



McDONALD·CARANO·WILSON<sup>®</sup>

Kathleen Drakulich  
[kdrakulich@mcdonaldcarano.com](mailto:kdrakulich@mcdonaldcarano.com)

Reply to: Reno

May 1, 2013

Breanne Potter  
Assistant Commission Secretary  
Public Utilities Commission of Nevada  
1150 East Williams Street  
Carson City, Nevada 89701

***Re: Initial Application of Mesa Solar Energy, LLC for Permit to Construct  
Solar Facilities Under the Utility Environmental Protection Act ("California  
Ridge Solar Project")***

Dear Ms. Potter:

Enclosed for filing please find the application of Mesa Solar Energy, LLC ("California Ridge Solar Project") for a Permit to Construct Solar Facilities under the Utility Environmental Protection Act pursuant to NRS 704.870.

Should you have any questions or concerns regarding this submission, please contact me directly at 775-326-4369.

Sincerely,

McDONALD CARANO WILSON LLP

Kathleen M. Drakulich

KMD/jaf  
encl:



**DRAFT NOTICE**  
**(Pursuant to NAC 703.162)**

Pursuant to Nevada Administrative Code (“NAC”) 703.162, the Commission requires that a draft notice be included with all applications, tariff filings, complaints and petitions. Please complete and include **ONE COPY** of this form with your filing. (Completion of this form may require the use of more than one page.)

**A title that generally describes the relief requested (see NAC 703.160(4)(a)):**

Application by Mesa Solar Energy, LLC for a Permit to Construct Utility Facilities Pursuant to the Utility Environmental Protection Act

**The name of the applicant, complainant, petitioner or the name of the agent for the applicant, complainant or petitioner (see NAC 703.160(4)(b)):**

Mesa Solar Energy, LLC (Applicant)

**A brief description of the purpose of the filing or proceeding, including, without limitation, a clear and concise introductory statement that summarizes the relief requested or the type of proceeding scheduled AND the effect of the relief or proceeding upon consumers (see NAC 703.160(4)(c)):**

The purpose of this Application is to obtain from the Public Utilities Commission of Nevada a permit under the Utility Environmental Protection Act to construct up to a nominal 200 megawatt (“MW”) AC solar photovoltaic (“PV”) generation facility, an approximately 3 to 4 mile aboveground 230 kilovolt (“kV”) transmission line, and associated facilities to be known as the “CALIFORNIA RIDGE SOLAR PROJECT” and referred to herein as the “Proposed Facilities.”

The Proposed Facilities will include, but not be limited to, up to a nominal 200 MW AC solar PV generation facility, an approximately 3 to 4 mile aboveground 230 kilovolt (“kV”) electric transmission line from the solar PV facility to Nevada Power Company’s Reid Gardner Substation or a nearby substation in Clark County, Nevada (approximately 36 miles northeast of Las Vegas), substation interconnection facilities, temporary work areas, access roads, operation and maintenance facilities and other ancillary facilities.

The Project location is situated approximately 2.5 miles southeast of Nevada Power Company’s Reid Gardner Generation Facility, adjacent to Interstate 15. The Project will be located primarily on public lands managed by the Bureau of Land Management within Clark County, Nevada. The Project’s 230 kV transmission line may cross some private lands.

The location of the solar generation facility will be within Sections 15, 16, 17, 20, 21, 22, 28, 29, 32 and 33 of Township 15 South, Range 66 East, M.D.B.M., Clark County, Nevada. It is anticipated that the Project will interconnect with Nevada Power Company’s Reid Gardner Substation within Section 5 of Township 15 South, Range 66 East, M.D.B.M. In

addition to those Sections referenced above, the associated transmission facilities may route through any of the following Sections: Sections 4, 8, 9 and 10 of Township 15 South, Range 66 East, M.D.B.M., all within Clark County, Nevada.

The Project falls within the definition of a “utility facility” set forth in NRS 704.860. Mesa Solar Energy, LLC submits its Application for authority to construct the Project in accordance with the provisions of the Nevada Utility Environmental Protection Act (NRS 704.820 through NRS 704.900 and NAC 703.415 through NAC 704.427) and the Commission’s rules and regulations thereunder, and respectfully requests that the Commission issue a UEPA permit pursuant to NRS 704.890.

**A statement indicating whether a consumer session is required to be held pursuant to Nevada Revised Statute (“NRS”) 704.069(1)<sup>1</sup>:**

A consumer session is not required pursuant to NRS 704.069 (1).

**If the draft notice pertains to a tariff filing, please include the tariff number AND the section number(s) or schedule number(s) being revised.**

N/A

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<sup>1</sup> NRS 704.069 states in pertinent part:

1. The Commission shall conduct a consumer session to solicit comments from the public in any matter pending before the Commission pursuant to NRS 704.061 to 704.110 inclusive, in which:
  - (a) A public utility has filed a general rate application, an application to recover the increased cost of purchased fuel, purchased power, or natural gas purchased for resale or an application to clear its deferred accounts; and
  - (b) The changes proposed in the application will result in an increase in annual gross operating revenue, as certified by the applicant, in an amount that will exceed \$50,000 or 10 percent of the applicant’s annual gross operating revenue, whichever is less.

