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Email: planning@kerncounty.com
Web Address: http://kernplanning.com/

PLANNING AND NATURAL RESOURCES DEPARTMENT

Planning
Community Development
Administrative Operations

DATE: June 3, 2021

TO: See Attached Mailing List

FROM: Kern County Planning and Natural Resources Department
Attn: Terrance Smalls
2700 "M" Street, Suite 100
Bakersfield, CA 93301
(661)862-8607; SmallsT@kerncounty.com

SUBJECT: NOTICE OF PREPARATION (NOP) OF A DRAFT ENVIRONMENTAL IMPACT REPORT (EIR) FOR THE ROSAMOND SOUTH SOLAR PROJECT 2.0 BY GOLDEN FIELDS SOLAR, LLC

The Kern County Planning and Natural Resources Department as Lead Agency (per CEQA Guidelines Section 15062) has determined that preparation of an Environmental Impact Report (per CEQA Guidelines 15161) is necessary for the proposed project identified below. The Planning and Natural Resources Department solicits the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency may need to use the EIR prepared by our agency when considering your permit or other approval of the project.

You are invited to view the NOP and submit written comments regarding the scope and content of the environmental information in connection with the proposed project should you wish to do so. Due to the limits mandated by State law, your response must be received by **July 3, 2021 at 5:00 p.m**. Comments can be submitted to the Kern County Planning and Natural Resources Department at the address shown above or to SmallsT@kerncounty.com . A Scoping meeting will be held on **Friday, June 25, 2021 at 1:30 p.m**.

PROJECT TITLE: Rosamond South Solar Project by Golden Fields Solar IV, LLC (PP19151); SPA 40, Map #231; SPA 33, Map #232; ZCC 157, Map #231; ZCC 43, Map #232; ZCC 18, Map #233; CUP 120, Map #231; CUP 40, Map #232; CUP 46, Map #232; CUP 44, Map #232; CUP 16, Map #233; and SPA 31, Map #232.

PROJECT LOCATION: The proposed project site is located in the Mojave Desert within unincorporated Kern County, bounded by Rosamond Boulevard to the north, 90th Street West to the east, West A venue A to the south and 170th Street West to the west. Access to the site would be from Rosamond Boulevard, Avenue A, Avenue D, Astoria Avenue, Gaskell Road, Holiday Avenue, Willow Avenue, Kingbird Avenue, 100th Street West, 140th Street West, 130 th Street West and 170th Street West.

The site is located within Section 24 Township 9 North, Range 15 West and Sections 20, 21, 27, and 28, Township 9 North, Range 14 West, and Sections 30 and 31 Township 9 N Range 13W, San Bernardino Base and Meridian.

PROJECT DESCRIPTION: Notice of Preparation/Initial Study reflects the modified project, titled the Rosamond South Solar Project.

The Rosamond South Solar Project, as proposed by Golden Fields Solar IV, LLC would develop a photovoltaic solar facility and associated infrastructure necessary to generate up to 154 megawatt-alternating current (MW-AC) of renewable energy, including up to 200 megawatts of energy storage, on approximately 1,292 acres of privately-owned land. The project site consists of 4 sites (Sites 1 through 4) located on 64 parcels. The project would be supported by a 230-kilovolt (kV) gen-tie overhead and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at either the Teddy Substation or the Southern California Edison's Whirlwind Substation. The project's permanent facilities would include, but are not limited to, service roads, a power collection system, inverter stations, transformer systems, transmission lines, electrical switchyards, project substations, energy (battery) storage system, and operations and maintenance facilities.

Implementation of the project as proposed includes the following requests:

a) Amendments to the Willow Springs Specific Plan as follows:

- Specific Plan Amendment No. 40, Map No. 231 from map code designation 7.1/4.4 (Light Industrial, Comprehensive Planning Area) to 7.1 (Light Industrial) on approximately 247 acres and from map code designation 7.2/4.4 (Service Industrial, Comprehensive Planning Area) to 7.2 (Service Industrial) on approximately 118 acres

- Specific Plan Amendment No. 33, Map No. 232 from map code designation 5.3/4.4 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area) to 5.3 (Residential, Maximum 10 Units per Net Acre) on approximately 80 acres and from map code designation 5.3/4.4/2.6 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area/Erosion Hazard) to 5.3/2.6 (Residential Maximum 10 units per Net Acre/Erosion Hazard) on approximately 80 acres

b) Changes in zone classifications as follows:

- Zone Change Case No. 157, Map No. 231 – From E(2 ½) RS FPS to A FPS on approximately 607 acres

- Zone Change Case No. 43, Map No. 232 – From E(5) RS FPS to A FPS on approximately 330 acres

- Zone Change Case No. 18, Map No. 233 – From E(2 ½) RS FPS to A FPS on approximately 96 acres

c) Conditional Use Permits to allow for the construction and operation of three (3) solar facilities with a total generating capacity of approximately 154 megawatts-alternating current (MW-AC) of renewable energy (broken down by site, below), including up to 200 megawatts of energy storage (for all sites), within the A (Exclusive Agriculture) Zone Districts (in Zone Maps 231, 232, and 233) pursuant to Sections 19.12.030.G and 19.36.30.G, respectively, of the Kern County Zoning Ordinance:

- CUP Area 1 (solar and energy storage)
    - Conditional Use Permit No. 120, Map No. 231 for 70.99 acres
- CUP Area 2 (solar and energy storage)
    - Conditional Use Permit No. 40, Map No. 232 for 240.58 acres
- CUP Area 3 (solar and energy storage)

- Conditional Use Permit No. 46, Map No. 232 for 541.16 acres

- CUP Area 4 (solar and energy storage)
  - Conditional Use Permit No. 16, Map No. 233 for 439.26 acres

- Telecommunication Tower
  - Conditional Use Permit No. 44, Map No. 232

d) General Plan Amendments to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries:

- Specific Plan Amendment No. 31, Map No. 232

Documents can be viewed online at: https://kernplanning.com/planning/notices-of-preparation/

Signature: _____
Name: Terrance Smalls, Supervising Planner

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Rosamond South Solar Project - EIR
(ZC #157; CUP #120, Map #231)
WO #PP19151
I:\Planning\WORKGRPS\WP\LABELS\eir-rosamond south solar.nop.docx.doc
Sc 05/26/21

Jo Ellen Alexander
P.O. Box 2000
Rosamond, CA 93560

Bakersfield City Planning Dept
1715 Chester Avenue
Bakersfield, CA 93301

Bakersfield City Public Works Dept
1501 Truxtun Avenue
Bakersfield, CA 93301

Delano City Planning Dept
P.O. Box 3010
Delano, CA 93216

City of Maricopa
P.O. Box 548
Maricopa, CA 93252

City of McFarland
401 West Kern Avenue
McFarland, CA 93250

City of Ridgecrest
100 West California Avenue
Ridgecrest, CA 93555

City of Shafter
336 Pacific Avenue
Shafter, CA 93263

City of Taft
Planning & Building
209 East Kern Street
Taft, CA 93268

City of Tehachapi
Attn: John Schlosser
115 South Robinson Street
Tehachapi, CA 93561-1722

City of Wasco
764 E Street
Wasco, CA 93280

Inyo County Planning Dept
P.O. Drawer "L"
Independence, CA 93526

Kings County Planning Agency
1400 West Lacey Blvd, Bldg 6
Hanford, CA 93230

Los Angeles Co Reg Planning Dept
320 West Temple Street
Los Angeles, CA 90012

San Bernardino Co Planning Dept
385 North Arrowhead Avenue, 1st Floor
San Bernardino, CA 92415-0182

San Luis Obispo Co Planning Dept
Planning and Building
976 Osos Street
San Luis Obispo, CA 93408

Santa Barbara Co Resource Mgt Dept
123 East Anapamu Street
Santa Barbara, CA 93101

Tulare County Planning & Dev Dept
5961 South Mooney Boulevard
Visalia, CA 93291

Ventura County RMA Planning Div
800 South Victoria Avenue, L1740
Ventura, CA 93009-1740

U.S. Bureau of Land Management
Ridgecrest Field Office
300 South Richmond Road
Ridgecrest, CA 93555

China Lake Naval Weapons Center
Tim Fox, RLA - Comm Plans & Liaison
429 E Bowen, Building 981
Mail Stop 4001
China Lake, CA 93555

Edwards AFB, Mission Sustainability Liaison
412 TW, Bldg 2750, Ste 117-14
195 East Popson Avenue
Edwards AFB, CA 93524

U.S. Fish & Wildlife Service
777 East Tahquitz Canyon Way, Suite 208
Palm Springs, CA 92262

U.S. Dept of Agriculture/NRCS
5080 California Avenue, Ste 150
Bakersfield, CA 93309-0711

State Air Resources Board
Stationary Resource Division
P.O. Box 2815
Sacramento, CA 95812

So. San Joaquin Valley Arch Info Ctr
California State University of Bkfd
9001 Stockdale Highway
Bakersfield, CA 93311

Caltrans/Dist 6
Planning/Land Bank Bldg.
P.O. Box 12616
Fresno, CA 93778

Caltrans/Dist 9
Planning Department
500 South Main Street
Bishop, CA 93514

State Dept of Conservation
Director's Office
801 "K" Street, MS 24-01
Sacramento, CA 95814-3528

State Dept of Conservation
Geologic Energy Management Division
4800 Stockdale Highway, Ste 108
Bakersfield, CA 93309

California Energy Commission
James W. Reed, Jr.
1516 Ninth Street
Mail Stop 17
Sacramento, CA 95814

California Fish & Wildlife
1234 East Shaw Avenue
Fresno, CA 93710

California Highway Patrol
Planning & Analysis Division
P.O. Box 942898
Sacramento, CA 94298-0001

Public Utilities Comm Energy Div
505 Van Ness Avenue
San Francisco, CA 94102

California Regional Water Quality
Control Board/Lahontan Region
15095 Amargosa Road - Bld 2, Suite 210
Victorville, CA 92392

State Dept of Water Resources
San Joaquin Dist.
3374 East Shields Avenue, Room A-7
Fresno, CA 93726

Kern County
Agriculture Department

Kern County Administrative Officer

Kern County Public Works Department/
Building & Development/Floodplain

Kern County Public Works Department/
Building & Development/Survey

Kern County
Env Health Services Department

Kern County Fire Dept
David Witt, Fire Chief

Kern County Fire Dept
Cary Wright, Fire Marshall

Kern County Library/Beale
Local History Room

Kern County Library/Beale
Andie Sullivan

Kern County Library
Wanda Kirk/Rosamond Branch
3611 Rosamond Boulevard
Rosamond, CA 93560

Kern County Parks & Recreation

Kern County Sheriff's Dept
Administration

Kern County Public Works Department/
Building & Development/Development
Review

Rosamond Municipal Advisory Council
P.O. Box 626
Rosamond, CA 93560

Mojave Town Council
Bill Deaver, President
P.O. Box 1113
Mojave, CA 93502-1113

Southern Kern Unified School Dist
P.O. Box CC
Rosamond, CA 93560

Kern County Superintendent of Schools
Attention School District Facility Services
1300 - 17th Street
Bakersfield, CA 93301

KernCOG
1401 19th Street - Suite 300
Bakersfield, CA 93301

Antelope Valley-East Kern
Water Agency
6500 West Avenue N
Palmdale, CA 93551

Kern County Water Agency
P.O. Box 58
Bakersfield, CA 93302-0058

East Kern Air Pollution
Control District

Adams, Broadwell, Joseph & Cardozo
Attention: Janet M. Laurain
601 Gateway Boulevard, Suite 1000
South San Francisco, CA 94080

Kern Audubon Society
Attn: Frank Bedard, Chairman
4124 Chardonnay Drive
Bakersfield, CA 93306

Los Angeles Audubon
926 Citrus Avenue
Los Angeles, CA 90036-4929

Center on Race, Poverty
& the Environment
Attn: Marissa Alexander
1999 Harrison Street – Suite 650
San Francisco, CA 94612

Center on Race, Poverty
& the Environmental/
CA Rural Legal Assistance Foundation
1012 Jefferson Street
Delano, CA 93215

Defenders of Wildlife/
Kim Delfino, California Dir
980 - 9th Street, Suite 1730
Sacramento, CA 95814

Native American Heritage Council
of Kern County
Attn: Gene Albitre
3401 Aslin Street
Bakersfield, CA 93312

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Pacific Crest Trail Program Manager
1323 Club Drive
Vallejo, CA 94592

Anitra Kass
Pacific Crest Trail Association
41860 Saint Annes Bay Drive
Bermuda Dunes, CA 92203

Sierra Club/Kern Kaweah Chapter
P.O. Box 3357
Bakersfield, CA 93385

Southern California Edison
Planning Dept.
421 West "J" Street
Tehachapi, CA 93561

Southern California Edison

Kern Valley Indian Council
Attn: Robert Robinson, Chairperson
P.O. Box 401
Weldon, CA 93283

Kern Valley Indian Council
Historic Preservation Office
P.O. Box 401
Weldon, CA 93283

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The Gorman Law Firm
1346 E. Walnut Street, Suite 220
Pasadena, CA 91106

Fairmont Town Council
Attn: Barbara Rogers
P.O. Box 2320
Rosamond, CA 93560

Leadership Counsel for Justice &
Accountability
1527 - 19th Street, Suite 212
Bakersfield, CA 93301

LIUNA
Attn: Danny Zaragoza
2201 "H" Street
Bakersfield, CA 93301

Vestas
1417 NW Everett Street
Portland, OR 97209

City of Arvin
P.O. Box 548
Arvin, CA 93203

U.S. Army
Attn: Philip Crosbie, Chief
Strategic Plans, S3, NTC
P.O. Box 10172
Fort Irwin, CA 92310

U.S. Navy
Attn: Steve Chung
Regional Community & Liaison Officer
1220 Pacific Highway
San Diego, CA 92132-5190

U.S. Air Force
Attn: David Bell/AFCEC CZPW
Western Regional/Leg Branch
510 Hickman Ave., Bld 250-A
Travis AFB, CA 94535-2729

U.S. Marine Corps
Attn: Patrick Christman
Western Regional Environmental Officer
Building 1164/Box 555246
Camp Pendleton, CA 92055-5246

U.S. Army
Attn: Tim Kilgannon, Region 9
Coordinator
Office of Strategic Integration
721 - 19th Street, Room 427
Denver, CO 80202

Terra-Gen
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11512 El Camino Real, Suite 370
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Rupal Patel
113 South La Brea Avenue, 3rd Floor
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Fotowatio Renewable Ventures
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San Francisco, CA 94104

EDP Renewables Company
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Portland, OR 97204

Wind Stream, LLC
Albert Davies
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Santa Rosa, CA 95404

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Michael Strickler, Sr Project Mgr
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Portland, OR 97209

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Seth Israel
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Kelly Group
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Winters, CA 95694

Beyond Coal Campaign/Sierra Club
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Los Angeles, CA 90026

Robert Burgett
9261 - 60th Street, West
Mojave, CA 93501

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Fax: (661) 862-8601 **TTY Relay 1-800-735-2929**
Email: planning@kerncounty.com
Web Address: http://kernplanning.com/

PLANNING AND NATURAL RESOURCES DEPARTMENT

Planning
Community Development
Administrative Operations

DATE: June 3, 2021

TO: Surrounding Property Owners within 1,000 Feet of Project Boundary; and, Interested Parties

FROM: Kern County Planning and Natural Resources Department
2700 "M" Street, Suite 100
Bakersfield, CA 93301

SUBJECT: **Notice of Preparation of an Environmental Impact Report – Rosamond South Solar Project by Golden Fields Solar IV, LLC (PP19151)**

Dear Sir or Madam:

The Kern County Planning and Natural Resources Department has determined that preparation of an Environmental Impact Report (EIR) is necessary for the proposed project identified below. The purpose of this letter is to notify interested parties and surrounding property owners within 1,000 feet of the project boundaries of this determination. A copy of the Initial Study/Notice of Preparation (IS/NOP) prepared for this proposed project is available for viewing at the following Kern County website:

https://kernplanning.com/planning/notices-of-preparation/

The purpose of the IS/NOP is to describe the proposed project, specify the project location, and to identify the potential environmental impacts of the project so that Responsible Agencies and interested persons can provide a meaningful response related to potential environmental concerns that should be analyzed in the Environmental Impact Report.

You are invited to view the IS/NOP and submit written comments regarding this proposed project should you wish to do so. Due to the limits mandated by State law, your response must be received by **July 3, 2021 at 5:00 p.m**. Comments can be submitted to the Kern County Planning and Natural Resources Department, Attn: Terrance Smalls, at the address shown above or to SmallsT@kerncounty.com. Your comments can also be submitted at a scoping meeting that will be held on **Friday, June 25, 2021**.

Please be advised that any comments received after the dates listed above will still be included in the public record for this project and made available to decision makers when this project is scheduled for consideration at a public hearing. Please also be advised that you will receive an additional notice in the mail once a public hearing date is scheduled for this project. You will also be provided additional opportunities to submit comments at that time.

PROJECT TITLE: Rosamond South Solar Project by Golden Fields Solar IV, LLC (PP19151); SPA 40, Map #231; SPA 33, Map #232; ZCC 157, Map #231; ZCC 43, Map #232; ZCC 18, Map #233; CUP 120, Map #231; CUP 40, Map #232; CUP 46, Map #232; CUP 44, Map #232; CUP 16, Map #233; and SPA 31, Map #232.

PROJECT LOCATION: The proposed project site is located in the Mojave Desert within unincorporated Kern County, bounded by Rosamond Boulevard to the north, 90th Street West to the east, West Avenue A to the south and 170th Street West to the west. Access to the site would be from Rosamond Boulevard,

Avenue A, Avenue D, Astoria Avenue, Gaskell Road, Holiday Avenue, Willow Avenue, Kingbird Avenue, 100th Street West, 140th Street West, 130th Street West and 170th Street West.

The site is located within Section 24 Township 9 North, Range 15 West and Sections 20, 21, 27, and 28, Township 9 North, Range 14 West, and Sections 30 and 31 Township 9 N Range 13W, San Bernardino Base and Meridian.

PROJECT DESCRIPTION: Notice of Preparation/Initial Study reflects the modified project, titled the Rosamond South Solar Project.

The Rosamond South Solar Project, as proposed by Golden Fields Solar IV, LLC would develop a photovoltaic solar facility and associated infrastructure necessary to generate up to 154 megawatt-alternating current (MW-AC) of renewable energy, including up to 200 megawatts of energy storage, on approximately 1,292 acres of privately-owned land. The project site consists of 4 sites (Sites 1 through 4) located on 64 parcels. The project would be supported by a 230-kilovolt (kV) gen-tie overhead and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at either the Teddy Substation or the Southern California Edison's Whirlwind Substation. The project's permanent facilities would include, but are not limited to, service roads, a power collection system, inverter stations, transformer systems, transmission lines, electrical switchyards, project substations, energy (battery) storage system, and operations and maintenance facilities.

Implementation of the project as proposed includes the following requests:

a) Amendments to the Willow Springs Specific Plan as follows:

- Specific Plan Amendment No. 40, Map No. 231 from map code designation 7.1/4.4 (Light Industrial, Comprehensive Planning Area) to 7.1 (Light Industrial) on approximately 247 acres and from map code designation 7.2/4.4 (Service Industrial, Comprehensive Planning Area) to 7.2 (Service Industrial) on approximately 118 acres

- Specific Plan Amendment No. 33, Map No. 232 from map code designation 5.3/4.4 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area) to 5.3 (Residential, Maximum 10 Units per Net Acre) on approximately 80 acres and from map code designation 5.3/4.4/2.6 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area/Erosion Hazard) to 5.3/2.6 (Residential Maximum 10 units per Net Acre/Erosion Hazard) on approximately 80 acres

b) Changes in zone classifications as follows:

- Zone Change Case No. 157, Map No. 231 – From E(2 ½) RS FPS to A FPS on approximately 607 acres

- Zone Change Case No. 43, Map No. 232 – From E(5) RS FPS to A FPS on approximately 330 acres

- Zone Change Case No. 18, Map No. 233 – From E(2 ½) RS FPS to A FPS on approximately 96 acres

c) Conditional Use Permits to allow for the construction and operation of three (3) solar facilities with a total generating capacity of approximately 154 megawatts-alternating current (MW-AC) of renewable energy (broken down by site, below), including up to 200 megawatts of energy storage (for all sites), within the A (Exclusive Agriculture) Zone Districts (in Zone Maps 231, 232, and 233) pursuant to Sections 19.12.030.G and 19.36.30.G, respectively, of the Kern County Zoning Ordinance:

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- Conditional Use Permit No. 120, Map No. 231 for 70.99 acres

- CUP Area 2 (solar and energy storage)
  - Conditional Use Permit No. 40, Map No. 232 for 240.58 acres
- CUP Area 3 (solar and energy storage)
  - Conditional Use Permit No. 46, Map No. 232 for 541.16 acres
- CUP Area 4 (solar and energy storage)
  - Conditional Use Permit No. 16, Map No. 233 for 439.26 acres
- Telecommunication Tower
  - Conditional Use Permit No. 44, Map No. 232

d) General Plan Amendments to the Circulation Element of the Kern County General Plan to remove future road reservations on the section and mid-section lines within the project boundaries:

- Specific Plan Amendment No. 31, Map No. 232

Should you have any questions regarding this project, or the Initial Study/Notice of Preparation, please feel free to contact me at (661) 862-8607 or SmallsT@kerncounty.com

Sincerely,

Terrance Smalls, Supervising Planner
Advanced Planning Division

Attachments: Figure 1 -Vicinity Map 00
Figure 2 – Project Site Boundaries

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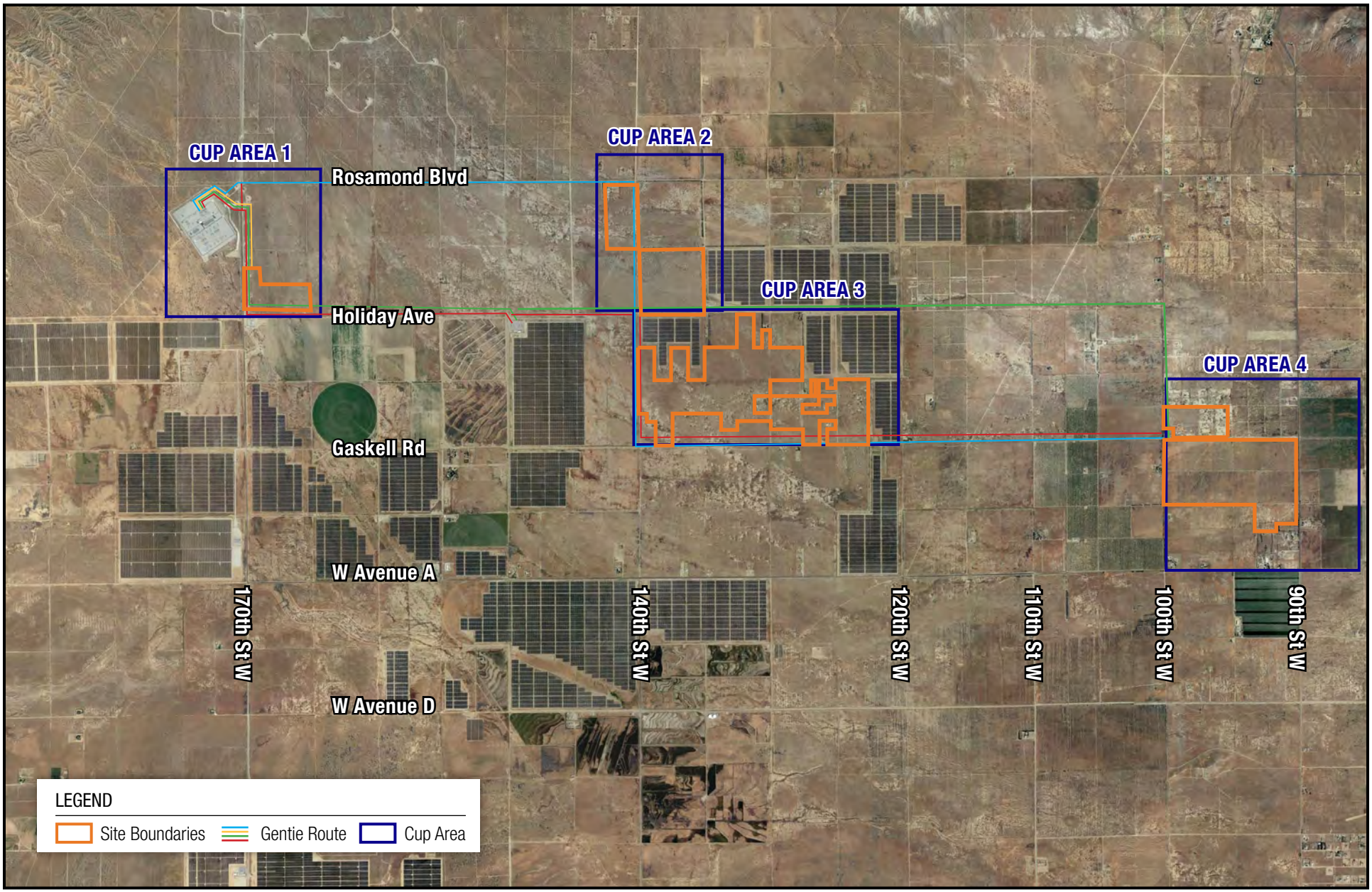

Source: Google Earth

N.T.S.

FIGURE 1: Aerial Map with Site Boundaries

Rosamond South Solar Project

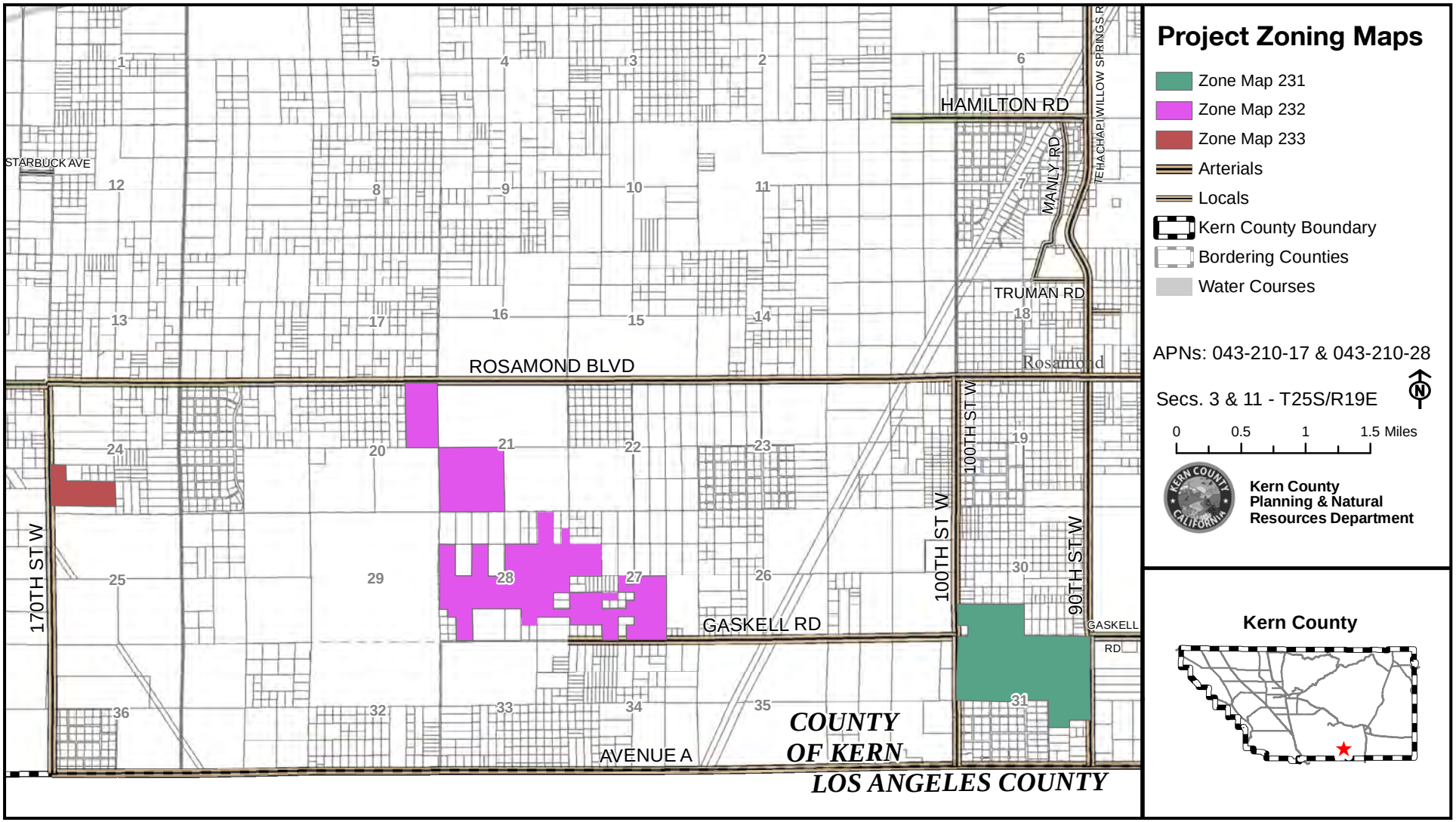

FIGURE 2: Local Vicinity Map

Rosamond South Solar Project

Rosamond South Solar Project - EIR
(ZC #157; CUP #120, Map #231)
WO #PP19151
I:\Planning\WORKGRPS\WP\LABELS\eir-rosamond south solar.noa.docx
Sc 05/26/21

