

GENERATOR QUOTES RECEIVED

Generators of Houston	Generac QTA25 with aluminum enclosure		
	NFPA Life Safety Level 1 sound, Remote Annunciator		
		\$33,510.00	30 Week
Generators of Houston	Generac QTA35	\$36,550.	26-30
Power Now		\$37,940	26-30

I sent to ten (10) Generator Companies including two (2) Underutilized Businesses

CITY OF HILSHIRE VILLAGE



8301 Westview
Houston, Texas 77055

hilshire@hilshirevillagetexas.com

Phone 713-973-1779 Fax 713-973-7793

REQUEST FOR QUOTATION: Back-up water-cooled generator for a City of Hilshire Village wastewater lift station.

PURPOSE: Purchase, installation and maintenance of a standby emergency generator and automatic transfer switch (ATS) for a Hilshire Village wastewater lift station.

WORK: Evaluate, design, install and maintain for two (2) years an emergency generator at a City of Hilshire wastewater lift station sufficient to operate the lift station in event of failure of the primary electrical service.

EVALUATION: The City of Hilshire Village reserves the right to accept or reject in part or in whole any proposal submitted and to waive any technicalities for the best interest of the City. The City reserves the right to determine "or equal" status.

AWARD OF CONTRACT: The City may award a contract for the bidder's goods and services if the City determines that the bidder's proposal is in the best interest of the City and is the best value of the proposals received. In determining the best value, the City may consider:

1. The purchase price;
2. The reputation of the bidder and of the bidder's goods or services;
3. The quality of the bidder's goods and services;
4. The extent to which the goods or services meet the City's needs; and
5. The total long-term cost to the City to acquire the bidder's goods or services

If part of a Texas cooperative purchasing program or certified HUB vendor, please provide identification number.

INSURANCE: Vendor/Supplier shall furnish the City a "Certificate of Insurance" showing a minimum coverage in effect of \$1 million general liability insurance, commercial automotive insurance, and workers compensation insurance.

Deadline: Deadline for response to this Request for Quotation is January 25, 2022 @ 10:00 a.m.

EPA, STATE LAWS: Vendor/Supplier shall conform to all EPA, federal, state, and local code regulations.

PERMITS: The City requires that the vendor apply for a permit for the work to be performed. However, the applicable permit fees will be waived. Electrician and plumber contractor working on project will need to provide the appropriate licenses to work in the City of Hilshire Village.

INVOICES: Invoices must be submitted by the vendor/supplier to the City of Hilshire Village. Any contract awarded will be subject to the provisions of the Texas Prompt Payment Act.

Schedule of values shall be provided and approved by the City of Hilshire Village prior to invoicing.

TAXES: The City of Hilshire Village is exempt from Federal Manufacturers Excise and State Sales Tax. Tax must not be included in quote. Tax exemption certificates will be executed by the City and furnished upon request.

GENERAL SPECIFICATIONS:

GENERATOR:

A 25KW Generac Industrial Natural Gas Generator, or equal. The Vendor/Supplier shall determine the generator and model needed to provide power to the City's existing lift station. Also, the location of placement – Site Map is Attached

The existing lift stations electrical service is 230V, 3 Phase, 60HZ.

The lift station has two ABS submersible pumps, each rated at 2.95 HP, 9.2 A (FLA-full load amp), 230 V, 3 Phase, 60Hz.

The lift station also requires 120v power for the duplex control panel, which includes the pump controls, cabinet cooling fans, FleetZoom monitoring system, etc.

AUTOMATIC TRANSFER SWITCH: Contactor shall design and provide an automatic transfer switch (ATS) required for the Generator's operation.

WARRANTY AND MAINTENANCE: 2 year limited standby system warranty required.

NATURAL GAS SUPPLY: Contractor shall coordinate with CenterPoint Gas, arrange and provide all gas service lines, meters, regulators and gas plumbing required for the Generator's operation.