 MCDONALD·CARANO·WILSON  
100 WEST LIBERTY STREET, 10<sup>th</sup> FLOOR • RENO, NEVADA 89501  
P.O. BOX 2670 • RENO, NEVADA 89505-2670  
PHONE 775-788-2000 • FAX 775-788-2020

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BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

IN THE MATTER OF:  
Application by MESA SOLAR ENERGY,  
LLC for a Permit to Construct Utility  
Facilities Pursuant to the provisions of the  
Utility Environmental Protection Act

Docket No: 13-05 \_\_\_\_\_

**INITIAL APPLICATION OF MESA SOLAR ENERGY, LLC FOR PERMIT TO  
CONSTRUCT ELECTRIC UTILITY FACILITIES**

**I. INTRODUCTION**

Pursuant to the Nevada Utility Environmental Protection Act (“UEPA”), and the provisions of Chapter 704 of the Nevada Revised Statutes (“NRS”) and Chapter 703 of the Nevada Administrative Code (“NAC”), Mesa Solar Energy, LLC (“MSE”), a Delaware limited liability company, hereby files an Initial Application with the Public Utilities Commission of Nevada (“Commission”) for a permit to construct up to a nominal 200 megawatt (“MW”) AC photovoltaic (“PV”) solar energy generating facility and ancillary facilities to be known as the “California Ridge Solar Project,” sometimes referred to herein as the “Project” or “Facility”.

All correspondence related to this Initial Application should be sent to the undersigned:

Luke Papez, Project Manager  
Mesa Solar Energy, LLC  
5000 Hopyard Road, Suite 480  
Pleasanton, CA 94588

Kathleen M. Drakulich  
McDonald Carano Wilson LLP  
100 West Liberty Street 10<sup>th</sup> Floor  
Reno, NV 89501

The Project consists of the development, construction, operation, maintenance and repair of the Facility in northeastern Clark County, Nevada. The Project will include solar photovoltaic generating and control equipment, and related civil infrastructure, access roads, electrical distribution and transmission facilities, interconnection facilities, temporary work areas, operation and maintenance facilities and other ancillary facilities. The Project will interconnect

1 at Nevada Power Company’s Reid Gardner Substation or a nearby substation via a 230 kilovolt  
2 (“kV”) generation intertie (“gen-tie”).

3 The Project will be located primarily on public lands managed by the U.S. Department of  
4 Interior Bureau of Land Management (“BLM”) within Clark County, Nevada.

5 The Project falls within the definition of a “utility facility” set forth in NRS 704.860.  
6 Accordingly, MSE submits its application for authority to construct the Project in accordance  
7 with NRS 704.865 and 704.870 and NAC 703.421, and respectfully requests that the  
8 Commission issue a UEPA permit pursuant to NRS 704.890.

9 This application is an Initial Application under NRS 704.870(2)(a), and an amended and  
10 more detailed application will be submitted by MSE pursuant to NRS 704.870(2)(b) following  
11 further review and action upon the Project by BLM pursuant to the National Environmental  
12 Protection Act (“NEPA”), 42 U.S.C § 4321 and preparation of an Environmental Assessment or  
13 an Environmental Impact Statement. This Initial Application is being filed concurrently with the  
14 filing of the SF 299 application with the BLM. No later than 30 days after the issuance of the  
15 final federal environmental document, MSE will file an amended application with the  
16 Commission pursuant to NRS 704.870(2)(b).

17 MSE requests that the Commission accept this Initial Application under UEPA as  
18 complying with the statutory and regulatory requirements set forth herein. Upon submission of  
19 the amended application, MSE will seek approval for a Permit to Construct the Project.

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**II. INFORMATION REQUIRED BY NAC 703.421**

The following application was prepared pursuant to NRS 704.870.2(a). The content and form of the application follows NAC 703.421.

**1. A general description of the location of the proposed utility facility--NAC 703.421.1**

*1. A general description of the location of the proposed utility facility, including a regional map that identifies the location of the proposed utility facility.*

The Project location is situated approximately 2.5 miles southeast of Nevada Power Company's Reid Gardner Generation Facility, adjacent to Interstate 15. The Project will be located primarily on public lands managed by the BLM within Clark County, Nevada. The Project's 230 kV gen-tie may cross some private lands. The map provided in Exhibit 1 identifies the general location of the Project.

The location of the solar generation facility will be within Sections 15, 16, 17, 20, 21, 22, 28, 29, 32 and 33 of Township 15 South, Range 66 East, M.D.B.M., Clark County, Nevada. It is anticipated that the Project will interconnect with Nevada Power Company's Reid Gardner Substation within Section 5 of Township 15 South, Range 66 East, M.D.B.M. In addition to those Sections referenced above, the associated transmission facilities may route through any of the following Sections: Sections 4, 8, 9 and 10 of Township 15 South, Range 66 East, M.D.B.M., all within Clark County, Nevada.

*a. A regional map that identifies the location of the proposed facility.*

The map provided in Exhibit 1 identifies the regional location of the Project.

