan Force Flames Burners. But Also a Range of No Flame Versions of Gas to Steam and Auto Claves the First in the World.

<https://www.secure-supply.com>



Flame Units

Range of Sizes for Establishment or Replacement of your old fueling systems

Total installed price Aprox \$ POA

CALL or Text Dan + 1 520 848 1659

Secure Supplies hydrogen fueled steam boiler systems provide the energy required for sterilization and purification, with an overall minimum performance of 2,500 kg/h.

The new system consists of two modern steam boilers which are controlled by touchscreen. The boiler controls incorporate all functions required for reliable boiler operation which will meet your demands. Diverse system data can be analyzed, evaluated and transparently displayed via a traffic light model using the Condition Monitoring integrated software.

This makes for a constantly high level of system efficiency and availability. The system's additional equipment includes a water service module. It provides both boilers with de-aerated and chemically treated feed water. The entire boiler system is introduced into a container unit. The implementation is carried out by Secure Supplies Team as Required, in close cooperation with Your On Site Engineers. A fast and simple installation is guaranteed, thanks to the compact design of the SS Boiler series and the modules which come ready for connection with our Hydrogen Fuel Makers .



Terms

Engines and Mini turbines

60% Deposit

40% prior Export

Lead time 70 Days

MW Class Turbines

10% Deposit

40% after 45 Days and Inspections

60% prior to Export

Lead time 70 Days

Deposit and Pre Shipment Payments

All other Design Survey Works

LOI Purchase order and 50% Deposit 50% on completion

WELLS FARGO BANK, N.A.

Oakland brank Ca USA

Account name Daniel Thomas Donatelli

aba routing number 121042882

Account number 3947634956

Savings

Or

Bank of Ayudhya: Branch of Central Phuket

ACCOUNT NAME: Mr. Daniel Thomas Donatelli

ACCOUNT NUMBER: 465 -1 -030 879

SWIFT CODE: AYUDTHBKXXX

ADDRESS: Central Festival Shopping Centre Koh Phuket 83000

TEL : 076 367 005-6