LOCATION OF INSTALLATION: 1018 Ridgeley Drive, Houston, Texas 77055. Located in the City of Hilshire Village off Wirt Road

INSTALLATION & REMOVAL: Contractor shall provide lifting services for the placement of the new generator. The new generator shall be mounted to a concrete pad to be provided by the Contractor. All conduit required will be supplied by the Contractor. Generator will be wired to the Lift Station by the Contractor. The new unit will be tested at startup to ensure that it meets the specifications required and that it is operational. A load bank test will be performed and documentation will be provided to the City of the successful test. The initial startup date will be scheduled at a later date. After confirmation that the new unit is functioning as specified then the Contractor will perform a simulated loss of power to check the transfer operations.

COST: Total cost of Generator Installation \$ _____

PAYMENT: Terms for payment required by vendor/supplier are _____

NAME OF COMPANY: _____

COMPANY ADDRESS: _____

PHONE: _____

EMAIL: _____

PRINTED NAME OF AUTHORIZED REPRESENTATIVE: _____

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____

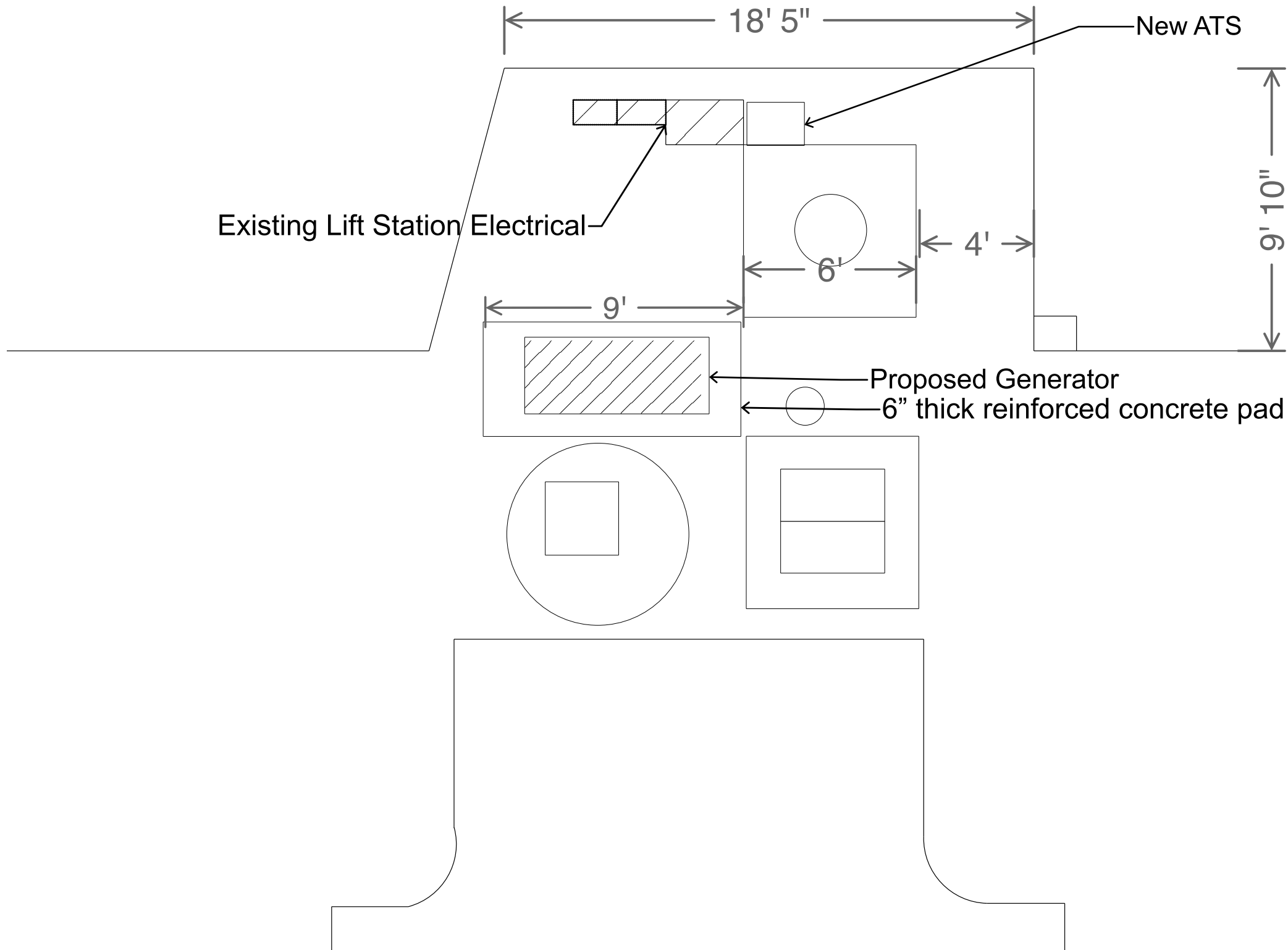
CITY CONTACT FOR TECHNICAL QUESTIONS:

Susan.blevins@hilshirevillagetexas.com

DELIVER, E-MAIL, OR MAIL RESPONSES TO:

Susan.blevins@hilshirevillagetexas.com

City of Hilshire Village
8301 Westview
Houston, Texas 77055



From: Dan Tragni <dan.tragni@generatorsofhouston.com>
Sent: Tuesday, February 8, 2022 11:27 PM
To: Susan Blevins <susan.blevins@hilshirevillagetexas.com>
Cc: Misty Velasquez <misty.velasquez@generatorsofhouston.com>
Subject: RE: Response to request for Lift Station Generator

Susan,

Following up on the smaller Generac Emergency Generator model QTA25 with aluminum enclosure. I have attached the specification on the enclosure and installation. Dimensions make this a much better fit for the very tight space.

This unit will have all the features required for meeting a Life Safety Level II generator. Lead time for the equipment is 30 weeks after receipt of order.

Pricing is reduced to \$33,510.00.

Let us know if there is any additional information you need.

Sincerely,

Dan Tragni

I was able to determine if the 25kW generator is available in Emergency NFPA Life Safety and it is. Attached is the Submittal and page 2 has the highlighted options.

The dimensions as smaller and that will assist in the footprint parameters that we have. The optional features include Level I sound enclosure in Aluminum, and Remote Annunciator. I do not have a final price on the generator with these options but it will be less than the 35kW that was quoted.

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COST: Total cost of Generator Installation \$ 36,550.0

PAYMENT: Terms for payment required by vendor/supplier are zero down - 40% on release of equipment from factory
7 balance net 15 day after installation

NAME OF COMPANY: GENRG Power Solutions LLC dba Generators of Houston

COMPANY ADDRESS: 6106 Milwee St Houston Tx 77092

PHONE: 713-485-8936

EMAIL: CSR@generatorsofhouston.com dan.tragni@generatorsofhouston.com

PRINTED NAME OF AUTHORIZED REPRESENTATIVE: Dan Tragni Vice President

SIGNATURE OF AUTHORIZED REPRESENTATIVE: *Dan Tragni*

CITY CONTACT FOR TECHNICAL QUESTIONS:
Susan.blevins@hilshirevillagetexas.com

DELIVER, E-MAIL, OR MAIL RESPONSES TO:

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City of Hilshire Village
8301 Westview
Houston, Texas 77055



January 13, 2022

COST: Total cost of Generator Installation \$ 37,940.00

PAYMENT: Terms for payment required by vendor/supplier are 50% with acceptance of proposal, balance due upon start-up

NAME OF COMPANY:

Power Now LLC.

