

STATE OF NEVADA  
**PUBLIC UTILITIES COMMISSION OF NEVADA**

1150 E. William Street  
 Carson City, Nevada 89701-3109

No. 42050

**R E C E I P T**

Received from

Date 5/13/2013

LEWIS AND ROCA LLP LAWYERS  
 3993 HOWARD HUGHES PKWY STE 600  
 LAS VEGAS, NV 89169

AMOUNT \$ 200.00

TWO HUNDRED ----- and 00/100 Dollars

How Paid	Cash <input type="checkbox"/>	Check 616276	Money Order	Draft
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Type of Receipt	Filing Fee <input checked="" type="checkbox"/>	TDD <input type="checkbox"/>	Copy Service <input type="checkbox"/>	UEC <input type="checkbox"/>	Mill or CMRS <input type="checkbox"/>	Other <input type="checkbox"/>
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Invoice#:

**Memo**

New Filing

Received by ET

2013 MAY 13 AM 11:54

**VIA HAND DELIVERY**

May 13, 2013

Donna Skau  
Commission Secretary  
Public Utilities Commission of Nevada  
1150 E. William Street  
Carson City, NV 89701-3109

**Re: Docket No. 13-\_\_\_\_\_ -- Initial Application of Southern California Edison Company for a Permit to Construct a new 220 kV substation and associated facilities under the Utility Environmental Protection Act**

Dear Ms. Skau:

Enclosed for filing, please find the Initial Application of Southern California Edison Company ("SCE") for a permit to Construct a new 220 kV substation and associated facilities under the Utility Environmental Protection Act ("UEPA"). Specifically, please find the following:

1. Initial Application for a Permit to Construct a new 220 kW substation and associated facilities under UEPA;
2. Exhibits 1 through 6, including the required Public Notice, Proof of Publication and Proof of Service; and
3. Check payable to the Public Utilities Commission of Nevada ("Commission") in the amount of \$200 to cover the necessary filing fee.

SCE respectfully requests that the Commission accept this Initial Application under UEPA as complying with the statutory and regulatory requirements. SCE will submit an Amended Application after the Bureau of Land Management has completed its environmental review and issued a supplemental environmental impact statement for the project.

Thank you for your anticipated assistances on this matter, and please feel free to contact me if you have any questions.

Best regards,

LEWIS AND ROCA LLP



Timothy M. Clausen

TMC/cd  
Enclosures

**PUBLIC UTILITIES COMMISSION OF NEVADA**  
**DRAFT NOTICE**  
**(Applications, Tariff Filings, Complaints, and Petitions)**

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)):

**Initial Application of Southern California Edison Company for a Permit to Construct a new 220 kV substation and associated facilities under 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)):

**Southern California Edison Company**

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)):

**Southern California Edison Company is applying with the Public Utilities Commission of Nevada for a Permit to Construct a new 220 kV substation and associated facilities under the Utility Environmental Protection Act. This proceeding will have no impact upon consumers.**

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

N/A

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

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Application of Southern California Edison Company for a Permit to Construct a new 220 kV substation and associated facilities under the Utility Environmental Protection Act

Docket No. 13-\_\_\_\_\_

INITIAL APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY FOR A PERMIT TO CONSTRUCT A NEW SUBSTATION AND ASSOCIATED FACILITIES UNDER THE UTILITY ENVIRONMENTAL PROTECTION ACT

TABLE OF CONTENTS

I. Introduction... 1
II. Information Regarding the Applicant ... 3
III. Responses to Required Disclosures... 3
A. General Description of the Location of the Facility... 3
B. General Description of the Facility... 5
C. Environmental Studies ... 7
D. Proof of Public Notice ... 8
E. Proof of Service to the Nevada Clearinghouse ... 8
IV. Conclusion ... 9
V. Appendix ... 10
Exhibit 1 - Project Site Maps
Exhibit 2 - Regional Map
Exhibit 3 - Alternative Sites Map
Exhibit 4 - Public Notice
Exhibit 5 - Proof of Publication
Exhibit 6 - Certificate of Service

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**BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA**

Application of Southern California Edison )  
Company for a Permit to Construct a new )  
220 kV substation and associated facilities ) Docket No. 13-\_\_\_\_\_  
under the Utility Environmental Protection Act )  
\_\_\_\_\_ )

**INITIAL APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY  
FOR A PERMIT TO CONSTRUCT A NEW SUBSTATION AND ASSOCIATED  
FACILITIES UNDER THE UTILITY ENVIRONMENTAL PROTECTION ACT**

Southern California Edison Company (“SCE”) hereby submits to the Public Utilities Commission of Nevada (the “Commission”) its initial application (“Application”) for a permit to construct a 220 kV substation and associated facilities under the Utility Environmental Protection Act (“UEPA”). The Application is made pursuant to Sections 704.820 to 704.900 of the Nevada Revised Statutes and Sections 703.415 to 703.427 of the Nevada Administrative Code. In support of the Application, SCE hereby submits the following information and evidence.

**I. Introduction**

SCE proposes to construct the Primm Substation, which is a new 220 kV substation and associated facilities (the “Project”) that will interconnect Silver State Solar Power South’s (“Silver State”) 250 MW solar project (“Solar Project”) to SCE’s existing Eldorado-Ivanpah No.2 220 kV Transmission Line. The Project will be located on federal land managed by the U.S. Bureau of Land Management (“BLM”), located approximately three (3) miles northeast of Primm, Nevada in Clark County.

UEPA establishes a two-step application procedure for facilities subject to federal permitting and environmental review. See NRS 704.870. If a federal agency is required to conduct an environmental analysis of a proposed utility facility, the project’s proponent is also required to file an application with the Commission that provides notice of the federal filing. See NRS 704.870(2)(a). The initial application must include:

- 1 (a) A description of the location and of the utility facility to be  
2 built thereon;
- 3 (b) A summary of any studies which have been made on the  
4 environmental impact of the facility; and
- 5 (c) A description of any reasonable alternate location or locations  
6 for the proposed facility, a description of the comparative  
7 merits or detriments of each location submitted, and a  
8 statement of the reasons why the primary proposed location is  
9 best suited for the facility.

