

# PUBLIC ENTITY PAK EXPOSURE SURVEY ELECTRIC UTILITY MECHANICAL BREAKDOWN

Named Insured: \_\_\_\_\_ State: \_\_\_\_\_

If the insured has electrical generating equipment, answer questions 1-20. If the insured only has switchgear, substations, power lines and transformers, answer questions 12-20.

1. Please provide the number of engines and type (diesel internal combustion, gas turbine, etc.) \_\_\_\_\_  
\_\_\_\_\_
2. Please provide the size of each engine, manufacturer's name, and year built. \_\_\_\_\_  
\_\_\_\_\_
3. Does each engine at the facility carry a similar load?  Yes  No. And if not, what is the percentage of demand on each? \_\_\_\_\_
4. Are any engines at the facility kept in a standby status while other engines are running (spares)?  Yes  No
5. Is the facility manned?  Yes  No. And if so, what percentage of the day, weekends, and holidays? \_\_\_\_\_  
\_\_\_\_\_
6. If a station is not continuously manned, are the engines connected to a central monitoring station that is continuously manned?  Yes  No
7. Is there a program for vibration monitoring?  Yes  No.  
Is it designed to shut down the engine at a specified threshold?  Yes  No  
Please describe. \_\_\_\_\_
8. Describe the maintenance practices for engines, and the frequency of each. \_\_\_\_\_  
\_\_\_\_\_
9. Are the generators subject to insulation resistance or other types of testing?  Yes  No.  
Please describe along with the frequency. \_\_\_\_\_  
\_\_\_\_\_
10. Describe any engine/generator breakdowns in the last 5 years. \_\_\_\_\_
11. What contingencies are documented should a breakdown of an engine occur? \_\_\_\_\_
12. What are the age, manufacturer, and size (amps) of the switchgear? \_\_\_\_\_
13. Describe any protective relays (type, function and date last calibrated). \_\_\_\_\_
14. Is electrical equipment subject to infrared testing by a qualified concern?  Yes  No.  
Which equipment? \_\_\_\_\_  
At what frequency? \_\_\_\_\_  
Are reports available?  Yes  No
15. What is the age, manufacturer, type (oil filled, air-cooled) and size (kva) of electrical transformers at the facility? \_\_\_\_\_  
\_\_\_\_\_
16. Are oil-filled transformers subject to gas in oil analysis by a qualified concern?  Yes  No.  
At what frequency? \_\_\_\_\_  
Are reports available?  Yes  No
17. Is underground electrical cable present at the facility?  Yes  No.  
If so, please describe the length, containment (concrete vault, gravel, soil) and surface covering the cable (asphalt, concrete, gravel, soil). \_\_\_\_\_
18. Has any piece of electrical equipment contained PCB materials (including equipment retro-filled with another material)?  Yes  No
19. Describe any transformers/switchgear breakdowns in the last 5 years \_\_\_\_\_
20. Describe any documented contingencies or spares addressing transformers and switchgear. \_\_\_\_\_  
\_\_\_\_\_