



*Your Complete Source of Engine and Generator Power.*

**ST. LOUIS HEADQUARTERS**

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**KANSAS CITY OFFICE**

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[www.ckpower.com](http://www.ckpower.com)

# CK Power Service Sales & Preventive Maintenance



**CK GAS**



**JOHN DEERE**

**Kubota**

**KOHLER**

**VOLVO  
PENTA**

[www.ckpower.com](http://www.ckpower.com)



## Response Time

*Under 70 miles: 2 hours*

*Over 100 miles: 4 hours*

*Holiday: 4 hours*

## Generator Rental Fleet

*30 kW - 1250 kW*

*(First come first serve)*

## Service Hours of Operation

*Regular hours: 7 am - 3:30 pm*

*Emergency: 24/7*

*Mileage Rate: (TBD) (Portal to Portal)*

## Business Hours

*Regular hours: 7 am - 3:30 pm*

*Overtime hours: 3:31 pm - 6:59 am*

*Weekly and all day Saturday*

*(Double time hours: Sundays and Holidays)*

## No Matter the Manufacturer

CK Power provides service, parts and support for your equipment.

- Standby Generators and Power Systems
- Prime Power Generators (Diesel & NG)
- Residential / Light Commercial Generators
- Towable Generators
- Mobile Generators
- Light Towers
- Power Units (Diesel & NG)
- Irrigation Power Units (Diesel & NG)
- Oil Filled Pump Jack Engines
- Pumps
- OEM Equipment

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## Our Company

CK Power is your complete source for engine and generator power. We are headquartered in St. Louis, MO, on a seven-acre campus that houses our corporate offices, a 105,000 square-foot production facility, another 35,000 square-foot warehouse and engineering facility, and a two-acre parking lot for our fleet of mobile rental units. In 2012, CK Power opened a new 15,000 square-foot service center and light production facility in Overland Park, KS. Additional service centers were added in 2013 in Cunningham, KS; Big Springs, TX; Carthage, TX and Williston, ND.

At CK Power, we are more than just a company. We are a family of professionals striving to satisfy our customers. Our sales and service staff is professionally trained from the manufacturers in their product lines backed by years of experience to better assist in our customers' needs and applications.



**CK Power headquarters building in St. Louis, Missouri**

## Sales

Whether you need a replacement engine, a custom solution to unique problem, or a bank of units shipped quickly for disaster relief, CK Power has a sales team of experts dedicated to problem solving. Feel confident that when you call a CK Power representative, you will be discussing your needs with an experienced and knowledgeable professional. Every one of our sales representatives has undergone extensive training with the manufacturers to earn required certifications. They also complete ongoing, inhouse training by our staff of engineers in order to earn your business. We are time sensitive and results oriented.

## Parts

When an unexpected breakdown occurs, the last thing you want to hear is that the replacement part will take a week or two to arrive. That's why CK Power maintains an extensive parts department to quickly address the repair needs of our customers. In the event that a part does need to be ordered, our partners maintain a network of expedient shipping resources to ensure your order arrives as quickly as possible.

## Preventive Maintenance Programs

CK Power is not a "one-size-fits-all" maintenance operation. CK Power does not just offer a "standard" service. We work with our customers and their applications to tailor a service program to their exact needs. CK Power is the only Preventive Maintenance Company that offers comprehensive transfer switch PM's and TOTAL transfer switch service, repairs, and replacement. Without offering annual transfer switch maintenance as outlined in NFPA 110, including thermal graphic work, no maintenance program can be considered complete.