10 See NRS 704.870(1).

11 In addition, the initial application must be filed with the Administrator of the Division of  
12 Environmental Protection of the State Department of Conservation and Natural Resources. See  
13 NRS 704.870(3). Further, the application must be accompanied by proof of service that a copy  
14 was filed with the clerk of each local government in the area in which any portion of the facility  
15 is to be located and that public notice was given. See NRS 704.870(4). Subsequently, the  
16 proponent must file an amended application with the Commission no later than thirty (30) days  
17 after the issuance of a final environmental assessment or environmental impact statement relating  
18 to the construction of the utility facility by the appropriate federal agency. See NRS  
19 704.870(2)(b).

20 In the present matter, an environmental impact statement (“EIS”) was prepared for the  
21 Solar Project and the Silver State Solar Power North’s solar project pursuant to the National  
22 Environmental Policy Act (“NEPA”), upon which the BLM issued a Record of Decision in  
23 October 2010. A Supplemental EIS (“SEIS”) is currently being prepared for the Solar Project to  
24 supplement the previously conducted environmental analysis. Included in the SEIS is an  
25 environmental analysis of the Project.

26 On September 14, 2011, Silver State filed with the Commission an initial application for  
a permit to construct the Solar Project under UEPA (“Silver State’s Application”). See Docket  
No. 11-09010. Included in Silver State’s Application was a description of a 220 kV substation  
that would allow the Solar Project to interconnect to the Eldorado-Ivanpah No.2 220 kV

1 Transmission Line. See Silver State's Application, at 5-6. At the time Silver State's Application  
2 was filed, Silver State intended to construct, own and operate this substation. Subsequently,  
3 Silver State and SCE agreed that SCE would construct, own, operate and maintain the Project.

4 Accordingly, SCE requests that the Commission accept this Application under UEPA as  
5 complying with the statutory and regulatory requirements set forth above. SCE will submit an  
6 amended application once the BLM issues the final SEIS.

7 **II. Information Regarding the Applicant**

8 SCE is a California regulated public utility that provides electric service to customers  
9 throughout southern California. SCE's principal place of business and mailing address are 2244  
10 Walnut Grove Ave, Rosemead, California 91770. All communications and correspondence  
11 related to this Application should be sent to the following:

12 Jerry Silva  
13 Angela Whatley  
14 Southern California Edison Company  
15 2244 Walnut Grove Ave.  
16 Rosemead, CA 91770  
Phone: 626.302.4430  
Fax: 626.302.1926

E. Leif Reid  
Tim Clausen  
Lewis and Roca LLP  
50 W. Liberty Street, Suite 410  
Reno, Nevada 89501  
Phone: 775.823.2900  
Fax: 775.823.2929

17 **III. Responses to Required Disclosures**

18 The information required by NAC 703.421 is provided as follows:

19 A. NAC 703.421(1). A general description of the location of the proposed utility  
20 facility

21 1. **NAC 703.421(1)(a). A general description of the location of the**  
22 **proposed utility facility, including a regional map that identifies the**  
**location of the proposed utility facility.**

23 The Project would consist of a new 220 kV substation and associated facilities to  
24 interconnect the Solar Project to the SCE's Eldorado-Ivanpah No.2 220 kV Transmission Line.  
25 The Project is located approximately three (3) miles northeast of Primm, Nevada, in Clark  
26 County, on federal land managed by the BLM. See Exhibit 1 for maps of the Project's site

1 location. See Exhibit 2 for a regional map showing the location of the Project. The Project is  
2 designed to encompass approximately 28 to 30 acres including the substation, transmission,  
3 distribution and telecommunication facilities.

4 **2. NAC 703.421(1)(b). Alternative locations for the proposed utility**  
5 **facility.**

6 SCE and Silver State identified, reviewed and considered six (6) alternative sites to locate  
7 the Project based upon numerous factors including availability of suitable land, proximity to the  
8 Solar Project and the existing Eldorado-Ivanpah No.2 220 kV Transmission Line, and  
9 consideration of environmental, land use and socioeconomic factors. See Exhibit 3 for a map of  
10 the alternative sites.

11 **3. NAC 703.421(1)(c). The reason why the location identified in**  
12 **paragraph (a) is best suited for the proposed utility facility.**

13 The Project's proposed location (which is described as Option 4 below ) is best suited  
14 because it addresses all the factors that SCE and Silver State considered in reviewing alternative  
15 sites. See Exhibits 1 and 3. Specifically, the location has sufficient and suitable land for the size  
16 of the Primm Substation and associated facilities. In addition, it is in close proximity to  
17 Eldorado-Ivanpah No.2 220 kV Transmission Line and the Solar Project, which will require  
18 Silver State to construct an approximately one (1) mile gen-tie line. Further, alternative locations  
19 for the Project were deemed to be inadequate for the following reasons:

20 *The original proposed Primm Substation location:* This alternative was described as the  
21 preferred location in Silver State's Application. However, after further review by Silver State, it  
22 found that this location fell within a Federal Emergency Management Agency ("FEMA") flood  
23 plain. Silver State determined that construction of its substation at this location could not be  
24 achieved within the proposed construction schedule due to complex FEMA approval.

25  
26

1           *Option 1:* The first option reviewed required construction of the substation in a non-  
2 standard layout and orientation. This did not meet SCE's general standards for substations, and  
3 therefore, was not its preferred choice.

4           *Option 2:* The second location option for the substation would be located in an existing  
5 NV Energy transmission easement. This made the location unviable because the easement  
6 would severely constrain the gen-tie access to the Primm Substation's location.

7           *Option 3:* The third location option was determined to be located outside of the BLM  
8 ROW and located on Los Angeles Department of Water and Power's property. BLM advised  
9 Silver State that a separate Environmental Assessment would be required with separate public  
10 hearings.

11           *Options 4 and 5:* The fourth and fifth location options for the substation that were  
12 explored by the parties were located within a close proximity of each other and did not possess  
13 the same land use challenges as the other alternative locations. However, as almost all factors  
14 between the two sites posed similar circumstances, Option 5 would require the parties to incur  
15 additional costs and materials. Therefore, SCE determined that Option 4 was a more viable than  
16 Option 5.

