

January 9, 2014

BY HAND

Hon. Robert Stein, Chairman and
Members of the Connecticut Siting Council
Ten Franklin Square
New Britain, Connecticut 06051
Email: Siting.council@ct.gov

ORIGINAL
RECEIVED
JAN - 9 2014
**CONNECTICUT
SITING COUNCIL**

Re: New Cingular Wireless PCS, LLC
Docket 428
Roxbury, Connecticut
Certificate Transfer & Construction Update

Dear Chairman Stein and Members of the Connecticut Siting Council:

We are writing on behalf of our client New Cingular Wireless PCS, LLC ("AT&T") to notify the Council of its intent to transfer the Certificate, dated March 21, 2013, as approved and issued in the Docket 428 ("Roxbury Facility"). Additionally, we are writing to provide an update regarding the site construction for this Facility and seek a staff approved amendment to the D&M Plan for the Facility.

Intent to Transfer of Certificate

Subsequent to approval of the tower and issuance of the Certificate in Docket 428, AT&T and American Tower Corporation, one of the largest owner/operators of wireless and broadcast communications sites in North America, entered into an agreement to assign the ground lease and have ATC construct the facility site and own the tower upon completion. As such, ATC will be filing paper work to formally request a transfer of the Certificate issued in Docket 428 pursuant to General Statutes Section 16-50k(b) shortly and with AT&T's consent. Upon transfer of the Certificate, ATC will be responsible for compliance with the Certificate's conditions.

Construction Update & Shared Generator Modification

Please note that construction of the facility has commenced since approval of the Development and Management Plan and the property's access road which was locally approved and under development by the property owner. Of note for the Council, we are pleased to advise that AT&T has worked with ATC to have a shared generator deployed at the tower site in lieu of the single carrier generator AT&T proposed and the Council approved in Docket 428. Enclosed are specifications for the location of ATC's shared generator which is an exempt modification of the D&M Plan approval, for which we seek the staff's acknowledgment by way of this letter.

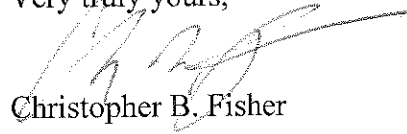
January 9, 2013

Page 2

ATC Contact Information

For purposes of the certificate transfer filing, we have copied this correspondence to ATC's representative, Mr. Blake Paynter who may also be reached at (781) 926-4560. Thank you for your consideration of the foregoing.

Very truly yours,



Christopher B. Fisher

cc: Michelle G. Briggs, AT&T
Blake E. Paynter, American Tower Corporation
Daniel M. Laub, Esq.

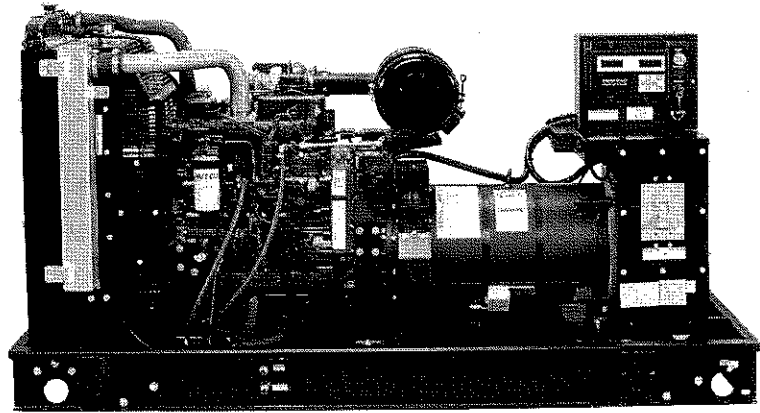
SD080

Industrial Diesel Generator Set

EPA Certified Stationary Emergency

Standby Power Rating
100kVA 80kW 60Hz

Prime Power Rating
90kVA 72KW 60Hz

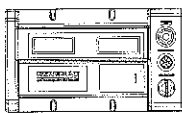
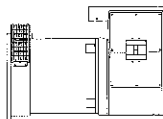
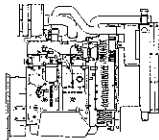
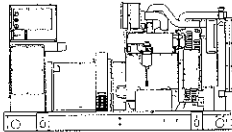


