

PUBLIC NOTICE
Air Quality Construction Permit For
Maxeon Solar Technologies

Maxeon Solar Technologies (Maxeon) submitted an application for a new air quality construction permit to the Air Quality Program (Program) of the City of Albuquerque Environmental Health Department. The Program received the application on November 30, 2023. The owner of the facility is Maxeon Solar Technologies, 5700 University Blvd. SE, Ste. 200, Albuquerque, New Mexico 87106. The facility, Maxeon Mesa Del Sol (MMDS)/Golden Eagle (Facility), is proposing to be located at the Universal Transverse Mercator (UTM) coordinates of the Facility center are 354,312 meters east and 3,871,339 meters north with North American Datum of 1983 in Zone 13. The proposed Facility will be located in the 87106- zip code area. The proposed Facility will be approximately 1.3 miles from the Aperture Center at Mesa Del Sol located at 5700 University Blvd. SE, approximately 1.5 miles from Netflix Albuquerque Studios located at 5600 University Blvd. SE, approximately 2.4 miles from Fidelity Investments Corporate office located at 5401 Watson Drive SE, and approximately 2.5 miles from the Isleta Amphitheater located at 5601 University Blvd. SE. See the google earth image. This application file has been assigned Permit Application No. 3516. The Program has made an affirmative administrative completeness determination and is providing this notice pursuant to 20.11.41.14 NMAC.

Maxeon is requesting a new construction permit to construct and operate a new photovoltaic (PV) solar panel manufacturing facility (Facility). Photovoltaic solar panel cells are produced by delivering gases and liquid chemicals to processing tools that perform various processes on a silicon wafer substrate within the Cell Fabrication. The cells are then grouped into modules and interconnected to allow the panel to produce electricity within the Module Production area. The Facility is expected to manufacture about 5.8 million solar panels, corresponding to 3.5 gigawatts of power annually. Maxeon is requesting to operate 8,760 hours per year.

The proposed manufacturing processes will include two (2) main production areas: The Cell Production area (CellFab) and the Module Production area (ModCo). Air emissions from the manufacturing processes will be controlled with scrubbers and other point of use control systems.

- Three (3) Acid Scrubbers each rated at 58,596 cubic feet per minute (cfm)
- Three (3) Alkaline Scrubbers each rated at 40,906 cfm;
- Two (2) Silane Scrubbers each rated at 9,437 cfm

The facility will also include ancillary equipment such as natural gas boilers, diesel generators, fire pump and cooling towers.

- Four (4) 900 hp (30.1 MMBTU/hr) natural gas fired boilers;
- Three (3) 2,682 hp (2,000 kW) diesel-fired emergency engines;
- One (1) 542 hp diesel-fired fire pump;
- Eight (8) cooling Towers each rated at 4,000 gallons per minute (gpm);

The proposed air pollution maximum allowable emissions from this facility have been estimated to be:

Air Contaminant	Proposed Total Emissions ¹	
	(lbs/hr)	(tpy)
Nitrogen Oxides (NO _x)	13.2	5.8
Carbon Monoxide (CO)	52.8	22.3
Volatile Organic Compounds (VOC)	21.4	82.5
Sulfur Dioxide (SO ₂)	0.98	1.7
Particulate Matter ≤ 10 microns (PM ₁₀)	1.5	2.9
Particulate Matter ≤ 2.5 microns (PM _{2.5})	1.1	1.8
Hazardous Air Pollutants (HAP)	3.0	12.3

¹The proposed emissions in this notice are provided by the applicant and are subject to change during the course of the Program's review of the application.

A copy of the permit application, all supporting documentation, and the Program's technical analysis, if and when it is completed, may be inspected by the public at the Program offices at Room 3023, One Civic Plaza NW, Albuquerque, NM. Any person who wishes to receive notice of the availability of the Program's technical analysis for review and comment, must expressly request notice in writing to the Program at: Albuquerque Environmental Health Department, Air Quality Program – Permitting Section P.O. Box 1293, Albuquerque, New Mexico 87103 before the end of the public comment period on January 7, 2024. The public will have no fewer than 30 days to submit written comments and evidence, request a public information hearing, or both on the permit application to the Program. Comments will be accepted and considered if postmarked by the end of the public comment period. Formal action on the application will be reserved pending receipt and analysis of any additional details or information developed during the public comment period. Any person who does not participate in the permitting action will not receive notification of the Program's decision regarding the proposed permit, unless the person has delivered a written request for notice to the department. The application, all supporting documentation, and the public notice are available online at <http://www.cabq.gov/airquality/air-quality-permits>.

The Program shall hold a Public Information Hearing pursuant to 20.11.41.15 NMAC if the Director determines there is significant public interest and a significant air quality issue is involved.

The Program expects to issue, issue subject to conditions, or deny this application before March 7, 2024. The Program will not issue any air quality permit with or without conditions unless an air quality ambient impact dispersion modeling study, if deemed necessary by the Program, shows that the facility would not cause or contribute to a potential violation of air quality standards. If the Program issues the permit with conditions, the conditions will include those that limit the emissions, and conditions that will require recordkeeping and reporting to the Program to ensure compliance with federal and local air regulations.