17           B.       NAC 703.421(2). A general description of the proposed utility facility.

18                   1.       **NAC 703.421(2)(a). The size and nature of the proposed utility facility.**

19           The major components of the Project are summarized below:

20           *Primm Substation:* SCE will construct a new 220 kV substation. The Primm Substation  
21 would be unstaffed, automated, and contain a switchrack with three (3) positions; however, the  
22 station could be expanded up to eight (8) positions at the final build out. The Primm Substation  
23 would have internal measurements of approximately 600 feet by 310 feet and it would be  
24 initially equipped with:

- 25                   ▪ Two (2) overhead 220 kV buses  
26                   ▪ Six (6) 220 kV circuit breakers  
                      ▪ Twelve (12) 220 kV disconnect switches

- 1           ▪ One (1) Mechanical Electrical Equipment Room (MEER)
- 2           ▪ Station, Light and Power transformers and panels
- 3           ▪ Station lighting
- 4           ▪ Self-Contained Restroom
- 5           ▪ Three (3) manual gates and one (1) motorized gate
- 6           ▪ Station Security System
- 7           ▪ Pre-fabricated concrete perimeter wall

8           *Transmission Lines:* SCE will loop the Eldorado-Ivanpah No. 2 220 kV Transmission  
9 Line into the new Primm Substation. The Eldorado-Ivanpah No. 1 220 kV line would be routed  
10 along with the Eldorado-Ivanpah No. 2 line on the same set of structures, but would not looped  
11 into Primm Substation. The Eldorado-Ivanpah No. 1 line would be jumper structures right  
12 outside the substation for future access. The Eldorado-Ivanpah No. 2 Line loop-in would require  
13 construction of approximately 1, 500 feet of new transmission line segments (comprised of two  
14 line segments of approximately 750 feet each) forming the new Eldorado-Primm 220 kV  
15 Transmission Line and Ivanpah-Primm 220 kV Transmission Line. The Eldorado-Ivanpah No. 1  
16 220 kV Transmission Line would run adjacent to the Primm Substation facility using 1,200 feet  
17 of the same transmission line path. SCE will also need to construct new access and spur roads.

18           *Generation Tie Line Connection:* SCE would connect Silver State's gen-tie into the SCE-  
19 owned Primm Substation. This work involves construction of at least one structure and SCE-  
20 owned span of conductor between the Primm Substation switchrack and the SCE property  
21 boundary line.

22           *Telecommunications Facilities:* SCE would install fiber optic communication cables,  
23 conduits, underground structures, and other telecommunication facilities to provide diverse path  
24 routing of communications required for the Solar Project's interconnection, and to provide  
25 communications redundancy at the Solar Project's power block. SCE would install a new Primm  
26 Microwave Communication Site, which would include construction of a telecommunications  
room at Primm Substation.

*Distribution Facilities:* SCE will install distribution facilities including any necessary  
poles, down guys, anchors, conduits, underground structures, cables, transformers, and metering

1 equipment to serve the Primm Microwave Communication Site, temporary construction power,  
2 and/or a source of Primm Substation station light and power.

3 The overall footprint of the Project is expected to be placed on an area of approximately  
4 800 feet by 510 feet (which includes setbacks for generation tie lines).

5 **2. NAC 703.421(2)(b). The natural resources that will be used during the**  
6 **construction and operation of the proposed utility facility.**

7 SCE anticipates minimal uses of natural resources during construction and operation of  
8 the Project. SCE will use limited amounts of water for dust control during construction, which  
9 will be acquired and trucked to the Project site from a private entity.

10 C. NAC 703.421(3). A summary of any studies which the applicant anticipates will  
11 be made of the environmental impact of the proposed utility facility, as required  
12 by subsection 2 of NRS 704.870, including a copy of all corresponding studies  
filed with the appropriate federal agencies.

13 The Project and the Solar Project will be located on federal lands managed by the BLM.  
14 As a result, development of the Project will require acquisition of a right-of-way from the BLM  
15 pursuant to the Federal Land Policy Management Act (“FLPMA”). The BLM is currently  
16 developing a SEIS as the environmental review document to assess potential environmental  
17 implications of issuing a right-of-way for the Project. The BLM has issued a Draft SEIS and is  
18 developing the Final SEIS. The BLM will conclude the NEPA process with the issuance of a  
19 Record of Decision (“ROD”), conditioning the respective right-of-way grants for the Solar  
20 Project and Project.

21 As part of the BLM’s review, a number of environmental studies have been conducted to  
22 establish a baseline for evaluation of potential impacts to the existing environment at the Project  
23 site. These studies and data acquired from government agencies and resource databases will be  
24 incorporated into the Final SEIS including studies on the following: (1) biological resources; (2)  
25 threatened and endangered species; (3) hydrology; (4) cultural resources; and (5) visual  
26 resources.

1 In addition, the following studies that were conducted for the Silver State Solar Power  
2 North's solar project EIS will be incorporated in the Final SEIS to provide a broad basis for  
3 decision maker consideration including the following:

- 4 ■ Geology and minerals
- 5 ■ Soil resources
- 6 ■ Air quality
- 7 ■ Land use and recreation
- 8 ■ Traffic and transportation
- 9 ■ Socioeconomic
- 10 ■ Hazardous materials and solid wastes

11 D. NAC 703.421(4). A copy of the public notice of the application and proof of the  
12 publication of the public notice, as required by subsection 4 of NRS 704.870.

13 A summary of the Application has appeared in newspapers published and distributed in  
14 the area where the proposed Project is planned pursuant to NRS 704.870(4)(b) and NAC  
15 703.421(4), attached hereto as Exhibits 4 and 5. A copy of the Application has been filed with  
16 the clerk of each local government affected by the location pursuant to NRS 704.870(a), a copy  
17 of which is attached hereto as Exhibit 6.

18 E. NAC 703.421(5). Proof that a copy of the application has been submitted to the  
19 Nevada State Clearinghouse.

20 A copy of the Application has been submitted to the Nevada State Clearinghouse within  
21 the Department of Administration, proof of service of which is attached hereto as Exhibit 6.

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**IV Conclusion**

SCE respectfully requests that the Commission notice this filing as the initial application, as required by NRS 704.870(2)(a) and NRS 704.870(5). When Applicant files its amended application pursuant to NRS 704.870(2)(b), SCE will request the Commission further process SCE's application and issue a permit to construct the Project.