Generator image used for illustration purposes only

*EPA Certified Prime ratings are not available in the U.S. or its Territories for engine model year 2011 and beyond

features

benefits



Generator Set

- PROTOTYPE & TORSIONALLY TESTED
- UL2200 TESTED
- RHINOCOAT PAINT SYSTEM
- WIDE RANGE OF ENCLOSURES AND TANKS
- ▶ PROVIDES A PROVEN UNIT
- ▶ ENSURES A QUALITY PRODUCT
- ▶ IMPROVES RESISTANCE TO ELEMENTS
- ▶ PROVIDES A SINGLE SOURCE SOLUTION

Engine

- EPA COMPLIANT
- INDUSTRIAL TESTED, GENERAC APPROVED
- POWER-MATCHED OUTPUT
- INDUSTRIAL GRADE
- ▶ ENVIRONMENTALLY FRIENDLY
- ▶ ENSURES INDUSTRIAL STANDARDS
- ▶ ENGINEERED FOR PERFORMANCE
- ▶ IMPROVES LONGEVITY AND RELIABILITY

Alternator

- TWO-THIRDS PITCH
- LAYER WOUND ROTOR & STATOR
- CLASS H MATERIALS
- DIGITAL 3-PHASE VOLTAGE CONTROL
- ▶ ELIMINATES HARMFUL 3RD HARMONIC
- ▶ IMPROVES COOLING
- ▶ HEAT TOLERANT DESIGN
- ▶ FAST AND ACCURATE RESPONSE

Controls

- ENCAPSULATED BOARD W/ SEALED HARNESS
- 4-20mA VOLTAGE-TO-CURRENT SENSORS
- SURFACE-MOUNT TECHNOLOGY
- ADVANCED DIAGNOSTICS & COMMUNICATIONS
- ▶ EASY, AFFORDABLE REPLACEMENT
- ▶ NOISE RESISTANT 24/7 MONITORING
- ▶ PROVIDES VIBRATION RESISTANCE
- ▶ HARDENED RELIABILITY

primary codes and standards



SD080

application and engineering data

ENGINE SPECIFICATIONS

General

Make	Iveco / FPT
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emissions Data Sheet
Cylinder #	4
Type	Diesel
Displacement - L (cu. in.)	4.5 (274)
Bore - mm (in.)	105 (4.1)
Stroke - mm (in.)	132 (5.2)
Compression Ratio	17.5:1
Intake Air Method	Turbocharged
Cylinder Head Type	2 Valve
Piston Type	Aluminum
Crankshaft Type	Forged Steel
Engine Block Type	Cast Iron / Wet Sleeve

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	± 0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow
Crankcase Capacity - L (qts)	13.6 (14.4)

Cooling System

Cooling System Type	Closed
Water Pump Flow	Belt Driven Centrifugal
Fan Type	Pusher
Fan Blade Number	2538
Fan Diameter mm (in.)	26
Coolant Heater Wattage	1500
Coolant Heater Standard Voltage	120

Fuel System

Fuel Type*	Ultra Low Sulfur Diesel Fuel
Fuel Specifications	ASTM
Fuel Filtering (microns)	5
Fuel Inject Pump Make	Stanadyne
Fuel Pump Type	Engine Driven Gear
Injector Type	Mechanical
Engine Type	Direct Injection
Fuel Supply Line - mm (in.)	1/4" NPT
Fuel Return Line - mm (in.)	1/4" NPT

