

DOCKETED

Docket Number:	09-AFC-07C
Project Title:	Palen Solar Power Project - Compliance
TN #:	200174
Document Title:	Applicant Response to CEC Data Request 57- Part 4.2
Description:	N/A
Filer:	Tiffani Winter
Organization:	Galati Blek, LLP
Submitter Role:	Applicant's Representative
Submission Date:	8/13/2013 11:07:01 AM
Docketed Date:	8/13/2013

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # _____
HRI # _____
Trinomial _____

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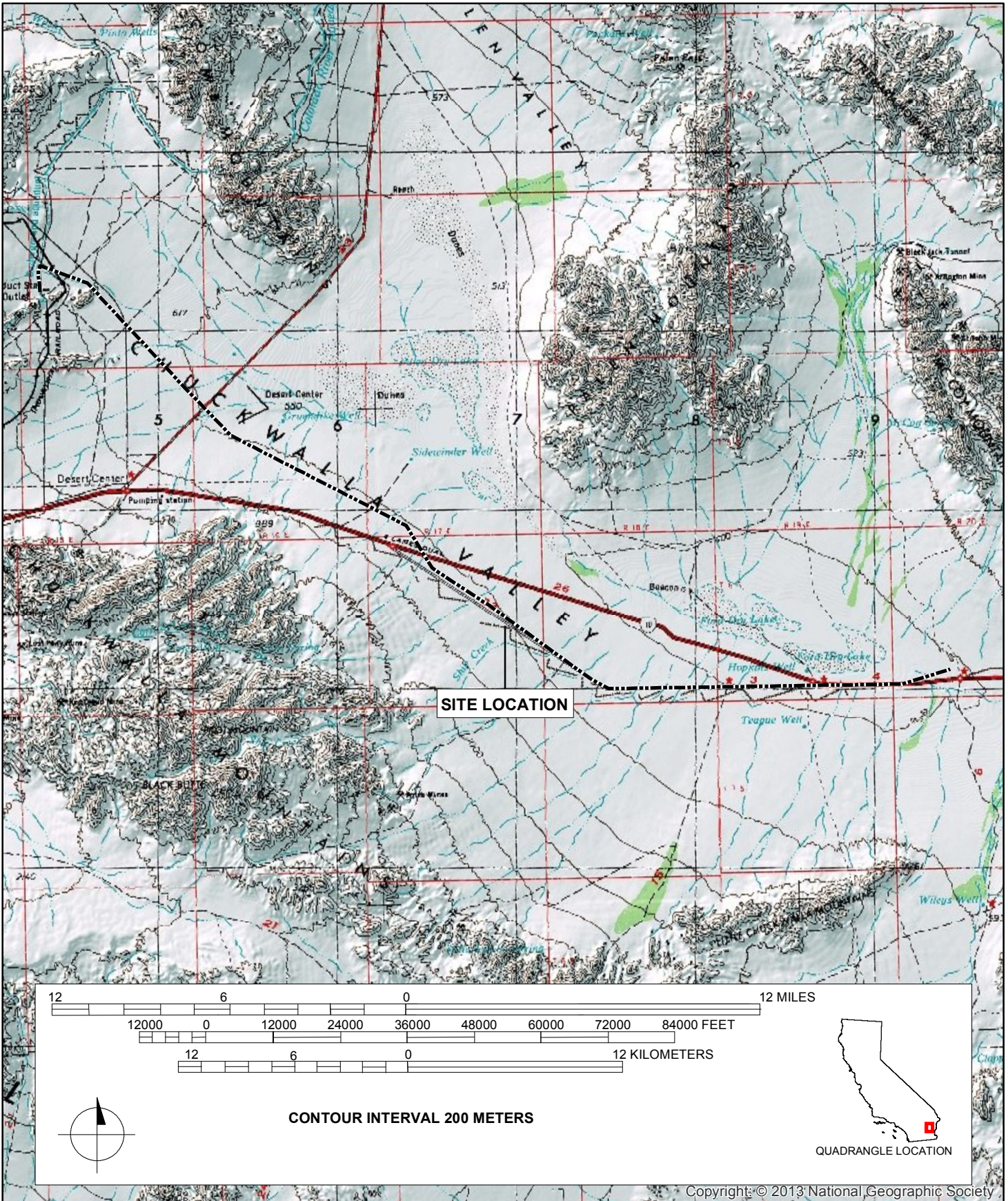
* Resource Name or # (Assigned by recorder) P-33-19415

