

COPY

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August 13, 2009

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Via Federal Express

Ms. Crystal Jackson
Executive Secretary
Public Utilities Commission of Nevada
1150 E. William Street
Carson City, Nevada 89701

Re: Initial Application of NextLight Renewable Power, LLC for a Permit to Construct the Silver State Photovoltaic Power Facility under the Utility Environmental Protection Act

Dear Ms. Jackson,

Enclosed for filing, please find the Initial Application of NextLight Renewable Power, LLC ("NextLight") for a Permit to Construct the Silver State Photovoltaic Power Facility under the Utility Environmental Protection Act, pursuant to NRS 704.870(2).

The documents included in this packet are:

1. Initial UEPA Application for a Permit to Construct a Photovoltaic Power Facility under the Utility Environmental Protection Act;
2. Exhibits A through F (see Table of Contents, listing each Exhibit), including the required Public Notice and Affidavit of Publication (Exhibit E) and Proof of Service (Exhibit F).

LIONEL SAWYER & COLLINS
ATTORNEYS AT LAW

Executive Secretary
August 13, 2009
Page 2

NextLight requests that the Commission accept this Initial Application under UEPA as complying with the statutory and regulatory requirements listed in the Application. NextLight will submit an amended application once it receives the environmental analysis prepared under the direction of the U.S. Bureau of Land Management.

If you have any questions about this filing, please do not hesitate to contact me directly at (702) 383-8970.

Best Regards,

NextLight Renewable Power, LLC

By: *Linda M. Bullen*

Linda M. Bullen

Lionel Sawyer & Collins

lbullen@lionelsawyer.com

Tel: (702) 383-8970

Fax: (702) 383-8845

Attorneys for NextLight Renewable Power,
LLC

Enclosures: List of Enclosures
Initial UEPA Application
\$200 Application Fee

cc: Mike Hatfield
Bill Chilson
James Woodruff

UEPA Initial Application
NextLight Renewable Power, LLC
Silver State Photovoltaic Power Facility Project

LIST OF ENCLOSURES

**UEPA Initial Application for a Permit to Construct
NextLight Renewable Power, LLC
Silver State Photovoltaic Power Facility Project
Clark County, Nevada
August 13, 2009**

This application includes the following:

- A) \$200 Filing Fee - attached;
- B) Public Utilities Commission of Nevada Draft Notice;
- C) UEPA Initial Application, comprised of the following:
 - 1) Table of Contents
 - 2) List of Exhibits
 - 3) Introduction
 - 4) Legal Background
 - 5) Factual Background
 - 6) Information Regarding the Applicant
 - 7) Responses to Required Disclosures
 - 8) General Description of Location of Proposed Facility
 - 9) Regional Map
 - 10) Alternative Locations for Proposed Facility
 - 11) Reasons for Site Suitability
 - 12) General Description of Proposed Facility
 - 13) Size and Nature of Proposed Facility
 - 14) Natural Resources to be Used in Construction and Operation
 - 15) Summary of Anticipated Environmental Impact Studies
 - 16) Public Notice
 - 17) Proof of Service
 - 18) Conclusion
 - 19) Exhibits A - F

**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(5)(a)):

Pursuant to the Utility Environmental Protection Act ("UEPA"), and the provisions set forth in Chapter 704 of the Nevada Revised Statutes, and Chapter 703 of the Nevada Administrative Code, NextLight Renewable Power, LLC ("NextLight") is filing an Initial Application with the Public Utilities Commission of Nevada for a permit to construct and operate a photovoltaic power facility to be known as the Silver State Project (the "Project").

The name of the applicant, complainant, petitioner or the name of the agent for the applicant, complainant or petitioner (see NAC 703.160(5)(b)):

**The applicant is NextLight Renewable Power, LLC.
Linda Bullen at Lionel Sawyer & Collins is legal counsel for the 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(5)(c)):

Based on the Initial Application and any amendment or supplement thereto, Nextlight respectfully requests that the Public Utilities Commission of Nevada grant to NextLight a permit to construct the Project. NextLight is developing the Project to produce up to 400 MW/ac of clean, renewable electrical power to meet the growing demand for such power in Nevada and the Western U.S., and to satisfy state and federal renewable portfolio standards.

