



CAROLINE COUNTY DEPARTMENT **OF PUBLIC WORKS**

520 Wilmuth Street Denton, Maryland 21629
Telephone 410-479-0520 Facsimile 410-479-0409

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To All,

Caroline County Department of Public Works is looking to obtain quotes for an outside vendor to service and inspect our inventory of generators throughout our county facilities. Please also include with your quote a price for the installation of a 24-hour monitoring system on each applicable generator – there are currently (13). A location list of generators is attached, and access to the generators for service will be provided to the awarded vendor. To eliminate any confusion when submitting your quote, below is a list of maintenance services we are requesting on a rotating annual 6-month interval twice a year.

Please contact Caroline County Public Works with any questions at 410-479-0520 or via email at djudy@carolinemd.org

We are requesting your quote be submitted by February 13, 2023. Detailed quotes need to be submitted to djudy@carolinemd.org.

These two maintenance options will rotate in 6-month intervals twice a year

Annual Preventative Visual and Safety Inspection of the Generator

- Check all belts and adjust as necessary
- Check all the hoses and clamps
- Test antifreeze
- Inspect Block Heater
- Check engine oil and inspect for leaks
- Inspect fuel system and check for leaks
- Inspect battery connections and load test battery
- Check engine exhaust system
- Test run generator set to check oil pressure, water temperature
- Test all engine safety shutdowns, and check governor for proper operation
- Inspect spark plug wires on gas units
- Visually inspect the generator, (rotor, stator, exciter, voltage regulator, and related components)
- Test run system and adjust voltage and frequency if needed
- Test output breakers and safety breakers
- Visually inspect the transfer switch
- Transfer power to emergency
- Check time delays and overall operation
- Visual Inspection of generator with recommendations

Annual PM Service and Visual / Safety Inspection of the Generator

- Change motor oil and replace the oil filter with the OEM filter
- Replace the fuel filter with the OEM filter and inspect the fuel system
- Replace the air filter and replace with an OEM filter
- Replace coolant filter with OEM filter
- Check all connections on the battery and load test
- Check all belts and adjust as necessary
- Check all hoses and clamps
- Inspect the Block Heater
- Test run generator set to check oil pressure, water temperature
- Test all engine safety shutdowns, and check the governor for proper operation
- Inspect spark plug wires on gas units
- Visually inspect the generator, (rotor, stator, exciter, voltage regulator, and related components)
- Test run system and adjust voltage and frequency if needed
- Test output breakers and safety breakers
- Visually inspect the transfer switch
- Transfer power to emergency
- Check time delays and overall operation
- Visual Inspection of generator with recommendations

Generator locations

Location	Make/Model	Size	Fuel Type	Misc. Information
Public Works Complex 520 Wilmuth Street Denton, MD 21629	Caterpillar D125.6	125 KW	Diesel	Model C6-6 Serial #E6M00460 Engine 2690/1800 Arrangement 266-4556
Caroline Co. Detention Center 101 Gay Street Denton, MD 21629	Onan 150 DGFA	150 KW	Diesel	Cummins 8.3 413 277HP 1800 RPM Serial # 6940549753
Information/Tech Office 5th. & Franklin Street Denton, MD 21629	Olympian D40P35	40KW	Diesel	U9816795GFABL000393
Health & Public Services 403 S. Seventh. Street Denton, MD 21629	#1 Katolite D250FRJ4T3	250KW	Diesel	Model D250FRJ4T3/SN151767- 0907
Haps Building 911 Center 403 S. 7th. Street Denton, MD 21629	#2 Kohler 100REOZJF	100 KW	Diesel	100AED7 Model:SCM328N74
Jonestown Water Plant Rt #16 Harmony Road Preston, MD 21655	Cummins DGHBC	35 KW	Diesel	G130533394
Preston EMS Station 3680 Choptank Road Preston, MD 21655	Power Station P220100	22 KW	Propane	Coleman 2.5/SN# F32911946A
Preston Elementary School 225 Main Street Preston, MD 21655 Preston Tower	Cummins Power Generation	25 KW	Propane	Serial No. F160969261
Goldsboro Tower 200 Old Line Road Goldsboro, MD 21636	WSG-10681-6005-A	75 KW	Propane	Engine code 2C-680-AA Serial#02-09-016042
Recreation & Parks 107 S. 4th. Street Denton, MD 21629	Generac SD200	200 KW	Diesel	MFG. M619580, Serial # 2102926, Sub MO Number M619590 Batch Lot 1100877455
DES 9391 Double Hills Road Denton, MD 21629	Generac SD080	80KW	Diesel	SN#3012519466
Caroline County Sheriff 9305 Double Hills Road Denton, MD 21629	CAT Model D125-6	35-80 KW	Diesel	SN#CAT00C66ASDA00503
Federalburg EMS 407 University Avenue, Federalburg, MD 21632	Generac RG Series	45 KW	Propane	<i>Not yet installed</i>