USGS Quads Corn Spring, Sidewinder Well, East of Victory Pass,

* Map Name: Victory Pass, Aztec Mine, Hopkins Well

* Scale: 1:291,600

* Date of Map: 1983



State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-33-19415

HRI # _____

Trinomial CA-RIV-9854

NRHP Status Code _____

Other Listings _____

Review Code _____

Reviewer _____

Date _____

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*Resource Name or #: (Assigned by recorder) SMP-H-1024

P1. Other Identifier:

*P2. Location: ☐ Not for Publication ☒ Unrestricted

*a. County Riverside and P2b, P2c, and P2d or P2e. (Attach Location Map as necessary.)

*b. USGS 7.5' Quad Sidewinder Well Date 1983 T 5S; R 17E: ¼ of ¼ of Sec portions of sec. 5, 31 and 33; SB B.M.

c. Address

City

Zip

d. UTM: (Give more than one for large and/or linear resources) Zone 11: 663081 mE/ 3729662 mN, Datum NAD 83

Zone 11: 664503mE/ 3727957 mN, Datum NAD 83

*e. Other Locational Data: (E.g., parcel #, directions to resource, elevation, etc., as appropriate.) The site is in the Chuckwalla Valley south of Palen Lake (dry) and southwest of the Palen Mountains. From the Interstate 10/Corn Springs Road exit, travel north-northeast approximately 0.7 miles to the double wood-pole power line access road.

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.)

The resource is a double wood power-pole and associated graded dirt access road that measures approximately 1.2 mi (1.9 km) by 45-50 ft (13.7-15.2 m) within the project limits. The site consists of 11 poles, 10 with two wooden poles and one with three wooden poles and is part of transmission line running between Eagle Mountain to the west and Blythe to the east. Each pole is stamped with tags reading "PMC 2002 - Visual" or "PMC 2002 - UFUME - IMPEL." Each set of poles has metal crossbeams at the top with ceramic insulators. Distances between poles are between 4.7 m (15.5 feet) and 4.9 m (16 feet) apart. The line supports three transmission lines with a capacity of 161kV (Schmidt 2005). Pole numbers within the PSPP include the following: 4169089E, 124352, 124851, 4531840E, 124849, 124848, 4169087E, 4169088E, 124846, 124845, 4169085E, 4169086E, and 1562190E. The distance between each pole is approximately 236 m (775 feet). The line runs for 2.37 km (1.47 miles) within the PSPP. Most of the poles have nails with "57" or "65" stamped on the head.

*P3b. Resource Attributes: (See attributes and codes) HP39. Transmission Line

*P4. Resources Present: ☐ Building ☐ Structure ☐ Object ☒ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo:

(View, date, accession #) Tags and nails at site (09080081-N12-869)

*P6. Date Constructed / Age and

Sources: ☒ Historic
☐ Prehistoric ☐ Both

*P7. Owner and Address:

Bureau of Land Management
Palm Springs South Coast Field Office
1201 Bird Center Drive
Palm Springs, California 92262

*P8. Recorded by: (Name, affiliation, and address) M. Tennyson
EDAW, Inc.