RESPECTFULLY SUBMITTED this 13th day of May 2013.

LEWIS & ROCA LLP

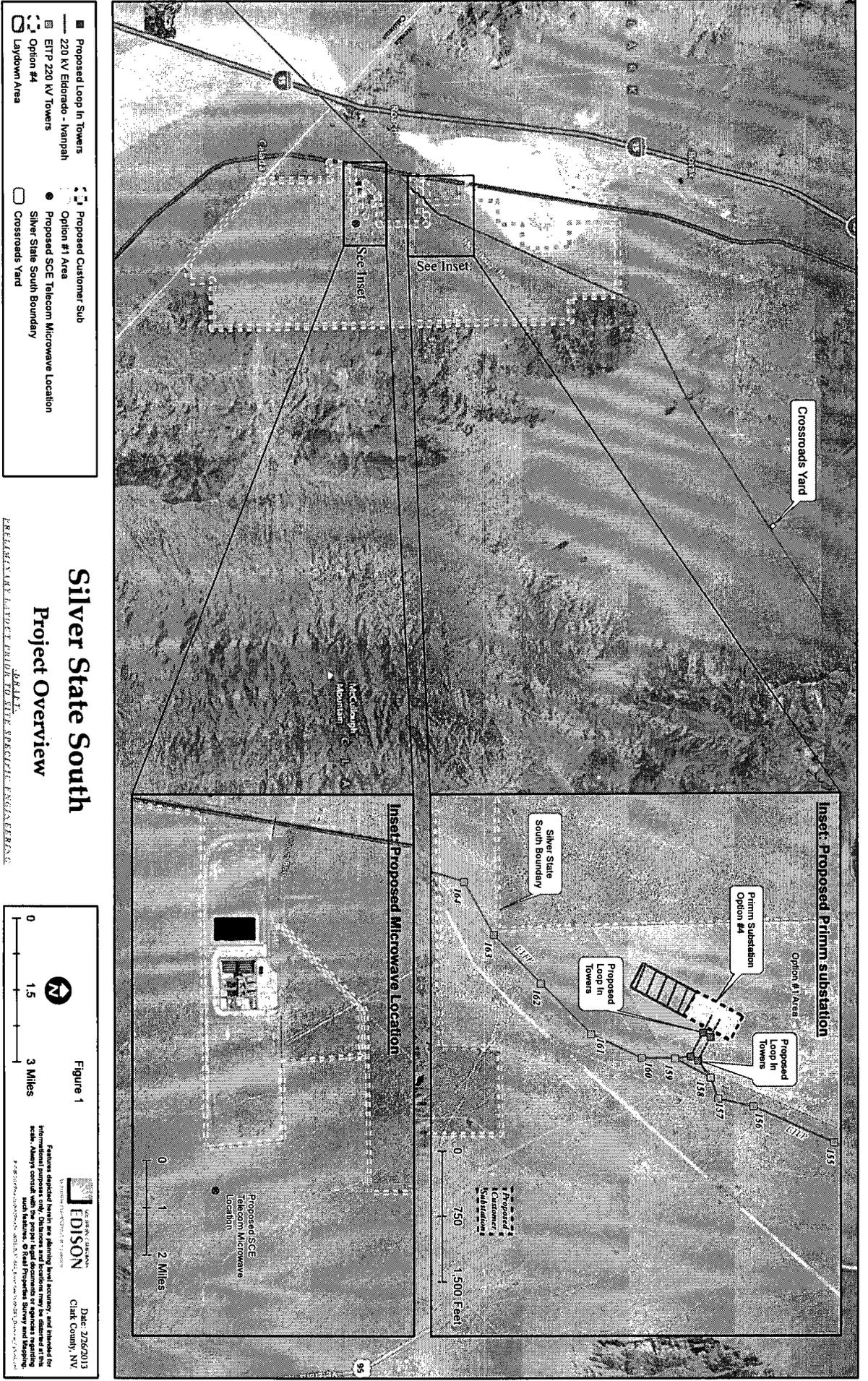
By: 

E. Leif Reid  
Tim Clausen  
50 W. Liberty Street, Suite 410  
Reno, NV 89501  
Attorneys for Southern California Edison Co.

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**APPENDIX**

**EXHIBIT 1**



- Proposed Loop In Towers
- 220 KV Eldorado - Hanpahi
- EITP 220 KV Towers
- Option #4
- Laydown Area
- Proposed Customer Sub
- Option #1 Area
- Proposed SCE Telecom Microwave Location
- Silver State South Boundary
- Crossroads Yard