359 403 07 00 3
ALVAREZ CELIA ISABEL GARCIA
PO BOX 56867
SHERMAN OAKS CA 91413-6867

359 031 22 00 5 **DUP**
ANTELOPE VALLEY E KERN WTR AG
P O BOX 3176
QUARTZ HILL CA 93534

374 011 13 00 4
ANTELOPE VALLEY EAST KERN WATER AGENCY
6500 WEST AVENUE E 15
PALMDALE CA 93551

374 400 08 00 6
BALUN ANTHONY G TR
101 EASTGATE CT U 107
ALGONQUIN IL 60102-3078

261 120 58 00 7
BARRY W & E TRUST
8124 NE SIGUARD CT
ALBUQUERQUE NM 87109

359 401 10 00 7
BENITO RAYMUNDO S & LIRA C
PO BOX 56867
SHERMAN OAKS CA 91413-6867

359 100 38 00 5
BLACKLOCK WAYNE L & GLENDA L LIV TR
P O BOX 2160
GAINESVILLE TX 76241

374 313 03 00 6
BRANCH WILLIAM O & OPAL W TR
18 SAGAMORE PL
HILLSBOROUGH NC 27278-9742

359 324 06 00 4
BURNSIDE TRUST
1311 S TREMAINE AV
LOS ANGELES CA 90019-1725

359 032 37 00 6
ALLYN HENRY GREGORY III & COTT CYNTHIA
42130 22ND ST WEST
QUARTZ HILL CA 93536

374 321 09 00 3
ANDERSON MAXINE R REV TR
11414 SERRA RD SP 49
APPLE VALLEY CA 92308-7750

359 174 14 00 4
ANTELOPE VALLEY E KERN WTR AG
P O BOX 3176
QUARTZ HILL CA 93536

359 401 18 00 1
AYALA BALTAZAR & BLANCA
5541 LAUREL CANYON BL # 1
VALLEY VILLAGE CA 91607

261 120 59 00 0
BALUYUT REVOCABLE LIVING TRUST
PO BOX 56867
SHERMAN OAKS CA 91413-1867

374 400 01 00 5
BAUER DENNIS JAMES
14420 CARLSBAD ST
SYLMAR CA 91342-5112

261 120 42 00 0
BERKOWITZ VERNON H & ANN G TR
661 PARKVIEW CT
PACIFICA CA 94044-1531

374 311 01 00 6
BODTKE KERRY W & DEBRA F TR
5143 N EVENING STAR DR
ST. GEORGE UT 84770-7365

358 330 10 00 3
BRITTAN R E & M B TR & TRS ET AL
8862 SATTERFIELD
HUNTINGTN BCH CA 92646

359 100 28 00 6
CAIN JOSEPH
6481 ATLANTIC AV N213
LONG BEACH CA 90805

374 311 03 00 2
ALPHA LP
P O BOX 280188
NORTHRIDGE CA 91328-0188

358 330 18 00 7
ANGELOPOULOS FMLY TR
9131 GAINFORD ST
DOWNEY CA 90240

359 175 06 00 8
ANTELOPE VALLEY E KERN WTR AG
554 W LANCASTER BL
LANCASTER CA 93534

261 120 18 00 1
BALONZO MARIE D
1275 LUNDY AV
SAN JOSE CA 95131-2979

374 460 20 00 8
BANUELOS REYES JUAN & LIDIA MARIBEL
PO BOX 2477
ROSAMOND CA 93560

359 331 16 00 5
BEDOY MARIA G
7517 BRETT AV
LAMONT CA 93241

359 401 13 00 6
BKH INTERNET INC
10150 LITTLE LEAF LN
SANTEE CA 92071

359 402 06 00 3
BOWDEN JAMES JR & ANN L
4878 BROOKDALE DR
MUSKEGON MI 49441-5212

359 100 11 00 6
BURLEY DAVID RICHARD REVOCABLE TRUST
2720 CENTERVILLE RD
ANDERSON SC 29625-6205

359 402 04 00 7
CALIFORNIA CHRISTIAN SCHOOLS
78640 CASTLE PINES DR
LA QUINTA CA 92253-5816

374 312 06 00 8
CAPUANO FAMILY TR
1925 MIRADOR DR
AZUSA CA 91702

358 330 13 00 2
CARAS CHRIS W & JOAN TRUST
1901 PASEO DEL MAR
PALOS VERDES ES CA 90274-2657

261 120 10 00 7
CARDENAS ANA
PO BOX 56867
SHERMAN OAKS CA 91413-1867

374 304 06 00 9
CARREON FREDRIC ANTHONY
2413 W LINCOLN AV
MONTEBELLO CA 90640-2329

374 460 10 00 9
CASHBAUGH TRUST
1290 100TH ST WEST
ROSAMOND CA 93560

374 460 08 00 4
CASTILLO PANFILO
1358 W 100TH ST
ROSAMOND CA 93560

359 332 20 00 3
CASTRO MONTOYA ALEJANDRO &
ROBLES CASTRO A D
PO BOX 56867
SHERMAN OAKS CA 91413-1867

359 020 49 00 4
CHANG DANA TUNG
18010 SUMMER AV
ARTESIA CA 90701

374 460 09 00 7
CHAPPELL TEAM ADVANTAGE INC
332 GOLDEN SHORE DR
LAS VEGAS NV 89123

374 460 22 00 4
CHAVEZ WILLIAM & SHALLEN
PO BOX 1165
ROSAMOND CA 93560

359 100 20 00 2
CHAVEZ ZENAIDA DE JESUS
1415 CALLE LOZANO
CAMARILLO CA 93012-4104

374 150 05 00 5
CHULALUXSIRIBOON BIRAYUDH &
SIRIWONG
4334 RIO HONDO AV
ROSEMEAD CA 91770

359 100 05 00 9
COLEMAN RANIESHA
14154 W ROSAMOND BL
ROSAMOND CA 93560-7195

261 120 39 00 2
COLLINS BARBARA ALICE
P O BOX 96
LINCOLN AR 72744

374 460 11 00 2
COLMENARES JUAN JR
1268 W 100TH ST
ROSAMOND CA 93560-7266

359 100 03 00 3
COMMUNITY HOSP OF MONTEREY
PENINSULA
P O BOX HH
MONTEREY CA 93942

359 332 09 00 2
COOLEY FAMILY TRUST
790 JONIVE RD
SEBASTOPOL CA 95472-9298

261 120 51 00 6
CORADO VICTORIA LETICIA V
7772 BIRCHLEAF AV
PICO RIVERA CA 90660

374 313 08 00 1
CORN C & FRANCES TR & TRS ET AL
6537 OLYMPIC PL
LOS ANGELES CA 90035-2526

374 312 03 00 9
COSTA LARRY L
P O BOX 3144
SEAL BEACH CA 90740

374 240 09 00 3
COSTELLO MARY C TRUST
8 AZULADO DR
RMV CA 92694-2435

359 401 20 00 6
COTTRELL WILLIAM F & BRENDA J
2257 W AVENUE N8
PALMDALE CA 93551-2372

359 100 39 00 8
COYLE GEORGE D & BIRT JOHN W
81372 AVENIDA SOMBRA
INDIO CA 92203-7553

359 100 31 00 4
CUETO DANILO C & DELMA D
14638 4TH AV
SEATTLE WA 98168

261 120 01 00 1
CULLA VIRGINIA A
PO BOX 27295
LOS ANGELES CA 90027-0295

374 311 04 00 5
DAHMEN HANS & HANNELORE
LIVING TRUST
26501 AVENIDA VERONICA
MISSON VIEJO CA 92691

374 400 13 00 0
DAMON TRUST
10373 HAWTHORNE AV
HESPERIA CA 92345

358 330 19 00 0
DAVIES DONALD G
10353 FLORALITA AV
SUNLAND CA 91040

359 332 21 00 6 **DUP**
DAVIS JOHN K
ADDRESS UNKNOWN

261 120 56 00 1
DE GUZMAN MENANDRO G &
MARITES M
5604 TWILIGHT CHASE ST
LAS VEGAS NV 89130

261 120 52 00 9
DEL SOL PROPERTIES INC
12121 WILSHIRE BL STE 600
LOS ANGELES CA 90025

374 304 01 00 4
DILLOW GEORGE S JR
5815 ROBIN LN
TROY MO 63379-5013

359 100 21 00 5
DUGAN EUGENE ALLEN & PAULINE MARIE TR
1165 RHINE ST
SAN DIEGO CA 92154-3071

359 332 22 00 9
ELHATOUM MOHAMMED N
43714 E 16TH ST
LANCASTER CA 93535-4349

359 331 08 00 2
EMERY DURANT & LINDA
499 MINOA
PASADENA CA 91107

359 332 15 00 9
ENCARNACION VIRGINIA R
2621 DUHALLOW WY
S SAN FRANCISCO CA 94080

359 401 06 00 6
ENRIQUEZ VICTOR A
12715 BOBTAIL LN
ROSAMOND CA 93560-7059

374 400 22 00 6
EQUITY TR CO CUSTDN
PO BOX 56867
SHERMAN OAKS CA 91413

359 032 15 00 2
EQUITY TR CO CUSTDN FBO REITZELL JEANIE
PO BOX 187
PLEASANTON CA 94566

374 400 26 00 8
EQUITY TRUST CO FBO DIANE R NELSON ROTH IRA
PO BOX 56867
SHERMAN OAKS CA 91413-1867

359 403 06 00 0 **DUP**
EQUITY TRUST COMPANY
PO BOX 56867
SHERMAN OAKS CA 91413-6867

359 324 01 00 9 **DUP**
EQUITY TRUST COMPANY CUSTODIAN FBO
PO BOX 56867
SHERMAN OAKS CA 91413-1867

359 332 10 00 4
ESTRADA MICHAEL J & NANCY P
11762 AVENIDA DEL SOL
NORTHRIDGE CA 91326-1240

359 331 14 00 9
FALVO JAY
3755 SHADOW GROVE RD
PASADENA CA 91107-2238

374 321 08 00 0
FARNER BETTY L
245 CHAFFIN RD
ROSWELL GA 30075-2429

359 332 35 00 7
FELDER JENNIFER JO
5686 KNIGHT RD
BELLINGHAM WA 98226-7521

359 332 16 00 2
FLETCHER JOANNE
2550 CLARK ST
BAKER CITY OR 97814-2234

359 323 02 00 5
FRANG KE MEI
12882 GASKELL RD
ROSAMOND CA 93560

374 313 07 00 8
FRIESEN MARGARET A
1259 COLFAX CT
MOUNT PLEASANT SC 29466-7971

359 324 17 00 6
FRISCH JONATHAN M
PO BOX 50001
SAN DIEGO CA 92165-0001

374 301 08 00 4
FUJIMOTO FMLY TR
2439 W 229TH PL
TORRANCE CA 90501-5239

359 100 32 00 7
FULCHER KARI L
3701 CLAYSFORD CT
ARLINGTON TX 76015

261 120 63 00 1
FUNG CONNIE YUK YIN FAMILY TRUST
PO BOX 56867
SHERMAN OAKS CA 91413-1867

359 331 09 00 5
GARY BRUCE W
P O BOX 580
ROSAMOND CA 93560

374 311 08 00 7
GAUTHIER MICHAEL C FAM TR
1642 9TH ST
MANHATTAN BEACH CA 90266-6129

359 324 16 00 3
GENG XIUMEI
PO BOX 56867
SHERMAN OAKS CA 91413-1867

359 401 16 00 5
GILES THOMAS F
3765 S HIGHWAY 145
WAYNESBORO MS 39367

359 323 10 00 8
GLASBY FAMILY TR
15971 RANCH HOUSE RD
CHINO HILLS CA 91709-2375

374 302 04 00 9
GODDE GARY M TRUST
1793 BITTERBRUSH CT
GARDNERVILLE NV 89410-6655

359 332 13 00 3
GODDE JEFFREY & RUTH REV TR
13104 BUCKHORN AV
ROSAMOND CA 93560-7014

359 332 14 00 6 **DUP**
GODDE JEFFREY & RUTH REV TRUST
13104 BUCKHORN AV
ROSAMOND CA 93560-7014

374 450 02 00 3
GODDE MAX C
212 W SIERRA VIEW DR
JACKSON CA 95642-2232

359 332 36 00 0
GOLDEN FIELDS SOLAR III LLC
PO BOX 4900
SCOTTSDALE AZ 85261

359 332 12 00 0
GOLDEN FIELDS SOLAR IV
5780 FLEET ST STE 130
CARLSBAD CA 92008

359 331 06 00 6
GOLDEN FIELDS SOLAR IV L
100 CALIFORNIA ST STE 400
SAN FRANCISCO CA 94111-4509

359 331 23 00 5 **DUP**
GOLDEN FIELDS SOLAR IV L
100 CALIFORNIA AV STE 400
SAN FRANCISCO CA 94111-4509

261 120 05 00 3 **DUP**
GOLDEN FIELDS SOLAR IV LLC
100 CALIFORNIA ST # 400
SAN FRANCISCO CA 94111-4509

374 460 15 00 4
GOMEZ MARTIN GIL & ESTHER
1332 W 99TH ST
ROSAMOND CA 93560

359 332 02 00 1
GORBY FMLY TR
10566 GROVE OAK DR
SANTA ANA CA 92705-2588

374 312 05 00 5
H O E INVS INC
23905 CLINTON KEITH RD STE 114
WILDOMAR CA 92595-7899

358 040 04 00 2
HA NORTH ROSAMOND LLC
1906 TOWNE CENTRE BL STE 370
ANNAPOLIS MD 21401

359 020 07 00 2 **DUP**
HA ROSAMOND LLC
1906 TOWNE CENTRE BL U 370
ANNAPOLIS MD 21401-3685

359 323 13 00 7
HADDAD JOBE
41619 W 70TH ST
PALMDALE CA 93551

359 323 09 00 6
HALL DAVE N & LESLIE L TRUST
3690 CHERRYWOOD DR
REDDING CA 96002-4877

374 400 23 00 9
HALLIS SIDNEY N & FRANCIS G
1328 S CAMINO REAL
PALM SPRINGS CA 92264-8464

359 401 17 00 8
HAMMEL BECKY L
44248 W 10TH ST
LANCASTER CA 93534-4134

374 302 03 00 6
HANSON ETHEL M TR
4150 JEFFERSON ST
NAPA CA 94558

374 311 06 00 1
HERRON STEVEN R
1915 N MOUNTAIN VISTA LN
STAR ID 83669-5167

374 460 18 00 3
HOLLISTER JOHN R & COBB TERI L
1012 E AVENUE J # 127
LANCASTER CA 93535-3803

261 120 40 00 4
HOME EQUITY OPTIONS LLC
10401 VENICE BL # 283
LOS ANGELES CA 90034

374 301 02 00 6 **DUP**
HOME EQUITY OPTIONS LLC
10401 VENICE BL 283
LOS ANGELES CA 90034

374 311 10 00 2 **DUP**
HOME EQUITY OPTIONS LLC
10401 VENICE BL STE 283
LOS ANGELES CA 90034-6466

261 120 62 00 8
HUANG ALEXANDER ETHAN
PO BOX 56867
SHERMAN OAKS CA 91413-1867

374 301 05 00 5
HUBER STEVEN
1841 KNOLL DR
VENTURA CA 93003-7389

359 100 25 00 7
HUMANE SOCIETY OF U S
700 PROFESSIONAL DR
GAITHERSBURG MD 20879

374 312 02 00 6
HURST JAMES M & BONNIE J
2400 E RED CEDAR LN
BOISE ID 83716

374 460 26 00 6
HUSTON RYAN C
1401 W 99TH ST
ROSAMOND CA 93560

374 450 09 00 4
ILIC VICKY SLAVICA & DON SLAVICA
2010 W AVENUE K5
LANCASTER CA 93536-5236

359 401 08 00 2
IWASA YOSHIMI & LORETTA
1715 168TH ST. WEST
GARDENA CA 90247

374 302 05 00 2
JARVIS JENNIFER
313 E 14TH ST
EDMOND OK 73034-4719

359 323 47 00 6
JARVIS KATHERINE C
33902 DESERT RD
ACTON CA 93510-2819

359 401 11 01 9
JIBILIAN ALBERT
8117 W MANCHESTER AV
PLAYA DEL REY CA 90293

261 120 49 00 1
JONES NAN TR
3613 DESERT FOX DR
SPARKS NV 89436-8719

359 332 18 00 8
KAKUDA DOUGLAS & JEAN
P O BOX 173
WAIMEA HI 96796

359 324 19 00 2
KAM ANNETTE F
PO BOX 10808
OAKLAND CA 94610-0808

359 323 07 00 0
KAO SHEN YANG & ROSE DIEP REV TR
2616 GLADE DR
SANTA CLARA CA 95051-1149

374 020 41 00 1
KAONA RANOVAC TRUST
44816 RUTHRON ST
LANCASTER CA 93536-8413

358 330 11 00 6
KATHARY KYLE
14271 ROSAMOND BL
ROSAMOND CA 93560

359 100 23 00 1
KAY FAMILY TRUST
3859 VIA VERDE
THOUSAND OAKS CA 91360-6933

359 403 10 00 1
KEPKE WILLIAM F
1670 GREEN ASH RD
RENO NV 89511-2700

359 332 01 00 8
KIM KAZUMI TRUST
7534 WEST 88TH ST
LOS ANGELES CA 90045

359 323 14 00 0
KLECANSKY MILDRED FRANCES TR
14517 W HERITAGE DR
SUN CITY WEST AZ 85375-5969

374 312 04 00 2
KNAPP FMLY TR
4420 LONGWORTHE SQ
ALEXANDRIA VA 22309-1226

374 450 03 00 6
KOCHEL EMILY
50508 W 90TH ST
LANCASTER CA 93536-9405

374 450 04 00 9
KOEPSEL AUDRA L
9101 SPUR RANCH RD
ROSAMOND CA 93560-7017

359 323 01 00 2
KOIVISTO ROLAND B & GLADYCE E
4327 EDENBURY DR
SANTA MARIA CA 93455-3514

374 400 07 00 3
KUZNITSKY GERALD
3 HASTINGS ON OXFORD
ROLLING MEADOWS IL 60008-1914

374 321 03 00 5
LA VELLE JOHN D & DARLENE J
9 SOMBRERO BL APT 104
MARATHON FL 33050

374 313 05 00 2
LAMPL WILLIAM J & CLIFFORD KATHLEEN M TRUST
248 SYCAMORE AV
MILL VALLEY CA 94941-2848

359 332 04 00 7
LAND INVS NETWORK
3142 PACIFIC COAST HW STE 200
TORRANCE CA 90505-6750

359 324 05 00 1
LANE TR
340 OLD MILL RD # 15
SANTA BARBARA CA 93110

359 331 18 00 1
LEE FAMILY TR
317 ANDERSON RD
ALAMEDA CA 94502-7777

261 120 50 00 3
LEON GLORIA M
4710 TURF RD # 12
EL PASO TX 79938

359 332 07 00 6
LIAO JOANNA C
2518 S 3RD AV
ARCADIA CA 91006-5307

359 403 11 00 4
LIN PATRICIA GRACE
325 W 5TH ST
SAN DIMAS CA 91773-2013

359 175 05 00 5 **DUP**
LIU WILLIAM C
ADDRESS UNKNOWN

374 460 24 00 0
LORI AGUSTO & MICHELE LYNN
1461 W 99TH ST
ROSAMOND CA 93560-7090

374 311 02 00 9
LUCCI WILLIAM L JR
817-A EL REDONDO
REDONDO BEACH CA 90277

359 401 07 00 9
LUNOG DEBRA
12737 BOBTAIL LN
ROSAMOND CA 93560-7059

359 403 01 00 5
LY MINH T
PO BOX 56867
SHERMAN OAKS CA 91413-6867

374 304 05 00 6
MAGNUSON DENNIS L & SHARON A
22075 RICHFORD DR
EL TORO CA 92630-7302

359 401 19 00 4
MAHOOD NYLA A ET AL
12042 NE 51ST CI
OXFORD FL 34484-2401

261 120 31 00 8
MARCHBANKS KATHERINE NATALIE I R A
PO BOX 56867
SHERMAN OAKS CA 91413-1867

374 460 23 00 7
MARTINEAU JEFFREY L
1460 100TH ST W
ROSAMOND CA 93560

374 313 01 00 0
MASNADA DANTE ANGELO FAMILY TRUST
24672 BRIGHTON DR # A
VALENCIA CA 91355

374 301 03 00 9
MATTISON L & J & BROWN DENNIS
22666 RAVEN WY
GRAND TERRACE CA 92324

261 120 38 00 9
MATYI DANIEL JOHN IRA
6012 CLIFTON AV
JACKSONVILLE FL 32211

374 313 02 00 3
MAXWELL DAVID K & SUSAN A
9611 S 25TH LN
PHOENIX AZ 85041-9527

374 020 16 00 9
MAYER JOSEPHINE
230 PARK AV FLR 21
NEW YORK NY 10169-2403

359 401 11 02 8
MC CABE THOMAS JOHN
10815 OVERLAND AV
CULVER CITY CA 90230-5477

359 323 45 00 0
MC GEHEE BETTY J TRUST
8731 CALVA ST
LEONA VALLEY CA 93551-7231

374 020 02 00 8
MEYER HANS PETER TRUST
14116 SE 44TH ST
BELLEVUE WA 98006-2334

374 020 15 00 6
MEYER HANS PETER TRUST
3855 W 181ST ST
TORRANCE CA 90504-3813

374 301 01 00 3
MICKELSON KEVIN A
5079 GREGG WY
AUBURN CA 95602-9697

374 301 04 00 2
MILES RICHARD & SUSAN
9967 OWL AV
ROSAMOND CA 93560-7859

374 460 21 00 1
MITRANY IRA
9709 BUCKHORN AV
ROSAMOND CA 93560

359 332 19 00 1
MOHAMMED KHADER & SIDDIQUI SAIKA S
4 CORBIN DR
EXTON PA 19341

374 311 07 00 4
MORRIS CECILIA MARTINEZ REVOCABLE TRUST
3530 DAMIEN AV 242
LAVERNE CA 91750

374 321 02 00 2
MOYER THOMAS C
226 DORADO ST
GEORGETOWN TX 78628-2022

374 450 07 00 8
MULLINS VERNON & DEANA
PO BOX 1896
ROSAMOND CA 93560-1896

374 460 16 00 7
MUNOZ RAQUEL
1849 E LINGARD ST
LANCASTER CA 93535

374 321 01 00 9
NADWODNY LAWRENCE & MARY 2017 TRUST
6141 SAN RAFAEL DR
BUENA PARK CA 90620-2834

374 150 02 00 6
NEAL ROBERT H & MARY R
1166 NE EAST LAKE GENEVA RD
ALEXANDRIA MN 56308

374 250 09 00 6
NEARY DIANE S TRUST
43 BUCHANAN AV
VENTURA CA 93003

358 330 14 00 5
NG DICKSON
568 18TH AV
SAN FRANCISCO CA 94121

374 400 25 00 5
NISHIMURA ISAMU S & NAMIKO F
7142 LYRIC AV
LANCASTER CA 93536-7428

359 403 03 00 1
NOTARMUZI CARON
PO BOX 56867
SHERMAN OAKS CA 91413-6867

359 100 17 00 4
O LEARY DONNA M
7962 LA MIRADA CI
BUENA PARK CA 90620

359 331 22 00 2
OMWANGHE AUSTIN & JUSTINA
PO BOX 2151
UPLAND CA 91785-2151

359 331 20 00 6
OPULENT INV LLC II
3411 GLENMARK DR
HACIENDA HEIGHT CA 91745-6442

374 400 16 00 9
ORTEGA JOSE ANTONIO & PENA FRANCESCA
3820 SENECA AV
LOS ANGELES CA 90039

374 450 06 00 5
OSSIO RAFAEL & LAPA NIEVES
211 W 90TH ST
ROSAMOND CA 93560

359 402 13 00 3
PATEL GHANSHYAM D & JIGNASA G TRS
2112 N STOCKTON ST
STOCKTON CA 95204-6218

374 312 08 00 4
PAULING ADRIAN LEE
4821 NW ASHRAM LN
OLYMPIA WA 98502

359 402 19 00 1
PEDERSEN FAMILY TR
3640 CALLE ESTRADA
LANCASTER CA 93536-6618

359 403 04 00 4
PENA ELIZABETH
PO BOX 56867
SHERMAN OAKS CA 91413-6867

359 100 18 00 7
PENA HENRY A
P O BOX 687
LA MADERA NM 87539

359 401 04 00 0
PENDLEY DIANE J
12649 BOBTAIL LN
ROSAMOND CA 93560

359 100 26 00 0
PETERSON LIVING TRUST
1701 POSO FLAT RD
BAKERSFIELD CA 93308

261 120 44 00 6
PICCININI REV LIV TR
3149 LA MESA
SAN CARLOS CA 94070

261 120 55 00 8
PILIGIAN SHIRLEY I TRUST
6221 FAIRFAX WY
NORTH HIGHLANDS CA 95660

359 402 15 00 9
PINO LARRY P
5250 WEST AVENUE L-6
QUARTZ HILL CA 93534

374 311 05 00 8
PREGLER FAMILY TRUST
11809 SIERRA HW
SANTA CLARITA CA 91390-5015

374 180 03 00 8
QUAN ROBERT B
8745 MISSION DR
ROSEMEAD CA 91770-1139

374 250 06 00 7
RAMSAY SELWYN P
P O BOX 814
YORBA LINDA CA 92885

261 194 42 00 9
RE ASTORIA LANDCO LLC
3000 OAK RD STE 300
WALNUT CREEK CA 94597-7775

261 120 41 00 7
REDMAN INVESTMENT CO
12121 WILSHIRE BL STE 600
LOS ANGELES CA 90025

359 401 02 00 4
REEMTSMA PHILIP DAVID & EILEEN MARIE
1304 KAKNU WY
KENAI AK 99611

374 250 07 00 0
REID WILLIAM A
HC 68 BOX 315
CLAYTON ID 83227

261 120 57 00 4
REYNOLDS GEORGE E
45180 FERN AV APT B10
LANCASTER CA 93534

261 120 61 00 5
RICHARD MARIA G ROTH IRA
PO BOX 494
LARKSPUR CO 80118-0494

374 313 06 00 5
RISSE SAYOKO JEAN
1991 CABRILLO MESA CT
CAMARILLO CA 93010-9287

374 312 01 00 3
ROBINSON FAMILY TRUST
PO BOX 56867
SHERMAN OAKS CA 91413-1867

359 323 11 00 1
ROMANO FMLY TR
10445 WILSHIRE BL # 1401
LOS ANGELES CA 90024

374 400 35 00 4
RONQUILLO BARTOLOME L
3714 BRILLIANT PL
LOS ANGELES CA 90065-3514

359 020 05 00 6
ROSIE LAND HOLDINGS LLC
100 CALIFORNIA ST STE 400
SAN FRANCISCO CA 94111

359 100 14 00 5
ROULETTE JOHN A & MARY C TRUST
17442 MIRA LOMA CI
HUNTINGTN BCH CA 92647

374 304 02 00 7
RUNKLE DEWEY R TR
1344 EL MONTE DR
SIMI VALLEY CA 93065-4230

359 402 09 00 2
SABINO CESAR R IRA
12036 186TH ST
ARTESIA CA 90701-5778

374 400 05 00 7
SAIDI GHOLAM R & MEIMAN LAI
735 PLATEAU AV
MONTEREY PARK CA 91755

374 400 24 00 2
SALAZAR MOISES
1418 E 70TH ST
LOS ANGELES CA 90001

359 332 17 00 5
SALZ CHRISTINA KUUIPO
KUULEIKAHALEWEHIONALAN
85-755 KANAPAU PL
WAIANAE HI 96792

358 330 16 00 1
SANTANA JOSE ANTONIO
3210 INEZ ST
LOS ANGELES CA 90023-1633

359 100 34 00 3
SARAIYA JAYANT N & JAYASHREE J
FAMILY TRUST
2245 N GRANDVIEW RD
ORANGE CA 92867

359 323 03 00 8
SAUCY TR
3122 TERANIMAR DR
ANAHEIM CA 92804

374 150 06 00 8
SCHEFFING CHARLES REED ET AL
2001 GLADE RD
FARMINGTON NM 87401

374 312 07 00 1
SCHERMERHORN FAMILY TRUST
6740 NORTHRIM LN
COLORADO SPRING CO 80919-3401

359 403 02 00 8
SCHRADER GENE & NERISSA
FAMILY TRUST
5 TURTLE BAY DR
NEWPORT BEACH CA 92660

359 401 01 00 1
SCHRIEBER KRISTIAN KORY
PO BOX 56867
SHERMAN OAKS CA 91413-1867

359 100 22 00 8
SCHWARTZ FAMILY TR
4133 WEST WILSON SP 162
BANNING CA 92220-1315

374 460 19 00 6
SERMON SANJUANITA T & DAVID
1340 97TH STREET WEST
ROSAMOND CA 93560

359 403 13 00 0
SHIAO CHI LIN
3902 CAPRI AV
IRVINE CA 92606-1855

359 323 06 00 7
SLATES HERITAGE L P
523 W 6TH ST STE 502
LOS ANGELES CA 90014-1225

261 196 22 00 5
SOLAR STAR CALIFORNIA LLC
PO BOX 657 (DMR8)
DES MOINES IA 50306-0657

261 134 10 00 8
SOU CAL EDISON CO
14799 CHESTNUT ST
WESTMINSTER CA 92683-5240

261 350 12 00 0 **DUP**
SOU CAL EDISON CO
2244 WALNUT GROVE AV
ROSEMEAD CA 91770-3714

261 350 16 00 2
SOU CAL EDISON CO
2131 WALNUT GROVE AV
ROSEMEAD CA 91770-3769

261 350 33 00 1
SOUTHERN CALIF EDISON CO
2244 WALNUT GROVE AV
ROSEMEAD CA 91770-3714

359 402 11 00 7
SOUTHWEST CONSERVANCY III LLC
PO BOX 1413
BEND OR 97709-1413

374 321 10 00 5
SPEITEL WILLIAM A & PAMELA B
862 VICTORA AV
VENTURA CA 93003

359 100 33 00 0
STEPHENS JOHN & JARVIS
KATHERINE
33902 DESERT RD
ACTON CA 93510-2819

359 324 02 00 2
STONE DANIEL T
PO BOX 56867
SHERMAN OAKS CA 91413-1867

359 323 05 00 4
SU KUO CHANG
1410 CANDLEWOOD LN
HOFFMAN ESTATES IL 60169-2367

374 150 01 00 3
SUNDQUIST CATALINA LIVING
TRUST
81 PASEO DE TONER
BREA CA 92821-4962

374 150 04 00 2
SWENSON GARY S & JULIE A
300 S GLENWOOD AV
GLENDORA CA 91741-3543

374 150 03 00 9
TANEGA ARDON M & RUDY