1420 Kettner Boulevard, Suite 500
San Diego, California 92101

*P9. Date Recorded: 5/2/09

*P10. Survey Type: (Describe)
Intensive pedestrian survey

*P11. Report Citation: (Cite Survey report

and other sources, or enter "none.") Cultural Resources Class III Report for the Proposed Palen Solar Power Project Riverside County, California (Tennyson 2009)

*Attachments: ☐ None ☒ Location Map ☐ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Linear Resource Record ☒ Archaeological Record ☐ District Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List)

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # P-33-19415

HRI # _____

Trinomial CA-RIV-9854

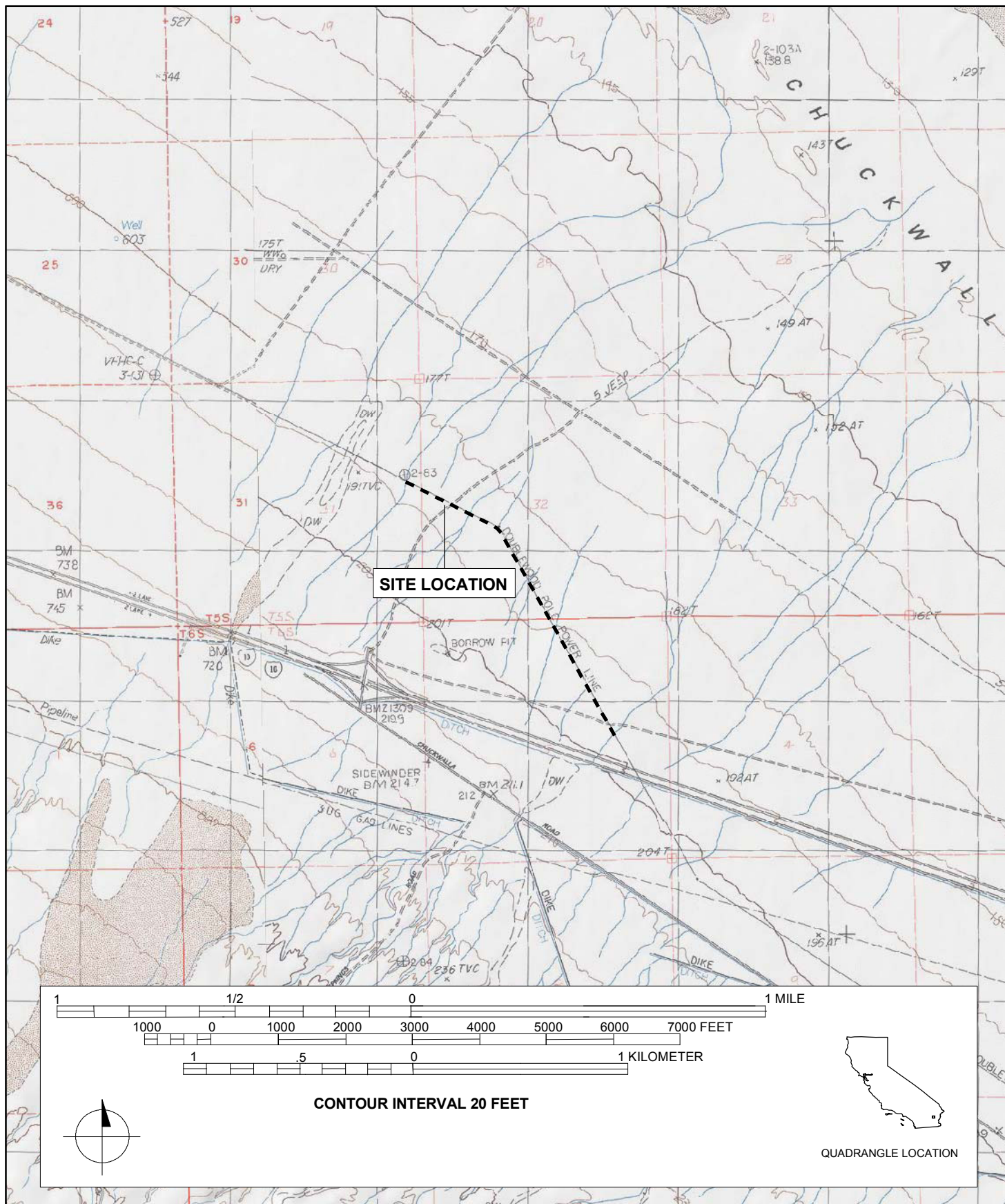
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* Resource Name or # (Assigned by recorder) SMP H 1024

