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Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: 2022080518

Project Title: Sienna Solar and Storage Project

Lead Agency: County of San Bernardino

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Project Location: San Bernardino

City *County*

Project Description (Proposed actions, location, and/or consequences).

99MT 8ME, LLC (Applicant) plans to construct and operate the Sienna Solar and Storage Project, a utility scale, solar photovoltaic (PV) electricity generation facility that would produce up to 525 megawatts (MV) of solar power and include up to 525 MW of energy storage capacity rate in a battery energy storage system (BESS) within an approximately 1,854 acre site. Avantus is requesting approval of a Conditional Use Permit to develop the Project. Energy generated by the Project will be transmitted to SCE's electric grid via an inter-connection with the proposed SCE Calcite Substation. The Sienna Project consists of three primary components: 1) solar energy generation equipment and associated facilities including a substation and access roads; 2) BESS; and; 3) on- and off-site gen-tie line that would connect the proposed on-site substation to the point of interconnection at the SCE Calcite Substation. The Sienna Project is predominately located east of State Route 247 (Barstow Road/SR 247), north of the unincorporated community of Lucerne Valley. Approximately 39 miles of collector lines and gen-tie alternatives will be analyzed in this EIR, although not all routes will be developed.

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

AQ - The Project may expose sensitive receptors to Valley Fever during ground disturbing activities. MM AQ-1 (Valley Fever Management Plan) would be implemented to reduce impacts.
BIO - The Project may have a substantial adverse effect on special-status species (plants and animals) and jurisdictional resources. MM BIO-1 through BIO-8 would be implemented to reduce impacts on plants, animal species, and jurisdictional resources.
CUL - The Project may cause an adverse effect on archaeological resources pursuant to §15064.5 and would implement MM CR-1 through CR-4 to reduce impacts.
GEO - The Project may cause potential adverse effects involving seismic-related ground failutre, expansive soils, and soils incapable of supporting the use of septic tanks, and paleontological resources and would implement MM GEO-1 through GEO-3 to reduce impacts.
NOISE - The Project would generate an increase in ambient noise in the vicinity of the Project and would implement MM NOI-1 to reduce impacts.
TRIBAL - The Project has the potential to cause an adverse change in the significance of tribal cultural resources and would implement MM TCR-1 and TCR-2 to reduce impacts.

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

- Conversion of farmland to non-agricultural uses
- Damage to crops/vegetation
- Impacts on special-status plants and wildlife
- Impacts on hydrology and water quality
- Impacts on water supply
- Impacts on cultural/tribal resources
- Impacts on traffic/circulation
- Public services regarding fire hazards associated with the battery energy storage system
- Air quality to surrounding properties
- Health effects from air pollution, noise, and hazardous materials
- Change of visual character

Provide a list of the responsible or trustee agencies for the project.

- Mojave Desert Air Quality Management District
- Colorado River Regional Water Quality Control Board
- California Department of Fish and Wildlife