

DOCKETED	
Docket Number:	09-AFC-08C
Project Title:	Genesis Solar Energy Project
TN #:	271833
Document Title:	Data Requests Set No 1 - PTA for Construction of Parking Structure
Description:	Data Request Set No. 1 - PTA for Construction of Parking Structure
Filer:	Anwar Ali
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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August 5, 2026

Cynthia Keller
Renewable Environmental Leader
Genesis Solar Energy Project
11995 Wiley's Well Road
Blythe, California 9222

Data Requests Set No. 1 - Genesis Solar Energy Project (09-AFC-08C)

Dear Cynthia Keller:

The California Energy Commission (CEC) staff is asking for the information specified in the enclosed Data Requests. The Data Requests are necessary for the staff analysis of the Genesis Solar Energy Project petition to amend (PTA) for the construction of the parking structure (TN # 270588).

To assist CEC staff in timely completing its environmental review and to meet the requirements of CEQA (see Cal. Code Regs., tit. 14, §§ 15108, 15109), the CEC staff is requesting responses to the data requests within 30 days. If you are unable to provide the information requested or need to revise the timeline, please let me know within 10 days of receipt of this letter.

If you have any questions, please email me at anwar.ali@energy.ca.gov.

Sincerely,

Anwar Ali

Anwar Ali, Ph.D.

Senior Environmental Planner

Compliance, Monitoring and

Enforcement Unit

Safety and Reliability Branch

Siting, Transmission, and Environmental

Protection Division

Enclosure: Data Requests – AIR QUALITY, GEO & PALEO, and SOILS & WATER

GENESIS SOLAR ENERGY PROJECT (09-AFC-08C)
PTA FOR CONSTRUCTION OF PARKING STRUCTURE
AIR QUALITY - DATA REQUESTS – SET NO. 1

TECHNICAL AREA: AIR QUALITY

AUTHOR: Gerry Bemis

Background

On June 12, 2026, Genesis Solar, LLC, submitted an amendment request (TN# 270588 <https://efiling.energy.ca.gov/GetDocument.aspx?tn=270588&DocumentContentId=107901>) to the California Energy Commission to construct a new parking structure to shade site equipment from the sun. The applicant states that there are no air quality or public health impacts (they call these “changes”) associated with the proposed facility modifications (amendment request, page 9). They also state that there are no residential homes, hospitals or schools within a 20-mile radius of the facility (amendment request, page 10) and that the I-10 Wiley’s Well Road rest facility is approximately 11 miles from the existing facility (amendment request, page 9).

However, the applicant did not fully describe the activities that would be needed onsite to construct the parking structure.

Data Requests

1. Please explain the status of the parking area that was partially built in 2017 and explain how it relates to the parking structure proposed in the current amendment request.
2. Please provide the estimated amount of time needed to construct each component of the new parking structure.
3. Please estimate the number of each type of construction equipment needed to conduct the work. Include fuel type.
4. Please explain whether the onsite parking structure would occur concurrently.
5. Please verify that the emissions impacts are not significant, as stated in the amendment request. One approach for evaluating impacts for significance is to compare amendment equipment use to the equipment used to construct this facility originally.

GENESIS SOLAR ENERGY PROJECT (09-AFC-08C)
**PTA FOR CONSTRUCTION OF HEAVY EQUIPMENT PARKING
STRUCTURE**

DATA REQUESTS – SET NO. 1

TECHNICAL AREA: GEOLOGIC HAZARDS

AUTHOR: KEVIN DELANO, P.G., M.S.

BACKGROUND:

The PTA application stated that construction and operation of a parking structure for heavy equipment would have no impacts related to geologic hazards. Section 6 of the PTA application included facility design drawings and notes. However, the PTA application did not provide sufficient supporting information and analysis to support a no impact conclusion.

DATA REQUESTS

1. As required in the California Building Code (CBC) Section 1803, please provide a preliminary site-specific geotechnical investigation that includes an evaluation of, and recommended mitigation for, site-specific geologic conditions and hazards to mitigate potential impacts to less than significant.
2. Revise the PTA application to evaluate potential impacts related to geologic hazards that may occur during project grading, construction, and operation according to the CEQA Guidelines Checklist found in the California Code of Regulations, Title 14, Division 6, Chapter 3, Appendix G, VII. Geology and Soils.
3. Revise the PTA application to evaluate if the mitigation proposed in the preliminary site-specific geotechnical investigation, along with conformance with applicable LORS, would mitigate potential impacts related to project construction and operation and geologic hazards to less than significant.

GENESIS SOLAR ENERGY PROJECT (09-AFC-08C)
PTA FOR CONSTRUCTION OF PARKING STRUCTURE
DATA REQUESTS – SET NO. 1

TECHNICAL AREA: PALEONTOLOGICAL RESOURCES

AUTHOR: KEVIN DELANO, P.G., M.S.

Background:

According to the CEC's 2010 Revised Staff Assessment for the Genesis Solar Energy Project, Holocene to Pleistocene aged sedimentary deposits at, or near, the project site have low to high paleontological sensitivities, respectively. CEC staff are unclear where on the project site.

The PTA application stated that construction and operation of a parking structure for heavy equipment would have no impacts related to paleontological resources. However, the PTA application did not provide supporting information or analysis to support this conclusion. The Site/Facility Plan inset of design plan drawing sheet T-1.0 included with the parking structure PTA application is low resolution and does not appear to correspond to the actual Genesis Solar Energy Project facilities as seen on Google-Earth.

CEC staff is unable to determine the parking structure location and cannot evaluate the paleontological potential of underlying sedimentary deposits or rock formations that would be disturbed during construction.

DATA REQUESTS

1. Evaluate if the existing COCs PAL-1 through PAL-7 would mitigate potential impacts on paleontological resources to less than significant.

GENESIS SOLAR ENERGY PROJECT (09-AFC-08C) PTA FOR CONSTRUCTION OF PARKING STRUCTURE

DATA REQUESTS – SET NO. 1

TECHNICAL AREA: SOIL AND WATER RESOURCES

AUTHOR: James Ackerman

BACKGROUND: The Site/Facility Plan inset of design plan drawing sheet T-1.0 included with the parking structure PTA application is low resolution and does not appear to correspond to the actual Genesis Solar Energy Project facilities as seen on Google-Earth. This makes it difficult to determine the parking structure location.

DATA REQUESTS

1. Please provide a detailed site plan of the proposed location of the parking structure within the Genesis Solar Energy Project facility.

BACKGROUND: According to design plan drawing sheet S-1, the footprint of the parking structure would be 6,700 square feet. What is not identified in the description of the project is an estimate of the soil disturbance and the amount of water needed for dust control.

DATA REQUESTS

2. Please provide a spatial estimate and depth of soil disturbance.
3. Please provide an estimate of the water used for dust suppression during construction.