NextLight will submit an Amended Application to the Commission, including the final environmental impact statement, once it receives the environmental analysis prepared under the direction of the U.S. Bureau of Land Management.

A statement indicating whether a consumer session is required to be held pursuant to Nevada Revised Statute ("NRS") 704.069(1)¹: **A consumer session is not required.**

¹ 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

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.

The draft notice does not pertain to a tariff filing.

(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.

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BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

IN THE MATTER OF:

Application of NextLight Renewable)
Power, LLC for a Permit to Construct)
A Photovoltaic Power Facility Under)
the Utility Environmental Protection Act)
_____)

Docket No. 09-_____

**INITIAL APPLICATION OF NEXTLIGHT RENEWABLE POWER, LLC FOR A
PERMIT TO CONSTRUCT A PHOTOVOLTAIC POWER FACILITY
UNDER THE UTILITY ENVIRONMENTAL PROTECTION ACT**

TABLE OF CONTENTS

	<u>Page</u>
Introduction.....	1
Legal Background.....	1
Factual Background	2
Information Regarding the Applicant	3
Responses to Required Disclosures	3
General Description of the Location of the Proposed Facility	3
Regional Map.....	4
Alternative Locations for Proposed Facility	4
Reasons for Site Suitability.....	4
General Description of the Proposed Facility	5
Size and Nature of Proposed Facility.....	5
Natural Resources to be used in Construction and Operation	7
Summary of Anticipated Environmental Impact Studies	7
Public Notice.....	7
Proof of Service	8
Conclusion	8

LIST OF EXHIBITS

- A. Site Location Map
- B. Regional Map
- C. Map of Shared Elements
- D. Federal Action and Environmental Studies
- E. Public Notice and Proof of Publication
- F. Proof of Service to Clark County Clerk, Nevada State Clearing House, and other agencies.

1 **BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA**

2
3 **IN THE MATTER OF:**

4 Application of NextLight Renewable) Docket No. 09-_____
5 Power, LLC For a Permit to Construct)
6 A Photovoltaic Power Facility Under)
the Utility Environmental Protection Act)
_____)

7 **INITIAL APPLICATION OF NEXTLIGHT RENEWABLE POWER, LLC FOR A**
8 **PERMIT TO CONSTRUCT A PHOTOVOLTAIC POWER FACILITY**
9 **UNDER THE UTILITY ENVIRONMENTAL PROTECTION ACT**

10 **A. INTRODUCTION**

11 Applicant NextLight Renewable Power, LLC (“NextLight” or the “Company”) through
12 the undersigned counsel, and in accordance with NRS 704.870(2), hereby files with the Public
13 Utilities Commission of Nevada (“Commission”) an Initial Application (“Initial Application”)
14 for a Permit to Construct the facility described below (the “Proposed Facility”), pursuant to the
15 Utility Environmental Protection Act (“UEPA”), set forth in NRS 704.820 to 704.900, and
16 N.A.C. 703.415 to 703.427, specifically, N.A.C. 703.421.

17 Nextlight provides the following information in support of the Initial Application.

18 **B. LEGAL BACKGROUND**

19 The Proposed Facility is a photovoltaic solar-powered electric generating facility
20 proposed to be located on approximately 7,800 acres of federal land managed by the U.S. Bureau
21 of Land Management (“BLM”) under lease to the Company, in the vicinity of Primm, Nevada.
22 A thorough review and analysis of the environmental conditions associated with the Proposed
23 Facility is required by the National Environmental Policy Act, 42 U.S.C. § 4321 et seq.
24 (“NEPA”). An environmental impact statement (“EIS”) is currently being prepared for the
25 Proposed Facility, and it is expected to be completed by the Summer of 2010.

26 UEPA establishes a two-step application procedure for facilities subject to federal
27 permitting and environmental review. Under NRS 704.870.2(a), if a federal agency is required
28 to conduct an environmental analysis of a proposed utility facility, the project proponent is

1 required to also file an application with the Commission that provides notice of the federal filing.
2 The initial UEPA Application must provide a general description of the proposed facility and a
3 summary of any studies that the Company anticipates will be made of the environmental impact
4 of the facility as required by statute (NRS 704.870.2(a)(1) and (2)). Subsequently, and not later
5 than 30 days after the issuance of the federal environmental assessment or EIS, the Company is
6 required to file an amended UEPA application with the Commission (NRS 704.870.2(b)).

