

Requirements for Emergency Generator Operation

All Emergency Generators

Can only be run for the following reasons

- Actual emergency loss of primary power to a building
- Maintenance and Testing
- Voltage Reduction as announced by Electric Company (PJM grid notification)

Maintenance and Testing

- Only allowed during days when the air quality is “Good” or “Moderate” (Automatic exercisers must be disabled from the factory). The following website must be checked: http://www.airnow.gov/index.cfm?action=airnow.local_state&stateid=31
- Required record keeping
 - Date of test
 - Reason for test
 - Start time of test
 - Stop time of test
 - Name of person running the test

Special Requirements for Diesel Generators

2007 and later model year **Diesel** emergency generators must be EPA certified as per 40 CFR 60.4205. Documentation must be received from manufacturer and sent to REHS

Diesel emergency Generators must use low Sulfur Diesel (0.2% Sulfur or less)
As of October 1, 2007 Ultra low Sulfur Diesel must be used (0.05% Sulfur or less)
Documentation for each delivery must be received from supplier and sent to REHS

COMPLIANCE ADVISORY

The new rules, including the new record keeping requirements, become effective March 7, 2007, for all emergency generators greater than 37 Kw. You must begin keeping the new records by March 7, 2007. These new record keeping requirements are as follows:

The owner or operator of an emergency generator with a maximum rated output of 37 kW, shall maintain on site and record in a logbook or computer data system, the following information:

1. Once per month, the total operating time from the generator's hour meter;
2. For each time the emergency generator is specifically operated for testing or maintenance:
 - i. The reason for its operation;
 - ii. The date(s) of operation and the start up and shut down time;
 - iii. The total operating time for testing or maintenance based on the generator's hour meter; and
 - iv. The name of the operator; and
3. If a voltage reduction is the reason for the use of the emergency generator, a copy of the voltage reduction notification from PJM or other documentation of the voltage reduction.

Also, any routine maintenance or testing of the emergency generator may not be performed if poor air quality is predicted. You must check the DEP's air quality web site to ensure good or moderate air quality is predicted prior to performing testing or maintenance that will require operation of the generator. You can check the web site at: <http://www.state.nj.us/dep/aqpp/aqforecast/index.htm> .

Operating emergency generators for peak shaving or for any non-emergency use to reduce electrical demand is not allowed by the Department. Emergency Generators are only allowed to operate under emergency situations or for testing and maintenance as described above.