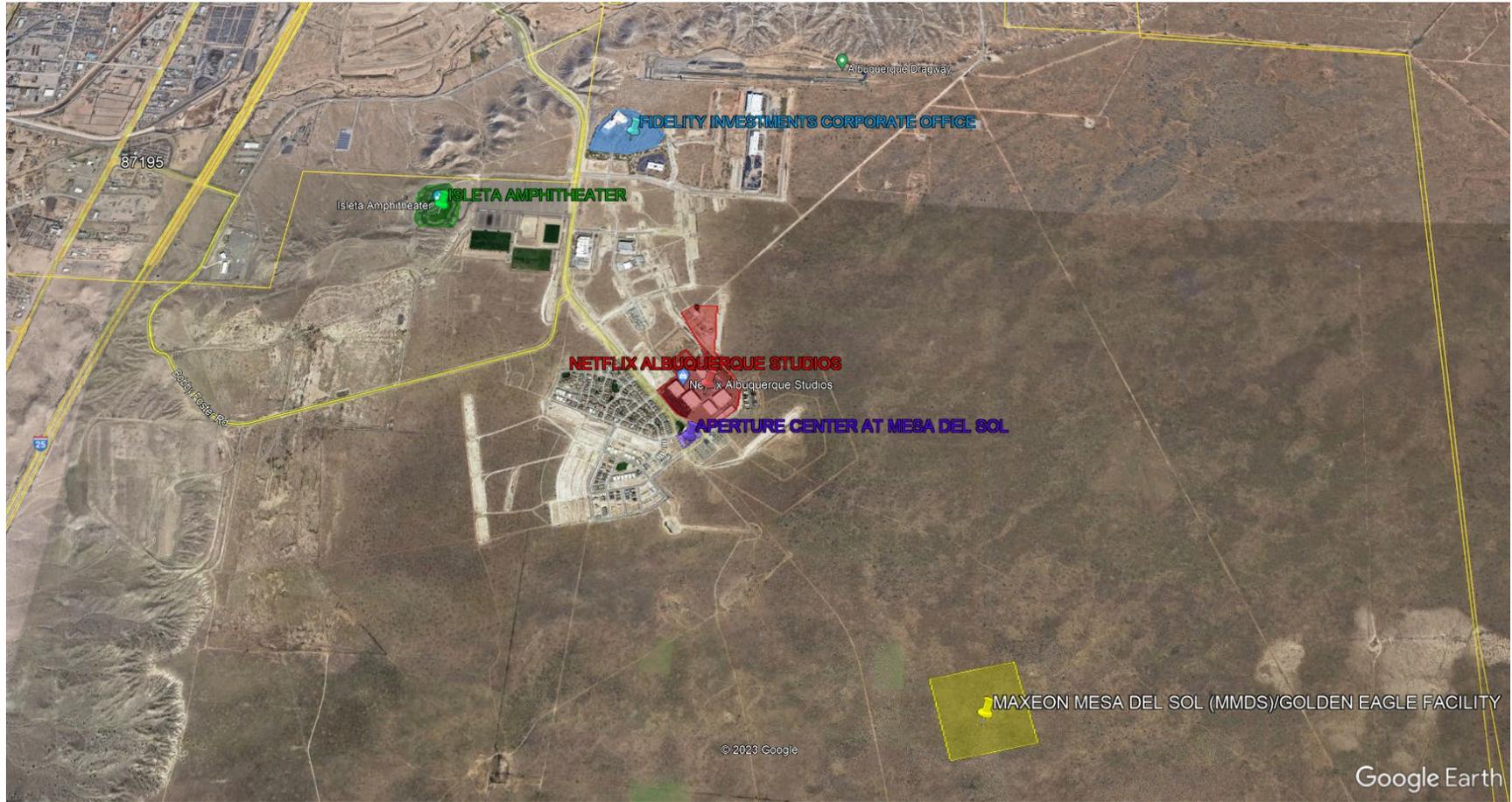
The Program's offices are located at One Civic Plaza NW, Room 3023, Albuquerque, NM 87102. The Program's mailing address is Albuquerque Environmental Health Department, Air Quality Program – Permitting Section, PO Box 1293, Albuquerque, NM 87103.

For more information, contact Angela Lopez, Environmental Health Permitting Manager, at 505-768-1962 or angelalopez@cabq.gov.

NOTICE OF NONDISCRIMINATION AND ASSISTANCE FOR PERSONS WITH DISABILITIES OR SPECIAL NEEDS: The City of Albuquerque does not discriminate on the basis of race, color, national origin, age, disability, religion, ancestry, sexual orientation, gender identity, spousal affiliation or sex. If you believe you have been discriminated against, you may submit a complaint at <https://www.cabq.gov/civilrights>. You may also contact Amanda Trujillo, Executive Assistant, General Services Division at amandatrujillo@cabq.gov.

If you have a disability and require special assistance to participate, please contact Angela Lopez, Environmental Health Permitting Manager at 505-768-1962 as soon as possible before the deadline. Those in need of hearing assistance may call 711.

MAXEON SOLAR TECHNOLOGIES
GOOGLE EARTH IMAGE OF MAXEON MESA DEL SOL (MMDS)/GOLDEN EAGLE FACILITY
LOCATION IN RELATION TO EXISTING STRUCTURES IN THE AREA



The facility, Maxeon Mesa Del Sol (MMDS)/Golden Eagle (Facility), is proposing to be located at the Universal Transverse Mercator (UTM) coordinates of the Facility center are 354,312 meters east and 3,871,339 meters north with North American Datum of 1983 in Zone 13. The proposed Facility will be located in the 87106-zip code area. The proposed Facility will be approximately 1.3 miles from the Aperture Center at Mesa Del Sol located at 5700 University Blvd. SE, approximately 1.5 miles from Netflix Albuquerque Studios located at 5600 University Blvd. SE, approximately 2.4 miles from Fidelity Investments Corporate office located at 5401 Watson Drive SE, and approximately 2.5 miles from the Isleta Amphitheater located at 5601 University Blvd. SE.