## Rental Units

At a moment's notice or months in advance, Kohler Rental will make sure the power is ON. A quality source of power is crucial to any business or industry. Renting a generator set can provide immediate power solutions for outages, shortages or special needs. With 75 years of power generation experience, Kohler is a name you know and trust. For all your temporary needs, a large fleet of Kohler rental gen sets is standing by at CK Power to roll to your site. All are designed for quick hook-up and are available with a trailer mount. Kohler rental gen sets are self-contained and feature detachable pigtails for power hook-up, line power circuit breakers, exhaust silencers, lockable voltage selector switch, single phase, fuel to operate 24 hours, auto start and safety shutdowns. A variety of service options are available. You may choose to have a factory-trained technician deliver the equipment and instruct your personnel appropriately or stay at the site throughout the duration of the job. Or, you may opt to have your own qualified service personnel pick up and connect the equipment at the job site.





## Planned Service Agreement for Generator Systems

CK Power PLANNED SERVICE AGREEMENT is a coordinated program of inspection and service by trained technicians. The program is designed to enhance the performance and reliability of your standby or prime power generator. The owner understands this program is not a guarantee against equipment malfunction or failure, expressed or implied. The Planned Service Agreement is designed to perform the necessary service and, therefore, minimize the likelihood of failure or malfunction, while providing the owner a status report of said equipment. CK Power will perform inspections annually on the equipment in accordance with the attached schedule. The Major and Minor inspections differ only in that the Major inspection includes an oil change, oil and fuel filters and water filter change.

### Major Inspection

- Change engine oil and filter(s)
- Record lube oil pressure
- Clean crankcase breather
- Record coolant level and mixture
- Record coolant temperature
- Check belt tension and condition
- Change water filter(s)
- Check duct work for defects
- Check block heater operation
- Check coolant hoses and connections
- Check for oil/coolant leakage
- Air cleaners—check/oil for element
- Check for fuel leaks
- Change fuel filter
- Check exhaust system for leaks
- Check battery specific gravity, electrolyte level, and clean connections
- Check battery charger operation
- Inspect ignition wiring, if equipped
- Check ignition timing, points and plugs, if equipped
- Adjust carburetor, if equipped
- Check governor operation
- Operational check of voltmeter, frequency meter, ammeter and safety systems
- Check automatic transfer switch operation, including exerciser, time delays and contacts
- Check operation of remote annunciator, if equipped

### Premium Inspection

Includes all Major changes and the following:

- Belt and hose replacement
- Thermostat replacement
- Air Filter replacement
- Battery replacement
- Coolant removal and replacement
- Radiator hose and fitting replacement

### Minor Inspection

Includes all services performed during Major inspection, less the following:

- Change lube, oil and filter(s)
- Change water filter(s)
- Change fuel filter

### Optional Services

These services are performed and proposed at customer request.

- Load bank testing (Recommended Annually for lightly loaded equipment to reduce likelihood of “Wet Stacking”)
- Fuel testing and treatment (As needed)
- Coolant treatment and replacement (Recommended every 3-5 years)
- Pressure washing (At customer request)
- Battery replacement (Recommended every 3 years)
- Rental generators (At customer request)
- Belt and hose replacement (Recommended every 3-5 years)
- Antifreeze testing (Recommended Annually)
- Oil Sampling (Recommended Annually)



# Transfer Switch Preventive Maintenance Service

Transfer switch PM Service is a cleaning and check of systems. This maintenance plan is performed by trained field technicians that clean, inspect, verify proper operation (where allowed by the customer) and report deficiencies that may exist within the equipment.

## Procedures

1. De-energize the engine start signals
2. Check interior of transfer switch cabinet
3. Clean control board areas and relay cases, check for loose or missing relays
4. Check control wiring connections and wire bundle runs for abrasions
5. Lubricate necessary moving parts with manufacturer's recommended lubrication where applicable
6. Test all lights and note which are in need of replacement
7. Inspect mechanical and electrical interlocks where applicable
8. Inspect timing functions and record if possible
9. Inspect arc shields for proper installation and condition
10. Inspect emergency and main contactors (contactors on non bypass switches will necessitate operation of transfer switch) **\*\*This will be done only with customer consent.\*\*** (bypass side of switch only).
11. Inspect control contacts
12. Bypass switches will be placed in bypass to inspect main contacts by means of placing bypass to the preferred source (utility) and placing the auto part of the switch disconnect and removing from the ATS cabinet.
13. Indicate deficiencies and recommend repairs
14. Re-energize the engine start signals
15. Initiate by pass switches in test mode. Non bypass switches will not be actuated unless authorized.
16. Thermal Imaging of ATS only