* Map Name: Sidewinder Well, Calif. 7.5' Quadrangle

* Scale: 1:24,000

* Date of Map: 1983



ARCHAEOLOGICAL SITE RECORD

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*Resource Name or #: SMP-H-1024

- *A1. Dimensions: a. Length: 1.2 mi (1.9 km) (N/S) × b. Width: 45-50 ft (13.7-15.2) (E/W)
Method of Measurement: ☐ Paced ☐ Taped ☐ Visual estimate ☒ Other: Submeter GPS
Method of Determination (Check any that apply.): ☐ Artifacts ☒ Features ☐ Soil ☐ Vegetation ☐ Topography
☐ Cut bank ☐ Animal burrow ☐ Excavation ☐ Property boundary ☐ Other (Explain):
Reliability of Determination: ☒ High ☐ Medium ☐ Low Explain:
Limitations (Check any that apply): ☐ Restricted access ☐ Paved/built over ☐ Site limits incompletely defined
☐ Disturbances ☐ Vegetation ☐ Other (Explain): None
A2. Depth: ☒ None ☐ Unknown Method of Determination: Visual inspection
*A3. Human Remains: ☐ Present ☒ Absent ☐ Possible ☐ Unknown (Explain):

*A4. Features (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.):
Site SMP-H-1024 is a wood pole power line and associated access road that traverses the PSPP from the west and turns southeast and continues out of the PSPP to the south. The power line is the Blythe Eagle Mountain transmission line that runs from Eagle Mountain near Desert Center to the west to Blythe to the east. Within the Project area, there are 11 power poles, 10 are double wood poles and one is a triple wood pole. Many of the poles bear tags and markings indicating their date. Among these tags are 10-penny nails with either "57" or "65" on the head. Other tags bear the pole numbers or inspection tags that read "PMC 2002 – Visual" or "PMC 2002 – UFUME – IMPEL." Each set of poles has metal crossbeams at the top with ceramic insulators. Distances between poles are between 4.7 m (15.5 ft) and 4.9 m (16 ft) apart. The line supports three transmission lines with a capacity of 161kV (Schmidt 2005).

Pole numbers within the PSPP include the following: 4169089E, 124352, 124851, 4531840E, 124849, 124848, 4169087E, 4169088E, 124846, 124845, 4169085E, 4169086E, and 1562190E. The distance between each pole is approximately 236 m (775 ft). The line runs for 2.37 km (1.47 miles) within the PSPP. A graded dirt road parallels the transmission line. It measures between 3.35 m (11 ft) and 4.6 m (15 ft) across at various sections and is bisected by several active alluvial washes originating from an alluvial fan at the base of the Chuckwalla Mountains to the south.

*A5. Cultural Constituents (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.): None

*A6. Were Specimens Collected? ☒ No ☐ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

*A7. Site Condition: ☐ Good ☒ Fair ☐ Poor (Describe disturbances)

*A8. Nearest Water (Type, distance, and direction.): The nearest water source is an unnamed well located approximately 1.19 mi (1.91 km) north-northwest of the resource.

*A9. Elevation: 607 to 646 feet

A10. Environmental Setting (Describe culturally relevant variables such as vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc): The site is located on a stable alluvial fan cut by south/northwest-trending ephemeral drainages. Vegetation consists of sparse creosote. Sediments are tan to gray silty sands with poorly sorted gravels and small cobbles. The geology is sedimentary sand deposits and alluvium. The site is on a stable alluvial fan that transitions to sandy dunes near the edge of Palen playa.

A11. Historical Information: Unknown

*A12. Age: ☐ Prehistoric ☐ Protohistoric ☐ 1542-1769 ☐ 1769-1848 ☐ 1848-1880 ☐ 1880-1914 ☒ 1914-1945

☒ Post 1945 ☐ Undetermined Describe position in regional prehistoric chronology or factual historic dates if known: SMP-H-1024 does not appear on any historical topographic maps of the Project area, but the presence of nails with "57" stamped on the head would suggest that the line dates to at least 1957. It is unlikely the line was in existence before the late 1940s because the Town of Eagle Mountain, where the line terminates, was founded in 1948.