2017 SPRUCE BROOK DR
HENDERSON NV 89014-1530

374 460 05 00 5
TAPIA CHARLES & CARMEN
REVOCABLE TRUST
8118 WEST AVENUE E
LANCASTER CA 93536

374 460 03 00 9
TAPIA FELIX A
6400 GOBI AV
ROSAMOND CA 93560

374 460 04 00 2
TAPIA PRIMO JR FAMILY TRUST
21722 GREENSLEEVES CT
SANTA CLARITA CA 91350-1770

359 100 29 00 9
TATE RICHARD WILLARD & JANICE
6538 CAMINO VENTUROSO
GOLETA CA 93117-1527

359 323 44 00 7
TAVELLA THOMAS R
5022 W AVENUE N 102150
PALMDALE CA 93551

359 402 08 00 9
TEG PROP INC
PO BOX 3366
GLENDALE CA 91221-0366

374 400 11 00 4
THOMAS JOHN W
920 TERI AV
TORRANCE CA 90503

374 290 01 00 4
TIVENS DONALD
21250 CALIFA ST STE 113
WOODLAND HILLS CA 91367-5025

374 301 06 00 8
TONG ABEL SOU-PING
32 SILVEROAK
IRVINE CA 92620-1296

359 323 08 00 3
TONG NHIEM & LY HUONG P
PO BOX 2411
LA HABRA CA 90632-2411

359 403 09 00 9
TOYOFUKU TOICHI & SACHIKO M
99210 HAILIMANU PL
AIEA HI 96701-2937

374 460 25 00 3
TRENOUTH FAMILY TRUST
8716 WEST AV D6
LANCASTER CA 93536

359 100 13 00 2
TREZZA FAMILY TRUST
16851 ALCROSS ST
COVINA CA 91722

359 403 08 00 6
TRIN MARVALLIE M
8801 GARFIELD ST
BETHESDA MD 20817-6707

359 402 10 00 4
TRUDREAM PROP L L C
6200 N ROCKSIDE WOODS BL STE 215
INDEPENDENCE OH 44131-2373

261 120 08 00 2
US SOLAR ASSETS LLC
135 MAIN ST FLR 6
SAN FRANCISCO CA 94105

374 450 05 00 2
VANNICE CORY
251 SPUR RANCH RD
ROSAMOND CA 93560-7247

359 403 05 00 7
VELASCO MARCUS C FERNANDEZ &
ALETH DE GUZMAN
PO BOX 56867
SHERMAN OAKS CA 91413-6867

374 020 47 00 9
VINAM WORLD INV & DEV
16631 MT ERIN CI
FOUNTAIN VALLEY CA 92708

374 301 07 00 1
VINCENT RICHARD M & ETHEL C
959 W ROSEWOOD CT
ONTARIO CA 91762

359 100 35 00 6
WALLER EMILY JANE LIVING TRUST
6308 NE COLLEEN AV
ALBUQUERQUE NM 87109

261 120 45 00 9
WEISSMAN RICHARD RECEIVER
12121 WILSHIRE BL STE 600
LOS ANGELES CA 90025

374 313 04 00 9
WHITE PAUL T & MARIE H
240 E HUNTER LN
CENTRAL UT 84722-3221

261 120 21 00 9
WILBURN KIMBERLY K
12309 SW 1ST ST
CORAL SPRINGS FL 33071-8056

374 302 06 00 5
WILEY DOROTHY E
147 PINEBROOK RD
COLCHESTER CT 06415-2412

374 311 09 00 0
WILEY R SCOTT
8262 NORTON AV APT 208
WEST HOLLYWOOD CA 90046-5951

374 450 13 00 5
WILLIAMS JEFFREY R & MC ARDLE
SEANEEN T
9241 WEST AVENUE A
ROSAMOND CA 93560-7083

261 260 23 00 6
WILLOW SPRINGS INVESTMENTS
701 N PARKCENTER DR
SANTA ANA CA 92705

359 031 06 00 9
WILLOW SPRINGS SOLAR 3 LLC
135 MAIN ST FLR 6
SAN FRANCISCO CA 94105-8113

359 401 14 00 9
WILSON PAUL L JR
14752 CRENSHAW BL U 259
GARDENA CA 90249-3694

359 100 36 00 9
WONG LIVING TR
705 IRVING ST
ALAMBRA CA 91801

374 180 01 00 2
WONG TSE CHING
1528 S CANFIELD AV
LOS ANGELES CA 90035-3218

359 332 03 00 4
YANG CHENGHUA
1855 SE TROSSACHS BL U 2505
SAMMAMISH WA 98075-5929

359 100 16 00 1
YANG YANYANG & ZHANG BO
PO BOX 56867
SHERMAN OAKS CA 91413

261 120 32 00 1
YEN JIN FU & LIEN PI HSIEN
PO BOX 56867
SHERMAN OAKS CA 91413-6867

374 460 17 00 0
YOST RAE DEAN
PO BOX 987
ROSAMOND CA 93560

374 450 10 00 6
YOUNG LAUREN A TRUST
PO BOX 10078
LANCASTER CA 93584-0078

374 460 27 00 9 **DUP**
YU JUAN G & GRACE C
ADDRESS UNKNOWN

359 332 05 00 0
ZANDERS NORMA L
5859 MUIR ST
SIMI VALLEY CA 93063-3676

374 250 08 00 3
ZEISMER REVOCABLE LIVING TRUST
15147 HALINOR ST
HESPERIA CA 92345

359 403 12 00 7
ZHANG XICHEN & WANG SHARON X
2317 GILLINGHAM CI
THOUSAND OAKS CA 91362-1608

261 120 54 00 5
ZIANI ANGELA TRUST
447 W AVENUE 44
LOS ANGELES CA 90065-3916

261 350 21 00 6
ABDELHAK MAHMOUD
P O BOX 12424
MARINA DEL REY CA 90295

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P. O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH # _____

Project Title: Rosamond South Solar Project by Golden Fields Solar IV, LLC

Lead Agency: Kern County Planning and Natural Resources Department — Contact Person: Terrance Smalls

Mailing Address: 2700 "M" Street Suite 100 — Phone: (661) 862-8607

City: Bakersfield — Zip: 93301 — County: Kern

Project Location: County: Kern — City/Nearest Community: Rosamond

Cross Streets: Rosamond Blvd & 90th Street West — Zip Code: 93501

Lat. / Long.: 34° 50' 16.84" N, 118° 21' 31.39" W — Total Acres: 1,292

Assessor's Parcel No.: Multiple — Section: Multiple — Twp.: Multiple — Range: Multiple — Base: SBB&M

Within 2 Miles: State Hwy #: _____ — Waterways: N/A

Airports: N/A — Railways: N/A — Schools: Tropico Middle School

Document Type:

CEQA: ☒ NOP ☐ Early Cons ☐ Neg Dec ☐ Mit Neg Dec ☐ Draft EIR ☐ Supplement/Subsequent EIR (Prior SCH No.) _____ ☐ Other _____

NEPA: ☐ NOI ☐ EA ☐ Draft EIS ☐ FONSI

Other: ☐ Joint Document ☐ Final Document ☐ Other _____

Local Action Type:

☐ General Plan Update ☒ General Plan Amendment ☐ General Plan Element ☐ Community Plan
☐ Specific Plan ☐ Master Plan ☐ Planned Unit Development ☐ Site Plan
☒ Rezone ☐ Prezone ☒ Use Permit ☐ Land Division (Subdivision, etc.)
☐ Annexation ☐ Redevelopment ☐ Coastal Permit ☐ Other _____

Development Type:

☐ Residential: Units _____ Acres _____
☐ Office: Sq.ft. _____ Acres _____ Employees _____
☐ Commercial: Sq.ft. _____ Acres _____ Employees _____
☐ Industrial: Sq.ft. _____ Acres _____ Employees _____
☐ Educational _____
☐ Recreational _____

☐ Water Facilities: Type _____ MGD _____
☐ Transportation: Type _____
☐ Mining: Mineral _____
☒ Power: Type Solar PV MW 154
☐ Waste Treatment: Type _____ MGD _____
☐ Hazardous Waste: Type _____
☒ Other: Battery Energy Storage up to 200 MW

Project Issues Discussed in Document:

☒ Aesthetic/Visual
☒ Agricultural Land
☒ Air Quality
☒ Archeological/Historical
☒ Biological Resources
☐ Coastal Zone
☒ Drainage/Absorption
☒ Economic/Jobs
☐ Fiscal
☒ Flood Plain/Flooding
☒ Forest Land/Fire Hazard
☒ Geologic/Seismic
☒ Minerals
☒ Noise
☒ Population/Housing Balance
☒ Public Services/Facilities
☒ Recreation/Parks
☒ Schools/Universities
☒ Septic Systems
☒ Sewer Capacity
☒ Soil Erosion/Compaction/Grading
☒ Solid Waste
☒ Toxic/Hazardous
☒ Traffic/Circulation
☒ Vegetation
☒ Water Quality
☒ Water Supply/Groundwater
☒ Wetland/Riparian
☒ Wildlife
☒ Growth Inducing
☒ Land Use
☒ Cumulative Effects
☒ Other GHG, Wildfire, Tribal Cultural Resources, Energy

Present Land Use/Zoning/General Plan Designation:

Undeveloped Land**.** *Zoning:* A (Exclusive Agriculture), E (Estate) *Kern County General Plan:* 5.6 (Residential Minimum 2.5 Gross Acres per Unit); 5.7(Residential Minimum 5 Gross Acres per Unit); 7.1 (Light Industrial); 7.2 (Service Industrial); 8.1 = Intensive Agriculture (Min. 20 Acre Parcel Size)

Project Description:

The Rosamond South Solar Project, as proposed by Golden Fields Solar IV, LLC would develop a photovoltaic solar facility and associated infrastructure necessary to generate up to 154 megawatt-alternating current (MW-AC) of renewable energy, including up to 200 megawatts of energy storage, on approximately 1,292 acres of privately-owned land. The project site consists of 4 sites (Sites 1 through 4) located on 64 parcels. The project would be supported by a 230-kilovolt (kV) gen-tie overhead and/or underground electrical transmission line(s) originating from one or more on-site substations and terminating at either the Teddy Substation or the Southern California Edison's Whirlwind Substation. The project's permanent facilities would include, but are not limited to, service roads, a power

collection system, inverter stations, transformer systems, transmission lines, electrical switchyards, project substations, energy (battery) storage system, and operations and maintenance facilities.

Implementation of the project as proposed would require:
SPA 40, Map #231; SPA 33, Map #232; ZCC 157, Map #231; ZCC 43, Map #232; ZCC 18, Map #233; CUP 120, Map #231; CUP 40, Map #232; CUP 46, Map #232; CUP 44, Map #232; CUP 16, Map #233; and SPA 31, Map #232.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "**X**".
If you have already sent your document to the agency please denote that with an "**S**".

S	Air Resources Board		Office of Emergency Services
	Boating & Waterways, Department of		Office of Historic Preservation
S	California Highway Patrol		Office of Public School Construction
	CalFire	S	Parks & Recreation
S	Caltrans District # 6		Pesticide Regulation, Department of
S	Caltrans Division of Aeronautics	S	Public Utilities Commission
	Caltrans Planning (Headquarters)	S	Regional WQCB # Lahontan
	Central Valley Flood Protection Board		Resources Agency
	Coachella Valley Mountains Conservancy		S.F. Bay Conservation & Development Commission
	Coastal Commission		San Gabriel & Lower L.A. Rivers and Mtns Conservancy
	Colorado River Board		San Joaquin River Conservancy
S	Conservation, Department of		Santa Monica Mountains Conservancy
	Corrections, Department of	S	State Lands Commission
	Delta Protection Commission		SWRCB: Clean Water Grants
	Education, Department of		SWRCB: Water Quality
S	Energy Commission		SWRCB: Water Rights
S	Fish & Game Region # Fresno		Tahoe Regional Planning Agency
S	Food & Agriculture, Department of	S	Toxic Substances Control, Department of
	General Services, Department of	S	Water Resources, Department of
	Health Services, Department of		
	Housing & Community Development		Other _____
S	Integrated Waste Management Board		Other _____
X	Native American Heritage Commission		

Local Public Review Period (to be filled in by lead agency)

Starting Date June 3, 2021 Ending Date July 3, 2021

Lead Agency (Complete if applicable):

Consulting Firm: _____ Applicant: _____
Address: _____ Address: _____
City/State/Zip: _____ City/State/Zip: _____
Contact: _____ Phone _____
Phone: _____

Signature of Lead Agency Representative: /s/ **Date:** 06/03/2021

Terrance Smalls, Supervising Planner

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

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NOTICE OF PREPARATION/INITIAL STUDY CHECKLIST

Rosamond South Solar Project
by Golden Fields Solar IV, LLC, a subsidiary of Clearway Energy Group LLC

Specific Plan Amendment No. 40, Map No. 231
Specific Plan Amendment No. 33, Map No. 232
Zone Change Case No.157, Map No. 231
Zone Change Case No. 43, Map No. 232
Zone Change Case No. 18, Map No. 233
Conditional Use Permit No. 120, Map No. 231
Conditional Use Permit No. 40, Map No. 232
Conditional Use Permit No. 44, Map No. 232
Conditional Use Permit No. 46, Map No. 232
Conditional Use Permit No. 16, Map No. 233
Specific Plan Amendment No. 31, Map No. 232

PLN #19-01741
(PP19151)

LEAD AGENCY:

Kern County Planning and Natural Resources Department
2700 M Street, Suite 100
Bakersfield, CA 93301-2370

June 2021

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INTRODUCTION

Pursuant to the California Environmental Quality Act (CEQA), the Kern County Planning and Natural Resources Department will initiate the preparation of an Environmental Impact Report (EIR) for the Rosamond South Solar Project in the unincorporated area of southeastern Kern County, California.

BACKGROUND INFORMATION

The project proponent, Golden Fields Solar IV, LLC, a subsidiary of Clearway Energy Group LLC, submitted an application for the Rosamond South Solar Project to the County that was deemed complete on October 16, 2020.

1. Project Description

1.1. Project Location

The proposed Rosamond South Solar Project (proposed project or project) is a proposal by Golden Fields Solar IV, LLC, a subsidiary of Clearway Energy Group, LLC (Clearway) (project proponent) to construct and operate a photovoltaic (PV) solar facility and associated infrastructure to generate up to 154 megawatts (MW) of renewable electrical energy and up to 200 MW of energy storage on approximately 1,292 acres of privately-owned land. The proposed project site is located in the Mojave Desert within unincorporated Kern County, bounded by Rosamond Boulevard to the north, 90th Street West to the east, West Avenue A to the south and 170th Street West to the west. (*Figure 1, Regional Vicinity Map*). Access to the site would be from Rosamond Boulevard, Avenue A, Avenue D, Astoria Avenue, Gaskell Road, Holiday Avenue, Willow Avenue, Kingbird Avenue,100th Street West, 140th Street West, 130th Street West and 170th Street West.

The site is located within Section 24 Township 9 North, Range 15 West and Sections 20, 21, 27, and 28, Township 9 North, Range 14 West, and Sections 30 and 31 Township 9 N Range 13W, San Bernardino Base and Meridian. The project site is located approximately 11 miles west of the community of Rosamond in the western Antelope Valley, in the far western Mojave Desert and approximately 50 miles southeast of the city of Bakersfield within the jurisdiction of the Willow Springs Specific Plan. The closest airport is Rosamond Skypark, which is located approximately nine miles east of the project site. The closest military base is Edwards Air Force Base, approximately 30 miles to the east of the project site.

The project boundaries are shown on *Figure 2, Local Vicinity Map*, which also shows the proposed transmission line alignments being considered. Electricity produced by the proposed project would be collected and routed to the existing Teddy Substation, where it would be stepped up in voltage. From the substation, power would be transmitted to the Southern California Edison (SCE) Whirlwind substation via existing 230 kV transmission line.

As shown on *Figure 3, Aerial Photograph With Site Boundaries* the project area is divided into three Conditional Use Permit (CUP) areas (Areas 1 through 3) and is comprised of 64 privately owned parcels. *Table 1, Project Assessor Parcel Numbers, Existing Map Codes, Existing and Proposed Zoning, and Acreage*, below identifies the 64 individual parcels by site, their respective Assessor's Parcel Number (APN), acreages, and existing and proposed zoning designations. *Figures 4-6,* identify the existing General

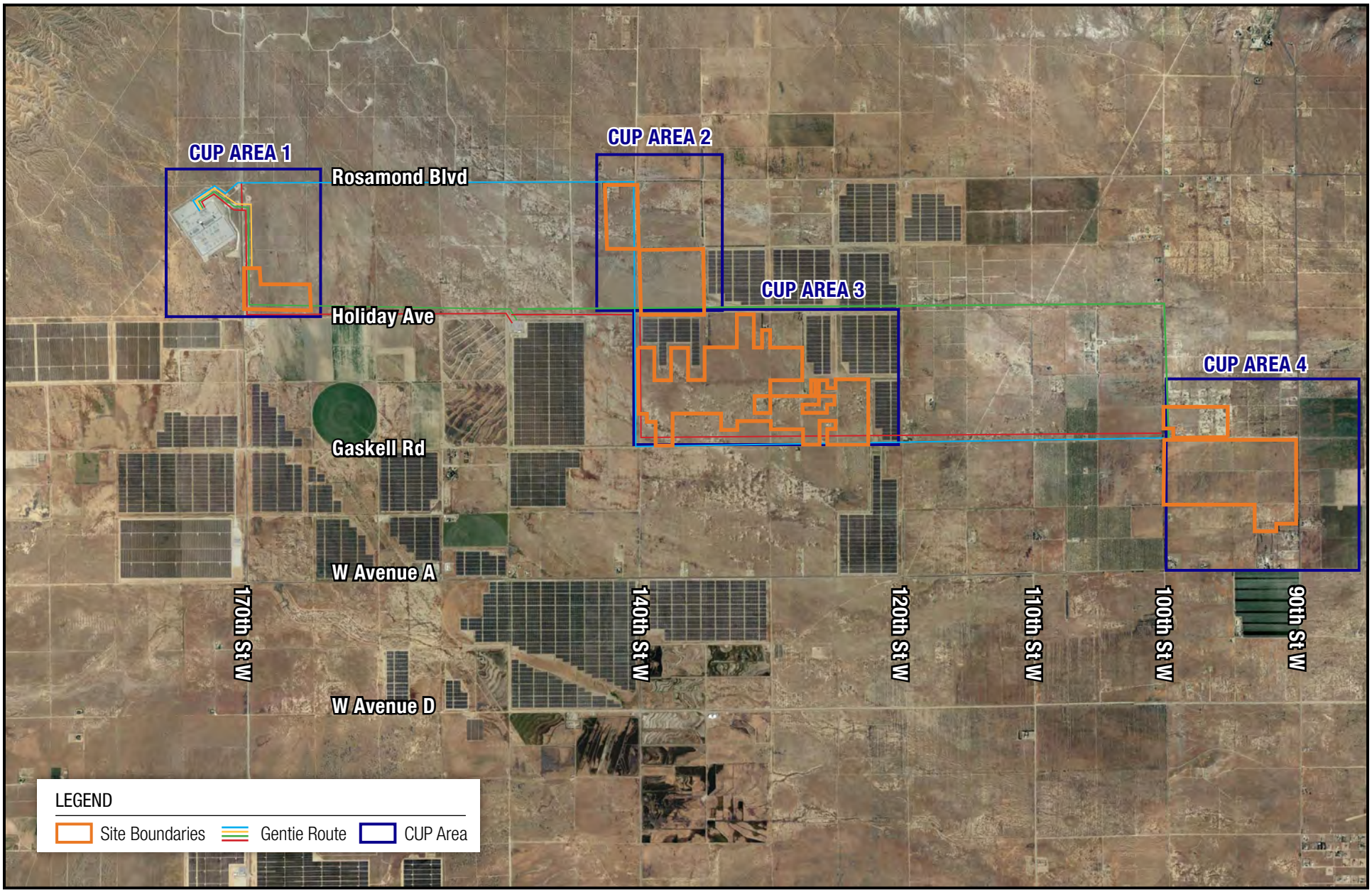
Plan designations for each of the project areas and *Figures 6-9, identify the existing zone classification*, identifies the boundaries of each of the proposed CUPs.

Table 1. Project Assessor Parcel Numbers, Existing Map Codes, Existing and Proposed Zoning, and Acreage

CUP Area	APN	Acres	Existing Zone District*	Proposed Zone District	Zone Map	General Plan Map Code
1	261-120-05	20.63	E(2 ½) RS FPS	A FPS	233	5.6; 5.6/2.6
	261-120-06	20.68	E(2 ½) RS FPS	A FPS	233	5.6; 5.6/2.6
	261-120-07	20.08	E(2 ½) RS FPS	A FPS	233	5.6; 5.6/2.6
	261-120-09	9.60	E(2 ½) RS FPS	A FPS	233	5.6; 5.6/2.6
Area 1 total acres: 70.99						
2	359-020-49	160.71	A	A	232	5.3/4.4; 5.3/4.4/2.6
	359-100-05	79.87	E (5)	A	232	5.7
Area 2 total acres: 240.58						
3	359-175-05	78.60	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-331-06	5	E (2 ½) RS FPS	A FPS	232	5.7/2.6/2.85
	359-331-07	5	E (2 ½) RS FPS	A FPS	232	5.7/2.85
	359-331-12	5	E (2 ½) RS FPS	A FPS	232	5.7/2.85
	359-331-13	5	E (2 ½) RS FPS	A FPS	232	5.7/2.85
	359-331-15	5	E (2 ½) RS FPS	A FPS	232	5.7/2.85
	359-331-16	20.21	A FPS	A FPS	232	8.1/2.85; 8.1/2.6/2.85
	359-331-18	20.29	A FPS	A FPS	232	8.1/2.85; 8.1/2.6/2.85
	359-331-20	19.93	E(5) RS FPS	A FPS	232	5.7/2.85
	359-331-21	19.97	E(5) RS FPS	A FPS	232	5.7/2.85
	359-331-22	20.01	E(5) RS FPS	A FPS	232	5.7/2.85
	359-331-23	20.0	E(5) RS FPS	A FPS	232	5.7/2.85
	359-332-01	10.43	E(5) RS FPS	A FPS	232	5.7/2.6/2.85
	359-332-02	10.39	E(5) RS FPS	A FPS	232	5.7/2.6/2.85
	359-332-03	10.36	E(5) RS FPS	A FPS	232	5.7/2.85; 5.7/2.6/2.85
	359-332-04	10.32	E(5) RS FPS	A FPS	232	5.7/2.85; 5.7/2.6/2.85
	359-332-05	10.36	E(5) RS FPS	A FPS	232	5.7/2.6/2.85

CUP Area	APN	Acres	Existing Zone District*	Proposed Zone District	Zone Map	General Plan Map Code
	359-332-06	10.35	E(5) RS FPS	A FPS	232	5.7/2.6/2.85
	359-332-07	20.67	E(5) RS FPS	A FPS	232	5.7/2.85; 5.7/2.6/2.85
	359-332-09	40.34	E(5) RS FPS	A FPS	232	5.7/2.85
	359-332-10	20.11	E(5) RS FPS	A FPS	232	5.7/2.85
	359-332-11	5.03	E (5) RS FPS	A FPS	232	5.7/2.85
	359-332-12	5.03	E (5) RS FPS	A FPS	232	5.7/2.85
	359-332-16	2.57	E (5) RS FPS	A FPS	232	5.7/2.85
	359-332-24	19.68	E (5) RS FPS	A FPS	232	5.7/2.85
	359-332-30	5.04	E (5) RS FPS	A FPS	232	5.7/2.85
	359-332-31	5	E(5) RS FPS	A FPS	232	5.7/2.85
	359-332-35	10.05	E(5) RS FPS	A FPS	232	5.7/2.85
	359-401-02	4.99	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-03	2.5	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-05	2.5	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-12	2.5	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-15	2.5	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-09	2.49	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-16	5.00	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-19	4.64	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-20	4.26	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-21	5.00	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-22	5.00	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-401-23	5.01	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-11	10.0	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-13	5.0	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-14	5.0	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-15	2.50	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-16	2.50	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-17	2.50	E(2 ½) RS FPS	A FPS	232	5.6/2.85

CUP Area	APN	Acres	Existing Zone District*	Proposed Zone District	Zone Map	General Plan Map Code
	359-402-18	2.50	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-19	2.50	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-20	2.50	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-21	2.50	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-402-22	2.50	E(2 ½) RS FPS	A FPS	232	5.6/2.85
	359-403-08	20.01	E (2 ½) RS FPS	A FPS	232	5.6/2.85
	359-403-09	20.02	E (2 ½) RS FPS	A FPS	232	5.6/2.85
Area 3 total acres: 541.16						
4	374-020-02	164.93	E(2 ½) RS FPS	A FPS	231	7.1/4.4; 7.2/4.4
	374-020-15	82.08	E(2 ½) RS FPS	A FPS	231	7.1/4.4
	374-020-16	81.01	E(2 ½) RS FPS	A FPS	231	7.1/4.4
	374-450-01	37.28	E(2 ½) RS FPS	A FPS	231	7.2/4.4
	374-460-12	73.96	E(2 ½) RS FPS	A FPS	231	7.2/4.4
Area 4 total acres: 439.26						
	General Plan Map Code: 2.6 = Erosion Hazard Overlay; 2.85= Noise Management Area; 4.4 = Comprehensive Planning Area; 5.6 = Residential Minimum 2.5 Gross Acres per Unit; 5.7 = Residential Minimum 5 Gross Acres per Unit 7.1 = Light Industrial; 7.2 = Service Industrial; 8.1 = Intensive Agriculture (Min. 20 Acre Parcel Size); The project site is located entirely within the Willow Springs Specific Plan area. Zone District: A FPS= Exclusive Agriculture, E = Estate Districts, FPS= Floodplain Secondary Combining District, RS= Residential Suburban District					



Source: Google Earth, REVAMP Engineering, 2021

N.T.S.

