

NESHAP: What should you do?

Related to Stationary Diesel Generators typically¹ used in MN/IA

What should you be doing if you own/operate existing sources (diesel generators)?

1) **Inventory Sources (stationary diesel generators)**

List all diesel generators owned. Make note of the following:

- Application: emergency only, peak shaving, available capacity, storm avoidance, etc.
- Engine / generator information: manufacturer, model #, serial #, kW rating, facility name, facility address, manufacture date, installation date

2) **Identify Sources Effected by NESHAP**

- Not affected: emergency-only or newer than 6/12/2006 or already meets NESHAP emission limitations (some engines may already meet the standard)
- Affected: non-emergency uses and older than 6/12/2006 and does NOT meet NESHAP emission limitations

3) **Gather Information For Affected Sources and Options**

- Test engine for emissions levels, backpressure/limitations, as needed
- Estimate compliance costs: engine modifications and/or after treatment, fuel replacement to ULSD, ongoing monitoring of compliance
- Estimate application change costs: loss of use and/or loss of revenue resulting from converting generator to emergency-only, effects on power agreements
- Estimate replacement costs: to replace with new equipment

4) **Evaluate, Select, Plan, Budget, and Execute**

- Provide Initial Notification to EPA by August 31, 2010, and upgrade existing unit to comply with NESHAP prior to May 3, 2013, or
- Convert to Emergency Application prior to May 3, 2013, or
- Replace existing with new prior to May 3, 2013

Key Dates: **8/31/2010:** Initial Notification to the EPA if you own effected sources
 5/3/2013: Affected sources must be compliant with NESHAP

¹Note: Assumes existing units are located at area sources. Rules and requirements differ for major sources.

FOR MORE INFORMATION: Please be advised that this document is for informational purposes only and should not be construed as legal advice. End-users should refer to EPA regulations at 40 CFR Part 63 subpart ZZZZ for more detailed information. For applicability to your situation, please consult your legal advisor. For more information about technologies to help you meet today's stringent air quality regulations, please contact Ziegler Power Systems.

ZIEGLER POWER SYSTEMS

Shakopee, MN 952-445-4292 or 888-320-4292
Altoona, IA 515-957-3800 or 800-342-7002