



#1

## McCordsville Town Hall Generator

3/9/2021

Electrical Scope of Work

### Scope of Work Includes

Relocate existing 125kW Generator from Wastewater garage to Town Hall for back up of 400 amp LEA Panel.

Placed on concrete pad per attached map.

First tank of fuel.

Re-tap generator to match required voltage of new location.

Service and test generator.

Install new automatic transfer switch.

### General Conditions/Notes:

No warranty for existing existing generator.

Wiring Methods

<tab:1.PVC or HDPE for underground.

EMT for exposed interior spaces.

Copper conductors for all branch and feeder circuits.

### Exclusions:

Any overtime or shift work unless referenced above.

Any allowance for submitting drawings to state or other entities.

Sales Tax

**Price** **\$63,000.00**

Accepted by

\_\_\_\_\_  
Your Company Name

\_\_\_\_\_  
Signature

Sincerely,  
Todd Hutchins  
Estimating Director  
317-804-9009  
[toddh@hustonelectric.com](mailto:toddh@hustonelectric.com)



**McCordsville Town Hall Generator**

3/9/2021

Electrical Scope of Work

**Scope of Work Includes**

~~125~~<sup>150</sup> kW Generator for back up 400 amp LEA Panel.  
Placed on concrete pad per attached map.  
First tank of fuel.

**New 150kW Generator**

C150D6D, Diesel Genset, 60Hz, 150kW  
U.S. EPA, Stationary Emergency Application  
C150D6D, Diesel Genset, 60Hz, 150kW  
Duty Rating - Standby Power (ESP)  
Listing - UL 2200  
NFPA 110 Type 10 Level 1 Capable  
Emission Certification, EPA, Tier 3, NSPS CI Stationary Emergency  
Voltage - 120 / 208, 3 Phase, Wye  
Alternator - 60Hz, 12L, 208 / 120V, 120C, 40C Ambient  
Alternator Heater, 120 Volt AC  
Aluminum Sound Attenuated Level 1 Enclosure, with Exhaust System  
Enclosure Color - Green, Aluminum  
Enclosure - Wind Load 180 MPH, ASCE7-10  
Skidbase - Housing Ready  
UL142 Sub Base Dual Wall Basic, Diesel Fuel Tank, 24 Hour Minimum  
Fuel System Alarm - None  
Fuel Water Separator  
Low Fuel Level Switch, 40%  
Mechanical Fuel Gauge  
Switch - Fuel Tank, Rupture Basin  
Control Mounting - Left Facing  
PowerCommand2.3 Controller  
Gauge-Oil Pressure  
Stop Switch - Emergency  
Control Display Language - English  
Load Connection - Single  
Circuit Breaker, Location A, 200A - 600A, 3P, LSI, 600 Volts AC, 100%, UL  
Bottom Entry, Right  
Exciter / Regulator - Permanent Magnet Generator, 3 Phase Sensor  
Engine Governor - Electronic, Isochronous  
Engine Starter - 12 Volt DC Motor  
Engine Air Cleaner - Normal Duty  
Battery Charging Alternator  
Battery Charger - 6 Amp, Regulated  
Engine Cooling - Radiator, High Ambient Air Temperature, Ship Fitted  
Warning - Low Coolant Level  
Extension - Coolant Drain  
Engine Coolant - 50% Antifreeze, 50% Water Mixture  
Coolant Heater, Extreme Cold Ambient  
Engine Oil Heater - 120 Volts AC, Single Phase  
Engine Oil





#2

Genset Warranty - 2 Years Base  
Literature - English  
Packing - Skid, Poly Bag  
Battery Rack  
Extension - Oil Drain  
Battery-Wet, 12V, Group 31 Type A, 445-950Amp  
Annunciator-Panel Mounted With Enclosure (RS485)  
OTECC, OTEC Transfer Switch-Electronic Control: 300A/400A/600A  
OTEC400, Transfer Switch, PowerCommand, 400 Amp  
Listing - UL 1008 / CSA Certification  
Application - Utility to Genset  
Cabinet - Type 1  
Poles - 3 (Solid Neutral)  
Frequency - 60 Hz  
System - 3 Phase, 3 or 4 Wire  
Voltage - 208 Volts AC  
Genset Starting Battery - 24V DC  
Clock - Exercise, External  
Transfer Switch Warranty - 1 Year Comprehensive  
Service - start-up & testing

**General Conditions/Notes:**

One year warranty from Substantial Completion.  
Wiring Methods  
<tab:1.PVC or HDPE for underground.  
EMT for exposed interior spaces.  
Copper conductors for all branch and feeder circuits.