# Silver State South

## Project Overview

PREPARED BY LAWYET CHILD TO THE SPECIFIC ENGINEERING

**Figure 1**

0 1.5 3 Miles

0 750 1500 Feet

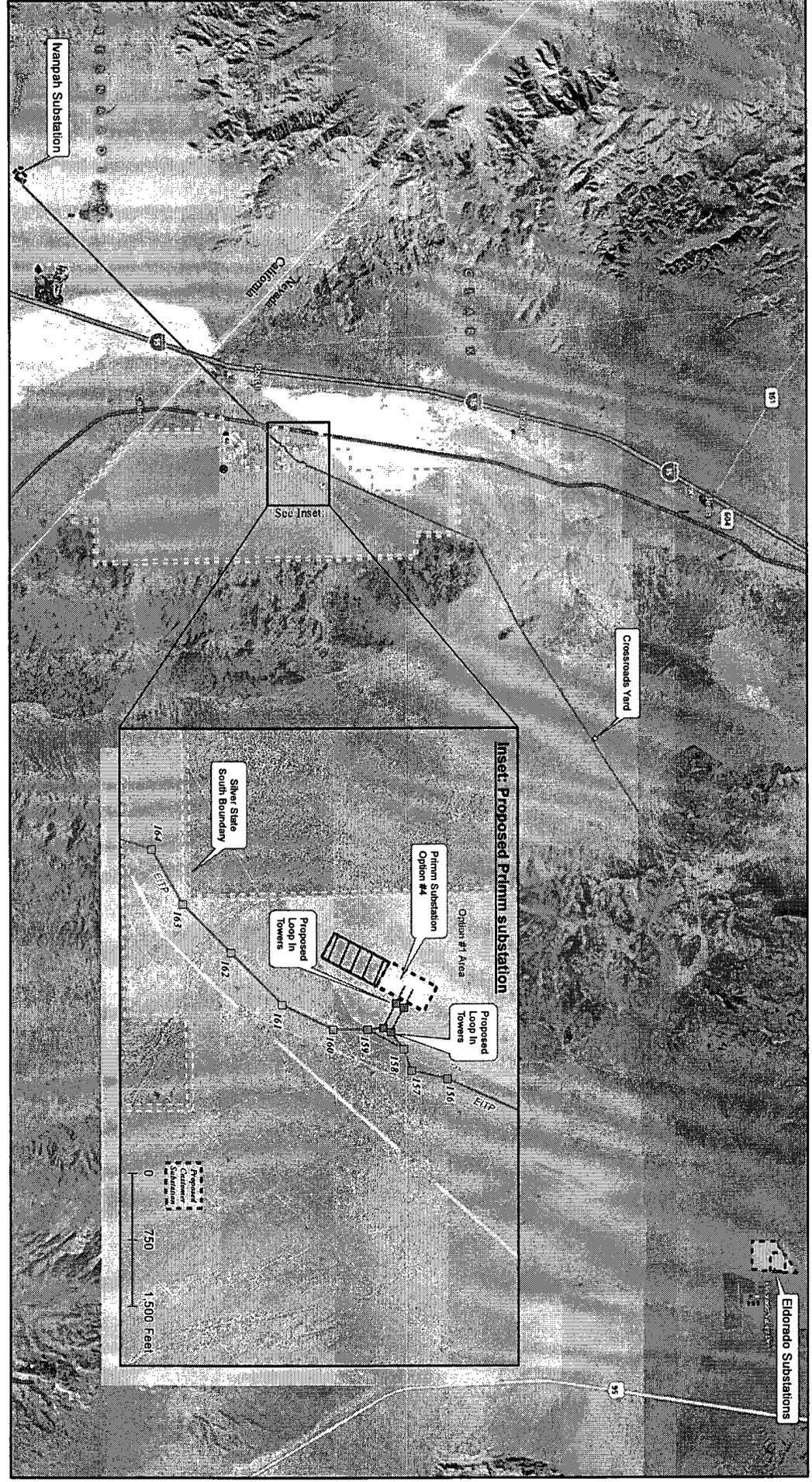
EDISON Clark County, NV

Date: 2/26/2013

Features depicted herein are advisory land use only, and provided for informational purposes only. Owners and occupants may be affected at the scale. Always consult with the proper legal documents or agencies regarding such features. © 2013 Project Name: Silver State South

- Proposed Loop In Towers
- EITP 220 KV Towers
- 220 KV Eldorado - Wapahc
- Option #4
- Proposed Customer Sub
- Eldorado Substations

- Wapahc Substation
- Option #1 Area
- Proposed SCE Telecom Microwave Location
- Laydown Areas
- Silver State South Boundary
- Crossroads Yard

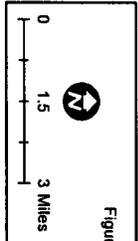


# Silver State South

SSS & EITP

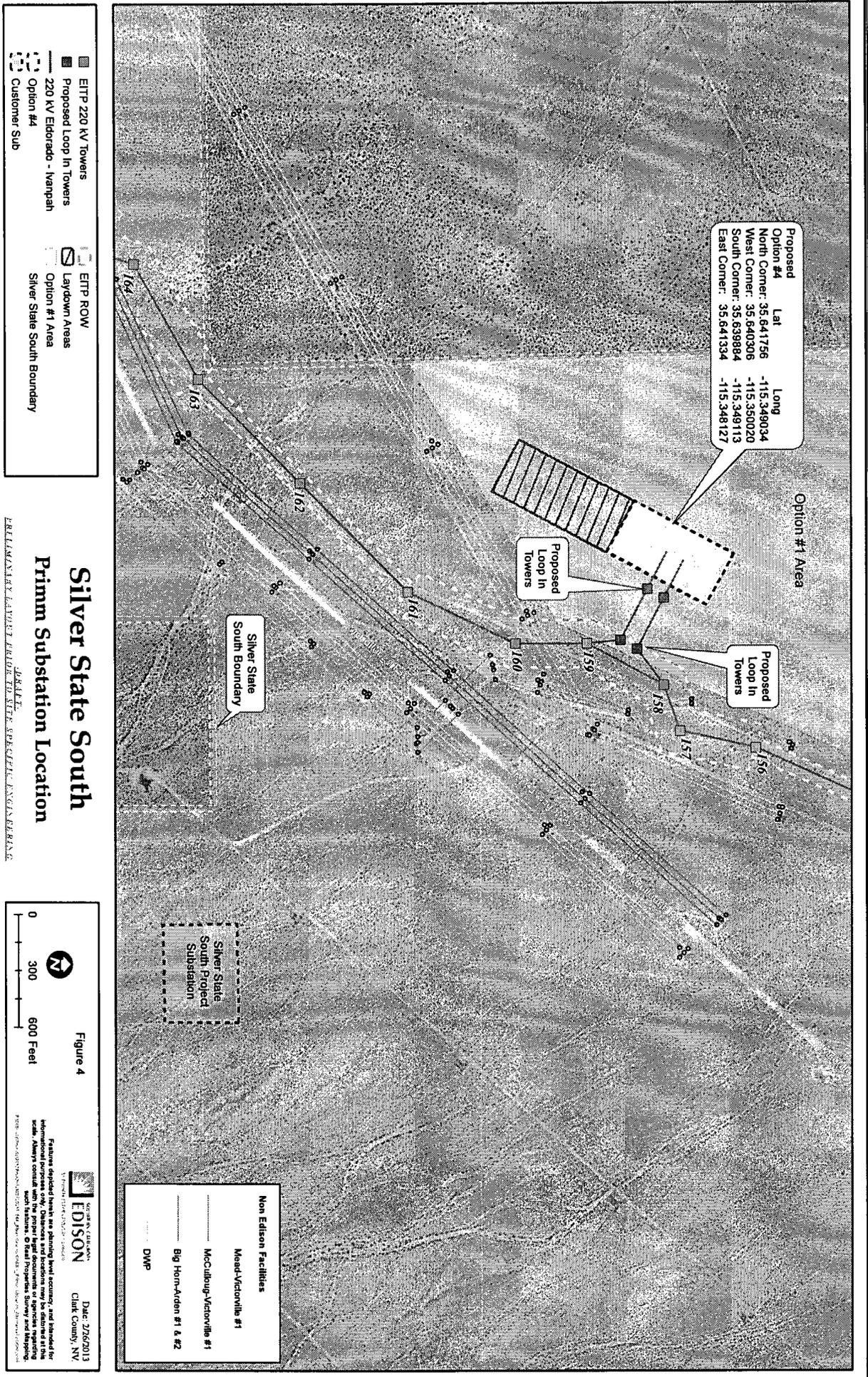
PRELIMINARY LABEL SUBJECT TO SITE SPECIFIC ENGINEERING