Engine Electrical System

System Voltage	12VDC
Battery Charging Alternator	Std
Battery Size (at 0°C)	995 CCA
Battery Group	31
Battery Voltage	12 Volt DC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	390 mm Generac
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	< 5%
Telephone Interference Factor (TIF)	< 50
Standard Excitation	Synchronous Brushless
Bearings	One-Pre Lubed & Sealed
Coupling	Direct, Flexible Disc
Load Capacity - Standby	100%
Prototype Short-Circuit Test	Yes

Voltage Regulator Type	Digital
Number of Sensed Phases	3
Regulation Accuracy (Steady State)	± 0.25%

CODES AND STANDARDS COMPLIANCE (WHERE APPLICABLE)

NFPA 99	BS5514
NFPA 110	SAE J1349
ISO 8528-5	DIN6271
ISO 1708A.5	IEEE C62.41 TESTING
ISO 3046	NEMA ICS 1

Rating Definitions:

Standby - Applicable for a varying emergency load for the duration of a utility power outage with no overload capability. (Max. load factor = 70%)

Prime - Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. (Max. load factor = 80%) A 10% overload capacity is available for 1 out of every 12 hours.

SD080

operating data (60Hz)

POWER RATINGS (kW)

	STANDBY		PRIME	
Single-Phase 120/240VAC @1.0pf	80 kW	Amps: 333	72 kW	Amps: 300
Three-Phase 120/208VAC @0.8pf	80 kW	Amps: 278	72 kW	Amps: 250
Three-Phase 120/240VAC @0.8pf	80 kW	Amps: 241	72 kW	Amps: 217
Three-Phase 277/480VAC @0.8pf	80 kW	Amps: 120	72 kW	Amps: 108
Three-Phase 346/600VAC @0.8pf	80 kW	Amps: 96	72 kW	Amps: 87

STARTING CAPABILITIES (skVA)

		skVA vs. Voltage Dip											
		480VAC						208/240VAC					
Alternator	kW	10%	15%	20%	25%	30%	35%	10%	15%	20%	25%	30%	35%
Standard	80	59	88	117	147	176	205	44	66	88	110	132	154
Upsize 1	100	79	118	157	197	236	275	59	89	118	148	177	206
Upsize 2	125	116	174	232	290	348	406	87	131	174	218	261	305

FUEL

		Fuel Consumption Rates*					
		STANDBY			PRIME		
Fuel Pump Lift - in (mm)		Percent Load	gph	lph	Percent Load	gph	lph
36 (900)		25%	2.1	7.9	25%	1.9	7.2
		50%	3.7	14.0	50%	3.4	12.9
		75%	5.2	19.7	75%	4.7	17.8
		100%	6.3	23.8	100%	5.8	22.0
Total Fuel Pump Flow (Combustion + Return)	13.6 gph						

* Refer to "Emissions Data Sheet" for maximum fuel flow for EPA and SCAQMD permitting purposes.

COOLING

		STANDBY	PRIME
Coolant Flow per Minute	gpm (lpm)	32.7 (123.8)	32.7 (123.8)
Heat Rejection to Coolant	BTU/hr	232,270	213,830
Inlet Air	cfm (m3/min)	6,360 (180)	6,360 (180)
Max. Operating Radiator Air Temp	F° (C°)	122 (50)	122 (50)
Max. Operating Ambient Temperature	F° (C°)	104 (40)	104 (40)
Coolant System Capacity	gal (L)	(4.5) 17.44	(4.5) 17.44
Maximum Radiator Backpressure	in H ₂ O	1.5	1.5

COMBUSTION AIR REQUIREMENTS

		STANDBY	PRIME
Flow at Rated Power	cfm (m3/min)	306 (8.67)	275 (7.80)

ENGINE

		STANDBY	PRIME
Rated Engine Speed	rpm	1800	1800
Horsepower at Rated kW**	hp	131	127
Piston Speed	ft/min	1559 (475)	1559 (475)
BMEP	psi	210	194

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

EXHAUST

		STANDBY	PRIME
Exhaust Flow (Rated Output)	cfm (m3/min)	790 (22.4)	743 (21.0)
Max. Backpressure (Post Silencer)	inHg (Kpa)	1.5 (5.1)	1.5 (5.1)
Exhaust Temp (Rated Output)	°F (°C)	887 (475)	887 (475)
Exhaust Outlet Size (Open Set)	NPT (male)	3.0	3.0

Deration -- Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.