*b. Any alternative locations for the proposed utility facility.*

BLM will conduct an analysis pursuant to the National Environmental Policy Act ("NEPA") to evaluate environmental impacts that would result from construction, operation, and

1 maintenance of the Project. The analysis may include evaluation of alternative sites, solar field  
2 configurations, project boundaries, and transmission alignments.

3 *c. The reasons why the location identified in paragraph (a) is best suited for the proposed*  
4 *utility facility.*

5 Preliminary analyses indicate that the Project location is well suited for development of a  
6 solar PV generation facility. The Project is in an area of high solar intensity, favorable terrain  
7 features, within close proximity to existing infrastructure, and adjacent to an existing  
8 transmission corridor and substation. The NEPA review will be used to further analyze site  
9 suitability and determine the final configuration.

10 **2. A general description of the proposed utility facility as required by subsection 2 of**  
11 **NRS 704.870--NAC 703.421.2**

12 *a. The size and nature of the proposed utility facility.*

13 The proposed Project consists of generation, transmission, and ancillary facilities which  
14 will include: a) up to a nominal 200 MW AC solar PV generating facility, b) an approximately 3  
15 to 4 mile aboveground 230 kV alternating current (“AC”) gen-tie transmission line and  
16 applicable interconnection facilities at Reid Gardner Substation or a nearby substation, and c)  
17 generation control and common services areas, access roads, and other related facilities.

18 The solar generation facility will be comprised of PV arrays with individual PV modules,  
19 mounting structures, electrical wiring, power conditioning equipment including inverters and  
20 transformers, and an electrical collector and control system that transmits power from the PV  
21 arrays to the facility’s onsite substation. The PV modules would be mounted on racks that would  
22 be supported by support structures, placed, anchored or driven into the ground. The PV modules  
23 will be arranged in arrays as either: 1) fixed tilt and oriented south or southwest or 2) a  
24 single-axis-tracking system aligned on a north-south axis and that tracks the sun from east to

1 west. The final PV array field footprint and design will depend on the specific technology and  
2 supplier chosen at the time of final design.

3  
4 Generation from the PV arrays will be aggregated at inverter stations, collected and  
5 delivered to a substation and stepped up to the distribution voltage. The substation would  
6 include transformers, circuit breakers, capacitor banks, electrical bus work, meters, disconnect  
7 switches and an electrical control structure. Lightning arresters, overhead shield wires, and  
8 lightning masts would be installed in the substation to protect against over-voltages caused by  
9 lightning strikes.

10 The above ground 230 kV AC gen-tie transmission line will be located within an  
11 approximately 120-foot wide right-of-way from the Project to the point of interconnection. The  
12 gen-tie may utilize self-supporting steel lattice towers, steel H-frames, steel monopoles, or other  
13 types of transmission structures as appropriate. The exact tower height, tower span, and  
14 conductor clearance at each location will be governed by topography and applicable safety  
15 requirements.

16 Other components of the Project include common service areas, access roads, and other  
17 ancillary facilities including operations and maintenance (O&M) facilities, water treatment  
18 systems, water storage, employee parking, security, lighting, fire protection, and other support  
19 facilities to control, protect and support the proposed facility and its operation.

20 New or improved roads may be constructed as needed to providing access to the Project  
21 area, gen-tie transmission line, and ancillary facilities. The Project's gen-tie may also require the  
22 crossing of various electrical distribution and transmission lines along its alignment.

23  
24 *b. The natural resources that will be used during construction and operation of  
the proposed utility facility.*

1 Water will be used during construction of the Project if necessary to control dust  
2 emissions and may be used during operations to wash the PV panels. Water will be trucked in  
3 from a commercial vendor or purchased locally from private sources. Some blading and blasting  
4 of soils and rocks may be required to accommodate preparation of the solar field, access roads  
5 and transmission structure sites. Restoration of temporary disturbance areas may be required by  
6 BLM using appropriate techniques and seed mixtures.

7  
8 **3. A Summary of any studies which the Applicant anticipates will be made of the**  
9 **environmental impact of the proposed utility facility as required by subsection 2 of NRS**  
10 **704.870, including a copy of all corresponding studies filed with appropriate federal**  
11 **agencies --NAC 703.421.3**

12 As part of the NEPA review, BLM will specify the various environmental studies that are  
13 required. These studies may include an Environmental Assessment or Environmental Impact  
14 Statement, Biological Assessment, Cultural Resource Report, and other studies as prescribed by  
15 BLM. The environmental studies conducted will be submitted as part of the Amended  
16 Application.

17  
18 **4. A copy of the public notice of the application and proof of the publication of the public**  
19 **notice, as required by subsection 4 of NRS 704.870-- NAC 703.421.4**

20 Public notice of this application was made in the Las Vegas Review-Journal on May 1,  
21 2013, and the Moapa Valley Progress on May 1, 2013. A copy the public notice and the  
22 affidavits of publication are attached as Exhibit 2.

23  
24 **5. Proof that a copy of the application has been submitted to the Nevada State**  
25 **Clearinghouse within the Department of Administration to enable agency review and**  
26 **comment-- NAC 703.421.5**

27 A copy of this Initial Application has been submitted to the Regulatory Operations Staff  
28 of the Commission, the Nevada Attorney General's Bureau of Consumer Protection, Nevada

1 State Clearinghouse, the Nevada Department of Conservation and Natural Resources Division of  
2 Environmental Protection, the Clark County Clerk, the Clerk for the City of Mesquite, Nevada,  
3 and others. Refer to Certificate of Service provided in Exhibit 3.