**Exclusions:**

Any overtime or shift work unless referenced above.  
Any allowance for submitting drawings to state or other entities.  
Sales Tax

**Price** **\$94,000.00**

Accepted by

\_\_\_\_\_  
Your Company Name

\_\_\_\_\_  
Signature

Sincerely,  
Todd Hutchins  
Estimating Director  
317-804-9009  
[toddh@hustonelectric.com](mailto:toddh@hustonelectric.com)





#3

## **McCordsville Town Hall Generator**

3/9/2021

Electrical Scope of Work

### **Scope of Work Includes**

New 250kW Generator for back up 800 amp Main Distribution Panel.

Placed on concrete pad per attached map.

First tank of fuel.

### **New 250kW Generator**

DQDAA, Genset, Configurable Diesel

U.S. EPA, Stationary Emergency Application

250DQDAA, Diesel Genset, 60Hz, 250kW

Duty Rating - Standby Power (ESP)

Emission Certification, EPA, Tier 3, NSPS CI Stationary Emergency

Listing - UL 2200

Voltage - 120 / 208, 3 Phase, Wye

Alternator - 60Hz, 12 Lead, Broad Range, 105C

Exciter / Regulator - Permanent Magnet Generator, 3 Phase Sensor

Steel Sound Attenuated Level 1 Enclosure, with Exhaust System

Enclosure Color - Green, Steel

Wind Rating - 150 MPH, Steel Housing

Fuel Tank - Sub Base, 500 Gallon, UL142 Compliant

Listing, ULC - S601 - 07

Fuel Tank - Dual Wall Sub - Base, 24 Hour Minimum Capacity

Alarm - High Fuel Fill

Fuel Water Separator

Control Mounting - Left Facing

PowerCommand 2100 Generator Controller

Backlit Digital Control Display

Analog Meters - AC Output

INTERFACE - COMMS NETWORK, FTT - 11

Control Display Language - English

Circuit Breaker or EB or TB - Right Only

Terminal Box - Low Voltage, Left - None

Circuit Breaker - 1200A, Right Circuit Breaker on Right side, 3 - Pole, UL 600, IEC 690, 100%

Load Connections Left Side - None

Bottom Entry, Right

Indication - Ground Fault

Auxiliary contacts / Trip Alarm - Single Circuit Breaker

Engine Governor - Electronic, Isochronous

Engine Starter - 24 Volt DC Motor

Engine Air Cleaner - Normal Duty

Battery Charging Alternator

Engine Cooling - Radiator, High Ambient Air Temperature, Ship Fitted

Warning - Low Coolant Level

Engine Coolant - 50% Antifreeze, 50% Water Mixture

Coolant Heater - 120V, Single Phase

Engine Oil

Genset Warranty - 2 Years Base

Literature - English







Packing - None, Base Mounted Housing  
Battery Charger-10Amp, 120/208/240VAC, 12/24V, 50/60Hz  
Battery-Wet, 12V, 4D, 1050CCA  
Annunciator-Panel Mounted With Enclosure (RS485)  
OTEC, OTEC Transfer Switch-Electronic Control: 1200A  
OTEC1200, Transfer Switch- , PowerCommand, 1200 Amp  
OTEC1200, Transfer Switch- , PowerCommand, 1200 Amp  
Listing - UL 1008 / CSA Certification  
Application - Utility to Genset  
Cabinet - Type 3R  
Cable Lugs - Mechanical, 4 - 750 MCM / Pole  
Poles - 3 (Solid Neutral)  
Frequency - 60 Hz  
System - 3 Phase, 3 or 4 Wire  
Voltage - 208 Volts AC  
Genset Starting Battery - 24V DC  
Control Panel, Security Key Cover  
Clock - Exercise, External  
Transfer Switch Warranty - 1 Year Comprehensive  
Service - start-up & testing

**General Conditions/Notes:**

One year warranty from Substantial Completion.  
Wiring Methods  
<tab:1.PVC or HDPE for underground.  
EMT for exposed interior spaces.  
Copper conductors for all branch and feeder circuits.