Figure 2



EDISON  
DATE: 2/26/2013  
CLARK COUNTY, NV

Fieldwork dependent on planning level, accuracy, and intended for informational purposes only. Distances and locations may be obtained at the scale. Always consult with the proper field documents or reports regarding actual field conditions. © Field Properties Survey and Mapping.



Proposed Option #4  
 North Corner: 35.641756  
 West Corner: 35.640306  
 South Corner: 35.639884  
 East Corner: 35.641334

Lat  
 -115.348034  
 -115.350020  
 -115.349113  
 -115.348127

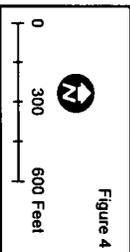
Long

- EITP 220 kV Towers
- ▬ Proposed Loop In Towers
- ▬ 220 kV Eldorado - Ivampah
- Option #4
- Customer Sub
- ▬ EITP ROW
- ▬ Laydown Areas
- Option #1 Area
- ▬ Silver State South Boundary

# Silver State South

## Primm Substation Location

JKLITE  
 ENGINEERING LAWYER FIRM TO THE SPECIFIC ENGINEERING



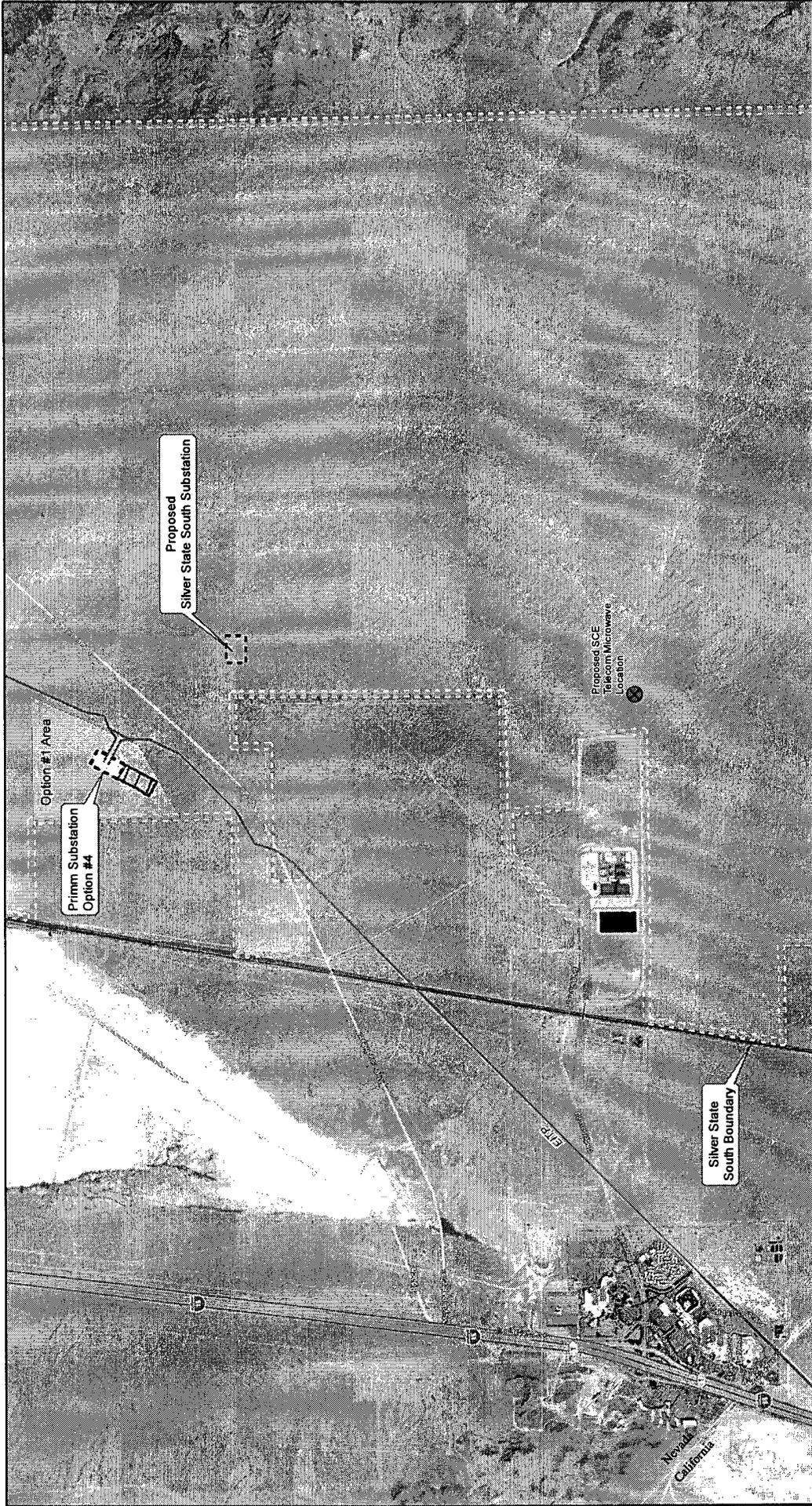
- Non Edison Facilities**
- Mead-Victoria #1
  - McCullough-Victoria #1
  - Big Horn-Ayden #1 & #2
  - DWP

DATE: 2/26/2013  
 CLARK COUNTY, NV

EDISON

Features depicted herein are planning level accuracy, and should not be used for informational purposes only. Distances and positions may be different at this scale. Always consult with the proper legal documents or agencies regarding features and boundaries. This drawing is not to be used for any other purpose without the written consent of the engineer.

