



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF INTENT TO ISSUE PERMIT(S) PURSUANT TO RULE 212

This notice is to inform you that the South Coast Air Quality Management District (South Coast AQMD) has received an application for an internal combustion engine driving an emergency generator at a location in your neighborhood. The South Coast AQMD is the air pollution control agency for all of Orange County and portions of Los Angeles, Riverside and San Bernardino Counties. Anyone wishing to operate, install or modify equipment that could be a source of air pollution within this region must first obtain a permit from the South Coast AQMD. Rule 212 – *Standards for Approving Permits and Issuing Public Notices* requires the applicant, for certain projects such as this one, to distribute a public notice prepared by the South Coast AQMD prior to the issuance of a permit. This notice is being distributed to all addresses within 1,000 feet of the project, and to the parents or legal guardians of the children attending any school(s) within a quarter mile of the project, because the project will be located within 1,000 feet of John F. Kennedy Elementary School located at 1300 E McFadden Ave, Santa Ana, CA 92705 and Century High School located at 1401 S. Grand Ave, Santa Ana, CA 92705. Additionally, this notice is distributed to all addresses within a ¼ mile radius of the project site due to an increase in emissions of toxic air contaminants that will result in a maximum individual cancer risk (MICR) greater than one-in-a-million (1×10^{-6}) attributable to the project.

Company Name: Orange County Data Center (Facility ID 122496)

Application No.: 657359

Location Address: 1400 S. Grand Ave, Santa Ana, CA 92705

Project Description: Operate an Internal Combustion Engine driving an emergency electrical generator

Orange County Data Center is a facility that offers a range of services including colocation, cloud solutions, and managed security. The engine will drive an electrical generator that can be used to supply power in case of an electrical emergency. The engine will be operated up to 5 hours per month for maintenance and testing. South Coast AQMD staff's calculations show that based upon a 30-day average a maximum of 3.59 lb/day of nitrogen oxides, 0.18 lbs/day of volatile organic compounds, 0.64 lbs/day of carbon monoxide, 0.09 lbs/day of PM10, and 0.01 lbs/day of sulfur oxides will be emitted from the project described above in any one day. Generally, the amount will be less as most emergency generator engines do not operate at their maximum potential. The engine operation will emit small quantities of some toxic compounds. Staff has evaluated the health risks, including cancer risk and chronic (long-term) health impacts associated with the maximum potential emissions. Exposure to diesel particulate matter does not have acute (short term) health impacts. Using worst case conditions, staff's evaluation shows that the chronic health risks are below a Hazard Index of 1, and the cancer risk at the John F. Kennedy Elementary School is estimated to be 1.95 in a million, while the maximum individual cancer risk is 1.51 in a million for residents and 1.60 in a million for workers.

South Coast AQMD staff has evaluated the permit application for the project and determined that all applicable air quality requirements in all applicable rules and regulations will be met. The air quality analysis of this project is available for public review by request. A copy of the draft permit can be viewed by entering the company's name or facility ID number at <https://onbase-pub.aqmd.gov/publicaccess/DatasourceTemplateParameter.aspx/MyQuery-222>. Information regarding the facility owner's compliance history submitted to or otherwise known by South Coast AQMD based on credible information is also available from South Coast AQMD for public review and can be accessed at <http://www.aqmd.gov/find> by entering the company's name or facility ID number. Anyone wishing to comment on the proposed issuance of this permit should submit their comments in writing within 30 days of the distribution date shown below, or postmark date, if this notice was received by mail. For any questions or concerns related to land use and zoning, please contact your local city or county planning department. Please submit requests or comments related to air quality to Ms. Shannon Lee, Senior Air Quality Engineering Manager, South Coast AQMD, 21865 Copley Drive, Diamond Bar, California 91765-4178 or by email to slee1@aqmd.gov. For additional information, please call Ms. Shannon Lee at (909) 396-2153.

For your general information, anyone experiencing air quality problems such as dust or odor can telephone in a complaint to the South Coast AQMD by calling 1-800-CUT-SMOG (1-800-288-7664) or through our free smart phone app available at <https://www.aqmd.gov/mobileapp>.

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