COMPANY ADDRESS:

215 S. Persimmon St. Tomball, TX. 77375

PHONE: 832-448-0478

EMAIL: john@powernowllc.com

PRINTED NAME OF AUTHORIZED REPRESENTATIVE:

John Taggart

SIGNATURE OF AUTHORIZED REPRESENTATIVE:

CITY CONTACT FOR TECHNICAL QUESTIONS:

Susan.blevins@hilshirevillagetexas.com

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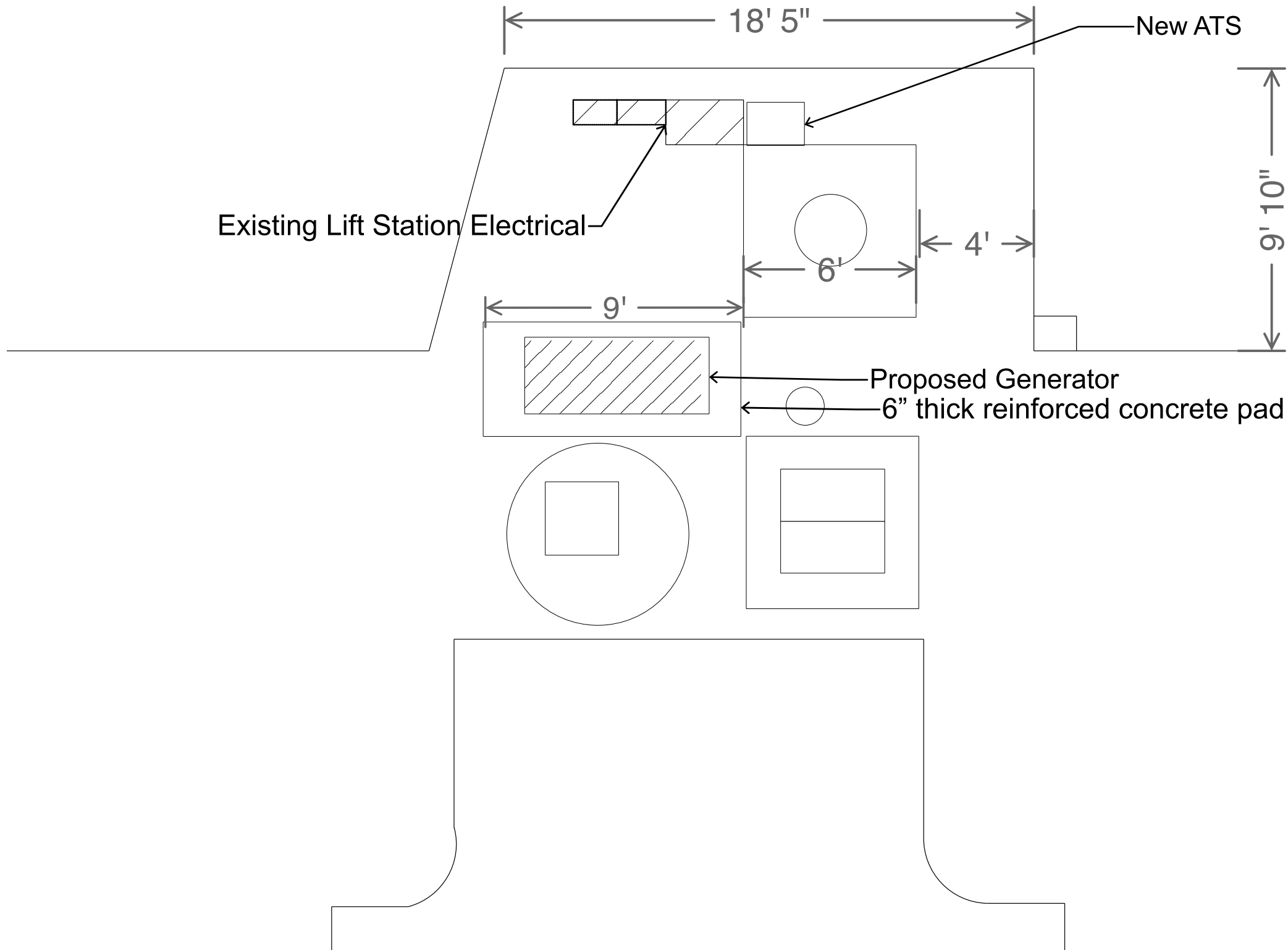
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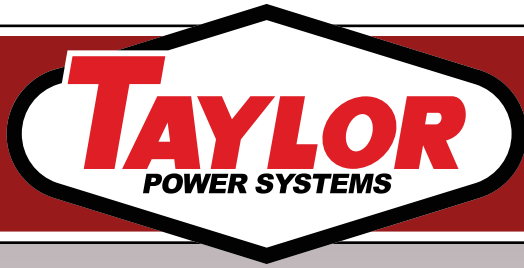
City of Hilshire Village

