



Electrical Systems  
of Maine, Inc.

**GENERAC**  
**INDUSTRIAL  
POWER**

**Date:** 12/18/17

**To:** Cape Elizabeth Facilities and Transportation

**Attn:** Perry Schwarz

**Reference:** Generator

Electrical Systems of Maine is your local Generac Industrial generator dealership. Our factory trained technicians are certified to install, start up, service, and perform warranty work on anything we sell. We are your one stop shop for generators, installation, service and support.

We are pleased to offer the following quote for the procurement and installation a **Generac 80KW 240/120v 2P Diesel fueled generator.**

Quantity 1 - Generac Industrial diesel engine-driven generator set with turbocharged 4-cylinder 4.5L engine, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 80 kW Rating, wired for 120/240 VAC single phase, 60 Hz
- Brushless Excitation
- Level 2 Acoustic Enclosure, Aluminum
  - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- EPA Certified
- SCAQMD
- H-100 Control Panel
  - Meets NFPA 99 and 110 requirements
  - Temp Range -40 to 70 degrees C
  - Digital Microprocessor:
    - Two 4-line x 20 displays, full system status
    - 3 Phase sensing, +/-0.25% digital voltage regulation
    - RS232, RS485 and Canbus remote ports
    - Waterproof connections
    - All engine sensors are 4-20ma for minimal interference
    - Programmable I/O
    - Built-in PLC for special applications
  - Engine function monitoring and control:
    - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
    - Isochronous Governor, +/-0.25% frequency regulation
    - Full system status on all AC output and engine function parameters
    - Service reminders, trending, fault history (alarm log)
    - I2T function for full generator protection
    - Selectable low-speed exercise
  - HTS transfer switch function monitoring and control
  - 2-wire start controls for any 2-wire transfer switch
- Air Filter Restriction Ind

- 21 Light Annunciator - Surface
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- 110 AH, 925 CCA Group 31 Battery, with rack, installed
- Coolant Heater, 1500W, 120VAC
- 24" 189 Gallon Double-Wall UL142 Basetank
  - Mechanical fuel level indicator gauge
  - Electronic fuel level sender
  - Emergency Vent
- Remote Emergency Stop Switch, Surface-Mount, shipped loose
- 3 Owner's Manuals
- 120V GFCI and 240V Outlet
- 8 Position Load Center
- Engine Run Relay
- Oil Temp Sender
- MLCB, 100% rated thermal-magnetic
  - 400 Amp
- Standard 2-Year Limited Warranty
- SD0080AG174.5D18HBL3

**Included in the installation package**

1. Provide and install the above mentioned generator
2. Rigg generator into place
3. Provide and install generator feed wire and terminate in the transfer switch and generator
4. Provide and install wire for generator controls and terminate
5. Provide and install generator estop per 2017 code
6. Install transfer inhibit circuit for the elevator
7. Program existing transfer switch
8. First tank of fuel
9. Factory Start up, load bank testing
10. Freight and delivery to site

**Total project cost - \$38,986.52 not including tax**

Net 30 days, subject to review and approval by our Credit Dept. Payment obligations are not dependent or contingent upon the manner in which purchaser may receive payment from others. No retainage against this order will be permitted unless agreed to ahead of time. Warranty is invalid without factory start up. Start up will be done during normal business hours. Additional charges will be applied to start ups requested on weekends or off normal business hours.

**Sincerely,**

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Matt Tassinari  
 General Manager  
 Electrical Systems of Maine  
 1200 Minot Ave,  
 Auburn, ME 04210  
 207-783-7126  
 matt@electricalsystemsofmaine.com

**Acceptance of Quote** \_\_\_\_\_

Prior to ordering equipment or services, please sign and return as a confirmation of the above terms and conditions



Electrical Systems  
of Maine, Inc.

**GENERAC**  
**INDUSTRIAL  
POWER**

**Date:** 04/02/18

**To:** Cape Elizabeth Facilities and Transportation

**Attn:** Perry Schwarz

**Reference:** Generator

Electrical Systems of Maine is your local Generac Industrial generator dealership. Our factory trained technicians are certified to install, start up, service, and perform warranty work on anything we sell. We are your one stop shop for generators, installation, service and support.

We are pleased to offer the following quote for the procurement and installation a **Generac 80KW 240/120v 2P propane fueled generator.**

- Stationary Emergency-Standby rated
- 80 KW Rating, wired for 120/240 VAC single phase, 60 Hz
- Brushless Excitation
- Level 2 Acoustic Enclosure, Aluminum
  - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- EPA Certified
- H-100 Control Panel
  - Meets NFPA 99 and 110 requirements
  - Temp Range -40 to 70 degrees C
  - Digital Microprocessor:
    - Two 4-line x 20 displays, full system status
    - 3 Phase sensing, +/-0.25% digital voltage regulation
    - RS232, RS485 and Canbus remote ports
    - Waterproof connections
    - All engine sensors are 4-20ma for minimal interference
    - Programmable I/O
    - Built-in PLC for special applications
  - Engine function monitoring and control:
    - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
    - Isochronous Governor, +/-0.25% frequency regulation
    - Full system status on all AC output and engine function parameters
    - Service reminders, trending, fault history (alarm log)
    - I2T function for full generator protection
    - Selectable low-speed exercise
  - HTS transfer switch function monitoring and control
  - 2-wire start controls for any 2-wire transfer switch
- LP Vapor fuel system
- 21 Light Annunciator - Surface
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- 110 AH, 925 CCA Group 31 Battery, with rack, installed
- Coolant Heater, 1500W, 120VAC

- Remote Emergency Stop Switch, surface-mount, shipped loose
- Std set of 3 Manuals
- 120V GFCI and 240V Outlet
- 8 Position Load Center
- Engine Run Relay
- Flex Fuel Line
- Oil Temp Sender
- MLCB, 100% rated thermal-magnetic
  - 400 Amp
- Standard 2-Year Limited Warranty
- SG0080AG188.0V18HBLA

**Included in the installation package**

1. Provide and install the above mentioned generator
2. Rigg generator into place
3. Provide and install generator feed wire and terminate in the transfer switch and generator
4. Provide and install wire for generator controls and terminate
5. Provide and install generator estop per 2017 code
6. Install transfer inhibit circuit for the elevator
7. Program existing transfer switch
8. Factory Start up, load bank testing
9. Freight and delivery to site

**Total project cost - \$36,112.13 not including tax**

**Estimates on additional work required**

1. Propane piping -	+\$2500.00 +/-
2. Additional Propane Tank 1000 gal	+\$2500.00+/-
3. Excavation to burry tank (if possible)	+\$2500.00+/-
4. First fill up (800 gallons)	+\$1200.00+/-
<b>Total estimated additional cost to install propane</b>	<b>+\$8700.00+/-</b>

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