FIGURE 3: Aerial Map with Site Boundaries

Rosamond South Solar Project

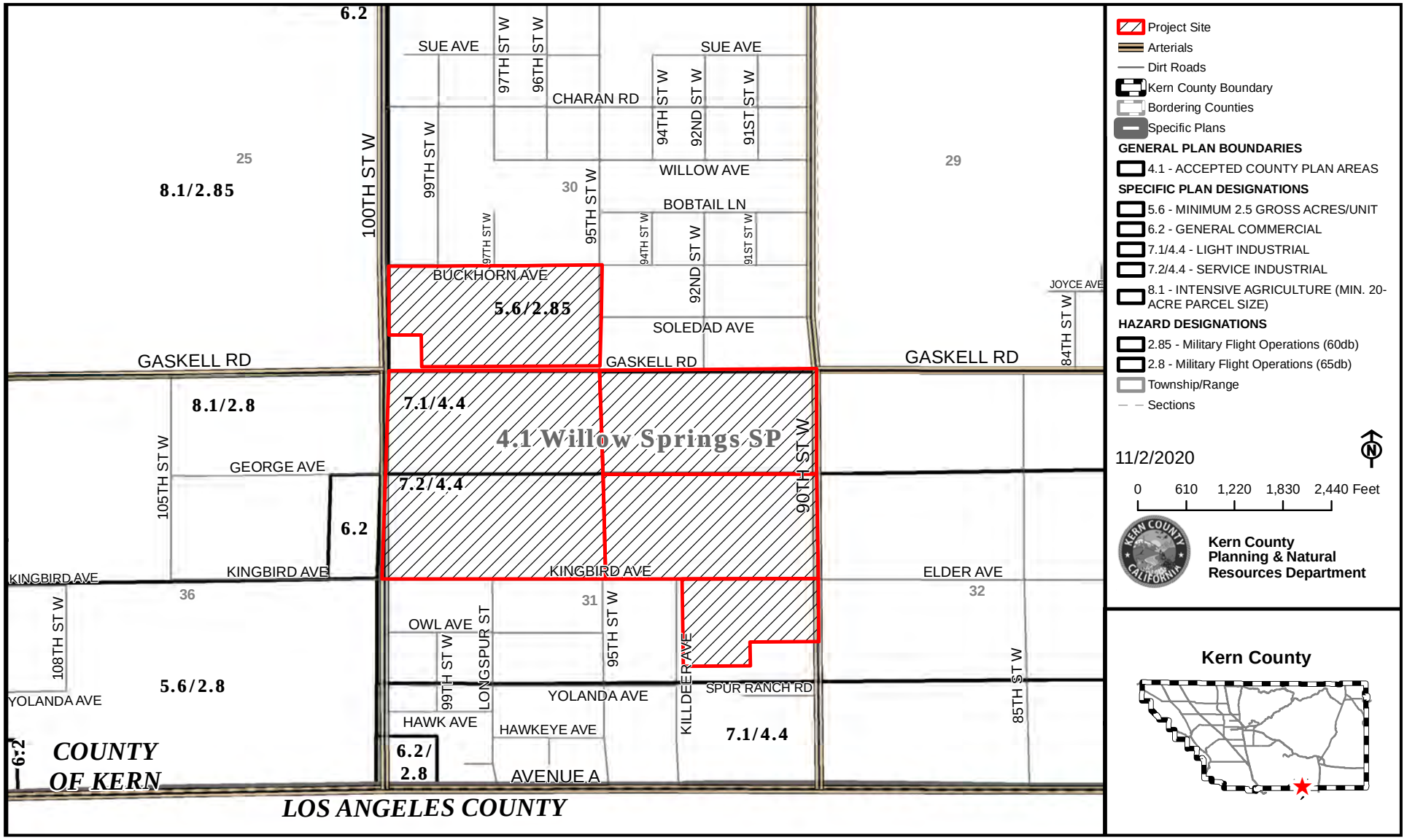


FIGURE 4: Existing General Plan Designations – Zoning Map 231

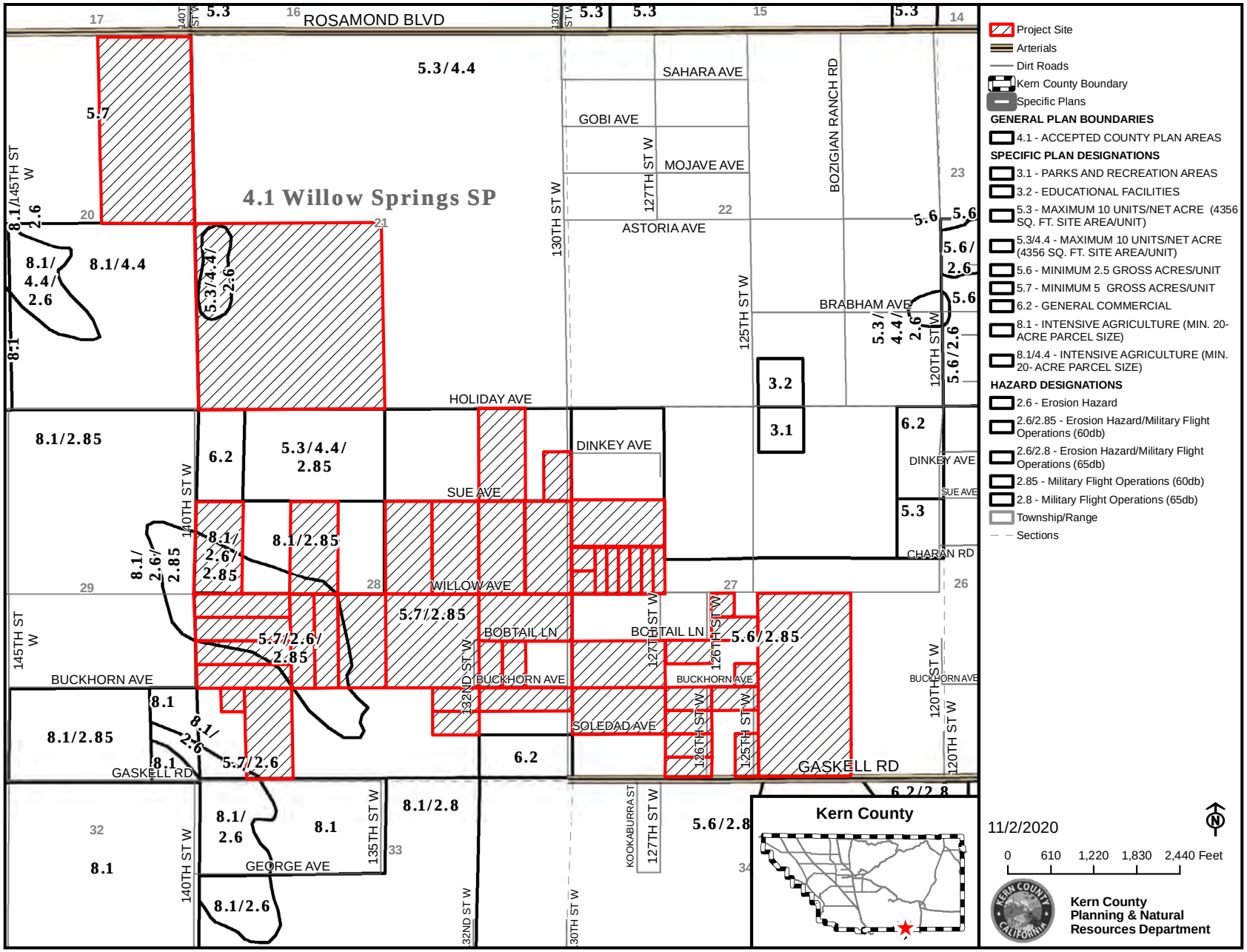


FIGURE 5: Existing General Plan Designations – Zoning Map 232

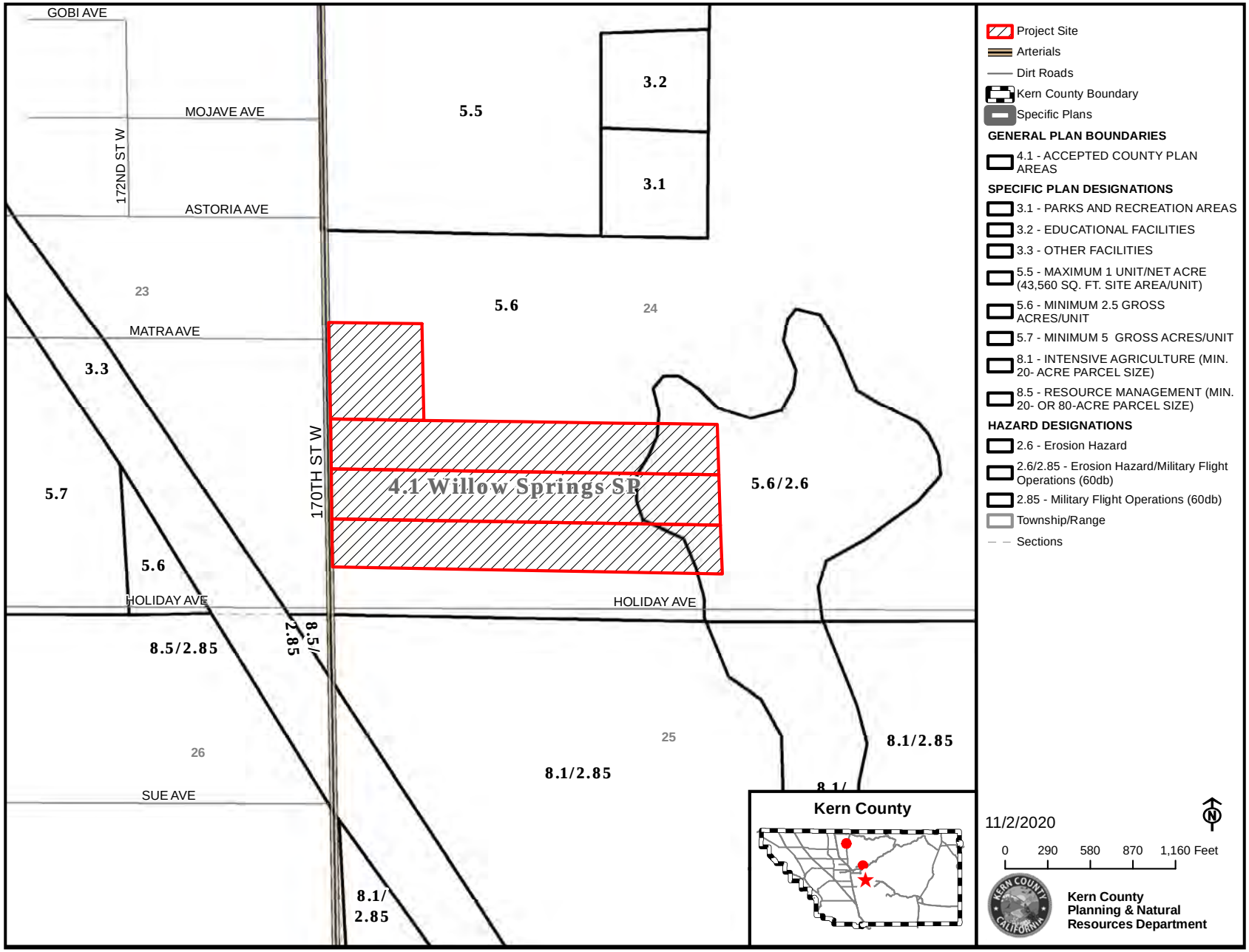


FIGURE 6: Existing General Plan Designations – Zoning Map 233

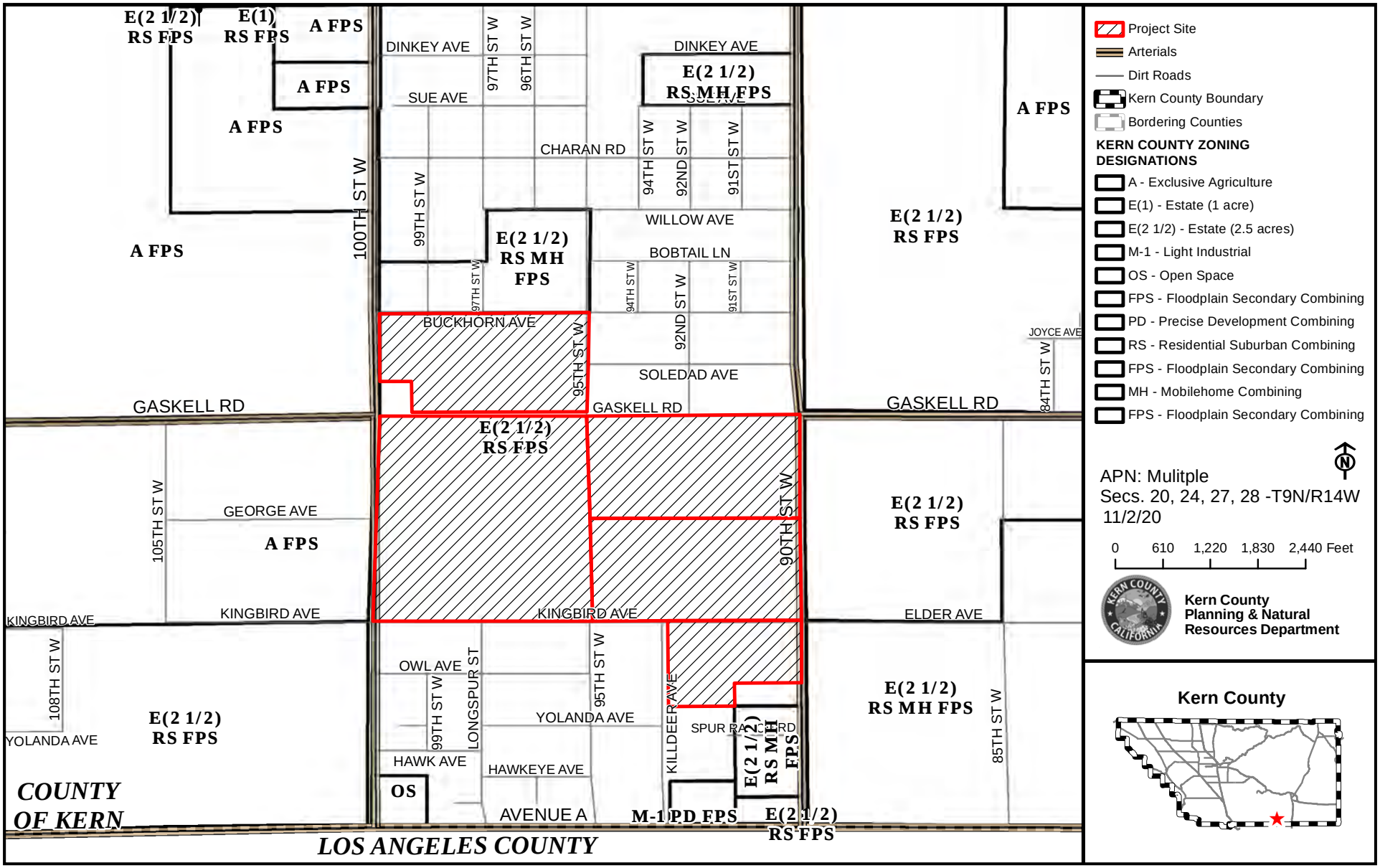


FIGURE 7: Existing Zone Classifications – Zoning Map 231

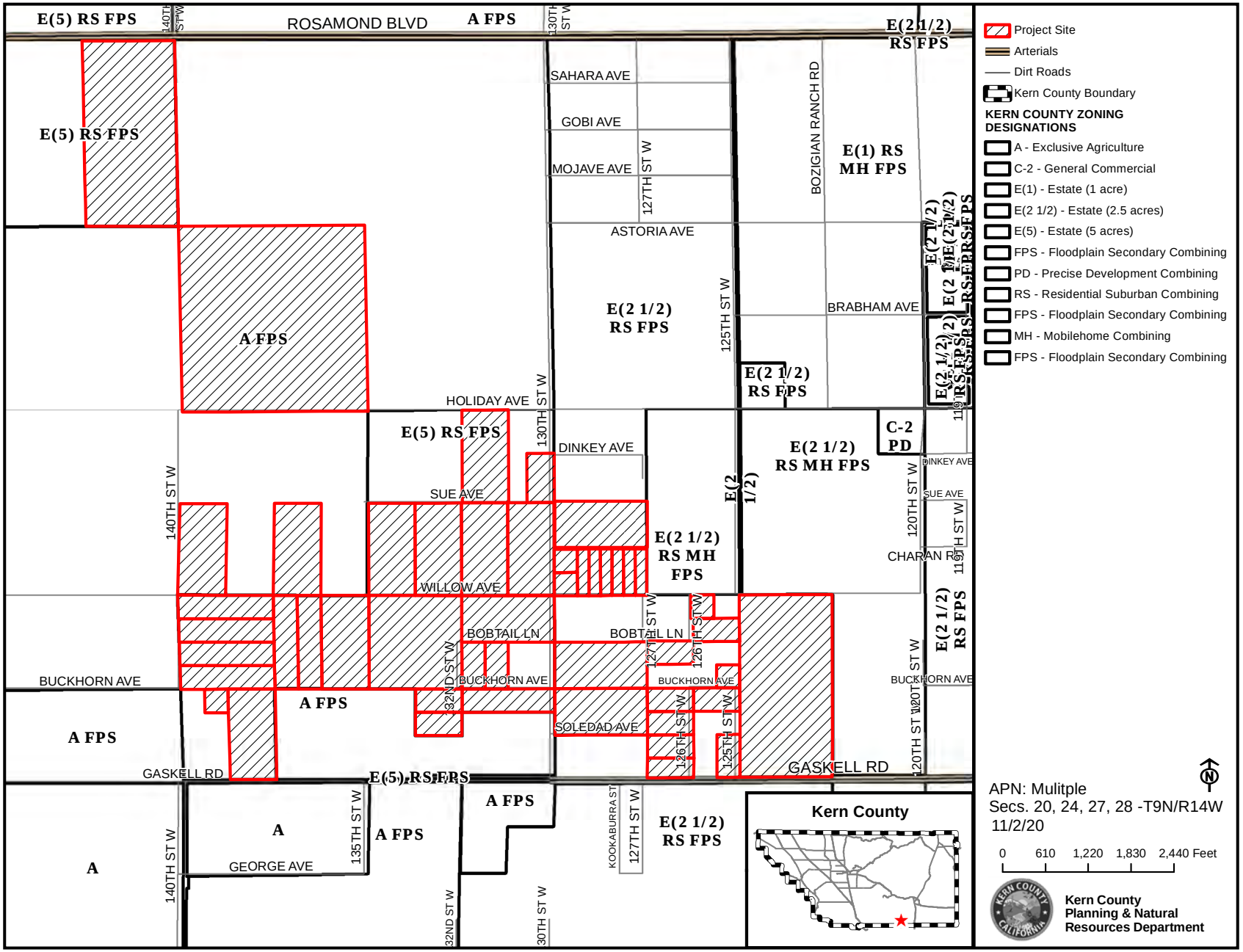


FIGURE 8: Existing Zone Classifications – Zoning Map 232

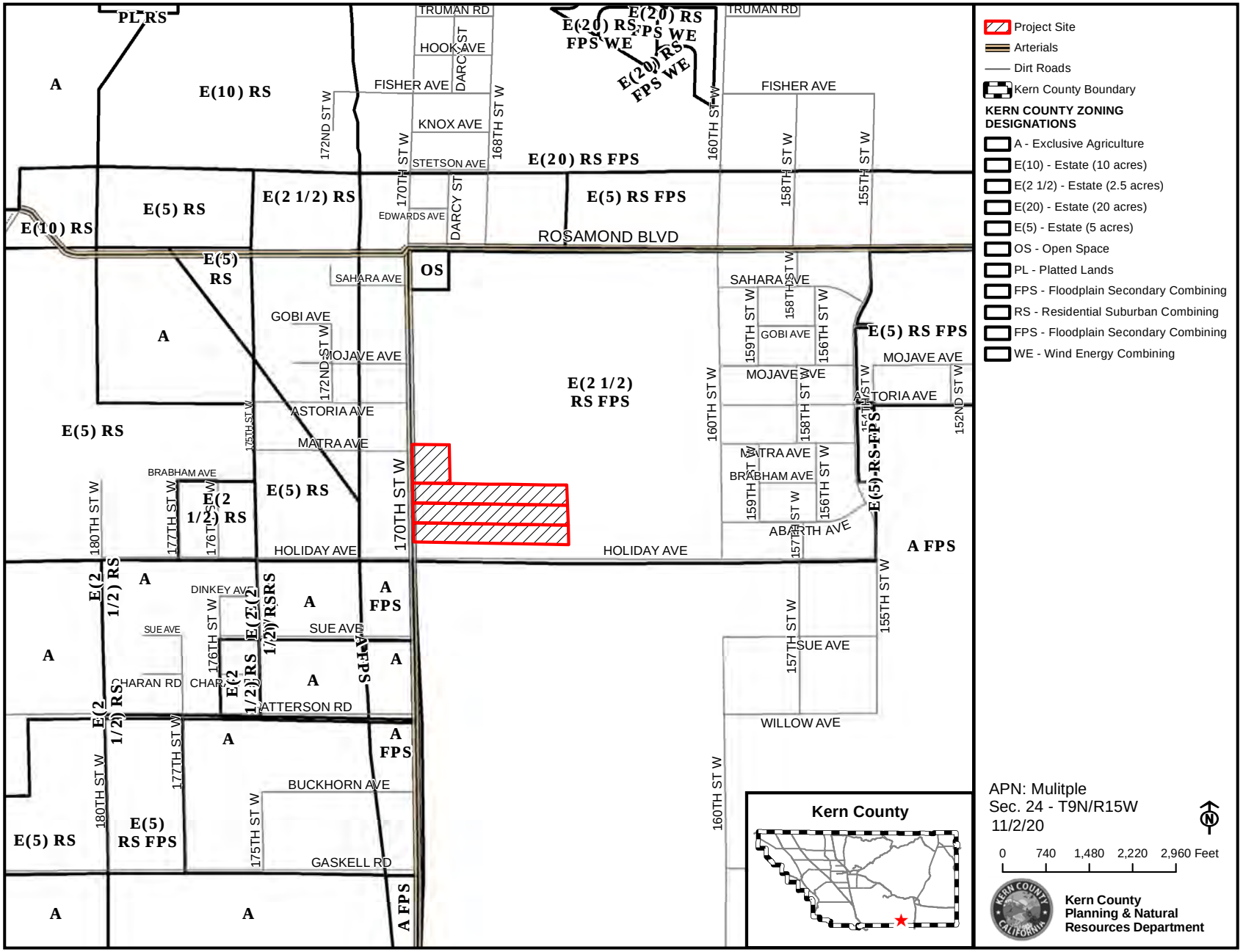
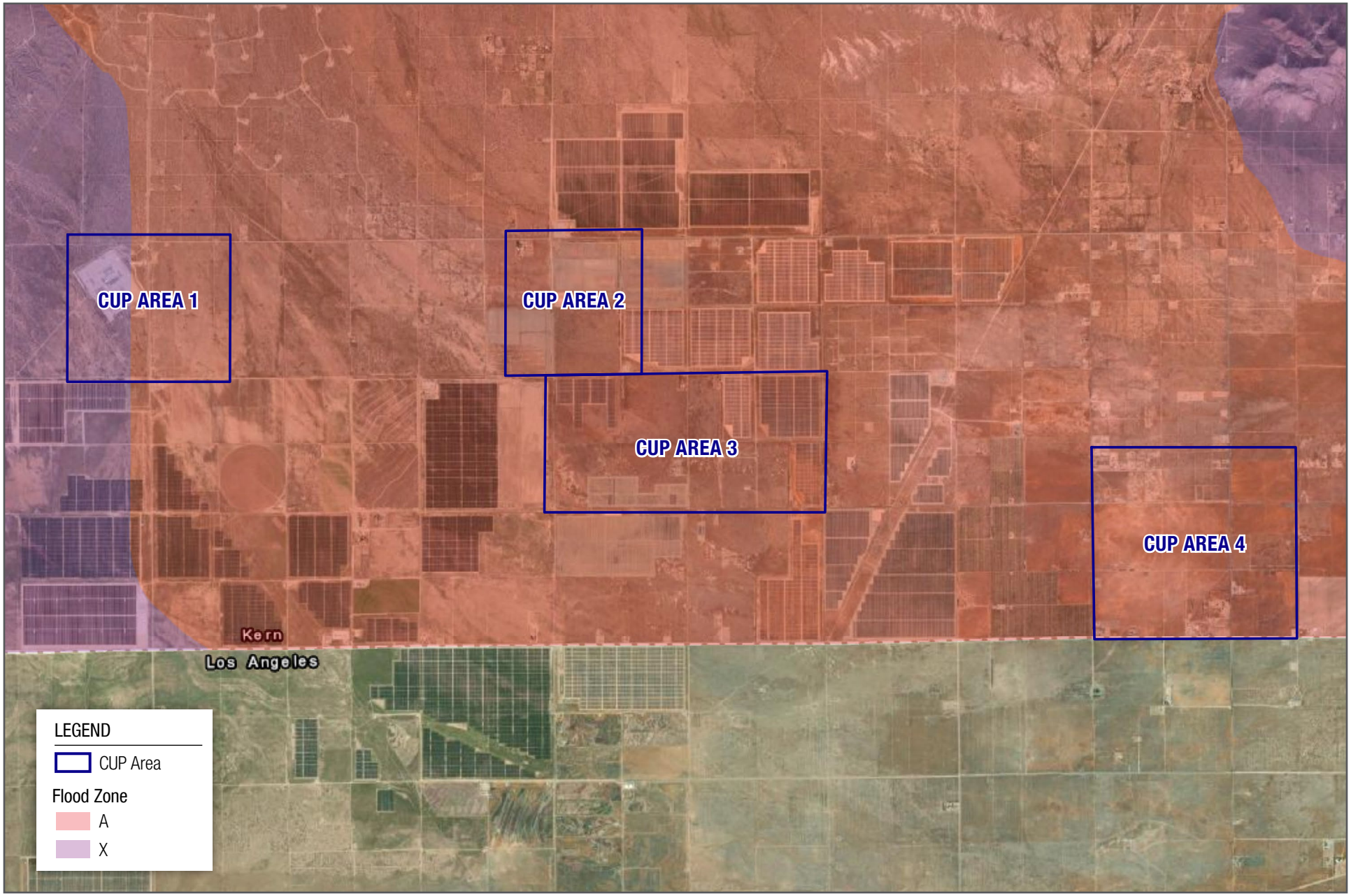


FIGURE 9: Existing Zone Classifications – Zoning Map 233



Source: FEMA, 2021

N.T.S.

FIGURE 10: FEMA Floodplain Map

Rosamond South Solar Project

1.2. Environmental Setting

The project site is located approximately 11 miles west of the community of Rosamond in the western Antelope Valley, in the far western Mojave Desert. The project site is located on the Fairmont Butte and Little Butte 7.5-minute USGS Quadrangles. CUP Areas 1, 2, and part of 3 are located within the Fairmont Butte USGS Quadrangle; the balance of CUP area 3 and CUP area 4 are located within the Little Butte USGS Quadrangle (USGS 2018a; USGS 2018b). The major north-south route in the region is State Route (SR) 14, a four-lane highway located east of the project site. The major east-west route near the Project site is SR 138, which is a two-lane road intersecting with SR 14 approximately 11.5 miles east of the project site. Refer to *Figure 2, Project Site Boundaries*.

The proposed project would be served by the Kern County Sheriff's Office (KCSO) for law enforcement and public safety services. The closest sheriff station is the Rosamond Substation, located approximately 6 miles north of the project site. The Kern County Fire Department (KCFD) provides fire protection and emergency medical and rescue services for the project area. Rosamond Station is located approximately 6 miles to the east of the project site.

The Kern County Airport Land Use Compatibility Plan (ALUCP) covers operations at the Edwards Air Force Base, located approximately 30 miles to the east of the project site. The project site is not within the area covered by the ALCUP. The nearest airports to the project site are the privately owned Rosamond Skypark approximately 9 miles to the north east, the Mojave Air and Space Port approximately 25 miles to the northeast, and the Mountain Valley Airport approximately 25 miles to the north. The nearest public airport to the project site is Palmdale Regional Airport located approximately 18 miles southeast of the project site. The project site is not located within any safety or noise zones for the Palmdale Regional Airport (Las Angeles County, 2003).

The Federal Emergency Management Agency (FEMA) delineates flood hazard areas on its Flood Insurance Rate Maps (FIRMs). According to the FIRMs for the project site, the project site is located in a 100-year flood area (Zone A Without Base Flood Elevation,; refer to *Figure 10, FEMA Floodplain Map* (FEMA, 2008a and 2008b).

The project site is not designated by the California Department of Conservation (DOC) as Prime Farmland, Farmland of Statewide Importance, or Unique Farmland. CUP Areas 1, 2 and 3 are designated as Nonagricultural and Natural Vegetation and CUP Area 4 is designated Grazing Land, Nonagricultural or Natural Vegetation and Semi-agricultural and Rural Commercial Land on the Farmland Mapping and Monitoring Program (FMMP) 2016 Important Farmland map (DOC 2016). There are no lands designated as important farmland located within the project site. Additionally, no lands affected by the project are subject to a Williamson Act Land Use contract. Portions of the project site are located within Kern County Agricultural Preserve No. 24 (County of Kern Planning Department, 2006).

The project site is not within a mineral recovery area or within a designated mineral and petroleum resource site designated by the Willow Springs Specific Plan, nor is it identified as a mineral resource zone by the Department of Conservation's State Mining and Geology Board, nor designated by the California Geologic Energy Management Division (formerly known as the Department of Oil, Gas and Geothermal Resources (DOGGR)) as a recognized oil field.

The proposed project would be located within unincorporated Kern County and within the jurisdiction of the Willow Springs Specific Plan. The existing designations are listed in *Table 1, Project Assessor Parcel*

Numbers, Existing Map Codes, Existing and Proposed Zoning, and Acreage, above, and depicted in *Figures 4-6*. The proposed project would be subject to the provisions of the Kern County Zoning Ordinance and is zoned as specified in Table 1, above, and depicted in *Figures 6-9.*

Surrounding Land Uses

Table 2, Existing Project Site and Surrounding Properties, Existing Land Use, General Plan Map Code Designations, and Zoning, identifies the existing land use, the existing general plan land use designation, and the existing zoning for each of the four CUP Areas. Additionally, such conditions are described for adjacent lands to the north, east, south, and west of each of the sites.

Existing land use in the project area generally includes undeveloped desert lands, scattered rural residential uses, access roadways, transmission corridors and other wind and solar energy projects that are currently in various stages of planning, construction, or operation. Other development in the area includes Willow Springs International Raceway. Rural residential uses are found in the unincorporated community of Rosamond to the east of the project site, located along Rosamond Boulevard.

The sensitive receptors closest to the project site are single family residences located adjacent to the south of CUP Area 4 along Spur Ranch Road. Additional single-family residences are located approximately 1 mile east of the east side of CUP Area 4 along 80th Street W and adjacent to CUP Areas 2 and 3. Rosamond Park, a local park, is located approximately 7.2 miles northeast of the easternmost portion of the project site. The closest school to the project site is Tropico Middle School, located approximately 4 miles northeast of the project site.

There are several existing, planned, and permitted solar energy and transmission projects adjacent to the project site. These projects include AVEP, Antelope Valley Solar, Big Beau Solar Project, Kingbird Photovoltaic Project, RE Astoria Solar Project, Raceway Solar Project, Rosamond Solar Array, Antelope Valley Phases 1 & 2, Willow Springs Solar Array, and Clearway's Rosamond Central Solar Project.