8301 Westview

Houston, Texas 77055

832-448-0478 fax 281-256-1487 P.O.Box 1535 Cypress, TX. 77410 www.powernowllc.com





EPA Certified / Stationary Emergency

OUTPUT POWER OPTIONS					Natural Gas 125°C STANDBY RATING		LP Vapor 125°C STANDBY RATING		sKVA
Make	Voltage	Alternator	Phase	Hertz	kW/kVA	Amps	kW/kVA	Amps	30% Voltage Dip
Marathon	277/480	283CSL1507	3	60	25/31	38	25/31	38	123
	120/208	283CSL1507	3	60	25/31	87	25/31	87	93
	120/240	283CSL1507	3	60	25/31	75	25/31	75	93
	120/240	283CSL1507	1	60	25/25	104	25/25	104	43
	120/240	283PSL1717	1	60	25/25	104	25/25	104	62



Engine Data

Manufacturer	PSI
Model	2.4L
Aspiration	Natural Aspiration
Arrangement	Inline, 4-Cycle
Firing Order	1-3-4-2
Displacement: L (in. ³)	2.4 (143.5)
Bore: mm (in.)	86.5 (3.4)
Stroke: mm (in.)	100 (3.93)
Compression Ratio	9:5.1
Gross Horsepower: Natural Gas	42.81
LP Vapor	46.52
Rated RPM	1800
Governor	Isochronous
Speed Regulation	±0.5%

Engine Liquid Capacity

Oil system: qt. (L)	4.5 (4.25)
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Engine Electrical

Electric Volts: DC	12
Cold Cracking Amps	565
Battery(s) Required	1

Fuel System

Fuel Type	Natural Gas, LP Vapor or Duel Fuel
Minimum Fuel Supply Size:	
Natural Gas	0.75" NPT
LP Vapor	0.75" NPT
Fuel Supply Pressure: in. H2O (kPa)	7-11 (1.74-2.74)

Filters and Quantity

Air Cleaner Quantity	1
Oil Filter(s) Quantity	1

Air Requirements

Air Filter(s) Type	Dry
Max Air Intake Restriction: in. H ₂ O (kPa)	
Clean	3.00 (1.49)
Dirty	13.00 (3.24)
Combustion Air: CFM (m ³ /min)	74.74 (21.6)

Exhaust System

Gas Flow: CFM (m ³ /min)	248.22 (7.0)
Maximum Exhaust Back Pressure: in. H ₂ O (kPa)	40.9 (10.2)

Fuel Consumption Natural Gas - 130°C

At 100% of Power Rating: lb/hp-hr	0.359
At 75% of Power Rating: lb/hp-hr	N/A
At 50% of Power Rating: lb/hp-hr	N/A
At 25% of Power Rating: lb/hp-hr	N/A

Fuel Consumption LP Vapor - 130°C

At 100% of Power Rating: lb/hp-hr	0.377
At 75% of Power Rating: lb/hp-hr	N/A
At 50% of Power Rating: lb/hp-hr	N/A
At 25% of Power Rating: lb/hp-hr	N/A

GENERAL GUIDELINES FOR DERATION: Altitude: Derate 0.5% per 100m (328 ft.) Elevation above 1000m (3279 ft.) Temperature: Derate 1.0% per 10°C (18°F) temperature above 25°C (77°F)

RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor.