7 Consistent with this legal framework, this Initial Application, together with the Proposed
8 Facility description and Exhibits A (Site Location Map), B (Regional Map), C (Map of Shared
9 Elements), D (Federal Action and Environmental Studies), E (Public Notice and Proof of
10 Publication), and F (Proof of Service to Clark County Clerk, Nevada State Clearing House, and
11 Other Agencies), all attached and incorporated herein by reference, contains all of the
12 information required to be filed at this time. Additional information will be provided through an
13 amended application once the BLM issues the results of its environmental analysis.

14 Accordingly, NextLight requests that the Commission accept this Initial Application
15 under UEPA as complying with the statutory and regulatory requirements set forth above.
16 NextLight will submit an amended application once it receives the environmental analysis
17 prepared by the BLM. At that time, NextLight will seek approval from the Commission of its
18 request for a Permit to Construct the Proposed Facility pursuant to NRS 704.8905.

19 **C. FACTUAL BACKGROUND**

20 The Proposed Facility will be located on federal land managed by the BLM in Clark
21 County, Nevada. See Exhibit A, Site Location Map. NextLight is developing the Proposed
22 Facility, to produce clean, renewable electrical power to meet the growing demand for such
23 power in Nevada and the Western U.S. and to satisfy state and federal renewable portfolio
24 standards. The Proposed Facility is the subject of two separate applications filed with the BLM
25 for a Right-of-Way. As originally conceived, the applications contemplated two separate
26 facilities, one employing concentrating solar thermal technology, and the other employing solar
27 photovoltaic technology. The Company has since determined to develop a single generating
28 facility using photovoltaic technology. The BLM is processing the two applications concurrently

1 based on the Company's intention to develop a single generating facility on lands encompassed
2 by the two applications. While the Proposed Facility is designated as "Silver State North" and
3 "Silver State South," as the result of originally having been separate facilities utilizing different
4 solar technologies, these components are contiguous and are both part of one the EIS process.
5 Together, Silver State North and Silver State South are referred to as the "Silver State Project."

6 **D. INFORMATION REGARDING THE APPLICANT**

7 1. NextLight is a wholly owned subsidiary of Energy Capital Partners, a company
8 incorporated under the laws of the State of Delaware.

9 2. NextLight was formed for the purpose of developing, owning and operating
10 utility-scale solar generating facilities in the Western United States, including southern Nevada.

11 3. NextLight's principal place of business, mailing address and telephone number
12 are: 353 Sacramento Street, Suite 2100, San Francisco, California 94111; (415) 935-2500.

13 4. All correspondence related to this Initial Application (copy of all pleadings,
14 notices, orders and discovery requests) should be sent to the undersigned counsel and to the
15 Director of Development for the Proposed Facility, whose names and addresses are as follows:

16 Michael A. Hatfield
17 Director of Project Development
18 NextLight Renewable Power, LLC
19 353 Sacramento Street, Suite 2100
20 San Francisco, CA 94111
21 Tel: (415) 935-2500
Dir: (415) 935-2510
Fax: (415) 935-2501
mhatfield@nextlight.com

Linda M. Bullen
Attorney at Law
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300 South Fourth Street
Las Vegas, NV 89101
Phone: (702) 383-8970
Fax: (702) 383-8845
lbullen@lionelsawyer.com

22 **E. RESPONSES TO REQUIRED DISCLOSURES**

23 The information required by N.A.C. 703.421 is provided in the following sections.

24 **1. General Description of the Location of the Proposed Facility. (N.A.C. 703.421 (1))**

25 (a) A general description of the location of the proposed utility facility, including a
26 regional map that identifies the location of the proposed utility facility.

27 The Proposed Facility will be located on federal land managed by the BLM in Clark
28 County, Nevada, approximately 40 miles southwest of Las Vegas adjacent to Interstate 15. See

1 Exhibit A, Site Location Map. A regional map that identifies the location of the proposed utility
2 facility is attached as Exhibit B.

3 (b) Any alternative locations for the proposed utility facility.

4 Factors that must be considered when identifying and evaluating potential sites for solar
5 energy development include adequate solar resource, availability of suitable land, proximity to
6 electrical transmission, and consideration of environmental, land use, and socioeconomic factors.
7 To be viable, solar energy projects must be able to generate power for sale into the electrical grid
8 at competitive prices.