TABLE 2. EXISTING PROJECT SITES AND SURROUNDING PROPERTIES, EXISTING LAND USE, GENERAL PLAN MAP CODE DESIGNATIONS, AND ZONING

Location	Existing Land Use	Existing General Plan Map Code Designations	Existing Zone District
CUP Area 1	**Undeveloped**	**5.6 (Residential Minimum 2.5 Gross Acres per Unit); 5.6/2.6 (Residential Minimum 2.5 Gross Acres per Unit/Erosion Hazard)**	**E (2 ½) RS FPS (Estate 2.5-acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)**
North	Undeveloped	5.6 (Residential Minimum 2.5 Gross Acres per Unit)	E (2 ½) RS FPS (Estate 2.5-acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)
East	Undeveloped, Single family residences	5.6/2.6 (Residential Minimum 2.5 Gross Acres per Unit/Erosion Hazard)	E (2 ½) RS FPS (Estate 2.5-acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)
South	Undeveloped, Substation, Solar array.	8.1/2.85 (Intensive Agriculture/ Noise Management Area)	A FPS (Exclusive Agriculture, Floodplain Secondary Combining)
West	Undeveloped, Substation	5.6 (Residential Minimum 2.5 Gross Acres per Unit)	E (2 ½) RS FPS (Estate 2.5 acre minimum, Residential Suburban Combining, Floodplain Secondary Combining))
CUP Area 2	**Single family residence, Out buildings, Undeveloped**	**5.3/4.4(Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area); 5.3/4.4/2.6 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area/Erosion Hazard); 5.7 (Residential Minimum 5 Gross Acres per Unit)**	**A FPS (Exclusive Agriculture, Floodplain Secondary Combining); E(5) RS FPS (Estate 5 acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)**
North	Undeveloped, Single family residences	5.3 (Residential Maximum 10 Units per Net Acre); 5.3/4.4(Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area);	A FPS (Exclusive Agriculture, Floodplain Secondary Combining); E(5) (Estate 5 acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)
East	Undeveloped, Single family residences, Solar array	5.3/4.4 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area);	A FPS (Exclusive Agriculture, Floodplain Secondary Combining);

Location	Existing Land Use	Existing General Plan Map Code Designations	Existing Zone District
South	Undeveloped, Solar array, CUP Area 3	5.3/4.4/2.85 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area/Noise Management Area);	A FPS (Exclusive Agriculture, Floodplain Secondary Combining); E(5) RS FPS (Estate 5 acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)
West	Undeveloped	8.1/2.6 (Intensive Agriculture, Minimum 20 Acre Parcel Size/Erosion Hazard); 8.1/4.4 (Intensive Agriculture/Comprehensive Planning Area)	A FPS (Exclusive Agriculture, Floodplain Secondary Combining); E(5) RS FPS (Estate 5 acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)
CUP Area 3	**Undeveloped**	**5.6/2.85 (Residential Minimum 2.5 Gross Acres per Unit/Noise Management Area); 5.7/2.6 (Residential Minimum 5 Gross Acres per Unit/Erosion Hazard); 5.7/2.6/2.85 (Residential Minimum 5 Gross Acres per Unit/Erosion Hazard/Noise Management Area); 8.1/2.85 (Intensive Agriculture, Minimum 20 Acre Parcel Size/Noise Management Area(606db)); 8.1/2.6/2.85 (Intensive Agriculture, Minimum 20 Acre Parcel Size/Erosion Hazard/Noise Management Area)**	**A FPS (Exclusive Agriculture, Floodplain Secondary Combining); E(5) RS FPS (Estate 5 acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)**
North	Undeveloped, CUP Area 2, Solar array	5.3/4.4/2.85 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area/Noise Management Area); 6.2 (General Commercial)	E(2 ½) RS MH FPS((Estate 2.5 acre minimum, Residential Suburban Combining, Mobilehome Combining, Floodplain Secondary Combining); E(5) RS FPS (Estate 5 acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)
East	Undeveloped, Mortuary and cemetery, Single family residence	5.6/2.85 (Residential Minimum 2.5 Gross Acres per Unit/Noise Management Area)	E(2 ½) RS MH FPS((Estate 2.5 acre minimum, Residential Suburban Combining, Mobilehome Combining, Floodplain Secondary Combining)

Location	Existing Land Use	Existing General Plan Map Code Designations	Existing Zone District
South	Undeveloped, Single family residences, Solar array	6.2 (General Commercial); 8.1 (Intensive Agriculture, Minimum 20 Acre Parcel Size); 8.1/2.6 (Intensive Agriculture, Minimum 20 Acre Parcel Size/Erosion Hazard)	A FPS (Exclusive Agriculture, Floodplain Secondary Combining); E (2 ½) RS FPS (Estate 2.5-acre minimum, Residential Suburban Combining, Floodplain Secondary Combining);
West	Undeveloped, Solar array	8.1/2.6/2.85 (Intensive Agriculture, Minimum 20 Acre Parcel Size/Erosion Hazard/Noise Management Area)	A FPS (Exclusive Agriculture, Floodplain Secondary Combining)
CUP Area 4	**Outbuildings, Undeveloped**	**7.2/4.4 (Service Industrial/Comprehensive Planning Area)**	**E (2 ½) RS FPS (Estate 2.5-acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)**
North	Undeveloped, Single family residences,	7.2/4.4 (Service Industrial/Comprehensive Planning Area)	E (2 ½) RS FPS (Estate 2.5-acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)
East	Undeveloped, Single family residences	7.2/4.4 (Service Industrial/Comprehensive Planning Area)	E (2 ½) RS FPS (Estate 2.5-acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)
South	Undeveloped, Single family residences	7.2/4.4 (Service Industrial/Comprehensive Planning Area)	A FPS (Exclusive Agriculture, Floodplain Secondary Combining)
West	Undeveloped, Single family residences	7.2/4.4 (Service Industrial/Comprehensive Planning Area)	A FPS (Exclusive Agriculture, Floodplain Secondary Combining); E (2 ½) RS FPS (Estate 2.5-acre minimum, Residential Suburban Combining, Floodplain Secondary Combining)

1.3. Project Description

Project Overview

The Rosamond South Solar Project by Golden Fields Solar IV, LLC, a subsidiary of Clearway is a proposed photovoltaic (PV) solar facility with associated infrastructure on approximately 1,292 acres of privately-

owned land in southeastern Kern County (*Figure 1, Regional Vicinity Map)*. As stated above, the facility would consist of 4 areas (CUP Areas 1 to 4) to generate a combined (up to) 154 MW of renewable electrical energy. The project also includes the installation of (up to) 200 MW energy storage (battery) facilities. The project's permanent facilities would include, but are not limited to, service roads, a power collection system, combiners, inverter stations, transformer systems, overhead and buried conductors, transmission lines, generation tie (gen-tie) lines, electrical switchyards, substations, energy (battery) storage system, telecommunications tower, security fencing, and operations and maintenance facilities.

The proposed project would include two Specific Plan Amendments to the Willow Springs Specific Plan as follows:

- Specific Plan Amendment No. 40, Map No. 231 from map code designation 7.1/4.4 (Light Industrial, Comprehensive Planning Area) to 7.1 (Light Industrial) on approximately 247 acres and from map code designation 7.2/4.4 (Service Industrial, Comprehensive Planning Area) to 7.2 (Service Industrial) on approximately 118 acres

- Specific Plan Amendment No. 33, Map No. 232 from map code designation 5.3/4.4 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area) to 5.3 (Residential, Maximum 10 Units per Net Acre) on approximately 80 acres and from map code designation 5.3/4.4/2.6 (Residential Maximum 10 Units per Net Acre/Comprehensive Planning Area/Erosion Hazard) to 5.3/2.6 (Residential Maximum 10 units per Net Acre/Erosion Hazard) on approximately 80 acres

The proposed project would also include three Changes in zone classifications as follows:

- Zone Change Case No. 157, Map No. 231 from the existing zone district E(2 ½) RS FPS to A FPS on approximately 440 acres

- Zone Change Case No. 43, Map No. 232 from the existing zone district E(5) RS FPS to A FPS on approximately 330 acres and from existing zone district E(2 ½) RS FPS to A FPS on approximately 96

- Zone Change Case No. 18, Map No. 233 from the existing zone district (E5) RS FPS to A FPS on approximately 71 acres

Four Conditional Use Permits to allow for the construction and operation of four solar facilities with a total generating capacity of approximately 154 MW of renewable energy, including up to 200 MW of energy storage (for all sites)and one CUP for a communication tower, within the A (Exclusive Agriculture) zone district (in Zone Maps 231, 232, and 233) pursuant to Section 19.12.030.G of the Kern County Zoning Ordinance would be required for the proposed project as follows:

- CUP Area 1 (solar and energy storage)
    - Conditional Use Permit No. 120, Map No. 231 for 70.99 acres
- CUP Area 2 (solar and energy storage)
    - Conditional Use Permit No. 40, Map No. 232 for 240.58 acres
- CUP Area 3 (solar and energy storage)
    - Conditional Use Permit No. 46, Map No. 232 for 541.16 acres

- CUP Area 4 (solar and energy storage)
    - Conditional Use Permit No. 16, Map No. 233 for 439.26 acres
- Telecommunication Tower
    - Conditional Use Permit No. 44, Map No. 232

The project proposes to remove future road reservations shown in the Willow Springs Specific Plan Circulation Element along a portion of the East/West and North/South midsection line of Section 21, T9N R14W within the project boundaries. The proposed Circulation Element future road reservations to be removed are shown in *Figure 11: Proposed Future Road Reservations to be Removed from the Willow Springs Specific Plan Circulation Element.* The project includes a Specific Plan Amendment to the Circulation Element of the Willow Springs Specific Plan as follows:

- Specific Plan Amendment No. 31, Map No. 232

Figure 2, Project Site Boundaries, shows the boundaries of the proposed project. With the requested zone change, the project would be zoned A FPS (Exclusive Agriculture, Flood Plain Secondary) within Zone Maps 231, 232, and 233. Therefore, pursuant to Chapter 19.12.030.G, CUPs are required to allow for the construction and operation of the PV solar facility under this zoning.

The power generated on the project site would assist the State in complying with the Renewables Portfolio Standard under Senate Bill 350, which requires that by December 31, 2030, 50 percent of all electricity sold in the State shall be generated from renewable energy sources. The power generated on the project site would be sold to California investor-owned utilities, municipalities, community choice aggregators, or other purchasers in furtherance of the goals of the California Renewable Energy Portfolio Standard. The proposed project has an anticipated operational life of over 30 years. At the end of the project's operational term, the project proponent would determine whether the project site should be decommissioned and deconstructed or if they would seek an extension of the project's CUPs. If any portion of the project site is decommissioned, it would be converted to other uses in accordance with the applicable land use regulations in effect at that time.

1.4. Project Facilities, Construction, and Operations

Project Facilities

The combined project facilities would include the following components, which are described in greater detail thereafter:

- Solar PV panels;
- Inverters, combiners, and transformers;
- Battery Energy Storage System (BESS) facility;
- Up to 4 substations;
- Overhead and buried conductors;
- Onsite medium-voltage collection lines;

- Generation tie (gen-tie) line;
- Permanent, onsite, unpaved access roads;
- Telecommunications system and tower;
- Operations and Maintenance (O&M) Building facility;
- Security fencing;
- Stormwater retention basins;
- Temporary construction laydown areas, equipment, and structures.

Solar Array

The proposed project would utilize PV solar panels on mounting frameworks to convert sunlight directly into electricity. Individual panels would be installed on either fixed-tilt or tracker mount systems. If the panels are configured for fixed-tilt, the panels would be oriented toward the south. For tracking configurations, the panels would rotate to follow the sun over the course of the day. Maximum panel height is anticipated to be up to 14 feet high, depending on the mounting system selected and on County building codes.

The solar array fields would be arranged in groups called "blocks" with inverter stations generally located centrally within the blocks. Blocks would produce direct electrical current (DC), which is converted to alternating electrical current (AC) at the inverter stations.

Each PV module would be placed on a fixed-tilt or tracker mounting structure. The foundations for the mounting structures can extend up to 10 feet below ground, depending on the structure, soil conditions, and wind loads, and may be encased in concrete or utilize small concrete footings. A light-colored ground cover or palliative may be used to increase electricity production. Final solar panel layout and spacing would be optimized for project area characteristics and the desired energy production profile. *Figures 12 to 15, Site Plans,* show the proposed layout of the solar panels within the respective CUP Areas.

Collection, Inverter, and Transformer Systems

Photovoltaic energy is delivered via cable to inverter stations, generally located near the center of each block. Inverter stations are typically comprised of one or more inverter modules with a rated power of up to 5 MW each, a unit transformer, and voltage switch gear. The unit transformer and voltage switch gear are housed in steel enclosures, while the inverter module(s) are housed in cabinets. Depending on the vendor selected, the inverter stations may lie within an enclosed or canopied metal structure, typically on a skid or concrete mounted pad.

Energy Storage System

The proposed project would include a Battery Energy Storage system (BESS) component. The approximately 200 MW BESS would consist of a series of batteries housed within the inverter pads or in separate storage containers. If the BESS is centrally located, it would be contained within an outdoor-rated steel enclosure. If distributed throughout the solar array, the BESS would be contained within metal housings at each of the equipment pads and electrically connected to the inverters. The containers would

be set on a concrete or steel pile foundation and would be approximately 8 feet wide by 10 feet long by 10 feet high. Collectively, the battery storage component would have a total footprint of a maximum 20 acres. The BESS and associated infrastructure would be located on one of the parcels within the project site.

The BESS would use one of several commercially available lithium ion (Li-ion) technologies, though alternatives may be considered (such as flow batteries) due to the rapidly changing technology in the battery industry. In general, a Li-ion battery is a rechargeable type of battery consisting of three major functional components: a positive electrode made from metal oxide, a negative electrode made from carbon, and an electrolyte made from lithium salt. Lithium ions move from negative to positive electrodes during discharging and in the opposite direction when charging. There are five major Li-ion battery sub chemistries that are commercially available, including: lithium nickel cobalt aluminum, lithium nickel manganese cobalt, lithium manganese oxide, lithium titanate oxide, and lithium-iron phosphate. Selection of the Li-ion subchemistry for the Project would take into consideration various technical factors, including safety, life span, energy performance, and cost.

The proposed BESS would be designed, constructed, operated, and maintained in accordance with applicable industry best practices and regulatory requirements, including compliance with the latest National Fire Protection Association (NFPA) fire safety codes and fire rating in conformance with Kern county standards.

Substation(s)

Up to four substations across the CUP Areas could be constructed to support the 154MW project. The substations (which contain high-voltage equipment) would be unenclosed, occupy an area of approximately 250 feet by 250 feet each, and be protected with security fences. The electrical equipment inside the substation fence would have a maximum height of approximately 100 feet. A small one-story, rectangular control building, housing the communication and supervisory control and data acquisition (SCADA) equipment, would also be located in the substation footprint. For substations located in CUP Areas 2, 3, and 4, an underground or overhead gen-tie line would be constructed to connect each solar area to the existing central Teddy substation. For the substation located in CUP Area 1, a dedicated overhead gen-tie line connecting the substation to the Whirlwind substation would be constructed. The final location(s) of the substations within the CUP Areas would be determined before issuance of building permits.

Generation Tie Line

From the proposed project's substation(s), power could be transmitted to the existing privately-owned Teddy substation and/or the SCE Whirlwind Substation via up to 230 kV overhead and/or underground line(s); refer to *Figure 2, Project Site Boundaries,* which shows the possible gen-tie line alignments. If aboveground, the overhead lines would be mounted on either tubular steel monopoles or lattice structures up to 140 feet in height. Alternatively, the proposed project could transmit its power to the Teddy or SCE Whirlwind Substation via an existing 230-kV line as a result of a shared facilities agreement the project proponent is exploring. A franchise and/or encroachment agreement with Kern County along affected County roadways may ultimately be required for portions of the transmission line.

Operations and Maintenance Facilities

The proposed project would include an O&M building measuring approximately 100 feet by 50 feet, a communications building measuring approximately 20 feet x 30 feet, and a parking area. The O&M

building would include office and storage space for spare parts and materials for the day-to-day operations and maintenance of the facility.

Onsite Meteorological Station

The project would include an on-site solar meteorological station located near the O&M building, which would consist of solar energy (irradiance) meters, as well as an air temperature sensor and wind anemometer. Wind anemometer towers may be located within the array at strategic locations or near the fence line. The wind anemometer would have an estimated height of approximately 30 feet, the maximum proposed equipment height.

Site Access and Security

The project site would be accessed from various existing area roadways. Construction traffic would access the project site from Avenue A. Other roads used during construction include Rosamond Boulevard, Avenue D, Astoria Avenue, Gaskell Road, Holiday Avenue, Willow Avenue, Kingbird Avenue,100th Street West, 130th Street West, 140th Street West, and 170th Street West. Improvements to off-site access roads would be completed as required by County standards.

Chain link fencing with three-strand barbed wire strung one foot from the top of the fence would be installed along the perimeter of the project site. Access gates would be installed at each project site entry point and may be motorized. Additional security may be provided through remote controlled cameras. For each of the sites, interior roadway alignments would be finalized once placement of the solar panels is determined and would be influenced by topographical, biological, or cultural resource determinations, or other site conditions. Where on-site access roads may cross streambed areas under the jurisdiction of the California Department of Fish and Wildlife, crossings would be designed to minimize or avoid any impacts to such jurisdictional resources and in compliance with California Fish and Game Code requirements, including authorization through a Streambed Alteration Agreement as appropriate.

Stormwater Management

To control surface runoff, a series of retention and or infiltration basins, berms or channels may be constructed. These retention features would be designed to retain storm water on site to infiltrate into the soil within a reasonable amount of time. The design of the retention basins would meet all Kern County codes.

Project Site Lighting

Manual, timed, and/or motion sensor lights would be installed at equipment pads for maintenance and security purposes. Nighttime lighting would provide O&M personnel with illumination for both normal and emergency operating conditions. The minimum illumination needed to ensure worker safety and security on-site would be provided. All nighttime lighting installed would be shielded and directed downward to minimize the potential for glare or spillover onto adjacent properties as required by Kern County Ordinance (Chapter 19.81) - Outdoor Lighting-Dark Skies requirements.

Construction Activities

The construction period for the proposed project is anticipated to commence in the 3rd quarter of 2022 and last for approximately 12 months.

Construction of the proposed project would include the following activities:

- Site preparation
- Access and internal circulation roads
- Grading and earthwork
- Panel installation
- Concrete foundations
- Structural steel work
- Electrical/instrumentation work
- Collector line installation
- Stormwater management facilities
- Architecture and landscaping

Schedule and Workforce

Construction traffic would access the project site from Avenue A. Other roads used during construction include Rosamond Boulevard, Avenue D, Astoria Avenue, Gaskell Road, Holiday Avenue, Willow Avenue, Kingbird Avenue,100th Street West, 130th Street West, 140th Street West and 170th Street West. An average of 120 workers per day is anticipated to be required during construction of the proposed project. During the peak construction period up to approximately 630 workers may be on the project site. Peak construction is anticipated to last for approximately 3 months.

Construction is generally anticipated to occur between during daylight hours, roughly between 6:00 am and 5:00 pm, Monday through Friday. Additional hours, as permitted by the County, may be necessary to make up schedule deficiencies or to complete critical construction activities.

Construction materials and supplies would be delivered to the project site by truck. Truck deliveries would normally occur during daylight hours. It is anticipated that all materials and supplies will be stored on-site within the fenced project site boundaries. Storage containers may be used to house tools and other construction equipment. In addition, a temporary construction trailer would be located onsite during the course of construction.

Site Preparation, Earthwork and Construction Control Measures

Project construction for each CUP Area is expected to consist of two major stages: site preparation and array construction. The first stage would include light grading and establishing staging areas and on site access routes. The project site would be cleared and graded as needed to allow for the installation of the solar arrays, energy storage facilities, related infrastructure, access driveways, and temporary construction staging areas. Sediment and erosion controls would be installed in accordance with an approved Storm Water Pollution Prevention Plan (SWPPP). Site preparation would also be consistent with Kern County Best Management Practices (BMPs) and Eastern Kern Air Pollution Control District rules for dust control.

Earthmoving activities are expected to be limited to the construction of the internal access roads, solar panel arrays, the O&M building(s), substations, energy storage systems, gen-tie lines, and for storm water protection or storage (detention) facilities. Final grading may include revegetation with low lying grass or applying earth-binding materials to disturbed areas. However, as the project site is relatively flat, minimal if any grading is anticipated.

Dust-minimizing techniques, such as maintaining natural vegetation where possible, use of mow-and-roll vegetation clearing, placement of wind control fencing, application of water, and/or application of dust suppressants would be implemented as needed. Project grading would be minimized to the extent feasible to reduce unnecessary soil movement that may result in dust generation. Water trucks, bulldozers, front end loaders, graders, roller compactors, backhoes, and excavators may all be used in site preparation. On site roads would be constructed with a scarified and compacted subgrade. Roads may be additionally compacted to 90 percent or greater, as required, to support construction and emergency vehicles. Certain access roads may also require the use of aggregate to meet emergency access requirements. No importing or exporting of materials would be necessary. Grading includes approximately 273,600 CY of cut / 267,600 CY fill. Additionally, on-site trenching for the placement of underground electrical and communication lines would occur.

Noise-generating construction activities would be limited to construction hours allowed by the County's noise ordinance. All stationary construction equipment that may result in excessive noise or vibration levels would be operated away from sensitive noise receptors to the extent feasible. Construction activities would occur such that maximum noise levels at affected sensitive noise receptors (i.e., rural residential uses) would not exceed the County's adopted noise threshold levels.

Applicable local, state, and federal requirements and best management practices (BMPs) would be implemented during the construction phase. Consistent with the County zoning ordinance and with guidelines provided in the California Stormwater Quality Association's Construction Best Management Practice Handbook, BMPs would be implemented, including preparation of a Stormwater Pollution and Prevention Plan (SWPPP) and a soil erosion and sedimentation control plan to reduce the potential for erosion and to minimize effects on stormwater quality. Stabilized construction entrances and exits would be installed at the entrances to each site to reduce the tracking of sediment onto adjacent public roadways.

Additionally, site preparation would occur in conformance with County BMPs and Eastern Kern Air Pollution Control District rules for dust control.

Construction Water Use

Water would be required during the construction phase for such activities as dust suppression, soil compaction, and grading. Smaller quantities would be required for preparation of the concrete required for foundations and other minor uses. Water usage during construction, primarily for dust-suppression purposes, is not expected to exceed 450 acre-feet over the 12 month construction phase. Bottled water would be provided to the construction workers. Additionally, on-site restroom facilities for the construction workers would be provided by portable units to be serviced by licensed providers; no connection to a public sewer system is required for project construction, and therefore, water for such purposes is not required.

It is anticipated that water would be delivered via truck from an off-site source within the project vicinity. RMR Water has provided a will-serve letter indicating their ability to provide sufficient water during the construction of the project.

Electrical Supply

The method of temporary power for construction is expected to be provided by mobile diesel-driven generator sets, batteries, by temporary electrical service from a local provider, or a combination of all three methods.

Project Operation and Maintenance Activities

Once the proposed project is constructed, maintenance would generally be limited to the following:

- Cleaning of PV panels
- Monitoring electricity generation
- Providing site security
- Facility maintenance – replacing or repairing inverters, wiring, and PV modules

Schedule and Workforce

During the operational phase, the proposed project would employ up to two full-time equivalent (FTE) personnel (or personnel hours totaling two FTE positions) who would commute to the site.

The facility would operate seven days a week, 24 hours a day, generating electricity during normal daylight hours when the solar energy is available. Maintenance activities may occur seven days a week, 24 hours a day to ensure PV panel output when solar energy is available.

Water Usage

Water demand for panel washing and O&M domestic use (sinks, lavatories, landscape irrigation, drinking) is not expected to exceed 18 acre-feet per year. It is estimated that the panels could be washed on average up to four times per year. Water is anticipated to delivered via truck or pipeline from an off-site source within the project vicinity. A Will Serve letter has been obtained from a private local water purveyor, indicating his capacity and willingness to provide water for construction and operation of the proposed project.

Electrical Supply

Power for plant auxiliaries would be provided by the project's electrical generation or supplied by the local power provider. The proposed project would require power for the O&M facilities, electrical enclosures, tracker motors, associated structures, and for plant lighting and security.

Project Features and Best Management Practices

The following sections describe standard project features and best management practices that would be applied during construction and long-term operation of the project to maintain safety and minimize or avoid environmental impacts.

Waste and Hazardous Materials Management

The proposed project would have minimal levels of materials on-site that have been defined as hazardous under 40 CFR, Part 261. The following materials are expected to be used during the construction, operation, and long-term maintenance of the proposed project:

- Diesel fuel, gasoline and motor oil – used for vehicles
- Mineral oil - to be sealed within the transformers
- Various solvents/detergents – equipment cleaning
- Lead acid-based and/or lithium ion batteries – used for emergency backup

Hazardous materials and wastes will be managed, used, handled, stored, and transported in accordance with applicable local and State regulations. All hazardous wastes will be maintained at quantities below the threshold requiring a Hazardous Material Management Program (HMMP) (one 55 gallon drum). Though not expected, should any on-site storage of hazardous materials exceed one 55-gallon drum, an HMMP would be prepared and implemented.

Spill Prevention and Containment

Spill prevention and containment for construction and operation of the proposed project will adhere to the Environmental Protection Agency's (EPA) guidance on Spill Prevention Control and Countermeasures (SPCC).

Wastewater/Septic System

A standard on-site septic tank and leach field would be used at the O&M building(s) to dispose of sanitary wastewater from sinks and lavatories, designed to meet operation and maintenance guidelines required by Kern County laws, ordinances, regulations, and standards.

Inert Solids

Inert solid wastes resulting from construction activities may include recyclable items such as paper, cardboard, solid concrete and block, metals, wire, glass, type 1-4 plastics, drywall, wood, and lubricating oils. Non-recyclable items include insulation, other plastics, food waste, vinyl flooring and base, carpeting, paint containers, packing materials, and other construction wastes. A Construction Waste Management Plan will be prepared for review by the County. Consistent with local regulations and the California Green Building Code, the Plan would provide for diversion of a minimum of 50 percent of construction waste from landfills.

Chemical storage tanks (if any) would be designed and installed to meet applicable local and state regulations. Any wastes classified as hazardous such as solvents, degreasing agents, concrete curing compounds, paints, adhesives, chemicals, or chemical containers will be stored (in an approved storage facility/shed/structure) and disposed of as required by local and state regulations. Material quantities of hazardous wastes are not expected.

Health and Safety

Safety precautions and emergency systems will be implemented as part of the design and construction of the proposed project to ensure safe and reliable operation. Administrative controls will include classroom and hands-on training in operating and maintenance procedures, general safety items, and a planned maintenance program. These will work with the system design and monitoring features to enhance safety and reliability.

The proposed project will have an Emergency Response Plan (ERP). The ERP will address potential emergencies including chemical releases, fires, and injuries. All employees will be provided with communication devices, cell phones, or walkie-talkies, to provide aid in the event of an emergency.

Decommissioning

Solar equipment typically has a lifespan of over 30 years. The proposed project expects to sell the renewable energy produced by the project under the terms of a long-term Power Purchase Agreement (PPA) with a utility or other power off taker. Upon completion of the PPA term, the project operator may, at its discretion, choose to enter into a subsequent PPA or decommission and remove the system and its components. Upon decommissioning, the solar facility could be converted to other uses in accordance with applicable land use regulations in effect at that time.

It is anticipated that, during project decommissioning, project structures that would not be needed for subsequent use would be removed from the project site. Above-ground equipment that may be removed would include module posts and support structures, on-site transmission poles that are not shared with third parties and the overhead collection system within the project site, inverters, transformers, electrical wiring, equipment on the inverter pads, and related equipment and concrete pads.

Project roads would be restored to their pre-construction condition unless the landowner elects to retain the improved roads for access throughout that landowner's property. The project site would be thoroughly cleaned and all debris removed. Most materials would be recycled to the extent feasible, with minimal disposal to occur in landfills in compliance with all applicable laws. A collection and recycling program would be executed to promote recycling of project components and minimize disposal of project components in landfills. All decommissioning and restoration activities would adhere to the requirements of the appropriate governing authorities and in accordance with all applicable federal, State, and County regulations. The project proponent expects a secondary market for PV modules to develop over time. Although energy output may diminish, PV modules are expected to continue to have a productive life and can be decommissioned from a prime location or re-commissioned in another location.

1.5. Project Objectives

The project proponent has defined the following objectives for the project:

- Assist the State of California in achieving or exceeding its Renewable Portfolio Standard (RPS), Senate Bill 350, Senate Bill 100, and the California Global Warming Solutions Act (Assembly Bill 32) and greenhouse gas emissions reduction objectives by developing and constructing new California RPS-qualified, solar power generation facilities producing approximately 154 MW.

- Develop a commercially viable solar power generation and battery storage facility that would support the economy by investing in the local community, creating local construction jobs, and increase tax and fee revenue to the County.
- Assist California in reducing its greenhouse gas (GHG) emissions as required by the California Global Warming Solutions Act.
- Provide a new source of energy storage that assists the state in achieving or exceeding its energy storage mandate (Assembly Bill 2514).
- Produce and transmit electricity at a competitive cost.
- Assist the County in achieving the goal in the Energy Element of its General Plan to develop large-scale solar energy development as a major energy source in the County.

