

## Two (2) 7 MEGAWATT V-16 ENTERPRISE GEN-SETS/Power Plant

### General:

- Fourteen (14) Megawatts total between both units
- Approximate hours –14,700 & 12,300
- Both are in pristine condition
- Everything you could possibly need to run them on gas or liquid fuel is included
- All the gas regulators, filters, air start, pumps, motors, cooling, exhaust, air intake filters, an assortment of spare parts, manuals, test equipment, etc. are also included
- They are currently configured to run on # 2 fuel, however, they will run on bio diesel, # 6 fuel oil (HFO), bunker fuels, mixed industrial fuel, LNG, LPG or methane (note: all gas conversion equipment is included)
- Units are currently off line and in a heated dry facility

### Tech Data

#### Engines (2):

Manufacturer: Deval Engine & Compression Division, Oakland California, USA

ModelDGSRV-16-4

Serial numbers: 86004-3135 & 86005-3136

Manufacture date: 12/12/87

Fuel: Dual fuel (Fuel oil or digester gas, Natural Gas)

Installation: Stationary

Configuration: 45 degree Vee

Number of cylinders: Sixteen (16)

Bore/Stroke: 17 X 21 inches

Brake Mean Effective Pressure: 192 PSI

Specific Fuel Consumption: 6400 BTU/BTU Hr @ 192 BMEP –Original guarantee dual fuel operation  
0.346 LB/BHP-Hr @ 192 BMEP –Original  
guarantee full diesel operation

Rated Horsepower: 8338

Rated Speed: 450 RPM

Starting System: Pilot air, Gear driven distributor

Displacement/Cylinder: 4766.6 cubic inches

Total Displacement: 72,265.6 cubic inches

Flywheel diameter: 90 inches

Intake valve clearance: 0.04 inch

Exhaust valve clearance: 0.04 inch

Fuel advance: 22K8-23 LB BTDC

Cooling System: Heat Exchanger Cooled (requires water source, i.e. City water, ocean, lake, river, etc.)

### **Tech Data Generators (2):**

**Manufacturer: Louis Allis**

**Type: TBGZBDJP**

Frame: 1X-34

Volts: 4160

Duty: Continuous

KVA: 8750

KW: 7,000

Phase: 3

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Hertz: 60  
F L Amps: 1214  
PF: 0.08  
RPM: 450  
Ins Class: F  
Temp Rise: 80  
Max AMB: 40  
Field Amps: 4.5A  
Field Volts: 100  
Stator weight: 29,912 lbs  
Rotor weight: 41,170 lbs  
Total weight: 80,900 lbs  
Phase sequence: ABC T1.T2.T3  
CW Rotation Facing Conn End

**AuxiliaryEquipment:**

All Mufflers, Air Intakes, Plumbing, Controls and gear shown in the following pictures to complete the plant. Everything but the building and fixtures themselves