SD080

standard features and options

GENERATOR SET



<input checked="" type="radio"/> Genset Vibration Isolation	Std
<input type="radio"/> IBC Seismic Certified/Seismic Rated Vibration Isolators	Opt
<input type="radio"/> Extended warranty	Opt
<input type="radio"/> Gen-Link Communications Software	Opt
<input type="radio"/> Steel Enclosure	Opt
<input type="radio"/> Aluminum Enclosure	Opt

ENGINE SYSTEM



General	
<input checked="" type="radio"/> Oil Drain Extension	Std
<input type="radio"/> Oil Make-Up System	Opt
<input type="radio"/> Oil Heater	Opt
<input checked="" type="radio"/> Air cleaner	Std
<input checked="" type="radio"/> Fan guard	Std
<input checked="" type="radio"/> Radiator duct adapter	Std
Fuel System	
<input checked="" type="radio"/> Fuel lockoff solenoid	Std
<input checked="" type="radio"/> Secondary fuel filter	Std
<input checked="" type="radio"/> Stainless steel flexible exhaust connection	Std
<input checked="" type="radio"/> Industrial Exhaust Silencer	Std
<input type="radio"/> Critical Exhaust Silencer	Opt
<input type="radio"/> Flexible fuel lines	Opt
<input type="radio"/> Primary fuel filter	Opt
<input type="radio"/> Single Wall Tank (Export Only)	-
<input type="radio"/> UL 142 Fuel Tank	Opt
Cooling System	
<input type="radio"/> 120VAC Coolant Heater	Opt
<input type="radio"/> 208VAC Coolant Heater	Opt
<input type="radio"/> 240VAC Coolant Heater	Opt
<input type="radio"/> Other Coolant Heater	-
<input checked="" type="radio"/> Closed Coolant Recovery System	Std
<input checked="" type="radio"/> UV/Ozone resistant hoses	Std
<input checked="" type="radio"/> Factory-Installed Radiator	Std
<input checked="" type="radio"/> Radiator Drain Extension	Std
Engine Electrical System	
<input checked="" type="radio"/> Battery charging alternator	Std
<input checked="" type="radio"/> Battery cables	Std
<input checked="" type="radio"/> Battery tray	Std
<input type="radio"/> Battery box	Opt
<input type="radio"/> Battery heater	Opt
<input checked="" type="radio"/> Solenoid activated starter motor	Std
<input type="radio"/> 2.5A UL battery charger	Opt
<input type="radio"/> 10A UL float/equalize battery charger	Opt
<input checked="" type="radio"/> Rubber-booted engine electrical connections	Std

ALTERNATOR SYSTEM



<input checked="" type="radio"/> UL2200 GENprotect™	Std
<input type="radio"/> Main Line Circuit Breaker	Opt
<input type="radio"/> 2nd Circuit Breaker	Opt
<input type="radio"/> 3rd Circuit Breaker	-
<input type="radio"/> Alternator Upsizing	Opt
<input type="radio"/> Anti-Condensation Heater	Opt
<input type="radio"/> Tropical coating	Opt
<input type="radio"/> Permanent Magnet Generator	Opt