1.6. Proposed Discretionary Actions/Required Approvals

The anticipated approvals needed for the project include changes in zone classification, adoption of conditional use permits, and a specific plan amendment to the Circulation Element of the Willow Springs Specific Plan. Construction and operation of the proposed solar energy facility may require additional local, State, and Federal entitlements; as well as discretionary and ministerial actions and approvals including, but not limited to, below:

County of Kern

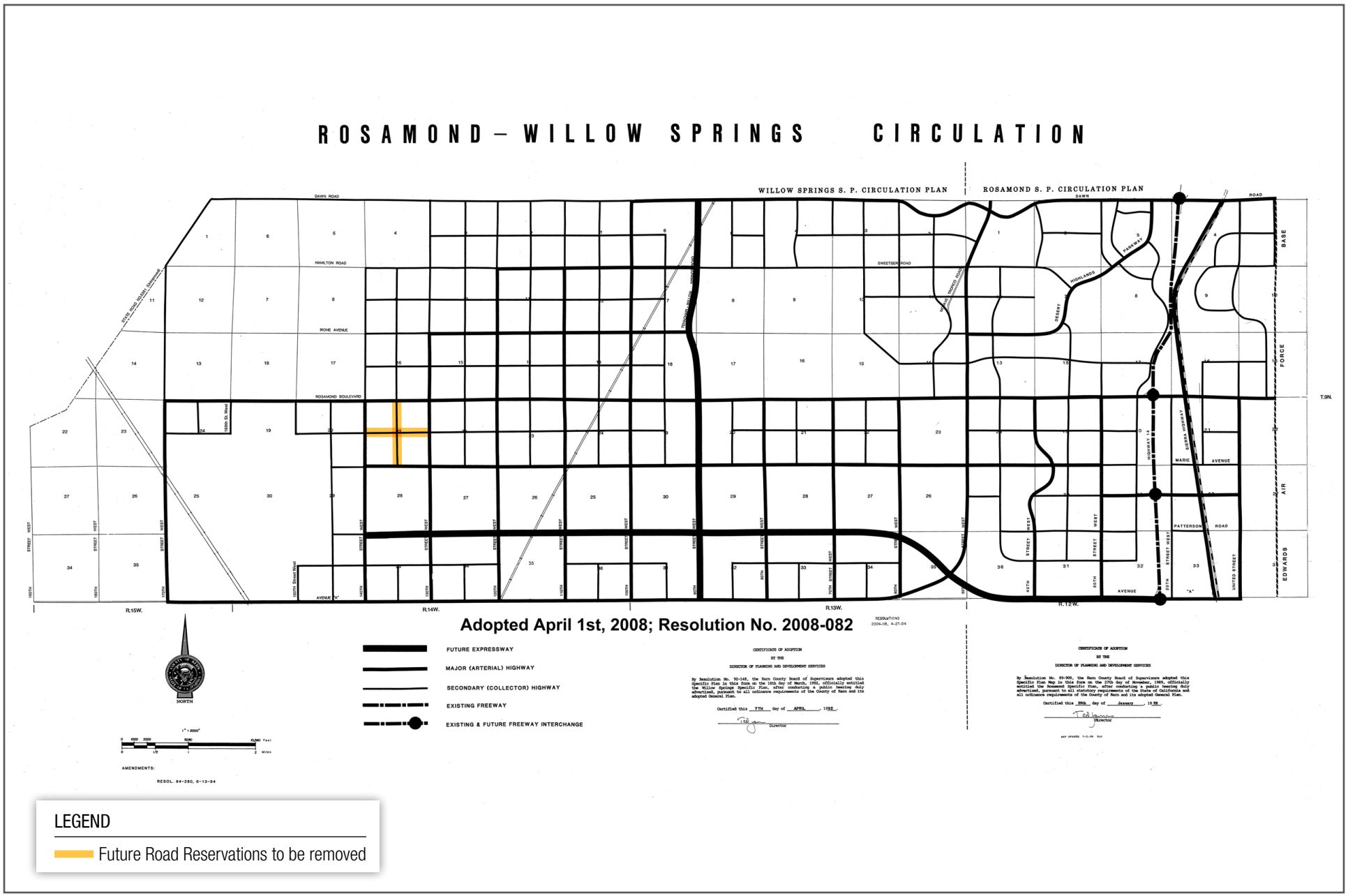
- Consideration and certification of Final EIR
- Adoption of 15091 Findings of Fact and 15093 Statement of Overriding Considerations
- Adoption of proposed Mitigation Measure Monitoring Program
- Approval by the Kern County Board of Supervisors for proposed changes in zone classification
- Approval by the Kern County Board of Supervisors for proposed conditional use permits for the project site
- Approval by the Kern County Board of Supervisors for proposed Specific Plan Amendments to the Circulation Element
- Kern County grading and building permits
- Kern County encroachment permits
- Kern County Franchise Agreements
- Kern County public road(s) and easement(s) vacation(s) (if required)
- Kern County Fire Safety Plan

Other Responsible Agency Approvals

- U.S. Fish and Wildlife Service Habitat Conservation Plan (if required)

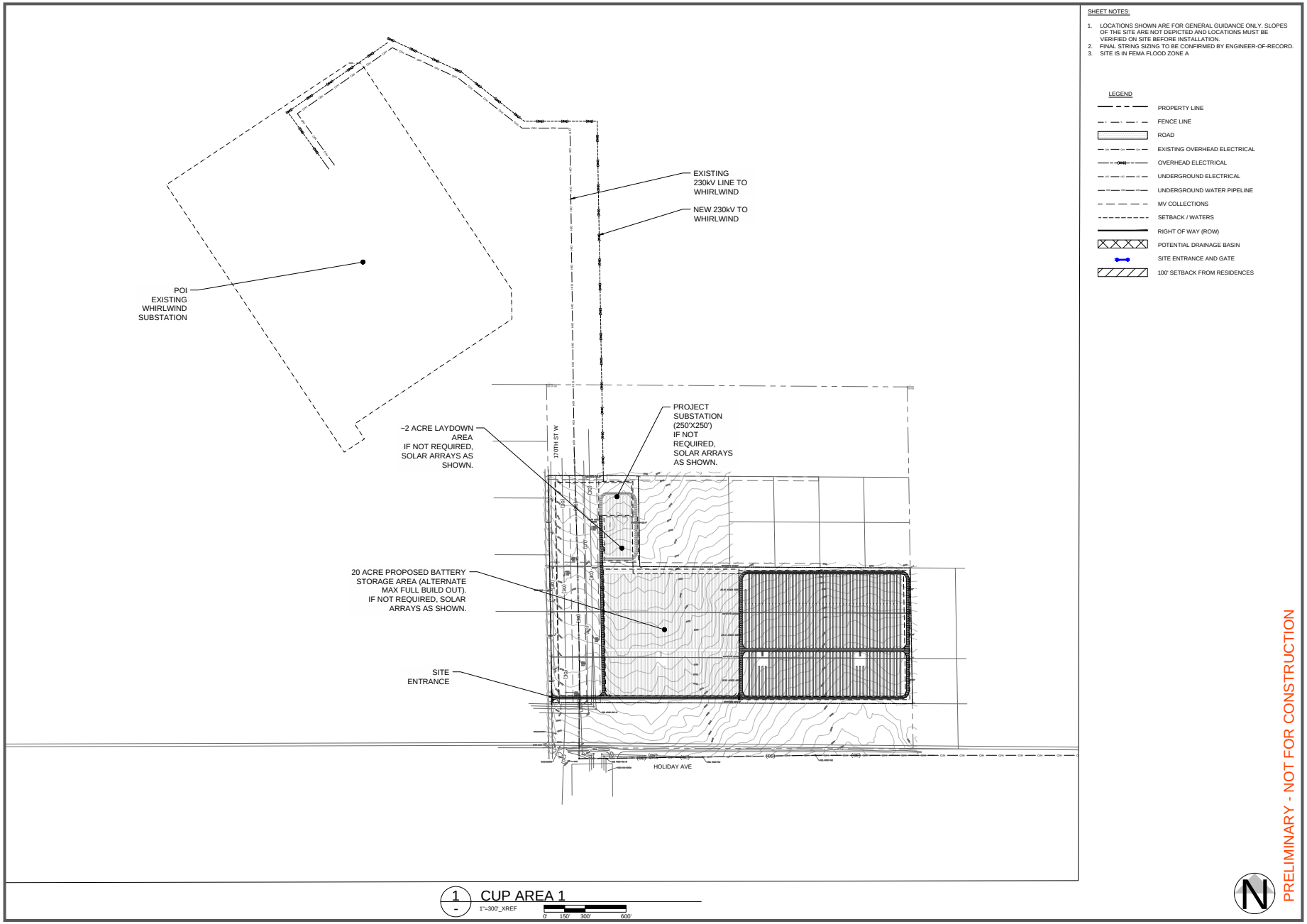
- California Department of Fish and Wildlife (CDFW), Lake and Streambed Alteration Agreement or Incidental Take Permit or Habitat Conservation Plan (if required)
- State Water Resources Control Board – National Pollutant Discharge Elimination System Construction General Permit
- California Department of Transportation Right-of-Way Encroachment Permit, and Permit for Transport of Oversized Loads
- Eastern Kern County Air Pollution Control District Authority to Construct/Permit to Operate/Fugitive Dust Control Plan

The preceding discretionary actions/approvals are potentially required and do not necessarily represent a comprehensive list of all possible discretionary permits/approvals required. Other additional permits or approvals from responsible agencies may be required for the proposed project.



Source: Willow Springs Specific Plan, 2008

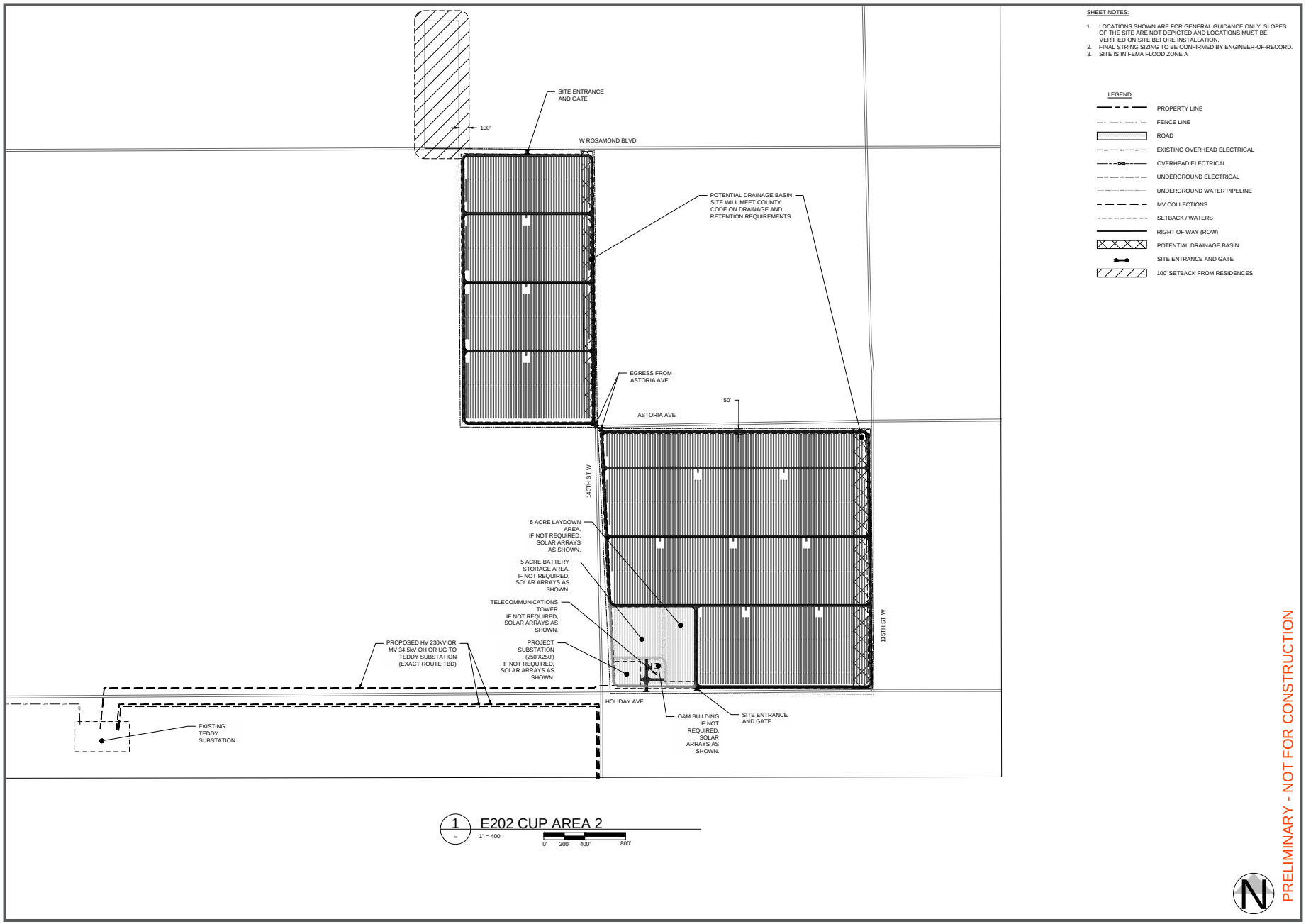
FIGURE 11: Proposed Future Road Reservations to be Removed from the Willow Springs Specific Plan Circulation Element



Source: REVAMP Engineering, 2021

FIGURE 12: CUP 1 Site Plan

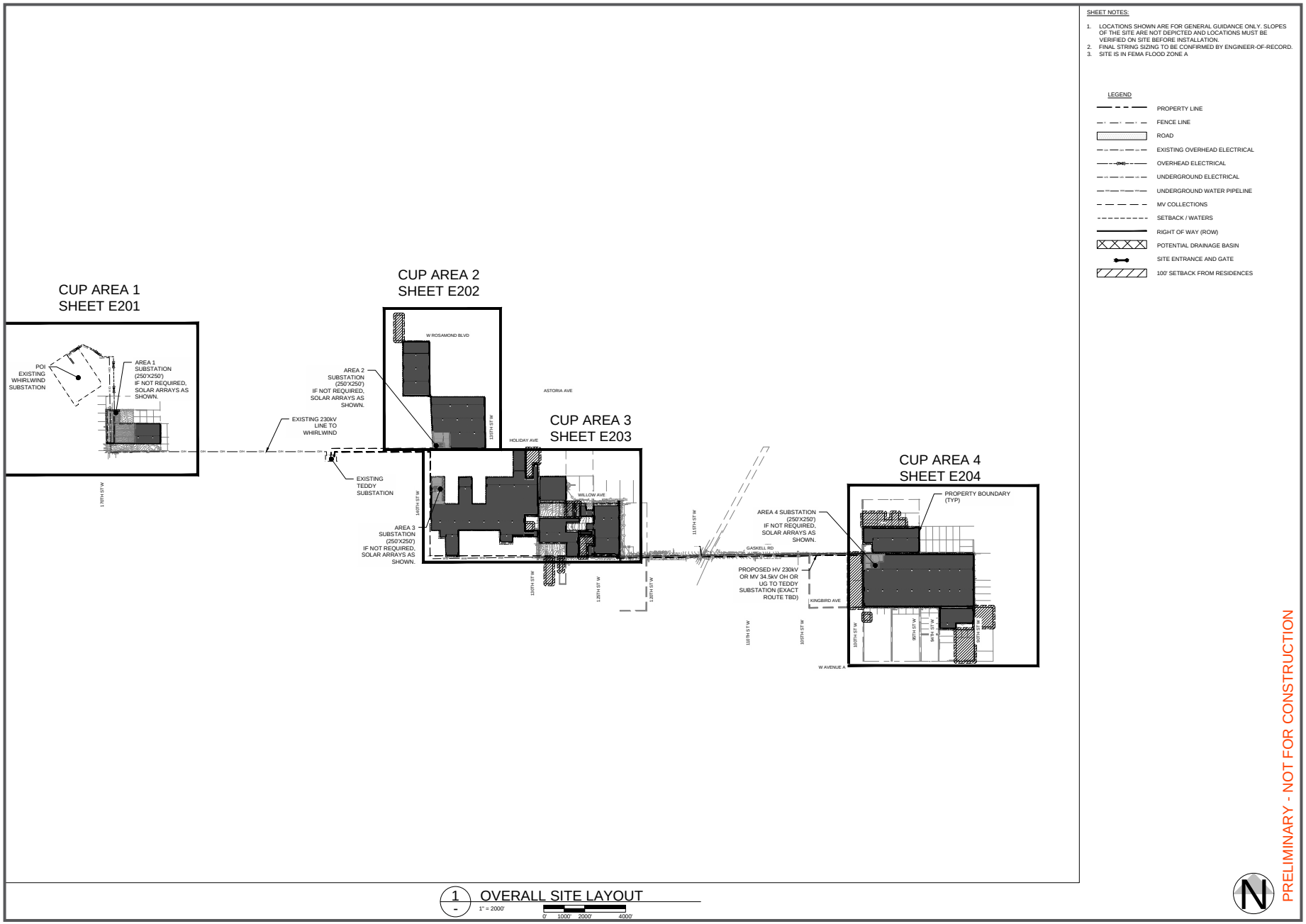
Rosamond South Solar Project



Source: REVAMP Engineering, 2021

FIGURE 13: CUP 2 Site Plan

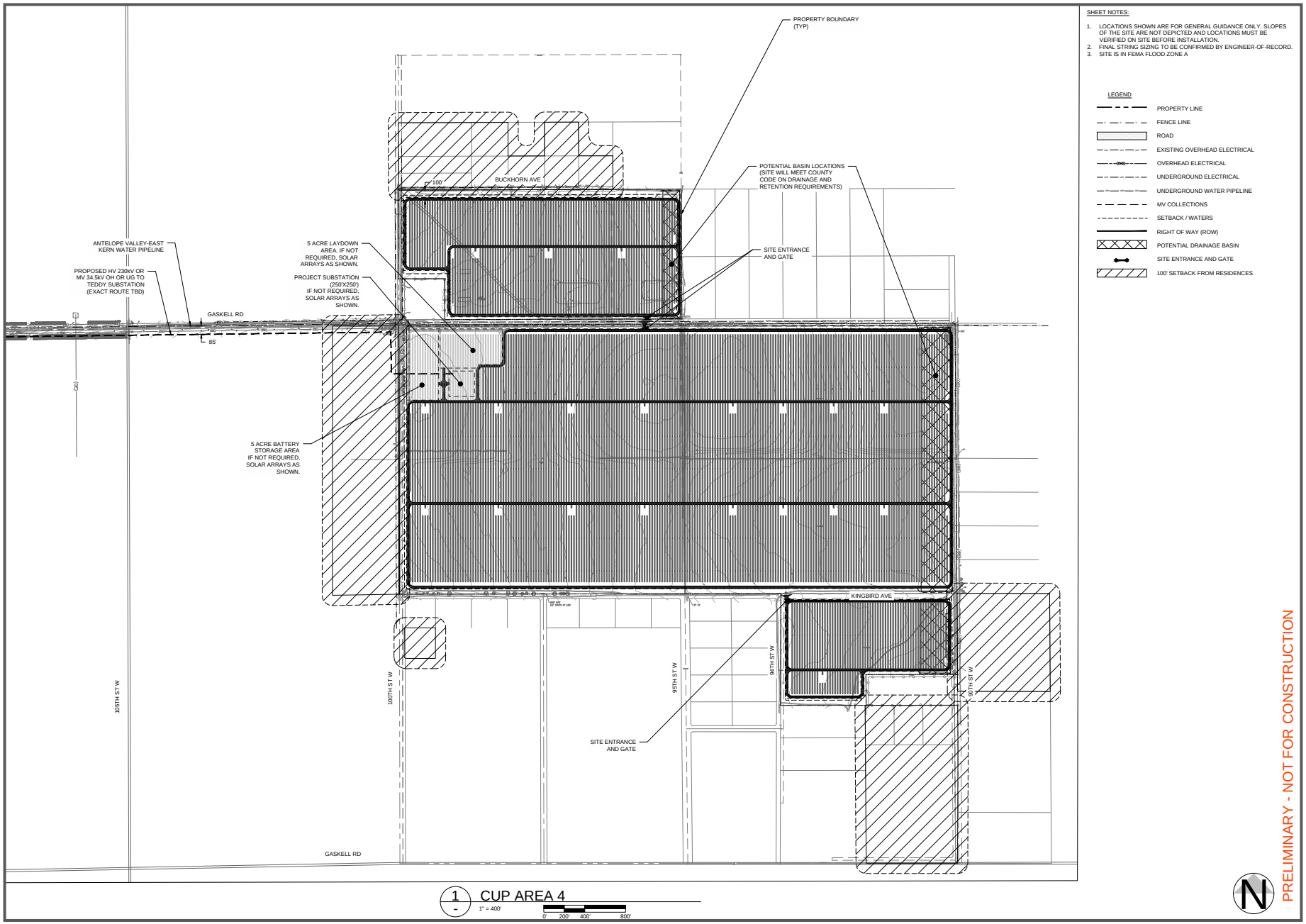
Rosamond South Solar Project



Source: REVAMP Engineering, 2021

FIGURE 14: CUP Site Plan

Rosamond South Solar Project



Source: REVAMP Engineering, 2021

FIGURE 15: CUP Site Plan

Rosamond South Solar Project

2. Kern County Environmental Checklist Form

2.1. Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "potentially significant impact" as indicated by the Kern County Environmental Checklist on the following pages.

☒	Aesthetics	☒	Agricultural and Forestry Resources	☒	Air Quality
☒	Biological Resources	☒	Cultural Resources	☒	Energy
☒	Geology and Soils	☒	Greenhouse Gas Emissions	☒	Hazards and Hazardous Materials
☒	Hydrology and Water Quality	☒	Land Use and Planning	☐	Mineral Resources
☒	Noise	☐	Population and Housing	☒	Public Services
☐	Recreation	☒	Transportation and Traffic	☒	Tribal Cultural Resources
☒	Utilities/Service Systems	☒	Wildfire	☒	Mandatory Findings of Significance

2.2. Determination

(To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☒ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (a) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (b) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENT IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature: _____ Date: _____

Printed Name: _____ Title: _____

3. Evaluation of Environmental Impacts

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

4. Negative Declaration: "Less than Significant with Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less-than-Significant Impact." The lead agency must describe the mitigation measure and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).

5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration, Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:

    a. Earlier Analysis Used. Identify and state where they are available for review.

    b. Impacts Adequately Addressed. Identify which effects from the above checklist where within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.

    c. Mitigation Measures. For effects that are "Less than Significant with Mitigation Incorporated," describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.

9. The explanation of each issue should identify:

    a. The significance criteria or threshold, if any, used to evaluate each question; and

    b. The mitigation measure identified, if any, to reduce the impact to a less than significant level.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

I. Aesthetics

Would the project:

a.	Have a substantial adverse effect on a scenic vista?	☒	☐	☐	☐
b.	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c.	In nonurbanized areas, substantially degrade the existing visual character or quality of the site and its surroundings? (Public views are those that are experienced from public accessible vantage points) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☒	☐	☐	☐
d.	Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?	☒	☐	☐	☐

RESPONSES:

(a) The project is located in a sparsely developed, rural area of Kern County. Land uses in the project area included a mix of undeveloped land, solar and wind energy production facilities, transmission facilities, and rural residential development. The project site is not located within an area designated for or identified as having a scenic vista or scenic views. According to the California Department of Transportation (Caltrans) California Scenic Highway Mapping System, the closest eligible State scenic highway is State Route (SR) 14 located near the community of Mojave approximately 18 miles northeast of the project site. Although the project site is not located within an area identified as having a scenic vista or scenic views or within view of a designated or eligible State scenic highway, the project would substantially change views from public roads and impacts may occur and will be further analyzed in the EIR.

(b) As described in (a), above, the closest eligible State scenic highway is SR 14 near the community of Mojave located approximately 18 miles northeast of the project site. Because of this distance, the project would not be visible from SR 14. Therefore, there are no anticipated project impacts to scenic resources within a state scenic highway. No further analysis in the EIR is required

(c) The aesthetic features of the existing visual environment within the project site are relatively uniform, with natural desert vegetation and active and fallowed agricultural land. The project area is composed of a mix of undeveloped land, agricultural land, rural residential development, as well as existing solar and wind electrical generation facilities and transmission infrastructure. Desert vegetation and agricultural fields dominate the project site, project area, and the region. Due to the relatively flat

topography of the project area and low height of the PV solar arrays proposed, visual impacts as a result of the project would be limited to the small number of persons traveling along nearby roads such as Rosamond Boulevard. Views of the proposed project would also be experienced from the scattered residences located in the project area. Placement of the PV solar panels and associated structures on the project site would alter the existing character of the area. Residents and travelers on adjacent roads would observe alterations to the existing landscape. Changes to the visual quality and character of the project site may be significant and impacts will, therefore, be further evaluated in the EIR.

(d) The project site is generally undeveloped desert or agricultural land and does not generate a source of light or glare. The project area contains scattered rural residential development as well as existing permitted solar and wind electrical generation facilities and transmission infrastructure. The existing residences in the project vicinity generate a minimal to moderate amount of light, primarily from building or outdoor lighting. The PV modules of the surrounding arrays and those proposed by the project are designed to absorb sunlight to maximize electrical output; therefore, they are not expected to create significant reflective surfaces or the potential for glint/glare during the day. The lighting of the proposed project would be designed to provide the minimum illumination needed to achieve safety and security objectives and would be directed downward and shielded to focus any illumination on the desired areas only to minimize light trespass. All lighting at the proposed solar facility would be designed to meet Kern County Zoning Ordinance Chapter 19.81 - Outdoor Lighting - Dark Skies requirements. However, further analysis of the specific lighting proposed and the potential effects of light and glare from the proposed project will be provided in the EIR.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
II.	**Agriculture and Forest Resources**				
	Would the project:				
a.	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to nonagricultural use?	☐	☐	☐	☒
b.	Conflict with existing zoning for agricultural use or a Williamson Act Contract?	☐	☐	☒	☐
c.	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d.	Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e.	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☒	☐	☐	☐
f.	Result in the cancellation of an open space contract made pursuant to the California Land Conservation Act of 1965 or Farmland Security Zone Contract for any parcel of 100 or more acres (Section 15205(b)(3) Public Resources Code)?	☐	☐	☐	☒

RESPONSES:

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and the forest carbon measurement methodology provided in the Forest Protocols adopted by the California Air Resources Board.

(a) According to the California Department of Conservation (DOC) Farmland Mapping and Monitoring Program (FMMP) 2018 Important Farmland map for east Kern County, there are no agricultural lands designated as Prime Farmland, Unique Farmland, Unique Farmland, or Farmland of Statewide Importance located within the project site. CUP Areas 1, 2, and 3 are designated as Nonagricultural and Natural Vegetation and CUP Area 4 is designated as Grazing Land, Nonagricultural or Natural Vegetation, and Semi-Agricultural and Rural Commercial Land (DOC 2018). There are no lands designated as important farmland located within the project site (DOC, 2018). Therefore, construction and operation of the proposed project would not result in the conversion of designated farmland to a nonagricultural use and there would be no impact. No further analysis in the EIR is required.

(b) Zone changes are proposed to apply the AFPS zone district to parcels within the project site located on Zone Maps 231, 232, and 233, as detailed in *Table 1, Project Assessor Parcel Numbers, Existing Map Codes, Existing and Proposed Zoning, and Acreage*. According to the Kern County Zoning Ordinance, a commercial solar facility is a compatible use within the A zone district with a CUP. The construction and operation of a solar energy generating facility on the site would require the approval of multiple CUPs. Portions of the project site are located within Kern County Agricultural Preserve No. 24, however, these properties are currently classified as being in the E (Estate) zone district. The project site does not contain lands that are subject to Williamson Act contracts, either in active on in nonrenewal status. There are no lands under Williamson Act contracts adjacent to the project site or in the project area. As such, there would be no impacts to Williamson Act lands. Nevertheless, this issue will be further evaluated in the EIR.

(c) No lands that would be affected by the proposed project are zoned as forest land or timberland, or are used for timberland production. Therefore, the project would not conflict with the existing zoning for, or cause the rezoning of, forest land, timberland, or timberland zoned for timberland production. Therefore, there would be no impact and further analysis in the EIR is not required.

(d) The project site is not situated on forest or timberland and is not located adjacent to any such areas that are currently under production. There is no land in the vicinity of the project site that is zoned as forest land, timberland, or lands zoned for timberland production. Therefore, there would be no impact related to the loss of forest land or conversion of forest land to non-forest use. No further analysis is warranted in the EIR.

(e) As noted in response (a) above, the project site does not include lands that are in agricultural production. As discussed in responses (c) and (d) above, the project site does not contain any forest land nor is any forest land or timberland located within the project area. However, though commercial solar facilities are permitted in the A zone district with approval of a CUP, the project would install approximately 201 acres of solar arrays, thereby converting the use of the land to a non-agricultural use, on land zoned for agricultural use. Therefore, this issue will be further analyzed in the EIR.

(f) The project site is not subject to an open space contract made pursuant to the California Land Conservation Act of 1965 or the Farmland Security Zone Contract. As stated in response (a) above, the project site is not under a Williamson Act Contract. The project would, therefore, not result in the cancellation of an open space contract made pursuant to the California Land Conservation Act of 1965 or Farmland Security Zone Contract for any parcel of 100 or more acres (Section 15205(b)(3) Public Resources Code). No impact would occur, and no further evaluation is required in the EIR.

III. Air Quality

Where available, the significance criteria established by the applicable air quality management or air pollution control district shall be relied upon to make the following determinations. Would the project:

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
a.	Conflict with or obstruct implementation of the applicable air quality plan?	☒	☐	☐	☐
b.	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable federal or state ambient air quality standard? Specifically, would implementation of the project exceed any of the following adopted thresholds:				
	i. San Joaquin Valley Unified Air Pollution Control District:				
	Operational and Area Sources				
	Reactive organic gases (ROG): 10 tons per year.	☐	☐	☒	☐
	Oxides of nitrogen (NO_X): 10 tons per year.	☐	☐	☒	☐
	Particulate matter (PM_{10}): 15 tons per year.	☐	☐	☒	☐
	Stationary Sources - as Determined by District Rules				
	Severe nonattainment: 25 tons per year.	☐	☐	☒	☐
	Extreme nonattainment: 10 tons per year.	☐	☐	☒	☐
	ii. Eastern Kern Air Pollution Control District.				
	Operational and Area Sources				
	Reactive organic gases (ROG): 25 tons per year.	☒	☐	☐	☐
	Oxides of nitrogen (NO_X): 25 tons per year.	☒	☐	☐	☐
	Particulate matter (PM_{10}): 15 tons per year.	☒	☐	☐	☐
	Stationary Sources – as Determined by District Rules				
	25 tons per year.	☒	☐	☐	☐
c.	Expose sensitive receptors to substantial pollutant concentrations?	☒	☐	☐	☐
d.	Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

RESPONSES:

(a) The project site is located entirely within the jurisdiction of the Eastern Kern Air Pollution Control District (EKAPCD), in the Mojave Desert Air Basin (MDAB). The MDAB is designated as a nonattainment area for both the State and federal ozone standards and the state particulate matter (PM_{10}) standard. Project construction would generate emissions of reactive organic gases (ROG) and oxides of nitrogen (NO_X), both of which are known as ozone precursors, and PM_{10} that could result in significant impacts to air quality in the area.