**Exclusions:**

Any overtime or shift work unless referenced above.  
Any allowance for submitting drawings to state or other entities.  
Sales Tax

<i>Price</i>	<i>\$155,000.00</i>
--------------	---------------------

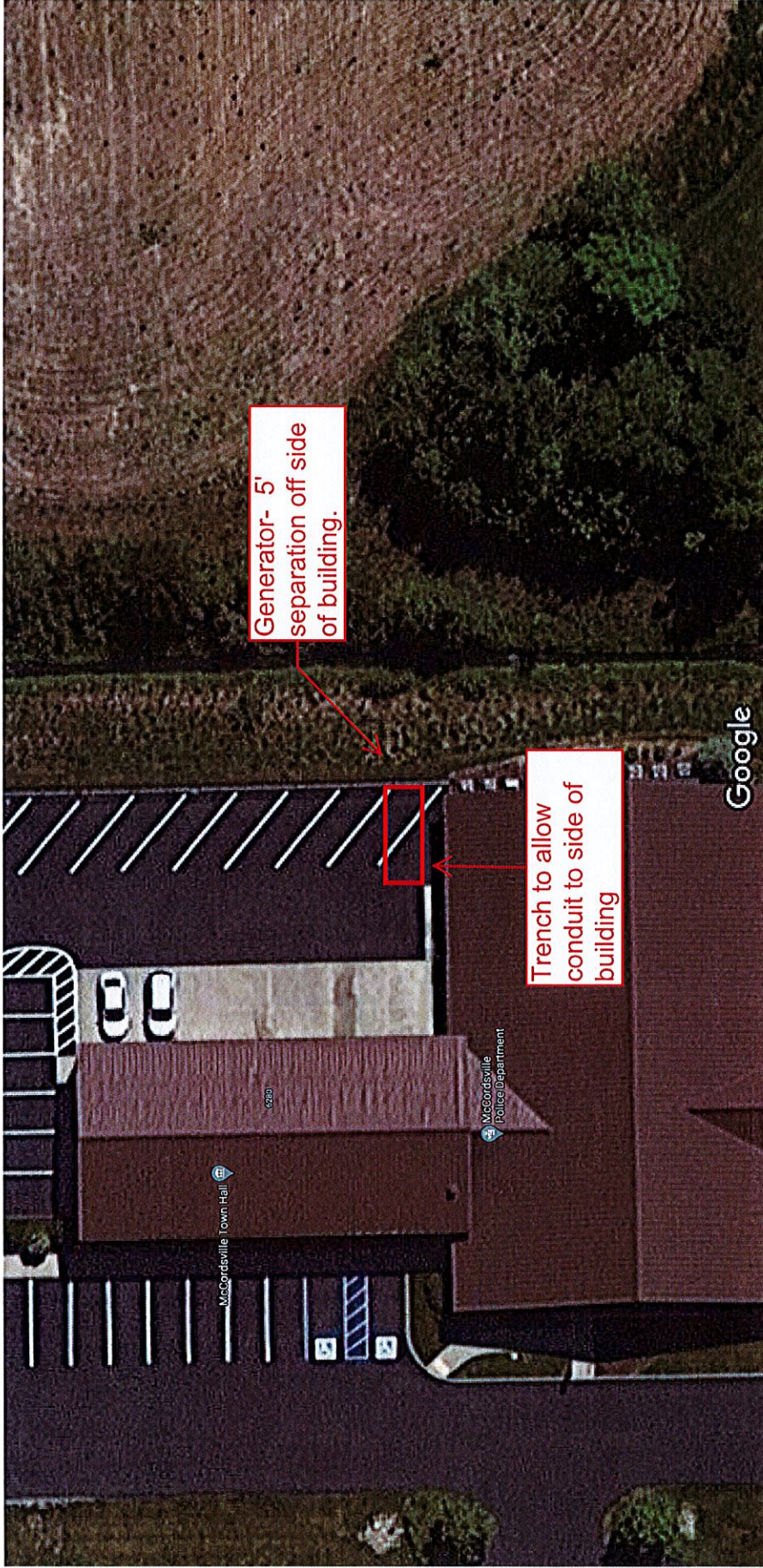
Accepted by

Your Company Name

Signature

Sincerely,  
Todd Hutchins  
Estimating Director  
317-804-9009  
[toddh@hustonelectric.com](mailto:toddh@hustonelectric.com)





Generator- 5'  
separation off side  
of building.

Trench to allow  
conduit to side of  
building