4  
5 **6. NRS 701.600-640: Proof of Compliance with the Nevada Department of Wildlife  
6 Energy Cost Recovery Fund Program.**

7 NRS 701.610 provides that a person who files an application with the Federal  
8 Government for a lease or easement for a right-of-way for an energy development project or an  
9 application with the Public Utilities Commission of Nevada or any county in the state of Nevada  
10 relating to the construction of an energy development project must, concurrently with the filing  
11 of the application, file a notice of the energy development project with the Department of  
12 Wildlife. Exhibit 4 is the notice filed with the Nevada Department of Wildlife in compliance  
13 with NRS 701.600-640.

14 **III. CONCLUSION**

15 MSE respectfully requests that the Commission, after a full review of the information

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presented herein, and after submission of an Amended Application pursuant to NRS  
704.870(2)(b), issue a UEPA permit to MSE to construct the proposed facilities.

Respectfully submitted this 1<sup>st</sup> day of May, 2013.



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Kathleen M. Drakulich, Esq.  
Nevada Bar No. 2759  
McDonald Carano Wilson LLP  
2300 W Sahara Ave. Ste 1000  
Las Vegas NV 89102  
Tel: 702-873-4100  
Fax: 702-873-9966

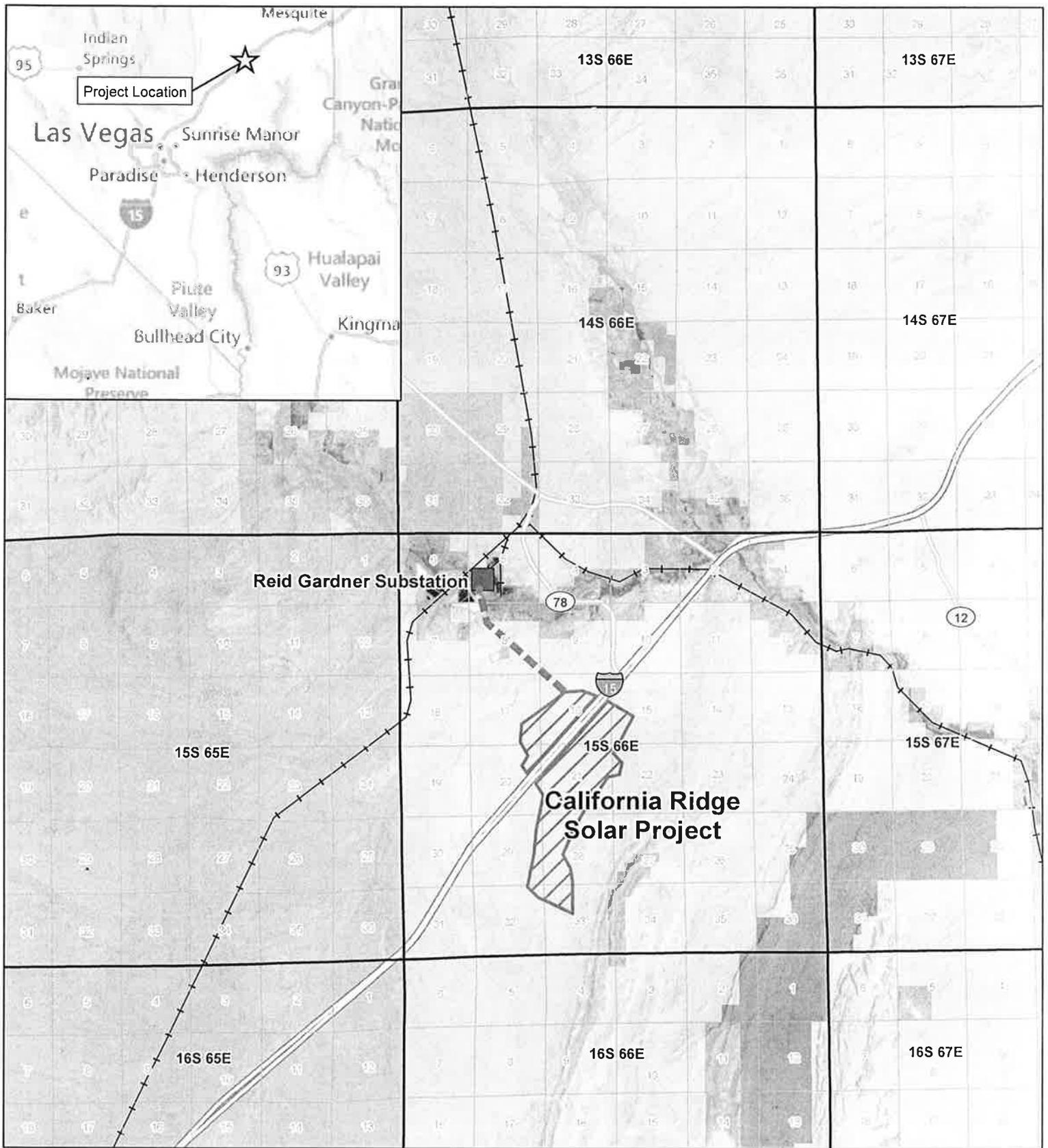
McDonald Carano Wilson, LLC  
100 West Liberty Street, 10<sup>th</sup> Floor  
Reno, NV 89501  
Tel: 775-788-2000  
Fax: 775-788-2020  
Email: [kdrakulich@mcdonaldcarano.com](mailto:kdrakulich@mcdonaldcarano.com)