EKAPCD's most recently adopted air quality management plan is its Ozone Air Quality Attainment Plan (AQAP). As the proposed project would generate emissions of ozone precursors (along with PM_{10}) during construction, the project could potentially conflict with EKAPCD's Ozone AQAP. Thus, further analysis of the project's air quality impacts is warranted to determine whether the project would conflict with or obstruct implementation of EKAPCD's applicable air quality plan for attainment and, if so, to determine the reasonable and feasible mitigation measures that could be imposed. These issues will be evaluated in the EIR.

(b) The proposed project is not located within the San Joaquin Valley Unified Air Pollution Control District and, therefore, its adopted thresholds do not apply. However, as noted in response (a) above, the project is located within the EKAPCD in the MDAB, which is designated as a nonattainment area for the State and federal ozone standards and the State PM_{10} standard. As such, the emissions of ozone precursors (ROG and NOx) and PM_{10} during construction and operation of the project could result in a cumulatively considerable net increase of these criteria pollutants in the MDAB. Thus, the project's contribution to cumulative air quality impacts in the MDAB could be potentially significant. The project's contribution of construction and operational emissions to the MDAB will be analyzed in the EIR.

(c) Sensitive receptors located in the project area are rural residential dwellings located at varying distances from the project site. The nearest sensitive receptors to the project site are single family residences located adjacent to the south of CUP Area 4 along Spur Ranch Road. Additional single-family residences are located approximately 1 mile east of the east side of CUP Area 4 along 80th Street W and adjacent to CUP Areas 2 and 3. Rosamond Park, a local park, is located approximately 7.2 miles northeast of the easternmost portion of the project site. The closest school to the project site is Tropico Middle School, located approximately 4 miles northeast of the project site. Nearby sensitive receptors could be exposed to pollutant emissions during construction of the proposed project. The proposed project's construction-related activities would result in diesel exhaust emissions and dust (also known as PM_{10}) that could adversely affect air quality for the nearest sensitive receptors.

Additionally, exposure to Valley Fever from fugitive dust generated during project construction is a potentially significant impact. There is the potential that cocci spores could be stirred up during excavation, grading, and earth-moving activities, exposing construction workers and nearby sensitive receptors to these spores and thereby to the possibility of contracting Valley Fever. Thus, impacts to sensitive receptors via exposure to substantial pollutant concentrations are considered potentially significant and will be evaluated further in the EIR.

(d) The project would not have any stationary sources or equipment located on-site that would generate objectionable odors. During construction activities, only short-term, temporary odors from vehicle exhaust and construction equipment engines would occur. These odors would be temporary and would be dispersed rapidly. Therefore, project impacts are expected to be less than significant; however, this issue will be further evaluated in the EIR.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

IV. Biological Resources

Would the project:

a.	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☒	☐	☐	☐
b.	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☒	☐	☐	☐
c.	Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☒	☐	☐	☐
d.	Interfere substantially with the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☒	☐	☐	☐
e.	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☒	☐	☐	☐
f.	Conflict with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

RESPONSES:

(a) The project site is located in the eastern high desert region of unincorporated Kern County in the Mojave Desert. The project site contains large areas of undeveloped but disturbed land. The dominant habitat types present within the project area are Annual Grassland, Desert Scrub, Alkali Desert Scrub, Barren, Urban, and Deciduous Orchard. There is a potential for candidate, sensitive, or special-status plant and wildlife species to be present on-site or in the project area. The findings of field surveys conducted to determine the presence of candidate, sensitive, or special-status plant and animal species on-site and in the surrounding area will be included in the EIR. Impacts to

biological resources and sensitive plant communities are considered potentially significant and will be analyzed in the EIR.

(b) The project site is undeveloped and comprised of desert scrub vegetation communities and active and fallow agricultural land. The USFWS does not identify any critical habitats within or adjacent to the project site. The nearest critical habitat is located approximately 14 miles west of the project site in the Tehachapi Mountains. This habitat is for the California condor (*Gymnogyps californianus*). Field surveys for riparian and other sensitive natural communities, including a biological assessment and jurisdictional delineation, will be completed for the proposed project and the results will be incorporated into the EIR. Additionally, protocol surveys, soils characterization, and hydrologic analysis will be prepared for the project. Impacts to riparian or other sensitive natural communities as a result of the proposed project are considered potentially significant and will be further analyzed in the EIR.

(c) The project site is highly unlikely to contain any federally protected wetlands, marshes or vernal pools, or other protected waterways because the project site is located in the Mojave Desert Basin in the Great Basin within which local waters do not drain to a traditionally navigable water of the United States. Therefore, project implementation is unlikely to result in impacts to wetlands. However, the project does have several drainages and identified other water features that may be considered jurisdictional waters of the State. Further analysis to identify potentially jurisdictional waters and any impacts to such waters will be included in the EIR.

(d) While the project site is located outside of known habitat linkages in the region, the site may be used for more local wildlife movement and likely provides stopover and wintering habitat for birds. Project construction and operation could also remove both foraging and nesting/denning habitat for wildlife species. No known established wildlife corridors or native wildlife nursery sites are located within the project site; however, impacts to wildlife habitat and movement are potentially significant and will be evaluated in the EIR.

(e) The CDFW has considered Joshua tree (*Yucca brevifolia*) to be a candidate species protected under California Endangered Species Act (CESA) since October 9, 2020. As a candidate species, Joshua tree now has full protection under CESA and any take of the species would require authorization under CESA. For projects where "take" is incidental to carrying out an otherwise lawful activity, an Incidental Take Permit (ITP) may be obtained from the CDFW. Additionally, sensitive natural plant community and compliance with the California Desert Native Plants Act of the California Food and Agricultural Code, Division 23, is required for the removal of Joshua trees. Scattered, widely spaced Joshua trees occur throughout portions of the proposed project site; however, they do not occur at a density high enough to consider them a distinct woodland community. Potential impacts to Joshua tree will be analyzed in the EIR.

(f) The project site is located within the U.S. Bureau of Land Management's (BLM) West Mojave Plan (WMP) planning areas. However, the WMP applies only to federal public lands managed by the BLM and is not an adopted Habitat Conservation Plan (HCP) or Natural Community Conservation Plan (NCCP). The project site is also located within a BLM-designated Development Focus Area pursuant to BLM's Desert Renewable Energy Conservation Plan (DRECP). Development Focus Areas have been identified because of their potential for energy generation and minimal conflict with sensitive biological resources and are therefore more likely to be appropriate for renewable energy development. However, at this time the DRECP applies only to federal public lands managed by the

BLM and is not an adopted HCP or NCCP. There are no anticipated impacts to these designated areas or plans because the project would not conflict with the provisions of an adopted HCP or NCCP.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

V. Cultural Resources

Would the project:

a.	Cause a substantial adverse change in the significance of a historical resource pursuant to CEQA Guidelines Section 15064.5?	☒	☐	☐	☐
b.	Cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5?	☒	☐	☐	☐
c.	Disturb any human remains, including those interred outside of formal cemeteries?	☒	☐	☒	☐

RESPONSES:

(a) - (b) The project site consists of undeveloped but previously disturbed land. Development of the proposed project would require ground disturbance for installation of the solar arrays and placement of aboveground and underground electrical and communication lines, which could impact historical or archaeological resources, including resources that are undiscovered. A cultural resources survey will be conducted for the project and its finding incorporated into the EIR. Therefore, further evaluation in the EIR is warranted to evaluate potentially significant impacts to historical, and archaeological resources, and to formulate avoidance or mitigation measures, if applicable.

(c) There is no evidence that the project site is located within an area likely to contain human remains and discovery of human remains during project earthmoving activities is not anticipated. Nonetheless, this issue will be further evaluated in the EIR.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
VI. Energy					
Would the project:					
a.	Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☒	☐	☐	☐
b.	Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

RESPONSES:

(a) Construction of the proposed project would involve on-site energy demand and consumption related to use of oil in the form of gasoline and diesel fuel for construction worker vehicle trips, hauling and materials delivery truck trips, and operation of off-road construction equipment. In addition, diesel-fueled portable generators may be necessary to provide additional electricity demands for temporary on-site lighting, welding, and for supplying energy to areas of the sites where energy supply cannot be met via a hookup to the existing electricity grid.

Following implementation of the proposed project, energy would switch from consumption to production. Energy use associated with operation of the proposed project would be typical of a solar facility. Operation and maintenance facilities associated with the project would require electricity for interior and exterior building lighting, heating, ventilation, and air conditioning (HVAC), electronic equipment, machinery, appliances, security systems, etc. Maintenance activities during operations, such as landscape maintenance, could involve the use of electric or gas-powered equipment. In addition to on-site energy use, the proposed project would result in transportation energy use associated with employee vehicle trips generated by the proposed project. Further analysis in the EIR is warranted.

(b) Due to the increased on-site consumption of energy during construction, the proposed project has the potential to conflict with or obstruct a state or local plan for energy efficiency. However, following implementation of the proposed project, site energy demand would switch to energy production. Operation of the proposed project would lead to an overall increase in the County's Renewable Portfolio and would align with the stated General Plan policy to encourage the development of renewable energy within Kern County. Impacts are considered to be less than significant; however, further analysis is warranted in the EIR.

VII. Geology and Soils

Would the project:

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
a.	Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
	i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
	ii. Strong seismic ground shaking?	☐	☐	☒	☐
	iii. Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
	iv. Landslides?	☐	☐	☒	☐
b.	Result in substantial soil erosion or the loss of topsoil?	☒	☐	☐	☐
c.	Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	☐	☐	☒	☐
d.	Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e.	Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems in areas where sewers are not available for the disposal of wastewater?	☐	☐	☒	☐
f.	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☒	☐

RESPONSES:

(a)(i) The project site is not located within any earthquake fault zone or seismic hazard zone as established pursuant to the Alquist-Priolo Earthquake Fault Zoning Act. The nearest fault to the project site is the Garlock-South Branch fault, located approximately 10 miles northwest of the project site. In addition, although the project does not include any habitable structures, construction of the project would be subject to all applicable ordinances of the Kern County Building Code (Chapter 17.08), including standards related to seismic hazards. Kern County has adopted the California Building Standards Code (CBC) 2019 Edition (CCR Title 24) effective January 1, 2020, which imposes substantially the same requirements as the International Building Code (IBC), 2020 Edition, with some modifications and amendments. Adherence to applicable building code standards would mitigate any potential impacts associated with the project. Impacts would be less than significant; however, further analysis in the EIR is warranted.

(a)(ii) Due to the location of active faults in the general region, strong seismic ground shaking could occur at the project site resulting in damage to above and below ground structures and other site improvements if not properly designed to withstand strong ground shaking. Should strong seismic ground shaking occur at the project site, damage to the PV modules and other ancillary facilities (e.g., O&M buildings) could result. However, construction of the proposed project would be subject to all applicable ordinances of the Kern County Building Code (Chapter 17.08) and IBC and CBC earthquake construction standards, including those relating to soil characteristics. Adherence to applicable regulations would minimize the potential impacts associated with ground shaking at the project site. Although potential impacts are anticipated to be less than significant, further analysis in the EIR is warranted.

(a)(iii) Seismically induced liquefaction occurs when loose, water-saturated sediments of relatively low density are subjected to cyclic shaking that causes soils to lose strength or stiffness because of increased pore water pressure. Liquefaction generally occurs when the depth to groundwater is less than 50 feet. Based on review of available groundwater data in the project area, groundwater is expected to be more than 50 feet below ground surface. Thus, the potential for liquefaction at the surface is low. Furthermore, the project site is not located within a current, mapped California Liquefaction Hazard Zone. Structures constructed as part of the project would be required by State law to be constructed in accordance with all applicable IBC and CBC earthquake construction standards, including those relating to soil characteristics. Nonetheless, the potential for substantial adverse effects to the project due to seismic-related ground failure, including liquefaction, will be examined in the EIR.

(a)(iv) The project site is located in a relatively flat-lying plain that does not contain in steep slopes; landslides are not likely. Therefore, impacts related to landslides are not anticipated to occur or pose a hazard to the project or surrounding area. However, the potential for substantial adverse effects to the project due to landslides will be examined in the EIR.

(b) The project would employ a combination of mowing, “disk-and-roll” techniques and, where necessary, conventional grading. Disk-and-roll site preparation uses tractors pulling disking equipment to till under vegetation. As a result, project construction would have the potential to result in erosion, sedimentation, and discharge of construction debris from the site. Vegetation clearing and grading activities, for example, could lead to exposed or stockpiled soils susceptible to peak stormwater runoff flows and wind forces. The compaction of soils by heavy equipment may minimally reduce the infiltration capacity of soils (exposed during construction) and increase runoff

or erosion potential. An erosion and sediment control plan would be prepared that specifies best management practices (BMPs) to prevent construction pollutants, including eroded soils (such as topsoil), from moving off the site. Additionally, the project proponent would be required to obtain coverage under the National Pollution Discharge Elimination System (NPDES) Construction General Permit (CGP) because the proposed project would disturb greater than one acre of land. In order to conform to the requirements of the CGP, a storm water pollution prevention plan (SWPPP) would need to be prepared that outlines specific best management practices (BMPs) to prevent construction pollutants, including eroded soils, from moving off-site. Impacts are anticipated to be less than significant with implementation of the above requirements; however, this issue will be further evaluated in the EIR.

(c) The project lies in a relatively flat-lying plain where landslides, lateral spreading, subsidence, liquefaction, and collapse are not expected to occur. Based on review of available groundwater data in the project area, groundwater is expected to be more than 50 feet below ground surface. Therefore, liquefaction is unlikely because the ground water levels are relatively deep. Seismic settlement, lateral spreading, and collapse are not expected to result in significant impacts. Nevertheless, the potential for substantial adverse effects to the project due to geologic instability and liquefaction will be examined in the EIR.

(d) Expansive soils are fine-grained soils (generally high plasticity clays) that can undergo a significant increase in volume with an increase in water content and a significant decrease in volume with a decrease in water content. Changes in the water content of a highly expansive soil can result in severe distress to structures constructed on or against the soil. The expansion potential of on-site soils may be classified as very low to low, and special design is not necessary. The project would be designed to comply with applicable building codes and structural improvement requirements to withstand the effects of expansive soils. The implementation of Kern County Building Code requirements, as applicable, would minimize the potential impact of expansive soils. The EIR will confirm the presence or absence of expansive soils within the project area. Therefore, this issue will be further evaluated in the EIR.

(e) A sanitary water supply would not be required during construction as restroom facilities would be provided by portable units to be serviced by licensed providers. The project would include the construction of one O&M building measuring approximately 100 feet x 50 feet and a communications building measuring approximately 20 feet x 30 feet that would support one to two full-time employees. The employee use of on-site restrooms would generate wastewater that would require disposal. Impacts from facilities that support the full-time employees during project operation warrants further evaluation in the EIR.

(f) Kern County is rich in paleontological resources. If sensitive paleontological formations are located underground on the project site, ground disturbance could result in impacts to paleontological resources. A paleontological study will be conducted to determine the underlying formations and potential for fossil discoveries throughout the project site. This analysis will be provided in the EIR to identify potential impacts and to formulate avoidance or mitigation measures, if applicable. Therefore, further evaluation in the EIR is warranted

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
VIII. Greenhouse Gas Emissions					
Would the project:					
a.	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☒	☐	☐	☐
b.	Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☒	☐	☐	☐

RESPONSES:

(a) Greenhouse gas (GHG) emissions emitted by human activity are implicated in global climate change or global warming. The principal GHGs are CO_2, methane (CH_4), NO_X, ozone, water vapor, and fluorinated gases. The temporary construction activities associated with the proposed project, which would involve operation of heavy off-road equipment, on-road trucks (for deliveries and hauling), and construction worker commute trips, would generate GHGs through exhaust emissions. However, as a solar facility, the proposed project is expected to displace traditional electricity production that involves combustion energy sources (e.g., burning coal, fuel oil, or natural gas). As such, the provision of solar energy by the proposed project would produce GHG-free electricity that is anticipated to offset GHGs that would otherwise be generated by traditional fuel combustion electricity production. The potential impacts associated with GHG emissions generated during construction of the proposed project and the potential GHG offsets resulting from operation of the proposed project will be further evaluated in the EIR.

(b) California has passed several bills and the governor has signed at least three executive orders regarding GHGs. Assembly Bill (AB) 32 (the Global Warming Solutions Act) was passed by the California legislature on August 31, 2006 and requires preparing a Climate Change Scoping Plan for achieving the maximum technologically feasible and cost-effective GHG emission reduction by 2020 (HSC Section 38561(h)). As a result, the California Air Resources Board (CARB) developed a Climate Change Scoping Plan that contains strategies to achieve the 2020 emissions cap.

In 2002, California established its Renewable Portfolio Standards (RPS) Program, with the goal of increasing the percentage of renewable energy in the state's electricity mix to 20 percent renewable energy by 2017. In 2006, under SB 107, the RPS Program codified the 20 percent goal. The RPS Program requires electric utilities and providers to increase procurement from eligible renewable energy resources by at least one percent of their retail sales annually until they reach 20 percent by 2017. On November 17, 2008, the governor signed Executive Order S-14-08, requiring California utilities to reach the 33 percent renewable goal by 2020. In 2015, SB 350 was enacted to increase the RPS to 50 percent and reduce greenhouse gas emissions by 40 percent below 1990 levels by the year 2030 and to 80 percent below 1990 levels by 2050.

The proposed project is intended to: (1) reduce importation of power from fossil fuel power plants and (2) contribute to a reduction in GHGs. Heavy equipment operation, truck deliveries, and construction worker commute trips associated with construction of the proposed project would temporarily generate GHGs; however, operation of the project would offset GHGs generated by traditional fuel combustion sources of electricity. The project's potential GHG impacts and the potential GHG offsets resulting from operation of the project will be examined in the EIR with respect to the objectives of statewide programs to reduce GHGs associated with energy generation.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

IX. Hazards and Hazardous Materials

Would the project:

a.	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☒	☐	☐	☐
b.	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☒	☐	☐	☐
c.	Emit hazardous emissions or involve handling hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐
d.	Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☒	☐	☐	☐
e.	For a project located within the adopted Kern County Airport Land Use Compatibility Plan, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f.	Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
g.	Expose people or structures, directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	☐	☐	☒	☐
h.	Would implementation of the project generate vectors (flies, mosquitoes, rodents, etc.) or have a component that includes agricultural waste? Specifically, would the project exceed the following qualitative threshold: The presence of domestic flies, mosquitoes, cockroaches, rodents, and/or any other vectors associated with the project is significant when the applicable enforcement agency determines that any of the vectors:				

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
i. Occur as immature stages and adults in numbers considerably in excess of those found in the surrounding environment; and	☐	☐	☐	☒
ii. Are associated with design, layout, and management of project operations; and	☐	☐	☐	☒
iii. Disseminate widely from the property; and	☐	☐	☐	☒
iv. Cause detrimental effects on the public health or well-being of the majority of the surrounding population.	☐	☐	☐	☒

RESPONSES:

(a) The project would not involve the routine transport, use, or disposal of hazardous materials as defined by the Hazardous Materials Transportation Uniform Safety Act and is not expected to create a significant hazard to the public or the environment. During construction, the project would include the transport of general construction materials (i.e., concrete, wood, metal, fuel, etc.) as well as materials necessary to construct the proposed PV arrays. Project-related infrastructure would not emit hazardous materials or be constructed of acutely hazardous materials or substances that could adversely impact the public or on-site workers. Wastes generated during construction of the project would also be non-hazardous, and would consist of cardboard, wood pallets, copper wire, scrap steel, common trash, and wood wire spools. Although field equipment used during construction activities could contain various hazardous materials (i.e., hydraulic oil, diesel fuel, grease, lubricants, solvents, adhesives, paints, etc.), these materials are not considered to be acutely hazardous and would be used in accordance with the manufacturers' specifications and all applicable regulations.

The project would be subject to all local, State, and federal laws pertaining to the use of hazardous materials on the site and would be subject to review by the Kern County Public Health Services Department/Environmental Health Services Division. The PV panels include semiconductor materials, such as cadmium telluride or crystalline or amorphous silicon, which are encapsulated within the PV panels. The chemical properties of the semiconductor materials and the construction of the PV panels minimize risk of exposure to human health or the environment. Broken PV panels would be replaced and disposed of off-site in compliance with local, State, and federal laws, and would therefore not be a source of pollution or threat to human health or the environment. Impacts resulting from the transport, use, or disposal of hazardous materials during construction and operation of the proposed project will be evaluated further in the EIR.

(b) The proposed project would be subject to all local, State, and federal laws pertaining to the use, storage, and disposal of hazardous and non-hazardous materials on the project site and would be subject to review by the Kern County Environmental Health Services Division. However, construction and operation of the proposed project may include the accidental release of storage materials, such as cleaning fluids and petroleum products including lubricants, fuels, and solvents.

Electrical transformer equipment that would be installed as part of the proposed project may include various hazardous substances, including polychlorinated biphenyls. The toxicity and potential release of these materials would depend on the quantity, type of storage container, safety protocols used on the site, location and/or proximity to schools and residences, frequency and duration of spills or storage leaks, and the reactivity of hazardous substances with other materials.

In addition, the proposed project would also include a BESS on each of the facilities. Each BESS would consist of self-contained battery storage modules placed in racks, converters, switchboards, inverters, transformers, controls, and integrated heating, ventilation, and air conditioning (HVAC) units, all enclosed in one or more buildings or in prefabricated metal containers. If the BESSs use prefabricated metal containers, each container will be a 40-foot-long by 8-foot-wide battery container. Potential hazards associated with BESS include increased potential for electrical shock and chemical release associated with the batteries used. The BESS would have a fire rating in conformance with County standards and specialized fire suppression systems would be installed. Also, implementation of established construction controls and safety procedures would reduce the risk of hazardous materials spills and releases.

The proposed project would be subject to all local, state, and federal laws pertaining to the use of hazardous materials on-site and would be subject to review by the Kern County Environmental Health Services Division. Through the review process, the project proponent would be required to submit a complete list of all materials used on-site, how the materials would be transported and stored, and in what form they would be used. This would be recorded to maintain safety and prevent possible environmental contamination or worker exposure and would include submission of MSDS for all applicable materials present at the site. Additionally, implementation of BMPs would ensure that hazardous materials used on site during operation would neither be released into the environment nor expose operational personnel to hazardous materials. It is anticipated that adherence to regulations and standard protocols during the storage, transportation, and usage of any hazardous materials would avoid significant impacts; nonetheless, potential impacts will be evaluated in the EIR.

(c) The closest school to the project site is Tropico Middle School, located approximately 4 miles northeast of the project site. The proposed project is a solar energy generation facility that involves using photovoltaic solar panels to generate electricity. Project-related infrastructure would not emit hazardous materials or involve handling hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school. However, this impact will be further evaluated in the EIR.

(d) No known hazardous materials/facilities are located within the project site. However, a Phase I Environmental Site Assessment (ESA) will be prepared pursuant to Government Code Section 65962.5. The Phase I ESA will include a search of the subject parcels in the California Environmental Protection Agency (CalEPA) Cortese List, the California Department of Toxic Substances and Control (DTSC) Envirostor database of hazardous substances release sites, and the California Water Boards' Geotracker database. Although no significant impacts are anticipated, there is the potential for the discovery of unknown hazardous materials. Therefore, the impacts from hazardous material sites are considered potentially significant and will be further analyzed in the EIR.

(e) The project site is not located within an area covered by the Kern County Airport Land Use Compatibility Plan (ALUCP). The nearest airports to the project site are the privately owned Rosamond Skypark located approximately 9 miles to the northeast, the Mojave Air and Space Port

located approximately 25 miles to the northeast, and the Mountain Valley Airport located approximately 25 miles to the north. Safety hazards are not anticipated for people working in the project site with respect to the project's proximity to an airport. Therefore, there would be no anticipated impacts related to proximity to an airport and no further analysis in the EIR is warranted.

(f) The project would not interfere with any existing emergency response plans, emergency vehicle access, or personnel access to the project site. The project site is located in a remote area with several alternative access roads allowing access to the project site in the event of an emergency. Access would be maintained throughout construction, and appropriate detours would be provided in the event of potential road closures. Therefore, no impacts related to impairment of the implementation of or physical interference with an adopted emergency response plan or emergency evacuation plan are anticipated and no further analysis in the EIR is warranted.

(g) Construction and operation of the proposed project would not result in increased risk of wildfires in the project area. The California Department of Forestry and Fire Protection (CalFire) publishes Fire Hazards Severity Zone Maps for the State Responsibility Areas (SRA), however the project site is not located within a State Responsibility Area. The project site is located in a local responsibility area (LRA) for which the County of Kern is responsible for providing fire protection. The CalFire LRA maps show the project within two LRA Fire Severity Zones: (a) LRA moderate and (b) LRA unzoned. The project would comply with all applicable wildland fire management plans and policies established by CalFire and the Kern County Fire Department (KCFD). Accordingly, the project is not expected to expose people or structures to a significant risk of loss, injury, or death involving wildland fires. Although impacts are anticipated to be less than significant, further analysis of this issue will be discussed in the EIR.

(h) Project-related facilities would not result in features or conditions that could potentially provide habitat for vectors such as mosquitoes, flies, cockroaches, or rodents. During construction and operation, workers would generate small quantities of solid waste (i.e., trash, food containers, etc.) that would be stored in enclosed containers then transported to and disposed of at approved disposal facilities. Construction and operation of the proposed solar arrays and associated facilities would not produce uncontrolled wastes that could support vectors and would not generate any standing water or other features that would attract nuisance pests or vectors. Therefore, impacts are considered to be negligible and further analysis is not required.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

X. Hydrology and Water Quality

Would the project:

a.	Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☒	☐	☐	☐
b.	Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☒	☐	☐	☐
c.	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
	i. result in substantial erosion or siltation on- or off-site;	☒	☐	☐	☐
	ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	☒	☐	☐	☐
	iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☒	☐	☐	☐
	iv. impede or redirect flood flows?	☒	☐	☐	☐
d.	In flood hazard, tsunami, seiche zones, risk release of pollutants due to project inundation?	☒	☐	☐	☐
e.	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☒	☐	☐	☐

RESPONSES:

(a) Construction of the project would be subject to County, State, and federal water quality regulations. The project site is within the Lahontan Regional Water Quality Control Board (RWQCB) jurisdiction. Project construction activities have the potential to result in erosion, sedimentation, and discharge of construction debris, and could result in the discharge of wastewater and runoff at the project site. If not properly managed, this wastewater could violate the water quality standards or

waste discharge requirements of the RWQCB, or otherwise degrade surface or ground water quality. To reduce sediment production and storm water pollution, the project proponent would prepare and implement a project-specific drainage control plan, if necessary, which would include applicable BMPs to reduce the potential for erosion and sedimentation that could result from construction of the project. It is anticipated that appropriate best management practices (BMPs) and compliance with applicable regulations, including the NPDES Construction General Permit, would reduce potential water quality impacts to a less than significant level. Additionally, the proposed project contractor(s) would apply for coverage under the state's General Construction Permit for stormwater discharges from construction activities and would prepare a SWPPP that would include implementation of BMP erosion-control measures to control stormwater runoff. Site-specific BMPs would be designed by the contractor in compliance with regulations and permit conditions. Finally, further review is required to determine the post-construction water quality measures that would be implemented in compliance with RWQCB standards. Although significant impacts related to water quality are not anticipated during construction, a comprehensive hydrology and water quality impact analysis will be prepared, and the findings will be further analyzed in the EIR.

(b) During the construction, operational, and decommissioning phases of the proposed project, water would be obtained from an offsite source. During construction of the proposed project, non-potable water would be initially required for site preparation and grading activities. During earthwork for grading of access road foundations, equipment pads and project components, the main use of water (non-potable) would be for compaction and dust control. Smaller quantities would be required for preparation of the concrete required for foundations and other minor uses. The overall construction water usage for dust control and site preparation is anticipated during construction is approximately 450 AF per year during the 12-month construction period.

An estimated 18 acre feet per year of water would be necessary for use in the O&M building and routine panel washing. It is anticipated that panels would be washed up to four times a year, using small water trucks. A Will Serve letter has been obtained from a private local water purveyor, indicating his capacity and willingness to provide water for construction and operation of the project. A water supply assessment will be completed for the project to analyze potential impacts to groundwater. These impacts will be addressed further in the EIR. (c)(i) Construction of the proposed project, including but not limited to, construction of concrete pads for the switchyard, inverters, transformers, and O&M buildings as well as foundational supports for panel installation, soil compaction, and any grading may alter the existing drainage pattern of the project site. A hydrologic study would be prepared for the project in accordance with Kern County requirements, and potentially significant impacts to existing drainage patterns and flooding conditions on the project site will be analyzed in the EIR.

(c)(ii) Construction and operational activities associated with the proposed project would alter existing drainage conditions and create impervious surfaces that would have the potential to result in an increase in the rate or amount of surface runoff during storm events. A hydrologic study will be prepared for the project in accordance with Kern County requirements, and potentially significant impacts will be analyzed in the EIR.

(c)(iii) During construction and following installation of the solar arrays, the majority of the site would remain pervious. The design of the solar arrays is such that storm water infiltration would occur similar to existing conditions. No discharges to or alterations of any municipal stormwater drainage systems are proposed. Similarly, no component of the project would generate a substantial source of

polluted runoff. The construction period SWPPP and the operational period Water Quality Management Plan would ensure the proper control and treatment, if necessary, of any storm water prior to discharge. With adherence to site-specific BMPs, potential pollutants would be minimized to the extent practicable; nonetheless, this impact will be further discussed in the EIR.

(c)(iv) The Federal Emergency Management Agency (FEMA) delineates flood hazard areas on its Flood Insurance Rate Maps (FIRMs). According to the FIRMs for the project area, the entire project site is located in a 100-year flood area (Zone A, 1% annual chance of flooding; see *Figure 10, FEMA Floodplain Map*. The proposed project would be reviewed by the Kern County Public Works Department-Floodplain for adherence to all floodplain management standards. Further analysis is required to identify appropriate mitigation/design measures to reduce potentially significant impacts from potential flooding and this analysis will be provided in the EIR.