125° RATINGS: 125° apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Ratings are in accordance with ISO-3046/1, BS 5514, AS 2789, and DIN 6271.

105° RATINGS: 105° ratings apply to installations where utility power is unavailable or unreliable. At varying load the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-8528/1, overload power in accordance with ISO-3046/1, BS5514, AS2789, and DIN 6271. For limited running time and base load ratings consult the factory. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.

Alternator Data

Manufacturer	Marathon
Type	Self-Excited
Insulation NEMA Rise/Temp	NEMA N/125°C
Hertz	60
Phase	3
RPM	1800
Leads	12
Amortisseur Windings	Full
CFM Cooling Required	250
Voltage Regulator	SE350
Sensing	Single Phase
Voltage Regulation, No Load - Full Load	1.0%

Features

- NEMA MG1-32, BS5000, and IEC 34-1 compliant; CE & CSA Certified and UL Listed
- Self-ventilated and drip proof construction
- Two-thirds pitch stator and skewed rotor
- Wet wound, epoxied field windings
- Designed to withstand overspeeds of up to 125%
- Analog voltage regulator
- Easy access front-panel adjustments
- Under-frequency, stability and voltage adjustments
- Internal provisions for automatic voltage build up from generator residual voltage
- Electromagnetic interference filter

Alternator Data

Manufacturer	Stamford
Type	Self-Excited
Insulation NEMA Rise/Temp	NEMA H/125°C
Hertz	60
Phase	3
RPM	1800
Leads	12
Amortisseur Windings	Full
CFM Cooling Required	340
Voltage Regulator	AS480
Sensing	Single Phase
Voltage Regulation, No Load - Full Load	1.0%

Features

- BS EN 60034, BS5000, VDE 0530, NEMA MG1-32, IEC34, CSA C22.2-100, and AS1359 compliant
- IP23 enclosure
- Dynamically balanced to exceed BS6861:Part 1 Grade 2.5 vibration standard
- Quality assurance to BS EN ISO 9001
- Self-ventilated and drip proof construction
- Two-thirds pitch stator and skewed rotor
- Heavy duty bearings
- Fully guarded
- Overexcitation protection
- Under frequency protection
- Overload protection
- Paralleling compatible
- Single-phase sensing



DGC2020 Digital Controller

- Integrated engine-genset control, protection, and metering
- Microprocessor allows for exact measurement, setpoint adjustment, and timing functions
- Front panel 3 position controls and indicators enable quick and simple operation
- Emergency stop push button and an Alarm Horn with silence button
- A wide temperature-range liquid crystal display (LCD) with backlighting
- SAE J1939 Engine ECU communications
- Remote RS-485 communications for Optional RDP-110 Remote Annunciator
- 4 programmable contact inputs and 10 contact outputs (2 ADC rated)
- Modbus Communications with RS-485, Battery Backup for Real Time Clock, UL recognized, CSA certified, CE approved, HALT (Highly Accelerated Life Tests) tested
- IP 54 Front Panel rating with integrated gasket and NFPA 110 Level 1 Compatible.
- Manual Override Keyswitch



Analog Controller with Emergency Bypass Key Switch

- Automatic CANBUS Engine Control
- Oil Pressure, Water Temperature, Battery Voltage and RPM Gauges
- Automatic Gauge Zeroing on Shutdown
- AC Voltage, Frequency, Percent of Load, and Run-Time Metering
- 3-Position Auto-Off-Manual Control Switch
- LED Status Lights: Low Oil Pressure, High Temperature, Overcrank, Overspeed, & Engine Start



Standard Features:

Warranty

2 Year Standard
5 Year Comprehensive

- Heavy Duty Steel Base
- Vibration Isolators
- Oil Drain Valve with Extension
- Battery Rack & Cables
- High Ambient Unit Mounted Radiator
- Battery Charging Alternator
- Factory Powder Coating
- Factory Test
- Owner's Manual

