

DOCKETED	
Docket Number:	09-AFC-08C
Project Title:	Genesis Solar Energy Project
TN #:	271888
Document Title:	Data Requests Set No 1 - Well Replacement Petition To Amend
Description:	Data Requests Set No 1. - Well Replacement Petition To Amend
Filer:	Anwar Ali
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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**CALIFORNIA
ENERGY COMMISSION**



August 7, 2025

Cynthia Keller
Renewable Environmental Leader
Genesis Solar Energy Project
11995 Wiley's Well Road
Blythe, California 92225

**GENESIS SOLAR ENERGY PROJECT (09-AFC-08C) -
CONSTRUCTION OF REPLACEMENT WELL PTA**

Dear Cynthia Keller:

The California Energy Commission (CEC) staff is requesting 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 replacement well (TN # # 270589).

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 and SOILS&WATER.

GENESIS SOLAR ENERGY PROJECT (09-AFC-08C)

PTA FOR WELL REPLACEMENT PROJECT

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# 270589) to the California Energy Commission to drill a new water well, called well #3, to replace an existing water well #2 that has a liner that is failing. The applicant states that there are no air quality or public health impacts (they call these “changes”) associated with drilling this new well (amendment request, page 11). They state that there are no residential homes, hospitals or schools within a 20-mile radius of the facility (amendment request, page 12) and that the I-10 Wiley’s Well Road rest facility is approximately 11 miles from the facility site (amendment request, page 11).

However, the applicant did not fully describe the activities that would be needed onsite to drill the new water well.

Data Requests

1. Please estimate the time needed to construct replacement well #3.
2. Please explain whether the onsite new parking structure work (requested under a separate amendment request) and well #3 work would occur concurrently.
3. Please estimate the number of each type of construction equipment needed to conduct the work. Include fuel type.
4. Please verify that the emissions impact are not significant, as stated in amendment request. One approach is to compare onsite amendment construction equipment to the original construction of the facility.

GENESIS SOLAR ENERGY PROJECT (09-AFC-08C) CONSTRUCTION OF REPLACEMENT WELL PTA

DATA REQUESTS – SET NO. 1

TECHNICAL AREA: SOIL AND WATER RESOURCES

Author: James Ackerman

BACKGROUND: The petition to amend (PTA) docketed on June 12, 2026 (TN270589) proposes to replace existing groundwater production well No. 2 with a new production well (No. 3). The PTA failed to consider Condition Of Certification (COC) **SOIL&WATER-4** which is specifically applicable to groundwater production well installation. The Project owner would need to do the following in order to comply with this COC during production well installation:

- Install production well in accordance with state and local standards/regulations.
- Submit a packet of all information required to obtain a Riverside County well installation permit to Riverside County Department of Environmental Health (RCDEH) for review and comment, as well as the required fees.
- No later than 60 days prior to well construction, provide the CEC CPM with a copy of well installation packet and evidence that the fees to the RCDEH have been paid.
- No later than 30 days prior to well construction, provide concurrence from the RCDEH that the proposed production well installation complies with all Riverside County well requirements.
- No later than 15 days after well completion and closure of mud pits, submit to the CEC CPM documentation that drilling and closure activities were conducted in accordance with CCR Title 23 sections §2510 and 2511 (c).
- No later than 60 days after well installation, ensure that the well drilling subcontractor submits a Well Completion Report to the Department of Water Resources (DWR) with a copy provided to the CPM.
- Submit to the CPM, together with the Well Completion Report, a copy of well drilling logs, water quality analyses, and any inspection reports.
- During well construction and for the operational life of the well, the Project owner shall submit to the CPM any proposed well construction or operation permit changes within ten (10) days of submittal to, or receipt from the RCDEH.

GENESIS SOLAR ENERGY PROJECT (09-AFC-08C) CONSTRUCTION OF REPLACEMENT WELL PTA

DATA REQUESTS – SET NO. 1

DATA REQUESTS

1. Please provide a statement that the installation of groundwater production well No. 3, as well as the proper abandonment of existing production well No. 2, will comply with all the requirements of COC **SOIL&WATER-4**.

BACKGROUND: Although some brief information regarding the proposed well (location, depth and proposed equipment) is provided in Section 2.0 of the PTA, additional information is needed.

DATA REQUESTS

1. Please indicate anticipated drilling method and provide an estimate of the volume of cuttings and drilling mud (if applicable) that would be stored in a sump, if used.
2. Please provide a well construction diagram that includes the following:
 - Estimated surface elevation
 - Anticipated depth to groundwater and total depth
 - Surrounding lithology
 - Hole diameter
 - Proposed casing
 - Type
 - Diameter
 - Depth
 - Screen interval and slot size
 - Annular materials
 - Filter pack
 - Transitional seal
 - Surface seal