Counsel for: Mesa Solar Energy, LLC

## **List of Exhibits**

- Exhibit 1            Regional Project Map**
- Exhibit 2            Public Notice and Affidavits of Publication**
- Exhibit 3            Proof of Service**
- Exhibit 4            Proof of Compliance with the Nevada Department of  
Wildlife Energy Cost Recovery Fund Program**

**Exhibit 1**  
**Regional Project Map**



**Legend**

-  California Ridge Solar Project
-  Approximate Gen-tie Alignment
-  Existing Substation
-  Township
-  Section
-  BLM
-  BIA
-  BOR
-  FWS
-  State of Nevada

**California Ridge Solar Project**  
Mesa Solar Energy, LLC

April 29, 2013



**Exhibit 2**  
**Public Notice and Affidavits of Publication**

**BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA  
NOTICE OF APPLICATION FOR PERMIT TO CONSTRUCT ELECTRIC  
UTILITY FACILITIES**

NOTICE IS HEREBY GIVEN that MESA SOLAR ENERGY, LLC (“Applicant”) will file with the Public Utilities Commission of Nevada (“Commission”) an Application for a Permit to Construct Electric Utility Facilities under the Utility Environmental Protection Act (“UEPA Permit”) as follows:

Applicant plans to construct and operate an up to a nominal 200 megawatt (“MW”) AC solar photovoltaic (“PV”) generation facility and associated facilities known as the “California Ridge Solar Project” and referred to herein as the “Proposed Facilities” or the “Project.” The Proposed Facilities will include, but not be limited to, an up to a nominal 200 MW AC solar PV generation facility, an approximately 3 to 4 mile aboveground 230 kilovolt (“kV”) electric transmission line from the solar PV facility to Nevada Power Company’s Reid Gardner Substation or another nearby substation in Clark County, Nevada (approximately 36 miles northeast of Las Vegas), substation interconnection facilities, temporary work areas, access roads, operation and maintenance facilities and other ancillary facilities.

The Project location is situated approximately 2.5 miles southeast of Nevada Power Company’s Reid Gardner Generation Facility, adjacent to Interstate 15. The Project will be located primarily on public lands managed by the Bureau of Land Management within Clark County, Nevada. The Project’s 230 kV transmission line may cross some private lands.

The location of the solar generation facility will be within Sections 15, 16, 17, 20, 21, 22, 28, 29, 32 and 33 of Township 15 South, Range 66 East, M.D.B.M., Clark County, Nevada. It is anticipated that the Project will interconnect with Nevada Power Company’s Reid Gardner Substation within Section 5 of Township 15 South, Range 66 East, M.D.B.M. In addition to those Sections referenced above, the associated transmission facilities may route through any of the following Sections: Sections 4, 8, 9 and 10 of Township 15 South, Range 66 East, M.D.B.M., all within Clark County, Nevada.

The Application for a UEPA Permit will be filed under and governed by the provisions of the Nevada Utility Environmental Protection Act (NRS 704.820 through NRS 704.900 and NAC 703.415 through NAC 704.427) and the Commission’s rules and regulations thereunder. The Application will contain, among other things, a general description of the Proposed Facilities, a summary of the studies that the Applicant anticipates will be made of the environmental impact of the Proposed Facilities, and other information as may be required or relevant. Protests and written comments about the granting of the UEPA permit must be filed with the Commission as provided by law. Pursuant to NRS 704.870(2), the Application will be filed as an initial UEPA application, and an

amended application will be filed after BLM's completion of National Environmental Policy Act documentation for the Proposed Facilities.

A copy of the Application will be available on the Commission's website. Additional information about the UEPA process and a person's right to participate in that process can be found in the Nevada Revised Statutes and the Nevada Administrative Code.

AFFIDAVIT OF PUBLICATION

STATE OF NEVADA)
COUNTY OF CLARK) SS:

Stacey M. Lewis, being 1st duly sworn, deposes and says: That she is the Legal Clerk for the Las Vegas Review-Journal and the Las Vegas Sun, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy attached for,

MCDONALD CARANO WILSON 7882000MCD 8482085

was continuously published in said Las Vegas Review-Journal and / or Las Vegas Sun in 1 edition(s) of said newspaper issued from 05/01/2013 to 05/01/2013, on the following days:

05/01/2013

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA
NOTICE OF APPLICATION FOR PERMIT TO CONSTRUCT ELECTRIC UTILITY FACILITIES
NOTICE IS HEREBY GIVEN that MESA SOLAR ENERGY, LLC ("Applicant") will file with the Public Utilities Commission of Nevada ("Commission") an Application for a Permit to Construct Electric Utility Facilities under the Utility Environmental Protection Act ("UEPA Permit") as follows:

Applicant plans to construct and operate an up to a nominal 200 megawatt ("MW") AC solar photovoltaic ("PV") generation facility and associated facilities known as the "California Ridge Solar Project" and referred to herein as the "Proposed Facilities" or the "Project." The Proposed Facilities will include, but not be limited to, an up to a nominal 200 MW AC solar PV generation facility, an approximately 3 to 4 mile aboveground 230 kilovolt ("kV") electric transmission line from the solar PV facility to Nevada Power Company's Reid Gardner Substation or another nearby substation in Clark County, Nevada (approximately 36 miles northeast of Las Vegas), substation interconnection facilities, temporary work areas, access roads, operation and maintenance facilities and other ancillary facilities. The Project location is situated approximately 2.5 miles southeast of Nevada Power Company's Reid Gardner Generation Facility, adjacent to Interstate 15. The Project will be located primarily on public lands managed by the Bureau of Land Management within Clark County, Nevada. The Project's 230 kV transmission line may cross some private lands. The location of the solar generation facility will be within Sections 15, 16, 17, 20, 21, 22, 28, 29, 32 and 33 of Township 15 South, Range 66 East, M.D.B.M., Clark County, Nevada. It is anticipated that the Project will interconnect with Nevada Power Company's Reid Gardner Substation within Section 5 of Township 15 South, Range 66 East, M.D.B.M. In addition to those sections referenced above, the associated transmission facilities may route through any of the following Sections: Sections 4, 8, 9 and 10 of Township 15 South, Range 66 East, M.D.B.M., all within Clark County, Nevada. The Application for a UEPA Permit will be filed under and governed by the provisions of the Nevada Utility Environmental Protection Act (NRS 704.820 through NRS 704.900 and NAC 703.415 through NAC 704.427) and the Commission's rules and regulations thereunder. The Application will contain, among other things, a general description of the Proposed Facilities, a summary of the studies that the Applicant anticipates will be made of the environmental impact of the Proposed Facilities, and other information as may be required or relevant. Protests and written comments about the granting of the UEPA permit must be filed with the Commission as provided by law. Pursuant to NRS 704.870(2), the Application will be filed as an initial UEPA application, and an amended application will be filed after BLM's completion of National Environmental Policy Act documentation for the Proposed Facilities. A copy of the Application will be available on the Commission's website. Additional information about the UEPA process and a person's right to participate in that process can be found in the Nevada Revised Statutes and the Nevada Administrative Code.

MARY A. LEE
Notary Public State of Nevada
No. 09-8941-1
My Appt. Exp. Nov. 13, 2016

Signed: Stacey M. Lewis

SUBSCRIBED AND SWORN BEFORE ME THIS, THE 1st day of May, 2013.

Mary Lee
Notary Public

PUB: May 1, 2013
LV Review-Journal

# Moapa Valley PROGRESS

Laura Robison  
Office Manager  
PO BOX 430  
Overton, NV 89040  
Office: (702) 397-6246  
Fax: (702) 397-6247  
progress2@mvdsl.com

## AFFIDAVIT OF PUBLICATION

State of Nevada, Clark County

I, Laura R. Robison, Office Manager of the Moapa Valley Progress, a weekly newspaper published in Moapa Valley, Clark County, Nevada, being duly sworn hereby certify that the following advertisement appeared in the Moapa Valley Progress:

Public Notice  
California Ridge Solar project

A copy of the above described advertising is hereon attached.  
It was published in the Moapa Valley Progress on this date(s):

May 1, 2013

Signed before a Notary Public:

Signature: Laura R Robison Date: 5-1-13

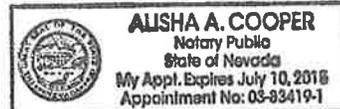
State of Nevada, County of Clark

This instrument was acknowledged before me Alisha A Cooper (notary public)

On 1 May 2013 (date) by Laura R Robison (person signing

document)

Alisha A Cooper  
Notary Public Signature exp date 7/10/15



**Exhibit 3**  
**Proof of Service**

**CERTIFICATE OF SERVICE**

I hereby certify that I have on this 1<sup>st</sup> day of May, 2013, caused to be served by either electronic mail or U.S. Mail, a true and correct copy of the foregoing document on each of the persons identified on the following list:

Regulatory Staff  
Public Utilities Commission of Nevada  
1150 E William  
Carson City NV 89701  
pucn.sc@puc.nv.gov

Eric Witkoski  
Chief Deputy Attorney General  
Bureau of Consumer Protection  
555 E Washington St, Ste 3900  
Las Vegas NV 89101  
bcpserv@ag.nv.gov  
ewitkoski@ag.nv.gov

Tammy Cordova, Staff Counsel  
Public Utilities Commission of Nevada  
101 Convention Center Dr, Ste 250  
Las Vegas NV 89109  
tcordova@puc.nv.gov

Nevada State Clearing House  
209 E Musser St., Room 200  
Carson City NV 89701  
clearinghouse@budget.state.nv.us

Misti Gower  
Nevada Division of Environmental  
Protection  
901 S Stewart St., Ste 4001.  
Carson City NV 89701  
mgower@ndep.nv.gov