A13. Interpretations (Discuss data potential, function[s], ethnic affiliation, and other interpretations):

A14. Remarks: Various sites are located near SMP-H-1024, including SMP-H-1001, SMP-H-1002, SMP-H-1005, SMP-H-2004, and SMP-H-2008.

A15. References (Documents, informants, maps, and other references):

Schmidt, James

2005 Negative Archaeological Survey Report: Southern California Edison Company, Blythe-Eagle Mountain 161kV Deteriorated Pole Replacement Project. Report on file at Eastern Information Center, University of California, Riverside.

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record.):

Original Media/Negatives Kept at:

*A17. Form Prepared by: M. Tennyson, M. Garrett

Date: 08/07/2009

Affiliation and Address: EDAW, Inc.
1420 Kettner Boulevard, Suite 500
San Diego, California 92101

LINEAR FEATURE RECORD

Primary # P-33-19415

HRI #

Trinomial CA-RIV-9854

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Resource Name or #: (Assigned by recorder) SMP-H-1024

L1. Historic and/or Common Name: Blythe-Eagle Mountain Transmission Line

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:**

b. Location of point or segment: (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map)

Zone 11: 663081 mE/ 3729662 mN, Datum NAD 83

Zone 11: 664503mE/ 3727957 mN, Datum NAD 83

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)

The resource is a double wood power-pole and associated graded dirt access road that measures approximately 1.2 mi (1.9 km) by 45-50 ft (13.7-15.2 m) within the project limits. The site consists of 11 poles, 10 with two wooden poles and one with three wooden poles and is part of transmission line running between Eagle Mountain to the west and Blythe to the east.

L4. Dimensions: (In feet for historic features and meters for prehistoric features)

a. Top Width: N/A

b. Bottom Width: Between 11 and 15 ft.

c. Height or Depth: N/A

d. Length of Segment: 1.47 miles

L5. Associated Resources:

L4e. Sketch of Cross-Section (include scale) **Facing:**

L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)

The site is located on a stable alluvial fan cut by south/northwest-trending ephemeral drainages. Vegetation consists of sparse creosote. Sediments are tan to gray silty sands with poorly sorted gravels and small cobbles. The geology is sedimentary sand deposits and alluvium. The site is on a stable alluvial fan that transitions to sandy dunes near the edge of Palen playa.

L7. Integrity Considerations:

The site is in good condition. Several poles have been replaced, but many the line follows its original alignment and most original poles are still intact.

L8a. Photograph, Map or Drawing

L8b. Description of Photo, Map, or Drawing (View, scale, etc.)

L9. Remarks:

L10. Form Prepared by: (Name, affiliation, and address)

Matt Tennyson

EDAW, Inc.

1420 Kettner Blvd, Suite 500
San Diego, California 92101

L11. Date:

DPR 523E (1/95)

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # P-33-19415
HRI# _____
Trinomial CA-RIV-9854

Page 1 of 2

*Resource Name or #: (Assigned by recorder) SMP-H-1024

*Recorded by: M. Tennyson
AECOM
1420 Kettner Blvd, Suite 500
San Diego, CA 92101

*Date: 05/13/2010

☐ Continuation ☒ Update

***A14. Remarks:**

This site was originally recorded in 2009 by AECOM during surveys of the Palen Solar Power Project (PSPP). It is a double pole wooden power line. An additional segment crosses the transmission line corridor for the PSPP.

One pole from the power line is located in the 50-foot buffer north of the transmission line corridor. It is pole number 24874. It is similar to other poles identified in the project area in design and construction. It also features two nails with "65" on the left and "57" inscribed on their heads and a medallion that reads "PMC/2002/ UFUME IMPEL".

There is also a graded dirt road measuring 14 feet across to the immediate south of the pole. The road tends northwest to southeast and parallels the transmission line for 630 feet. It continues out of the survey area to the northwest and southeast.

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.")

Addendum 1 to the Cultural Resources Class III Survey Report for the Proposed Palen Solar Power Project, Riverside County, California. AECOM 2010

*Attachments: ☐ NONE ☒ Location Map ☐ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List):