**EXHIBIT 2**




 Date: 2/26/2013  
 Clark County, NV

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such matters.

Figure 3

0 1,000 2,000 Feet



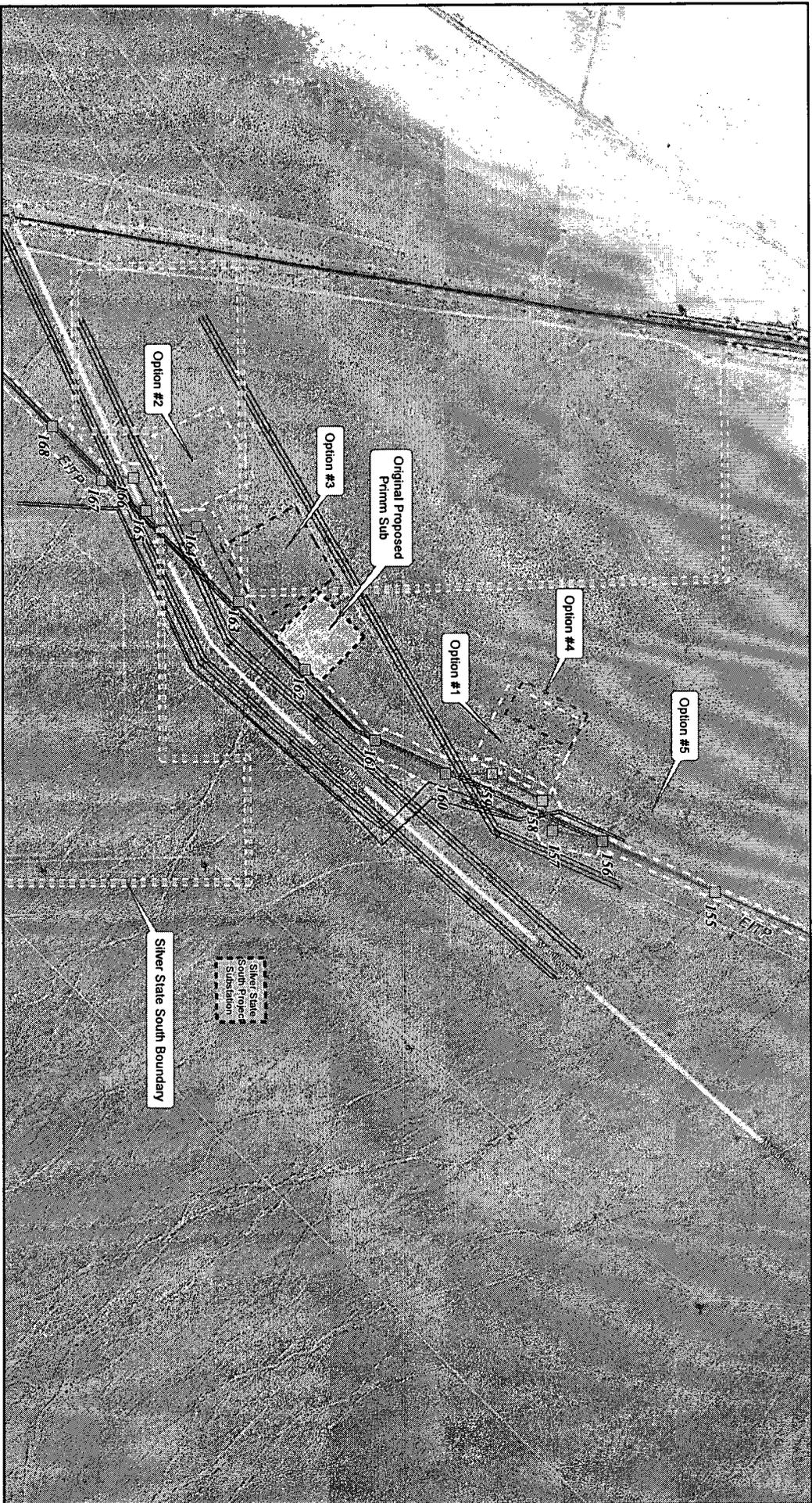
# Silver State South

## Primm Sub & Microwave Site Location

PREPARED BY: AEGION CONSULTANTS, INC. / AEGION ENGINEERING

220 KV Eldorado - Ivanpah  
 Laydown Areas  
 Proposed Customer Sub  
 Proposed SCE Telecom Microwave Location  
 Option #1 Area  
 Option #4  
 Silver State South Boundary

**EXHIBIT 3**

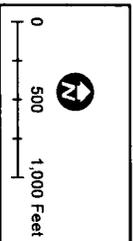


Proposed EI Dorado - Ivanpah  
 Silver State South Boundary  
 Original Proposed Primm Sub  
 Non Edison Facilities

Option #1  
 Option #2  
 Option #3  
 Option #4  
 Option #5  
 Customer Sub

# Silver State South Primm Substation & Alternative Locations

PRELIMINARY MATERIAL SUBJECT TO THE SPECIFIC ENGINEERING



EDISON  
 DATE: 4/15/2013  
 CLARK COUNTY, NV

Features depicted herein are showing level accuracy, and intended for informational purposes only. Changes and additions may be shown at this scale. Always consult with the proper legal documents or engineer regarding accuracy. All rights reserved. © 2013 Edison Energy Services, Inc. All rights reserved.

**EXHIBIT 4**

**BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA  
NOTICE OF APPLICATION FOR A PERMIT TO CONSTRUCT AN EXISTING  
UTILITY FACILITY UNDER THE UTILITY ENVIRONMENTAL PROTECTION ACT**

Southern California Edison Company (the "Company") is submitting, pursuant to the Nevada Utility Environmental Protection Act ("UEPA"), an application to the Public Utilities Commission of Nevada (the "Commission") for authority and a permit to construct a 220 kilovolt (kV) switching substation and associated facilities (the "Project") under Nevada Revised Statutes, Chapter 704, Sections .802 to .900, and Nevada Administrative Code, Chapter 703, Sections .415 to .427.