(d) The project is not located near an ocean or enclosed body of water, and therefore would not be subject to inundation by seiche or tsunami. Mudflows are a type of mass wasting or landslide, where earth and surface materials are rapidly transported downhill under the force of gravity, and are often triggered by heavy rainfall and soil that is not able to sufficiently drain or absorb water and the super-saturation results in soil and rock materials to become unstable and slide away. Due to the relatively flat topography of the project and surrounding area, the potential to be inundated by mudflow is considered remote.

As discussed above, the entire project site is located in a 100-year flood area (Zone A, 1% annual chance of flooding); refer to *Figure 10, FEMA Floodplain Map*. The project would be reviewed by the Kern County Public Works Department for adherence to all applicable floodplain management standards. Because of the potential for flood hazards to occur, and related risk of release of pollutants due to project inundation, further analysis of this is required in the EIR.

(e) The project site is located within the Antelope Valley Groundwater Basin, which is an adjudicated basin, with all water rights having been previously prescribed. Ongoing management of this basin is governed by the Integrated Regional Water Management Plan (IRWMP). As such, all water usage for the project will conform to existing adjudication plans. A water supply assessment will be completed for the project to analyze potential impacts to groundwater resources, including any potential conflicts with the IRWMP. This impact will be further analyzed in the EIR.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
XI. Land Use and Planning					
Would the project:					
a.	Physically divide an established community?	☐	☐	☒	☐
b.	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation for the purpose of avoiding or mitigating an environmental effect?	☒	☐	☐	☐

RESPONSES:

(a) The project site is located on undeveloped but previously disturbed land. The project area is predominantly developed with permitted solar facilities and there are scattered rural residences located near or adjacent to the project site. The project site is located approximately 18 miles southwest of the unincorporated community of Mojave and approximately 11 miles west of the unincorporated community of Rosamond. The proposed project would not physically encroach into or divide or restrict access to the communities of Mojave or Rosamond. Therefore, impacts are considered to be less than significant and no further analysis in the EIR is warranted.

(b) The project site is located within the Willow Springs Specific Plan area. The project site currently has land use designations of 5.3/4.4 (Residential, Maximum 10 units/net acre/Comprehensive Planning Area); 5.3/2.6/4.4 (Residential, Maximum 10 units per net acre/Erosion Hazard/Comprehensive Planning Area); 5.6 (Residential, Maximum 10 units per net acre); 5.6/2.85 (Residential, Maximum 2.5 gross acres/unit/Noise Management Area); 5.7 (Residential, Minimum 5 Gross acres/unit); 5/7/2.6/2.85 (Residential, Minimum 5 Gross acres per unit/Erosion Hazard/Noise Management Area); 5.7/2.85 (Residential, Minimum 5 Gross acres per unit/Noise Management Area); 7.1 (Light Industrial); 7.1/4.4 (Light Industrial/Comprehensive Planning Area), 7.2/4.4 (Service Industrial/Comprehensive Planning Area); 8.1/2.85 (Intensive Agriculture/Noise Management Area); and 8.1/2.6/2.85 (Intensive Agriculture/Erosion Control/Noise Management) Area as shown in *Figures 4-6.*

Solar development is a conditionally permitted use in the A zone district per Chapters 19.12 and 19.14 of the Kern County Zoning Ordinance. Solar development is not a permitted use in residential zone districts like the E zone district per Chapter 19.16 of the Zoning Ordinance. Therefore, approval of a zone change would be required to rezone project parcels classified within the E zone district to the A zone district for the construction and operation of the proposed project in addition to CUPs; see *Figure 8, Existing Zoning* and *Figure 9, Proposed Zoning.* The proposed A zoning classification of the project site is consistent with the proposed Willow Springs Specific Plan map code designations. An amendment to the Willow Springs Specific Plan Circulation Element is also requested to eliminate the future road reservation along a portion of the East/West and North/South midsection line of Section 21, T9N R14W within the project site. This would allow solar panels to be placed throughout the site with no setbacks from the midsection line of future road reservations.

However, the proposed project would not affect property owner access to any other surrounding properties.

The project proponent is requesting four CUPs to allow for the construction and operation of the proposed project (refer to *Figure 3, Aerial Map with Site Boundaries*). With approval of the zone change classification and CUPs, the proposed project would be an allowable use within the A zone district. At the end of the project's operational term, the project proponent would determine whether the project site should be decommissioned and deconstructed or if it would seek an extension of its CUPs. If any portion of the project site is decommissioned, it would be converted to other uses in accordance with the applicable land use regulations in effect at that time.

With approval of the requested CUPs and zone change classifications, the proposed project is not anticipated to have the potential to conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect. However, further assessment will be provided in the EIR.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
XII. Mineral Resources					
Would the project:					
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b.	Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	☒

RESPONSES:

(a) The project site is not: (a) designated as a mineral recovery area by the Willow Springs Specific Plan, (b) identified as a mineral resource zone by the Department of Conservation's State Mining and Geology Board, or (c) designated by the California Geologic Energy Management Division (formerly known as the Department of Oil, Gas and Geothermal Resources (DOGGR)) as a recognized oil field. Construction and operation of the proposed project would not interfere with mineral extraction and processing and would not have significant impacts on future mineral development. Therefore, there would be no impact and no further analysis is warranted in the EIR.

(b) As mentioned previously, the project site is not located within a mineral recovery site designated by the Willow Springs Specific Plan or within a designated mineral and petroleum resource site within the Kern County General Plan. The project site is not located within the County's NR (Natural Resources) or PE (Petroleum Extraction) zoned districts. Therefore, the installation of the solar facilities would not preclude future mineral resource development nor would it result in the loss of a locally important mineral resource recover site. There would be no impact and no further analysis is warranted in the EIR.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
XIII. Noise					
Would the project result in:					
a.	Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in a local general plan or noise ordinance or applicable standards of other agencies?	☒	☐	☐	☐
b.	Generation of excessive groundborne vibration or groundborne noise levels?	☒	☐	☐	☐
c.	A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project	☒	☐	☐	☐
d.	For a project located within the vicinity of a private airstrip or Kern County Airport Land Use Compatibility Plan, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

RESPONSES:

(a) Land uses determined to be "sensitive" to noise as defined by the Kern County General Plan include residential areas, schools, convalescent and acute care hospitals, parks, and recreational areas, and churches. The Kern County General Plan Noise Element sets a 65 dBA (A-weighted decibels) Day Night noise level (Ldn) limit on exterior noise levels for stationary sources (i.e., non-transportation) at sensitive receptors. The nearest sensitive receptors to the project site are single family residences located adjacent to the south of CUP Area 4 along Spur Ranch Road. Additional single-family residences are located approximately 1 mile east of the east side of CUP Area 4 along 80th Street W and adjacent to CUP Areas 2 and 3. Rosamond Park, a local park, is located approximately 7.2 miles northeast of the easternmost portion of the project site. The closest school to the project site is Tropico Middle School, located approximately 4 miles northeast of the project site. Noise associated with construction and project operations has the potential to affect these nearby sensitive receptors.

Noise generated by the proposed project would occur primarily during the construction phase; whereas as the long-term operation of the solar facility would be relatively quiet, since. no substantial noise-generating equipment would be located at the project site during operations and there would be minor traffic generating by on-site employees, who would work mainly indoors, within the O & M buildings. The project proponent would be required to adhere to the provisions set forth in the Kern County Ordinance Code Section 8.36.020 with respect to permitted days and hours of construction. A noise analysis will be included in the EIR to determine the project's consistency with the Kern County Noise Ordinance (Kern County Code of Ordinances, Title 8, Chapter 8.36), the

Willow Springs Specific Plan, and any other applicable regulations. Potential noise impacts during project construction or operations will be further analyzed in the EIR.

(b) Groundborne vibration and groundborne noise could originate from the operation of heavy off-road equipment and heavy-duty trucks delivering materials and machinery during the construction phase of the project. Erection of the solar arrays would include support structures that may potentially need to be driven into the soil. The project would utilize impact/vibrating post drivers for panel racking construction, which could generate groundborne noise audible to sensitive receptors in the area. Operation of the proposed project is anticipated to emit minimal groundborne noise or vibration because the operational project would not involve any activities or machinery that would induce ground vibrations or noise. Additionally, the project would be expected to comply with all applicable requirements for long-term operation, as well as with measures to reduce excessive groundborne vibration and noise to ensure that the project would not expose persons or structures to excessive groundborne vibration. Nonetheless, further analysis of groundborne vibration and groundborne noise during project operations will be included in the EIR.

(c) Heavy equipment use during construction would cause a temporary or periodic increase in ambient noise levels. Temporary or periodic increases in ambient noise levels caused by construction activities could be reduced with the incorporation of mitigation measures. Due to the relatively quiet nature of solar facilities, operation of the project would generate very little noise. Traffic during the operational phase of the project would be for routine access and maintenance activities and would primarily consist of personal vehicles for a small maintenance crew. Nonetheless, a noise analysis will be included in the EIR to determine the project's consistency with the Kern County Noise Ordinance (Kern County Code of Ordinances, Title 8, Chapter 8.36), the Willow Springs Specific Plan, and any other applicable regulations. Project-related construction noise levels will be quantified and evaluated in the EIR.

(d) The project site is not located within the Kern County ALUCP. The nearest airports to the project sites are the privately owned Rosamond Skypark approximately 9 miles to the north east, the Mojave Air and Space Port approximately 25 miles to the northeast, and the Mountain Valley Airport approximately 25 miles to the north. The nearest public airport to the project site is Palmdale Regional Airport located approximately 18 miles southeast of the project site. Implementation of the proposed project is not anticipated to expose people residing or working in the area to excessive noise levels. Therefore, further analysis of this impact in the EIR is not warranted.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

XIV. Population and Housing

Would the project:

a.	Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b.	Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

RESPONSES:

(a) Although the proposed project would provide new employment consistent with the adopted Kern County General Plan goals, plans, and policies, long-term employment opportunities would be minimal. The project would include the construction of O&M buildings, in which one to two permanent on-site employees are proposed or required to operate, maintain, or monitor the facilities.

It is estimated that up to 630 workers per day would be required during peak construction periods for the proposed project. The project construction would require an average of 122 daily on-site construction workers throughout construction. The construction process is anticipated to take up to 12 months, and therefore, project-generated workers would only be in the local area on a temporary basis. Construction workers are expected to travel to the site from various local communities and locations throughout Southern California, and few, if any workers expected to relocate to the surrounding area because of these temporary jobs. If temporary housing should be necessary, it is expected that accommodations would be available in the nearby communities of Mojave, Rosamond, Lancaster, or other local communities and cities. Therefore, the project is not anticipated to directly or indirectly induce the development of any new housing or businesses within the local communities. During the operational phase, one to two full-time staff would be employed by the proposed project, who would commute to the site. Existing housing stock would accommodate operations personnel should they relocate to the area. The project would not directly or indirectly induce substantial unplanned population growth and further analysis in the EIR is not warranted.

(b) The proposed project would not displace any existing people or housing, necessitating the construction of replacement housing elsewhere. No further evaluation of this issue is required in the EIR.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

XV. Public Services

Would the project:

a.	Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or to other performance objectives for any of the public services:				
i.	Fire protection?	☒	☐	☐	☐
ii.	Police protection?	☒	☐	☐	☐
iii.	Schools?	☐	☐	☐	☒
iv.	Parks?	☐	☐	☐	☒
v.	Other public facilities?	☒	☐	☐	☐

RESPONSES:

(a)(i) The Kern County Fire Department (KCFD) provides fire suppression and emergency medical services to the project area. The project site would be served by Fire Station #15, located at 3219 35th West Street in Rosamond. Adherence to all applicable regulations would reduce wildfire ignitions and prevent the spread of wildfires. However, construction and operation activities may result in increased demand for firefighting services in the area. Therefore, the potential impact on fire services from construction and operation of the project is considered potentially significant and will be further evaluated in the EIR.

(a)(ii) Law enforcement and public safety services in the project area are provided by the Kern County Sheriff's Office (KCSO). The project site would be served by the Rosamond Substation at 3179 35th Street West. Although the potential is low, the proposed project may attract vandals or other security risks, and construction activities would result in increases in traffic volumes along surrounding roads, which could increase demand on law enforcement services. On-site security measures (i.e., on-site monitoring equipment, gated access, motion sensor lighting) would be provided and access to the project site during construction and operation would be restricted, thereby minimizing the need for police services. Nonetheless, project impacts on local sheriff services could be potentially significant. This issue will be evaluated in the EIR.

(a)(iii) During project construction, a relatively small number of construction workers would be required. It is expected that most of these workers would live in the broader region and commute to the project site from surrounding communities where their children are already enrolled in school and where

their contribution to local taxes, including funds for schools, is assessed locally. The proposed project would not require employees or their children to relocate to the project area. Therefore, substantial temporary increases in population that would adversely affect local school populations are not expected. Likewise, the operational workforce is small (approximately two full-time positions) and not expected to generate a permanent increase in population that would impact school populations. Therefore, no significant impacts to schools are anticipated to occur and further analysis is not warranted in the EIR.

(a)(iv) The population increase that would be experienced during the construction phase of the proposed project would be temporary and limited to construction workers at the project site. Such conditions would not result in a substantial new demand for parks or recreational facilities. The number of employees required for project operations would be minimal and they would not likely frequent any public parks during, before, or after their work shifts. The two full-time equivalent (FTE) employees would not result in construction of numerous new housing units that could significantly increase the local population and related demand for public parkland. Therefore, no significant impacts to parks are anticipated to occur, and further analysis of this issue is not warranted in the EIR.

(a)(v) Implementation of the proposed project may have impacts on the ability of the County to provide adequate county-wide comprehensive public facility services. Unlike other businesses in California, large scale solar has an exclusion from property taxes on their equipment. This property tax exclusion results in the project not providing the revenue needed to provide services and facilities for both the project and the communities that prevent decline of the physical neighborhoods in unincorporated Kern County. This is a direct impact from the project structure and the land if built with another type of land use would produce property tax revenue to provide necessary services and facilities and prevent physical decline of homes and businesses due to vacancy and inability for response for all services, including code enforcement to law enforcement, fire, roads and health and safety issues such as elderly care and child protection services. The cumulative impacts of this active solar tax exclusion over the life of the over 36,000 acres of projects has resulted in a loss to the General Fund over the last 10 years of over $103 million and deepened the on-going fiscal emergency of the County. Public policies in the Kern County General Plan and Mojave Specific Plan require development to address economic deficiencies in public services and facilities costs. Therefore, the proposed project's impacts on public facilities are potentially significant and will be evaluated in the EIR.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

XVI. Recreation

Would the project:

a.	Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒
b.	Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	☐	☐	☐	☒

RESPONSES:

(a) It is estimated that up to 630 workers per day during peak construction periods (approximately three months) would be required on-site during construction of the proposed project. These workers would not visit any local parks or recreation facilities during the workday. Further, few workers are expected to relocate to this area temporarily while the construction is underway and there would be little or no impact on local recreational resources after work hours. Operation of the project would require employees for maintenance and monitoring activities, but they would likely be drawn from the local labor force and would commute from their existing permanent residences to the project site during those times. As a result, there would not be a detectable increase in the use of existing neighborhood or regional parks or other recreational facilities, and therefore, no deterioration of any such facilities would occur with project implementation. Impacts would not occur, and further analysis is not warranted in the EIR.

(b) The proposed project does not include or require the construction of new or expansion of existing recreational facilities, and there are no recreational facilities on the project site that would be affected. No impact would result and no further analysis in the EIR is warranted.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
XVII. Transportation and Traffic					
Would the project:					
a.	Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☒	☐	☐	☐
b.	Conflict or be inconsistent with CEQA Guidelines Section 15064.3 subdivision (b)?	☒	☐	☐	☐
c.	Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d.	Result in inadequate emergency access?	☐	☐	☒	☐

RESPONSES:

(a) The project proponent is requesting an amendment to the Willow Springs Specific Plan Circulation Element to eliminate the future road reservation along a portion of the East/West and North/South midsection line of Section 21, T9N R14W within the project site. Given the extensive development of solar facilities in the project area, it is highly unlikely that these roadways would ever be developed in the future. Elimination of the road reservations would not impede access to any other parcel outside the project boundaries.

There are no dedicated pedestrian or bicycle facilities in the immediate vicinity of the project site or along the surrounding roadways. Due to the rural nature of the project area, pedestrian and bicycle traffic is limited. The project is not located along an existing bus route and few bus stops exist on the roadways likely to be used during construction and operation. The project would not house residents or employees, and therefore, would not have characteristics that would influence alternative means of transportation.

Construction activities associated with the project would temporarily contribute to traffic volumes on these nearby roadways. It is estimated that up to 630 workers per day during peak construction periods would be required for construction of the proposed project. Worker commute vehicles would account for the majority of traffic trips to the project site. It is estimated there would be an average of approximately 120 passenger vehicle trips per day, and a peak of approximately 630 passenger vehicle trips per day for workers commuting to and from the project site. Pickup trucks are estimated to be used approximately 20 hours per week for delivery of construction equipment and materials. Further analysis in the EIR is required to determine whether construction traffic could disrupt normal traffic flows or otherwise conflict with the County's roadway performance policies and programs.

Operation of the project would require up to 2 FTE employees, who would commute to the project site. Trip generation during the operational phase, which also includes occasional truck deliveries during maintenance activities, would not likely result in a substantial increase in traffic in relation to the existing roadway capacity nor congestion at intersections. The potential impacts on the local roadway system from construction related vehicle trips and the project's operational traffic on the area roadway system will be further evaluated in the EIR.

(b) CEQA Guidelines section 15064.3, subdivision (b) was adopted in December 2018 by the California Natural Resources Agency. These revisions to the CEQA Guidelines criteria for determining the significance of transportation impacts are primarily focused on projects within transit priority areas, and shifts the focus from driver delay to reduction of vehicular greenhouse gas emissions through creation of multimodal networks, and creation of a mix of land uses that can facilitate fewer and shorter vehicle trips. Vehicle miles traveled (VMT) is a measure of the total number of miles driven for various purposes and is sometimes expressed as an average per trip or per person. Construction traffic would be temporary and would not permanently affect VMT characteristics in this part of Kern County or elsewhere. Long-term, operational traffic would be limited, with a small work force of approximately two FTE employees. It is not known where the employees would live or how long their commuting trips would be. According to technical guidance issued by the Office of Planning and Research, projects generating less than 110 or fewer daily vehicle trips may be presumed to have a less than significant impact involving VMT. Further analysis of the operational VMT characteristics of the project is required to determine whether the project is considered a "low-VMT" project due to small daily traffic volumes alone, or whether more extensive analysis is warranted. An assessment of the project's VMT characteristics will be provided in the EIR, to ensure consistency with state and local guidance.

(c) The project proposes access from existing roads including Rosamond Boulevard, Avenue A, Avenue D, Astoria Avenue, Gaskell Road, Holiday Avenue, 100th Street West, 130th Street West, 140th Street West and 170th Street West. During construction, especially during peak periods of heavy truck traffic and peak levels of construction workers, there is a potential for conflicts between construction traffic and normal traffic flows, especially at intersections where queuing could occur. This requires further analysis in the EIR.

No new roadway design or features (i.e., sharp curves, dangerous intersections, or other hazardous features) would be required that could result in transportation-related hazards or safety concerns. All new driveways connecting to existing adjacent streets must be designed in accordance with the County's street standards that assure safe ingress/egress. The project buildings and other structures would be set back from adjacent access roadways as required by the Kern County Zoning Ordinance. Given these considerations, significant impacts related to increased hazards are not anticipated to occur; however, additional analysis will be included in the EIR.

(d) The project site and project area are accessible via a number of existing roads, with alternative access roads allowing easy access in the event of an emergency. Emergency vehicle access must be maintained at all times throughout construction activities, in accordance with the County's routine/standard construction specifications. County building inspectors would conduct periodic site inspections to confirm there are adequate provisions in place to maintain emergency access for fire, emergency medical and Sheriff response units. Further, construction activities would not be permitted to impede emergency access to any local roadways or surrounding properties. Construction period impacts are considered less than significant but will be further analyzed in the EIR.

Operations of the project would not affect emergency access as the number of daily trips would have a minimal effect on traffic volumes and overrides of project site access gates for emergency access to the facility would be installed. Although no significant operational impacts related to emergency access are anticipated to occur, further analysis of this issue will be provided in the EIR.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
XVIII. Tribal Cultural Resources					
Would the project:					
a.	Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
	i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register or historical resources as defined in Public Resources Code section 5020.1(k), or	☒	☐	☐	☐
	ii. A resource determined by the lead agency in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☒	☐	☐	☐

RESPONSES:

(ai,aii) As there are known archaeological resources associated with Native American tribes in the project area, there is the potential for tribal cultural resources to also exist either on-site or on surrounding lands. Therefore, the proposed project has the potential to impact tribal cultural resources during site clearance and earthmoving activities. All tribes with possible cultural affiliation and interest within the project area will be notified pursuant to the requirements of Assembly Bill 52, and consultation with the potentially affected tribes will occur, as appropriate, between the County and the tribes. Further evaluation in the EIR is warranted to identify potential impacts to tribal cultural resources and to formulate avoidance or mitigation measures, if applicable.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

XIX. Utilities and Service Systems

Would the project:

a.	Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b.	Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☒	☐	☐	☐
c.	Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d.	Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e.	Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

RESPONSES:

(a) The project would generate a minimal volume of wastewater during construction. During construction activities, wastewater would be contained within portable toilet facilities and disposed of off-site at an approved facility. During operations, wastewater generated by the project would be disposed of on-site by septic system(s). Soil suitability for a septic tank leach field and any related environmental impacts will be addressed in the response to the topic of Geology and Soils, threshold (e). The proposed project would not require or result in the relocation or construction of new or expanded municipal wastewater facilities, and no connection to a public wastewater system is required or proposed. Impacts would be less than significant in this regard; however, further analysis in the EIR will be provided.

The proposed project does not require expanded or new storm drainage facilities because the proposed solar facility would not generate a significant increase in the amount of impervious surfaces that would increase runoff during storm events. Water from solar panel washing and from dust

suppression activities would continue to percolate through the ground, as a majority of the surfaces within the project site would remain pervious. These activities would not substantially increase the amount of storm water runoff from the site. Impacts are considered to be less than significant; however, further analysis in the EIR will be provided.

The proposed project is not anticipated to result in a significant increase in water demand/use; however, water will be needed for solar panel washing and dust suppression. Water is anticipated to be delivered via truck from an off-site source(s). Potential impacts to groundwater resources will be addressed in the response to the topic of Hydrology and Water Quality, threshold (b). Impacts are not anticipated to be potentially significant, however, further analysis in the EIR is warranted.

The proposed project would involve construction of a PV solar facility that would generate electrical energy that would be transmitted to the regional electrical energy supply grid. Analyses of various environmental effects associated with construction and operation of these facilities will be provided throughout the EIR, with respect to numerous topics. The project would include on-site telecommunications facilities to facilitate collection and transmission of meteorological data and data regarding performance of the solar arrays. Impacts associated with construction of the telecommunications and transmission line facilities will be evaluated in the EIR. The proposed project would not use natural gas. The proposed project would not otherwise generate the demand for or require or result in the relocation or construction of new or expanded off-site electric power, natural gas, or telecommunications facilities that would in turn, result in a significant impact to the environment. Impacts are considered to be less than significant; however, further analysis in the EIR will be provided.

(b) Water demand for O&M domestic use is not expected to exceed 18 acre-feet per year. Water usage during construction, primarily for dust-suppression purposes, is not expected to exceed 450 acre-feet over the 12-month construction phase. Water is anticipated to be delivered via truck from an off-site source(s). A Will Serve letter has been obtained from a private local water purveyor, indicating their capacity and willingness to provide water for construction and operation of the project. The project is not anticipated to impact water supplies and new or expanded entitlements would not be required. However, this impact will be addressed further in the EIR.

(c) As stated above, portable toilets would provide for wastewater disposal during project construction and no connection to a public system for wastewater treatment would be required. Due to the limited number of employees for project operations, the project would not generate a substantial amount of wastewater. = Therefore, the project would not adversely affect any existing wastewater treatment facilities. Impacts would be less than significant and further analysis of this issue is not warranted in the EIR.

(d) The proposed project is not expected to generate a significant amount of solid wastes because of the small number of workers and the absence of activities that would generate wastes on an ongoing basis. Materials brought to the project site would be used to construct facilities, and few residual waste materials are expected. Non-hazardous construction refuse and solid waste would be either collected and recycled per the Construction Waste Management Plan or disposed of at a local Class III landfill, while any hazardous waste generated during construction would be disposed of at an approved off-site location. The closest Class III municipal landfill is the Ridgecrest Recycling and Sanitary Landfill (RSLF) which is located approximately 5.5 miles southeast of the project site. Solid waste from the site would therefore be transported to this landfill for disposal. The RSLF has a

remining capacity of 5,037,428 cubic yards, with an anticipated closure date of 2045 (CalRecycle, 2021). Therefore, the landfill has capacity to accommodate solid waste generated by project construction and operation. It is not anticipated that the amount of solid waste generated by the proposed project would exceed the capacity of local landfills needed to accommodate the waste. Impacts are anticipated to be less than significant and no further analysis in the EIR is warranted.

(e) The proposed project would generate solid waste during construction, operation, and decommissioning, thus requiring the consideration of waste reduction and recycling measures. The 1989 California Integrated Waste Management Act (AB 939) requires Kern County to attain specific waste diversion goals. In addition, the California Solid Waste Reuse and Recycling Access Act of 1991, as amended, requires expanded or new development projects to incorporate storage areas for recycling bins into the proposed project design. The proposed project would be required to comply with the 1989 California Integrated Waste Management Act and the 1991 California Solid Waste Reuse and Recycling Access Act of 1991. Though impacts are anticipated to be less than significant, further analysis of the pertinent solid waste reduction and management regulations applicable to this project will be included in the EIR.

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact

XX. Wildfire

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

a.	Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b.	Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c.	Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☒	☐	☐	☐
d.	Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☒	☐

RESPONSES:

(a) According to the Fire Hazard Severity Zones map published by the California Department of Forestry and Fire Protection (CalFire), the project site is not located within or near State Responsibility Areas (SRAs) or lands classified as very high fire hazard severity zones. The project site is classified as Local Responsibility Area (LRA) Moderate; thus, the potential for wildfire on the project site exists, but is not considered high (CalFire, 2007). The site is located in a rural, sparsely developed area with limited population. The project site is not identified for any purpose in an adopted emergency evacuation plan to address wildfires or other types of emergencies. There are multiple existing local roadways adjacent to the project sites that lead to primary emergency evacuation routes. In compliance with applicable Fire Code and Building Code requirements, construction and maintenance/operations managers and personnel would be trained in fire prevention and emergency response. Fire suppression equipment specific to construction would be maintained on the project site. Additionally, project construction and maintenance/operations would comply with applicable existing codes and ordinances related to the maintenance of mechanical equipment, handling and storage of flammable materials, and cleanup of spills of flammable materials. Therefore, the project would not conflict with the implementation of, or physical interference with, an adopted emergency response plan or emergency evacuation plan and impacts would be less than significant. Nevertheless, further analysis will be conducted in the EIR.

(b) Slope and wind can influence the rate at which wildfire spreads. Given the project site's generally flat topography, the proposed project is not anticipated to expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire due to sloping topography. Adherence to applicable regulations would reduce wildfire ignitions and prevent the spread of wildfires. The project proponent/operator would be required to develop and implement a Fire Safety Plan that contains notification procedures and emergency fire precautions consistent with the 2019 California Fire Code and Kern County Fire Code for use during construction, operation and decommissioning. However, as the project would have the potential to expose occupants (i.e., at the O&M facilities) to pollutant concentrations from a wildfire or the uncontrolled spread of wildfire due to prevailing winds or other factors, further analysis will be conducted in the EIR.

(c) The project would construct infrastructure that requires fire protection and, as a result, will include fire prevention and suppression measures and equipment. The proposed project involves the development of a solar energy generation and storage facility. The proposed project would include the construction of power transmission lines, inverters, roads, and an energy storage facility. Due to the presence of electrical equipment on site, the proposed project has the potential to exacerbate wildfire risk and will be further evaluated in the EIR.

(d) The project site is not considered to be a high risk area for landslides as it is relatively flat; therefore, there would be no impacts involving landslides or other slope failures, or other drainage changes that would expose people or structures to significant risks in a post-wildfire burned landscape condition. No further analysis is warranted in the EIR relative to this issue.

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less-than Significant Impact	No Impact
XXI. Mandatory Findings of Significance					
a.	Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☒	☐	☐	☐
b.	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☒	☐	☐	☐
c.	Does the project have environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly?	☒	☐	☐	☐

RESPONSES:

(a) The EIR's biological, cultural, and tribal cultural resources sections will discuss specific project impacts on plants and wildlife including avian species and impacts to cultural and tribal cultural resources. The document will also evaluate the project's contribution to cumulative biological, cultural and tribal cultural resources impacts and propose mitigation that will reduce the impacts to less than significant levels, where feasible.

(b) The project has the potential to contribute to cumulatively significant aesthetics, air quality, biological resources, cultural resources, tribal cultural resources, greenhouse gas emissions, and traffic. Such impacts could occur during the construction phases and/or as a result of the fully built and operational project. The EIR will evaluate the project's contribution to cumulative impacts in these and other areas.

(c) The proposed project would not result in the long-term air pollutant emissions or noise sources that would adversely affect nearby sensitive receptors. The proposed project would not include any kinds of industrial processes or equipment that would generate hazardous substances or wastes that would

threaten the well-being of people on- or off-site. However, short-term construction activities could result in temporary increases in pollutant concentrations and off-site noise impacts. Pollutants of primary concern commonly associated with construction-related activities include toxic air contaminants gaseous emissions of criteria pollutants, and fugitive dust. Within the project area, the potential for increased occurrences of Valley Fever is also of concern. Human health impacts from the short-term cumulative contribution to air quality impacts from project construction will be further evaluated in the EIR.

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