

CLARK COUNTY

AIR QUALITY REGULATIONS

**SECTION 35 - DIESEL ENGINE POWERED ELECTRICAL
GENERATING EQUIPMENT**

Definitions:

DISPATCHABLE PEAK SHAVING: A program by which Peak Shaving operations will be scheduled and controlled by the serving public utility to those times essential to maintain a reliable, area-wide, supply source of electrical energy.

EMERGENCY STANDBY DIESEL POWERED GENERATOR: A diesel power electric generator permanently installed on the users' property to provide electrical energy on an emergency and standby basis for life safety functions and general business functions during the loss of utility power and emergency situations. These functions include emergency lighting, ventilation and smoke control, elevators, exit lights, fire pumps, and other life safety functions as required by the Uniform Building Code and the Uniform Fire Code.

35.1 EMERGENCY STANDBY DIESEL POWERED GENERATOR installed in the Area of Applicability (Subsection 35.3) after January 1, 1991, are limited as follows:

- a) operations during tests, loss of electrical power and other emergency conditions as required by the Uniform Building Code and the Uniform Fire Code;
- b) DISPATCHABLE PEAK SHAVING purposes for up to 150 hours each per year.

35.2 EMERGENCY STANDBY DIESEL POWERED GENERATOR installed prior to January 1, 1991, and installed with equipment capable of peak shaving or DISPATCHABLE PEAK SHAVING may be used for

- a) operations during tests, loss of electrical power and other emergency conditions as required by the Uniform Building Code and Uniform Fire Code;

- b) peak shaving purposes up to 12 hours per day from June 1 through September 31 of each calendar year until June 1, 1993;

After June 1, 1993, such units shall only be used for

- a) DISPATCHABLE PEAK SHAVING purposes up to 150 hours per year.

35.3 EMERGENCY STANDBY DIESEL POWERED GENERATOR installed prior to January 1, 1991, and without equipment for peak shaving utilization are limited to:

- a) operations during tests, loss of electrical power and other emergency conditions;
- b) dispatchable peak shaving purposes up to 150 hours per year commencing June 1, 1991.

35.4 OPERATING PERMIT conditions, generally discussed in Section 16, shall include these regulations.

- a) Owners of diesel powered electrical generating equipment who intend to be covered by Subsection 35.2 shall notify the Control Officer by April 15, 1991, in order that the appropriate OPERATING PERMIT conditions can be prepared.
- b) Notification shall include sufficient documentation to assure the CONTROL OFFICER that the peak shaving equipment had been installed prior to January 1, 1991.

35.5 Area of Applicability

Hydrographic Basins for Las Vegas Valley, Eldorado Valley and Boulder City.

History: Amended: February 28, 1991; April 24, 2001; June 3, 2003; July 1, 2004.