The Project would consist of a new 220 kV switching substation and associated facilities to interconnect Silver State Solar South's 250 MW solar project to the Company's Eldorado-Ivanpah No.2 220 kV Transmission Line. The Project is located approximately three (3) miles northeast of Primm, Nevada, in Clark County. The Project's measurements are approximately 800 feet by 510 feet (which includes setbacks for generation tie lines). The Project would be unstaffed, automated, and contain a switchrack with three (3) positions equipped and a possible build out up to eight (8) positions.

The U.S. Bureau of Land Management ("BLM") is conducting a supplemental Environmental Impact Statement ("Supplemental EIS") pursuant to the National Environmental Protection Act to analyze the environmental impacts of Silver State Solar South's solar project. The Project is a part of Silver State Solar South's Supplemental EIS and will be included in BLM's final determination as to whether or not to authorize the Silver State Solar South's solar project and the Project, and any additional right-of-way grants.

The contents of the Initial UEPA Application will include, but are not limited to:

1. A general description of the location of the proposed expanded utility facility, including (a) a regional map that identifies the location of the proposed facility, (b) any alternative locations for the proposed utility facility and (c) the reasons why the location is best suited for the proposed utility facility;
2. A general description of the proposed utility facility, including (a) the size and nature of the proposed utility facility, and (b) the natural resources that will be used during the construction and operation of the proposed utility facility;
3. A summary of any studies which the applicant anticipates will be made of the environmental impact of the proposed utility facility, including a copy of all corresponding studies filed with the appropriate federal agencies; and
4. A description of how the utility facility and related transmission facilities will aid in providing customers with reliable service and will serve the public interest.

A copy of the application will be available on the Commission's website following the Company's filing of the application. Additional information about the UEPA process and a person's right to participate in that process can be found in Nevada Revised Statutes and Nevada Administrative Code Chapters 703 and 704.

**EXHIBIT 5**

AFFIDAVIT OF PUBLICATION

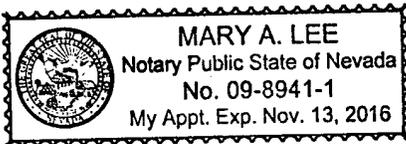
STATE OF NEVADA)
COUNTY OF CLARK) SS:

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,

LEWIS & ROCA LLP - RENO 3213419LEW 8452712

was continuously published in said Las Vegas Review-Journal and / or Las Vegas Sun in 1 edition(s) of said newspaper issued from 04/13/2013 to 04/13/2013, on the following days:

04/13/2013



Signed: Stacey M. Lewis

SUBSCRIBED AND SWORN BEFORE ME THIS, THE

10th day of April, 2013.

Mary A. Lee
Notary Public

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

NOTICE OF APPLICATION FOR A PERMIT TO CONSTRUCT AN EXISTING UTILITY FACILITY UNDER THE UTILITY ENVIRONMENTAL PROTECTION ACT

Southern California Edison Company (the "Company") is submitting, pursuant to the Nevada Utility Environmental Protection Act ("UEPA"), an application to the Public Utilities Commission of Nevada (the "Commission") for authority and a permit to construct a 220 kilovolt (kV) switching substation and associated facilities (the "Project") under Nevada Revised Statutes, Chapter 704, Sections 802 to 900, and Nevada Administrative Code, Chapter 703, Sections 415 to 427.

The Project would consist of a new 220 kV switching substation and associated facilities to interconnect Silver State Solar South's 250 MW solar project to the Company's Eldorado-Ivanpah No.2 220 kV Transmission Line. The Project is located approximately three (3) miles northeast of Primm, Nevada, in Clark County. The Project's measurements are approximately 800 feet by 510 feet (which includes setbacks for generation tie lines). The Project would be unstaffed, automated, and contain a switchrack with three (3) positions equipped and a possible build out up to eight (8) positions.

The U.S. Bureau of Land Management ("BLM") is conducting a supplemental Environmental Impact Statement ("Supplemental EIS") pursuant to the National Environmental Protection Act to analyze the environmental impacts of Silver State Solar South's solar project. The Project is a part of Silver State Solar South's Supplemental EIS and will be included in BLM's final determination as to whether or not to authorize the Silver State Solar South's solar project and the Project, and any additional right-of-way grants.

The contents of the Initial UEPA Application will include, but are not limited to:

1.A general description of the location of the proposed expanded utility facility, including (a) a regional map that identifies the location of the proposed facility, (b) any alternative locations for the proposed utility facility and (c) the reasons why the location is best suited for the proposed utility facility;

2.A general description of the proposed utility facility, including (a) the size and nature of the proposed utility facility, and (b) the natural resources that will be used during the construction and operation of the proposed utility facility;

3.A summary of any studies which the applicant anticipates will be made of the environmental impact of the proposed utility facility, including a copy of all corresponding studies filed with the appropriate federal agencies; and

4.A description of how the utility facility and related transmission facilities will aid in providing customers with reliable service and will serve the public interest.

A copy of the application will be available on the Commission's website following the Company's filing of the application. Additional information about the UEPA process and a person's right to participate in that process can be found in Nevada Revised Statutes and Nevada Administrative Code Chapters 703 and 704.

**EXHIBIT 6**

1 CERTIFICATE OF SERVICE

2 I hereby certify that I have on this 13<sup>th</sup> day of May, 2013, served the a true and correct  
3 copy of the Application of Southern California Edison Company for a Permit to Construct a New  
4 220 kV Substation and Associated Facilities Under the Utility Environmental Protection Act  
5 upon parties by U.S. Mail to the following parties:

6 Tammy Cordova  
7 Staff Counsel  
8 Public Utilities Commission of Nevada  
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10 Las Vegas, NV 89148

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16 Diana Alba  
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19 Las Vegas, NV 89155

Nevada Division of Conservation and  
Natural Resources  
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Carson City, NV 89701

20 Nevada Division of Environmental Protection  
21 901 S. Stewart Street, Suite 4001  
22 Carson City, NV 89701

Nevada State Clearinghouse  
Department of Conservation and Natural Resources  
Division of State Lands  
901 S. Stewart Street, Suite 5003  
Carson City, NV 89701

23  
24  
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Employee of Lewis & Roca LLP