*Mobile load bank testing available.*



## The “Eco-friendly” Maintenance Program

CK Power PLANNED SERVICE AGREEMENT is a coordinated program of inspection and service by trained technicians. At CK Power we pride ourselves on being innovative in the way we provide services to our generator customers. We recycle all materials used in the process of repair and maintenance to the generator equipment. All chemicals (such as oil, coolant, fuel), are recycled to minimize waste and help protect the environment from preventable waste and contamination.

**CK Power is proud to offer our newest program  
“The Eco-friendly”**



We have introduced this program in an effort with Chevron to minimize wasteful utilization of our natural resources and save you money on operating expenses.

We are now offering Chevron Delo 400 LE which combines highly refined base stocks with advanced additive technology to rival synthetic performance in critical engine tests. Delo 400 LE is a “ECO-Friendly” alternative to the traditional quality motor oil we are currently using in your engine.

### The utilization of the Delo 400 LE oil provides several benefits such as:

- Provides exceptional internal engine component protection
- Meets demands of EGR and SCR engines
- Provides exceptional performance in conventional engines
- Formulated to be compatible with exhaust after-treatment devices
- May be used in older, diesel and gasoline engines
- Provides longer oil drains that saves you \$\$ in maintenance cost



**CK Power will provide oil sampling and change filters yearly.**

**Change your engine oil every 3 years versus yearly!**





# Planned Service Agreement For A.P.M./A.P.U. Oil Field Applications

CK Power PLANNED SERVICE AGREEMENT is a coordinated program of inspection and service by trained technicians. The program is designed to enhance the performance and reliability of your A.P.M. The owner understands this program is not a guarantee against equipment malfunction or failure, expressed or implied. The Planned Service Agreement is designed to perform the necessary service and, therefore, minimize the likelihood of failure or malfunction, while providing the owner a status report of said equipment. CK Power will perform inspections on the equipment in accordance with the attached schedule. The Major and Minor inspections differ only in that the Major inspection includes lube oil change, oil filter and the Minor inspection will include lube oil sampling.

## Major Inspection

- Change engine oil and filter(s)  
(Recommended every 1000hrs.)
- Record lube oil pressure
- Clean crankcase breather
- Record coolant level and mixture
- Record coolant temperature
- Check belt tension and condition
- Check duct work for defects
- Air cleaners – check/clean
- Check coolant hoses and connections
- Check for oil/coolant leakage
- Inspect belt guards, cage
- Check exhaust-system for leaks
- Check battery specific gravity, electrolyte level, and clean connections
- Check battery charger operation
- Inspect ignition wiring, if equipped
- Check ignition timing, points and plugs, if equipped
- Adjust carburetor, if equipped
- Check governor operation
- Operational check of PTO clutch, lubricate and adjust as needed.
- Check, adjust jack shaft belt tension and lubricate.
- Valve adjustments (Kubota 972 every 1000 hrs)

## Minor Inspection

Includes all services performed during Major inspection, less lube oil and filters changes, but will include the following:

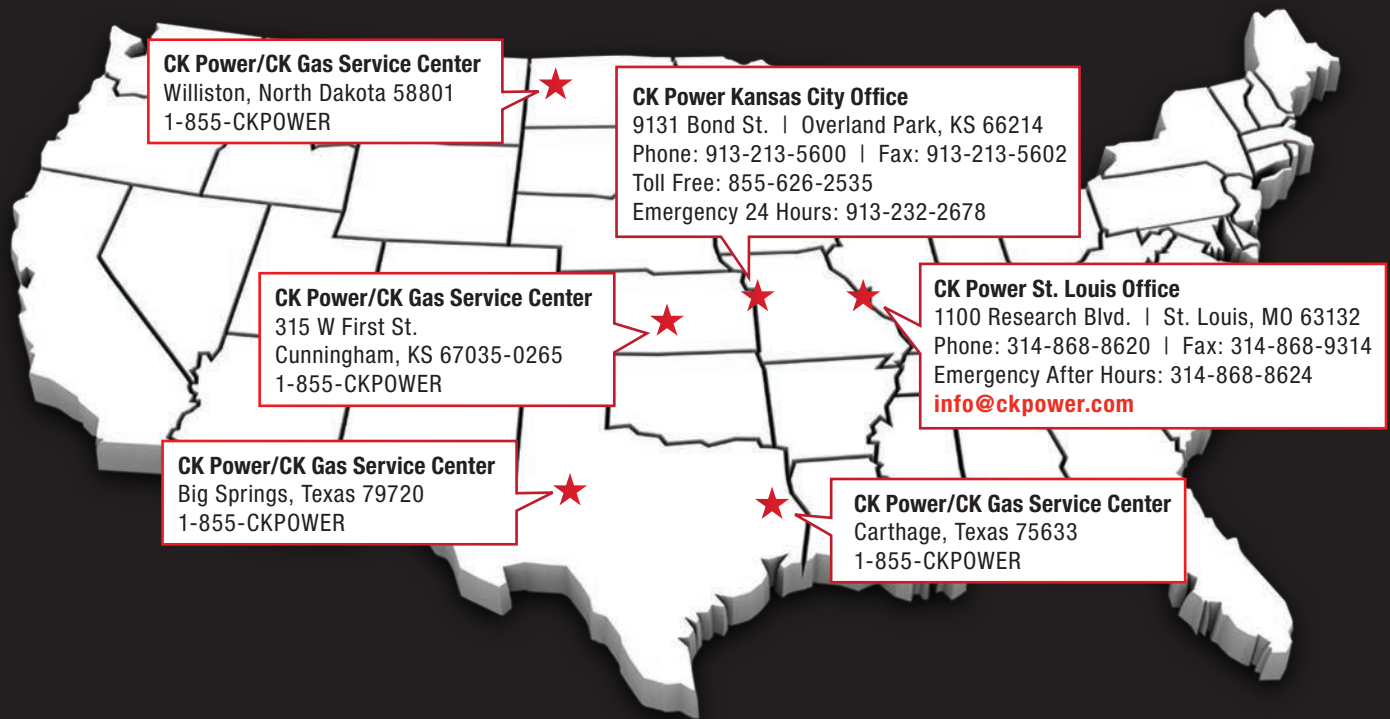
- Oil sampling (recommended every 250 hrs)

## Optional Services

These services are performed and proposed at customer request.

- Replace spark plugs  
(Recommended every 2000 hrs)
- Antifreeze replacement  
(Recommended every 5000 hrs. or 2 years)
- Jack Shaft belt replacement
- Battery replacement (Recommended every 3 years)
- PTO clutch replacement
- Belt and hose replacement  
(Recommended every 2 years, or 5000hrs)
- Replace distributor cap, wires, rotor  
(GM recommended every 4000 hrs)





**JOHN DEERE**

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**Kubota**

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**Toll Free**

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**Please Note: Even if your unit is under the Manufacturer warranty period;**

- Not all repairs are covered under warranty • Labor and Mileage after the 2 of a 5 year basic warranty is not covered under warranty
- Overtime/double time rates are not covered under warranty • Issues related to improper installation or failure to complete proper start-up procedures are not covered under warranty

**SEE YOUR WARRANTY POLICY FOR COMPLETE DETAILS:**

Response times vary due to levels of service calls, levels of priority. All calls are on a first come first serve basis.

**EMERGENCY PHONE: 314-868-8624**