Controller Options

DGC-2020HD Controller for Paralleling
Fiber Optic Ethernet (DGC-2020HD)
RS-232 Port & Generator Protection (DGC-2020)
Flush or Surface Mount Remote Annunciator
Remote Mount Break Glass E-Stop Switch

Miscellaneous Options:

- Battery Charger
- Coolant Drain Kit
- Block Heater
- Line Circuit Breaker
- Pad Type Battery Heater
- Battery Heater Blanket w/Thermostat
- Oil Pan Heater
- Generator Strip Heater

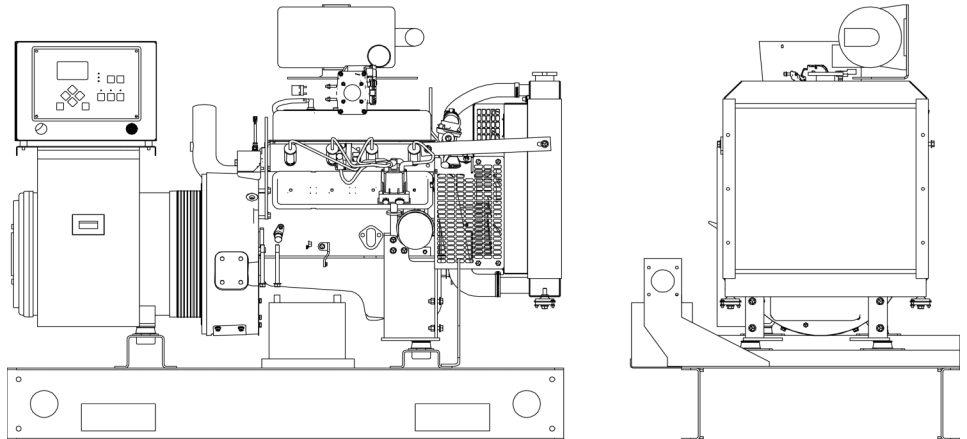
Open Unit

Options:

- Radiator Duct Flange
- Flex Exhaust
- Critical Silencer

OVERALL SIZE: 60"L x 35"W x 48"H
 Approximate Weight: 1,000 lbs.

Note: Dimensions and weights reflect standard open unit with no options and are subject to change.



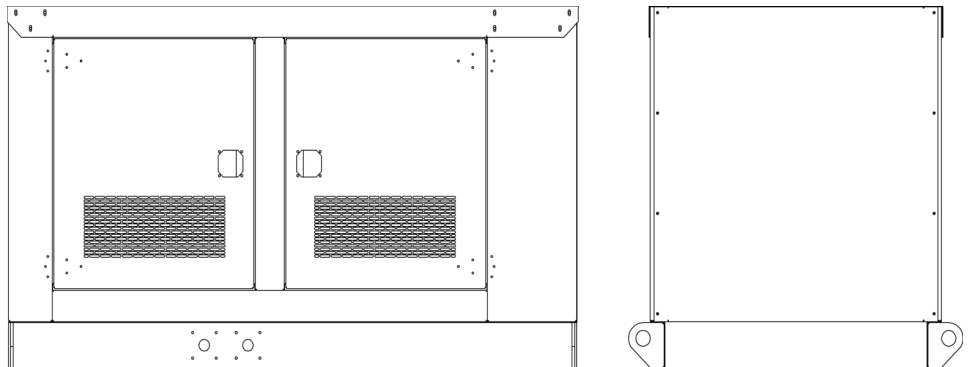
Standard Enclosed Unit

Options:

- Sound Attenuated Enclosure
- Load Center, Lights & GFI Receptacle

OVERALL SIZE: 78"L x 40"W x 46"H
 Approximate Weight: 1,400 lbs.

Note: Dimensions and weights reflect standard enclosed unit with no options and are subject to change.



Note: The above drawings are provided for reference only and should not be used for planning installation. Contact your local distributor for more information.