Nevada Dept of Conservation and  
Natural Resources  
c/o Nevada State Clearing House  
901 S Stewart St., Ste 5001  
Carson City NV 89701  
clearinghouse@budget.state.nv.us

Cherry Lawson  
City Clerk – City of Mesquite Nevada  
10 East Mesquite Blvd  
Mesquite NV 89027  
clawson@mequite.nv.gov

Diana Alba  
Clark County Clerk  
200 Lewis Ave., 5<sup>th</sup> Fl  
PO Box 551601  
Las Vegas NV 89155  
clerkem@clarkcountyNV.gov



An employee of McDonald Carano Wilson LLP

 **McDONALD·CARANO·WILSON**  
100 WEST LIBERTY STREET, 10<sup>th</sup> FLOOR • RENO, NEVADA 89501  
PO BOX 2670 • RENO, NEVADA 89505-2670  
PHONE 775-788-2000 • FAX 775-788-2020

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**Exhibit 4**

**Proof of Compliance with the Nevada Department of Wildlife  
Energy Cost Recovery Fund Program**



# Application for Energy Projects "Fund for the Recovery of Costs"

NRS Sections: 701.600 - 701.640

NAC Section: LCB R-038

Applicant:

- Self
- Private Company
- Government Agency
- Other \_\_\_\_\_

Project Name California Ridge Solar Project

Applicant Mesa Solar Energy, LLC

Mailing Address 5000 Hopyard Road, Suite 480

City Pleasanton State CA Zip Code 94588

Name of Contact Luke Papez Phone 636-534-3233 Email lpapez@lspower.com

Name of Responsible Corporate Officer/Agency Rep. Kevin Johnson Title Vice President

**Type of Project**

- Solar
- Wind
- Geothermal
- Fossil Fuel
- Powerline
- Biomass

Net Maximum Generation Capacity 200 MW Estimated Design Voltage (if a powerline project) 230 kV

Proposed Project Size (in acres) Current study area is approx. 1,540 acres

Proposed Length of Powerline (in miles) approx. 3 to 4 miles

Proposed Length of Fuel Lines (in miles for pipeline projects) N/A

Other notable infrastructure such as evaporation pond, electrical substation (in acres) Anticipated ancillary facilities noted in Attachment 1

Project Description (use additional sheet if necessary)

See Attachment 1

Proposed County Location (map to accompany notice) Clark County (see Attachment 2)

Estimated Project Schedule (graphic attachment acceptable)

Development: April 2013 - January 2015

Construction: February 2015 - June 2016

Commence Operations: June 2016

Applicant Signature *Robert Colozza* Date 4-30-2013

ROBERT COLOZZA, SENIOR VICE PRESIDENT

Enclose initial payment made out to : Nevada Department of Wildlife in the amount of **\$5,000** for powerline projects greater than 50kV and less than 50 miles in length or Geothermal or Fossil Fuel power production projects, and **\$10,000** for powerline projects greater than 50kV and more than 50 miles in length, Solar or Wind power production projects.

Submit payment with application to: Nevada Department of Wildlife  
Habitat Division  
1100 Valley Road  
Reno, NV 89512

**Attachment 1**

**Project Description  
California Ridge Solar Project**

Mesa Solar Energy, LLC proposes to develop, construct, operate, maintain and repair up to a nominal 200 megawatt (“MW”) AC photovoltaic (“PV”) solar energy generating facility and ancillary facilities to be known as the “California Ridge Solar Project,” sometimes referred to herein as the “Project” or “Facility”. The Project location is situated approximately 2.5 miles southeast of Nevada Power Company’s Reid Gardner Generation Facility, adjacent to Interstate 15. The Project will be located primarily on public lands managed by the U.S. Department of Interior Bureau of Land Management (“BLM”) within Clark County, Nevada.

The proposed Project consists of generation, transmission, and ancillary facilities which will include: a) up to a nominal 200 MW AC solar PV generating facility, b) an approximately 3 to 4 mile aboveground 230 kilovolt (“kV”) alternating current (“AC”) generation intertie (“gen-tie”) transmission line and applicable interconnection facilities at Reid Gardner Substation or a nearby substation, and c) generation control and common services areas, access roads, and other related facilities.

The solar generation facility will be comprised of PV arrays with individual PV modules, mounting structures, electrical wiring, power conditioning equipment including inverters and transformers, and an electrical collector and control system that transmits power from the PV arrays to the facility’s onsite substation. The PV modules would be mounted on racks that would be supported by support structures, placed, anchored or driven into the ground. The PV modules will be arranged in arrays as either: 1) fixed tilt and oriented south or southwest or 2) a single-axis-tracking system aligned on a north-south axis and that tracks the sun from east to west. The final PV array field footprint and design will depend on the specific technology and supplier chosen at the time of final design.

Generation from the PV arrays will be aggregated at inverter stations, collected and delivered to a substation and stepped up to the distribution voltage. The substation would include transformers, circuit breakers, capacitor banks, electrical bus work, meters, disconnect switches and an electrical control structure. Lightning arresters, overhead shield wires, and lightning masts would be installed in the substation to protect against over-voltages caused by lightning strikes.