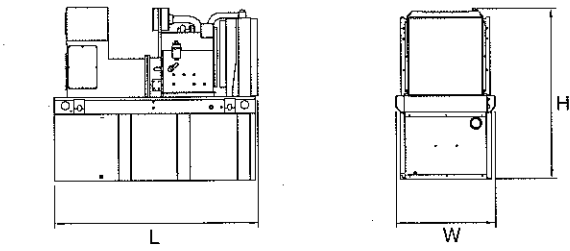
CONTROL SYSTEM



Control Panel	
<input checked="" type="radio"/> Digital H Control Panel - Dual 4x20 Display	Std
<input type="radio"/> Digital G-100 Control Panel - Touchscreen	na
<input type="radio"/> Digital G-200 Paralleling Control Panel - Touchscreen	na
<input checked="" type="radio"/> Programmable Crank Limiter	Std
<input type="radio"/> 21-Light Remote Annunciator	Opt
<input type="radio"/> Remote Relay Panel (8 or 16)	Opt
<input checked="" type="radio"/> 7-Day Programmable Exerciser	Std
<input checked="" type="radio"/> Special Applications Programmable PLC	Std
<input checked="" type="radio"/> RS-232	Std
<input checked="" type="radio"/> RS-485	Std
<input checked="" type="radio"/> All-Phase Sensing DVR	Std
<input checked="" type="radio"/> Full System Status	Std
<input checked="" type="radio"/> Utility Monitoring (Req. H-Transfer Switch)	Std
<input checked="" type="radio"/> 2-Wire Start Compatible	Std
<input checked="" type="radio"/> Power Output (kW)	Std
<input checked="" type="radio"/> Power Factor	Std
<input checked="" type="radio"/> Reactive Power	Std
<input checked="" type="radio"/> All phase AC Voltage	Std
<input checked="" type="radio"/> All phase Currents	Std
<input checked="" type="radio"/> Oil Pressure	Std
<input checked="" type="radio"/> Coolant Temperature	Std
<input checked="" type="radio"/> Coolant Level	Std
<input type="radio"/> Oil Temperature	Opt
<input checked="" type="radio"/> Fuel Pressure	Std
<input checked="" type="radio"/> Engine Speed	Std
<input checked="" type="radio"/> Battery Voltage	Std
<input checked="" type="radio"/> Frequency	Std
<input checked="" type="radio"/> Date/Time Fault History (Event Log)	Std
<input type="radio"/> Low-Speed Exercise	-
<input checked="" type="radio"/> Isochronous Governor Control	Std
<input checked="" type="radio"/> -40deg C - 70deg C Operation	Std
<input checked="" type="radio"/> Waterproof Plug-In Connectors	Std
<input checked="" type="radio"/> Audible Alarms and Shutdowns	Std
<input checked="" type="radio"/> Not in Auto (Flashing Light)	Std
<input checked="" type="radio"/> Auto/Off/Manual Switch	Std
<input checked="" type="radio"/> E-Stop (Red Mushroom-Type)	Std
<input type="radio"/> Remote E-Stop (Break Glass-Type, Surface Mount)	Opt
<input type="radio"/> Remote E-Stop (Red Mushroom-Type, Surface Mount)	Opt
<input type="radio"/> Remote E-Stop (Red Mushroom-Type, Flush Mount)	Opt
<input checked="" type="radio"/> NFPA 110 Level I and II (Programmable)	Std
<input checked="" type="radio"/> Remote Communication - RS232	Std
<input type="radio"/> Remote Communication - Modem	Opt
<input type="radio"/> Remote Communication - Ethernet	Opt
<input type="radio"/> 10A Run Relay	Opt
Alarms (Programmable Tolerances, Pre-Alarms and Shutdowns)	
<input type="radio"/> Low Fuel	Opt
<input checked="" type="radio"/> Oil Pressure (Pre-programmed Low Pressure Shutdown)	Std
<input checked="" type="radio"/> Coolant Temperature (Pre-programmed High Temp Shutdown)	Std
<input checked="" type="radio"/> Coolant Level (Pre-programmed Low Level Shutdown)	Std
<input type="radio"/> Oil Temperature	Opt
<input checked="" type="radio"/> Engine Speed (Pre-programmed Overspeed Shutdown)	Std
<input checked="" type="radio"/> Voltage (Pre-programmed Overvoltage Shutdown)	Std
<input checked="" type="radio"/> Battery Voltage	Std
Other Options	
<input type="radio"/>	
<input type="radio"/>	
<input type="radio"/>	

