

DISTRICT  
DEPARTMENT  
OF THE  
ENVIRONMENT



Item #5  
MWAQC-TAC  
October 8, 2013

# Distributed Generation in the District of Columbia As of October 2013

green.dc



# Population of Permitted Generators



- Roughly 80% diesel fuel
- Roughly 20% natural gas fuel
- Almost all are emergency generators



# Generator Permit Language



- b. With the exceptions specified in Condition III (c), the emergency generator shall be operated **only during emergencies as follows**:
1. An electrical power outage due to: a failure of the electrical grid; on-site disaster; local equipment failure; or public service emergencies such as flood, fire, natural disaster, or severe weather conditions (e.g. hurricane, tornado, blizzard, etc.);
  2. For a period of up to 15 hours per calendar year when there is a substantial deviation of voltage or frequency from the electrical provider to the premises of 5 percent or more below standard voltage or frequency such that the equipment being supported cannot be safely or effectively operated; or
  3. When a sudden, unexpected event occurs that, if not immediately attended to, presents a safety or public health hazard, is necessary to protect equipment from damage, or is necessary to avoid imposing an unreasonable financial burden. An emergency includes operations necessitated by non-routine failures of equipment, but it **does not include voluntary demand reductions** covered by Condition III (f).



# Permitted Exceptions



- c. The emergency generator may be operated for the purpose of maintenance checks and readiness testing for a period not to exceed one hundred (100) hours per year. Any such operation shall be considered as part of the 500 hours allowed under Condition III (a) above. [20 DCMR 201]
- f. The emergency generator shall not be operated in conjunction with a voluntary demand-reduction program or any other interruptible power supply arrangement with a utility, other market participant, or system operator. [20 DCMR 201]



# Existing Authority at 20 DCMR



## 201 GENERAL REQUIREMENTS FOR PERMIT ISSUANCE

201.1 The Mayor may issue a permit upon finding the following:

- (a) That the applicant's proposed equipment, facilities, and procedures are adequate to minimize to danger to public health and welfare;
- (b) That the issuance of the permit will not be inimical to the public health and welfare;



# Proposed Rulemaking



- Proposed at 20 DCMR Chapter 14: Air Toxics and Hazardous Air Pollutants (HAPs)
- Incorporates EPA's RICE NESHAP except for sections of the rule that allow participation in emergency demand response programs
- Received significant public comment to support allowing participation in emergency demand response programs; DDOE is currently considering comments

