

## 26.4 Megawatt Diesel Power Plant [Inventory ID #1228601]



### 26.4 Megawatt Diesel Power Plant

- Make: Caterpillar
- Model: 6 Units x C280-16 w/ Kato Generator
- Condition: Used, Reported in Good Condition
- Fuel: Diesel
- kW: 26,400kW
- Voltage: 4160 Volts
- Frequency: 60Hz
- Phase: 3-Phase
  
- General Model Specifications:
  - Engine: 6 Units
    - Make: CAT
    - Model: C280-16
    - Horsepower: 5,500HP Each
    - Engine Speed: 900 RPM
    - Fuel: Diesel/Distillate
    - Fuel Type: Diesel
    - Year and Usage:
      1. **Year:** 2006; **Hours:** 49,190 hrs
      2. **Year:** 2006; **Hours:** 57,066 hrs - Major Rebuild 2015
      3. **Year:** 2006; **Hours:** 58,067 hrs - Major Rebuilt At 35,000 hrs
      4. **Year:** 2006; **Hours:** 57,385 hrs - Major Rebuilt 2015
      5. **Year:** 2014; **Hours:** 17,271 hrs
      6. **Year:** 2018; **Hours:** 3,755 hrs

- Electrical: Kato Engineering 8P11-4000
  - 6 Units - One Per Engine
  - kW: 26400kW Total
    - 4,400kW Each
  - Voltage: 4160 Volts
  - RPM: 900 RPM
  - Frequency: 60Hz
  - Phase: 3-Phase
  - Voltage Selector: No
  - One ABB 1200A, 4160V, 50kA Breaker Per Genset
  
- Six Heat Recovery Boilers
  - Make: Cain
  - Model: HRSR-472D26SSP
  - Quantity: 6 Units
  - Designed for 60% Glycol/Water Loop
  
- Six Stacks
  - Four built in 2006, one in 2014, one in 2018
  - 33m Self-Supporting Exhaust Towers
  - Double Wall Insulated Flues
    - 28in Diameter
    - 316 SST Inner Flue
    - 4in Ceramic Insulation
    - 304 SST Outer Casing
  
- Additional Inclusions and Notes:
  - Switch Gear
  - Motor Control Centers
  - Water Jacket Heat Exchanger
    - 30kW, 600 Volt, 60Hz, 3-Phase Power
  - Radiators
    - 1 Sutton Stromart Per Engine
    - Air-Cooled Heat Dump
  - Cold Weather Package
  - Spare Parts Including Turbos, Extra Heads, etc.
  
- Location: Canada

View More [Diesel Power Plants](#)