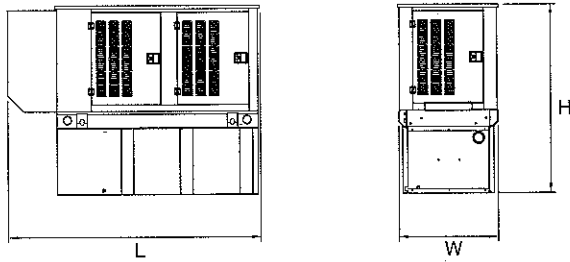
SD080

dimensions, weights and sound levels



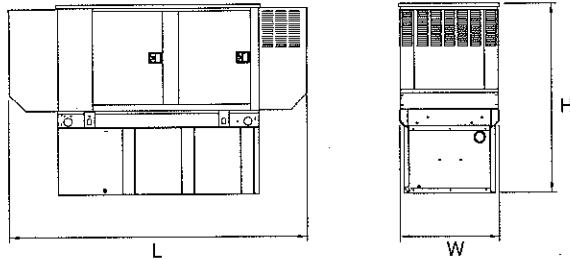
OPEN SET

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBa*
NO TANK	-	93	40	49	2425	87
13	79	93	40	62	2947	
30	189	93	40	74	3183	
48	300	93	40	86	3407	
56	350	110	40	86	3809	
81	510	117	47	86	3790	
93	589	128	49	86	4269	



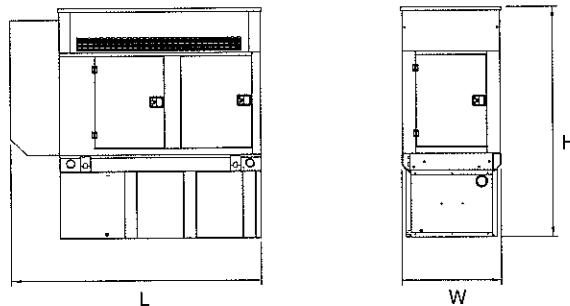
WEATHERPROOF ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBa*
NO TANK	-	112	41	56	2850	81.4
13	79	112	41	69	3372	
30	189	112	41	81	3608	
48	300	112	41	93	3832	
56	350	112	41	93	4234	
81	510	117	47	93	4215	
93	589	128	49	93	4694	



LEVEL 1 SOUND ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBa*
NO TANK	-	130	41	56	2875	74.8
13	79	130	41	69	3397	
30	189	130	41	81	3633	
48	300	130	41	93	3857	
56	350	130	41	93	4259	
81	510	130	47	93	4240	
93	589	130	49	93	4719	



LEVEL 2 SOUND ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBa*
NO TANK	-	112	41	69	3050	71.7
13	79	112	41	82	3572	
30	189	112	41	94	3808	
48	300	112	41	106	4032	
56	350	112	41	106	4434	
81	510	117	47	106	4415	
93	589	128	49	106	4894	

* All measurements are approximate and for estimation purposes only. Weights are without fuel in tank. Sound levels measured at 23ft (7m) and does not account for ambient site conditions.

Tank Options

- | | |
|---|------|
| <input type="radio"/> MDEQ | OPT |
| <input type="radio"/> Florida DERM/DEP | OPT |
| <input type="radio"/> Chicago Fire Code | OPT |
| <input type="radio"/> IFC Certification | CALL |
| <input type="radio"/> ULC | CALL |

Other Custom Options Available from your Generac Industrial Power Dealer

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.