Guidelines

Emergency generators are allowed to operate only during the following:

- 1. An emergency [loss of utility power], allowable at any time.
- 2. A voltage reduction / brownout, allowable at any time.
- 3. Normal testing and maintenance, allowable only when air quality forecasts are moderate or good.
- 4. Mandatory testing and maintenance operation required by federal or state law, allowable at any time.

Emergency generators are generally NOT allowed for the use of the following:

- 1. For load shaving, peaking power production, or generation in an agreement with a utility energy assistance program;
- In a circumstance other than an emergency [loss of utility power], voltage reduction, or testing/maintenance. Recordkeeping by manual logging of parameter
 or storing in computer data system annually. All records created in a calendar year shall be maintained on site for five additional calendar years, and made
 available to the Department for review, upon request.

Permittee shall record in either a permanent bound log book or in readily accessible computer memories instances (date and time) when the operation of equipment has the potential to cause off-property effects. All records must be maintained on site for a minimum of 5 years.

Recordkeeping by bills of lading, delivery invoice or certificate of analysis per delivery. The permittee shall keep records of fuel oil sulfur content for each delivery received. All records must be maintained for a minimum of 5 years.

The owner or operator of an Emergency Generator shall record in a logbook or computer data system, the following information for each Emergency Generator:

- (a) Total operating time from the Emergency Generator's hour meter, once per month;
- (b) If a voltage reduction is the reason for use of the Emergency Generator, a copy of the voltage reduction notification from PJM or other documentation of the voltage reduction, upon occurrence of event; and
- (c) If testing or maintenance is the reason for the operation of the Emergency Generator, the Permittee shall record the following upon occurrence of event:
 - 1. The reason for its operation.
 - 2. The date(s) of operation and the start-up & shutdown time;
 - 3. The total operating time for testing or maintenance based on the Emergency Generator's hour meter; and
 - 4. The name of the operator.
 - 5. Check and document that the air quality status was acceptable on any days when testing and/or maintenance occurred.
- (c) At the end of each calendar year, verify that emergency/total use complies with permit limitations (if any) on hours of operation per year. Be sure to comply with any and all permit requirements, such as annual visible emission observations, fuel oil sulfur documentation, and any USEPA New Source Performance Standards (NSPS) requirements in 40 CFR 60 (generally applicable only to engines installed/modified after 2005).

Initials of Generator Staff

NAME (PRINTED)	INITIALS	POSITION	DATE
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EMERGENCY GENERATOR LOG

Air PI#:

	VOLTAGE REDUCTION	REASON FOR USE								~ <											
Generator Description:	EVERY INSTANCE OF TESTING, MAINTENANCE, REPAIR OR BROWNOUT / VOLTAGE REDUCTION	TOTAL OPERATING INITIALS TIME												>							
	, MAINTENANCE, R	SHUTDOWN HR. METER					<			3											
	STANCE OF TESTING	STARTUP SHUTDOWN HR. METER TIME						5										_			
	EVERY INS	DATE STARTUP TIME									7						Y	R			
#:	AIR QUALITY INDEX	DATE BEFORE TESTING																			
Permit #:	===	INITIALS													voltage s record om your		annually	average cluded).	visible o record tions.	ntinue	Se of
	H HOUR ME	HOUR METER READING													a brownout/ o keep some notification fra	event.	observations GP-005 (if	10 second a	ed. Be sure to nd sky condi	needed, cor	es on rever
Air PI#:	ONCE PER MONTH HOUR METER:	ENTER ACTUAL YEAR DATE	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	NOTE: If used during a brownout / voltage reduction, also keep some record (preferably a notification from your power company) that documents	the brownout event.	MakeVisibleEmissionsobservationannually in accordance with GP-005 (if source	permitted) based on 10 second average (startup periods can generally be excluded).	emissions are observed. Be sure to record date, time, observer, and sky conditions.	If more entries are needed, continue on separate page.	Record Service Notes on reverse of this page.

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MAINTENANCE, REPAIRS AND REPLACEMENTS

1										
o	SIGNATURE									
MAIN I ENANCE, NEFAINS AND NEFLACEMENTS	SERVICE NOTES			(2)						
	DEFECTS									
	DATE									

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