

Peak Alert Generator Maintenance Checklist

Use this handy checklist as you work to maintain your peak alert generators.

Weekly Maintenance

- Run the generator (typically no-load, automatic transfer switch exercise cycle).
- Verify that the unit ran and has no alarms or warnings.
- Ensure adequate fuel levels.
- Ensure that the generator is in "Auto" mode, for automatic startup.
- Check that the circuit breaker is closed.
- Make sure there are no fluid leaks.

Monthly Maintenance

- Check engine coolant level.
- Check engine oil level.
- Check the battery charger.
- Run the generator (with load, automatic transfer switch exercise cycle).



Bi-Annual Maintenance (Schedule maintenance with a certified technician.)

- Inspect the enclosure.
- Check the battery electrolyte level and specific gravity.
- Check battery cables and connections.
- Inspect drive belts.
- Inspect the coolant heater.
- Check coolant lines and connections.
- Check for oil leaks and inspect lubrication system hoses and connectors.
- Check for fuel leaks and inspect fuel system hoses and connectors.
- Inspect the exhaust system, muffler and exhaust pipe.
- Check and clean air cleaner units.
- Inspect air induction piping and connections.
- Inspect the DC electrical system, control panel and accessories.
- Inspect the AC wiring and accessories.



Annual Maintenance (Schedule maintenance with a certified technician.)

- Change oil and filter.
- Change the fuel filter.
- Change the air filter.
- Clean the crankcase breather.
- Change spark plugs (if applicable).
- Check coolant concentration.
- Flush the cooling system (as needed).
- Perform load bank testing.
- Fuel testing & reconditioning (diesel-fueled units only).
- Remove water from fuel tank (diesel-fueled units only).

MVEC

MINNESOTA VALLEY ELECTRIC COOPERATIVE

A Touchstone Energy® Cooperative 