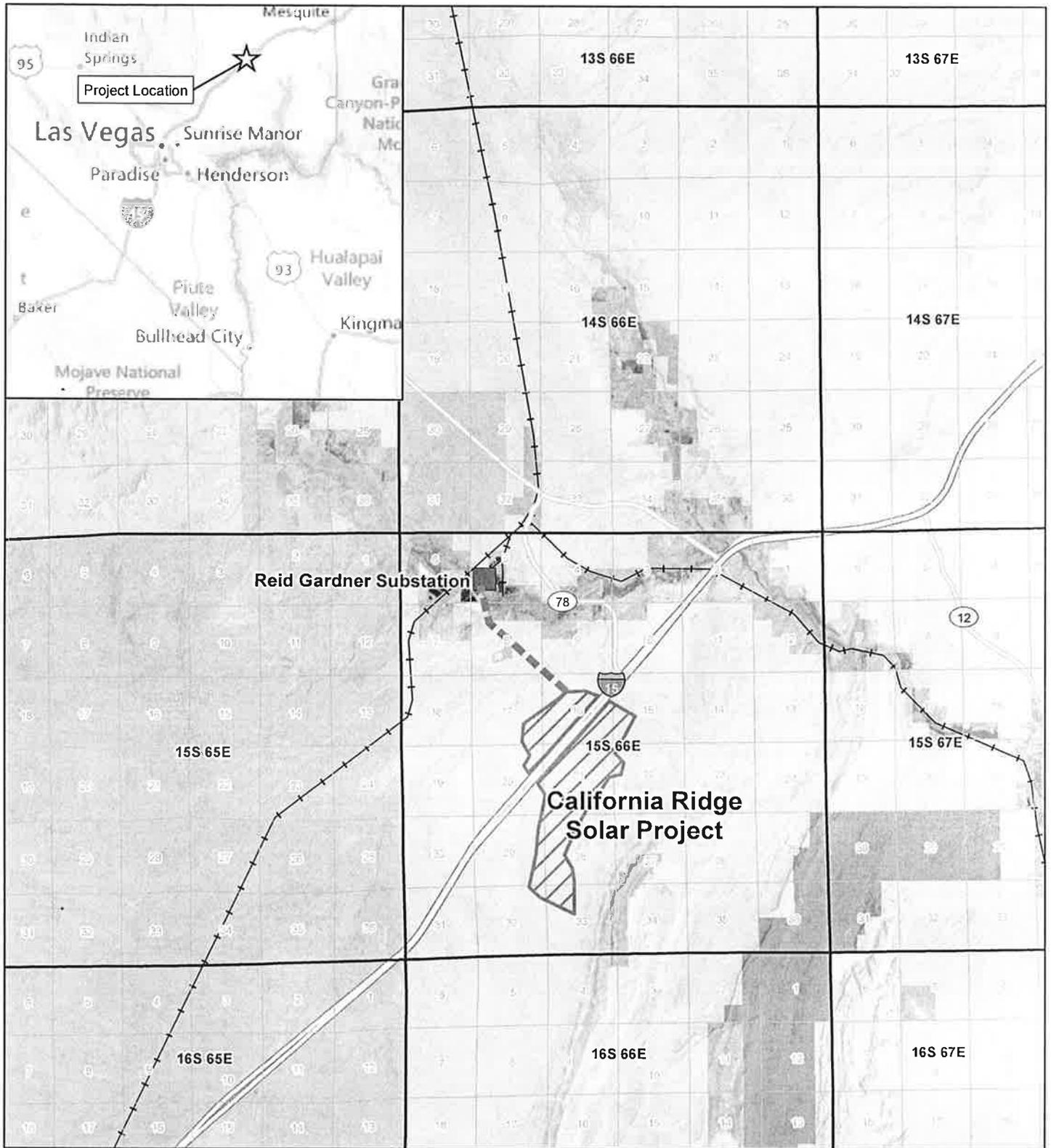
The above ground 230 kV AC gen-tie transmission line will be located within an approximately 120-foot wide right-of-way from the Project to the point of interconnection. The gen-tie may utilize self-supporting steel lattice towers, steel H-frames, steel monopoles, or other types of transmission structures as appropriate. The exact tower height, tower span, and conductor clearance at each location will be governed by topography and applicable safety requirements.

Other components of the Project include common service areas, access roads, and other ancillary facilities including operations and maintenance (O&M) facilities, water treatment systems, water storage, employee parking, security, lighting, fire protection, and other support facilities to control, protect and support the proposed facility and its operation.

New or improved roads may be constructed as needed to providing access to the Project area, gen-tie transmission line, and ancillary facilities. The Project's gen-tie may also require the crossing of various electrical distribution and transmission lines along its alignment.

**Attachment 2**

**Regional Project Map  
California Ridge Solar Project**



**Legend**

-  California Ridge Solar Project
-  Approximate Gen-tie Alignment
-  Existing Substation
-  Township
-  Section
-  BLM
-  BIA
-  BOR
-  FWS
-  State of Nevada

**California Ridge Solar Project**  
Mesa Solar Energy, LLC

April 29, 2013