9 Alternative site locations considered in siting the Proposed Facility included various
10 locations in the Ivanpah Valley. Sites considered to the north and west of I-15 were constrained
11 by the designation of those areas for the desert tortoise. Alternative sites north of the Proposed
12 Facility site were constrained by availability.

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

15 **Solar Resource** – Project viability depends on locating solar projects in areas with
16 superior solar resources. The Proposed Facility site is located in one of the premier solar
17 resource areas in the world. The valley's latitude, elevation, and percentage of annual cloud-free
18 days make this area a preferred location for solar power generation.

19 **Availability of Suitable Land** – BLM-administered lands are suitable for solar
20 development because sufficiently sized tracts of land are available in the vicinity of Primm under
21 a long term right-of-way grant.

22 **Access to Bulk Transmission** – It is advantageous to locate solar energy projects in
23 close proximity to existing high voltage electrical transmission lines to reduce the costs and the
24 need to build new transmission lines. The Proposed Facility is located in close proximity to a
25 major transmission corridor and an existing power generating facility with good interconnections
26 to the high voltage grid.

27 **Environmental, Land Use and Socioeconomic Considerations** – Factors considered in
28 project siting included compatible land use, distance to population centers and sensitive

1 receptors, visual impacts, availability of access, and consideration of special management areas
2 such as Desert Wildlife Management Areas (“DWMAs”), Areas of Critical Environmental
3 Concern (“ACECs”) and, Wilderness Study Areas (“WSAs”).

4 The Proposed Facility is located in an area that is relatively sparsely populated.
5 Surrounding land is characterized primarily by commercial operations, power generation, energy
6 transmission infrastructure, transportation infrastructure and open space. The nearest residences
7 are located in the employee housing complex at Primm Resort, approximately 1 mile west of the
8 Proposed Facility site. The site is located within approximately 40 miles of the Las Vegas urban
9 area, which is expected to provide an ample available construction workforce. The Proposed
10 Facility is located along Interstate 15, providing adequate infrastructure for site access. The site
11 has no special management area designation under the Las Vegas Field Office Resource
12 Management Plan.

13 **2. General Description of the Proposed Facility. (N.A.C. 703.421 (2))**

14 (a) The size and nature of the proposed utility facility.

15 The Silver State South component will include the following main elements:

- 16 • 750,000 PV solar panels
- 17 • 83,300 single-axis tracker systems, or a number of fixed panels to be determined
18 prior to commencing construction, mounted on cement ballasts that sit directly on the
19 ground, or other foundation design
- 20 • 300 power inverters
- 21 • 300 three-phase, pad mounted transformers

22 The Silver State North component will include the following main elements:

- 23 • 560,000 PV solar modules
- 24 • 62,150 single-axis tracker systems, or a number of fixed panels to be determined
25 prior to commencing construction, mounted on cement ballasts that sit directly on the
26 ground, or other foundation design
- 26 • 225 power inverters
- 27 • 225 three-phase, pad mounted transformers that convert the output of each inverter to
28 34.5 kilovolts (kV)

- 1 • An overhead 34.5 kV collection system to convey electricity from the solar field to
2 the substation

3 The following elements located on the Silver State North site will be shared with the
4 Silver State South component :

- 5 • A 1.45-mile-long paved access road connecting the Proposed Facility site from the
6 existing frontage road along Interstate 15 north of the Primm Resort that makes use
7 of an existing crossing of the Union Pacific Railroad tracks. Alternatively, access to
8 the site will be from Primm Boulevard and will use the existing Union Pacific
9 Railroad overpass that provides access to the NV Energy Higgins Power Plant
10 Substation. A new 0.3-mile-long access road would be constructed to connect with
11 the Proposed Facility site.
- 12 • A 2.8-acre operation and maintenance (“O&M”) area that will accommodate a
13 20,000 square foot O&M building, parking area, temporary covered assembly areas
14 and other associated facilities that will be used by the Proposed Facility.
- 15 • Substation A. A 2.8-acre substation, with 34.5-kV to 230-kV step-up transformers
16 (SUT), that will connect the Proposed Facility with the NV Energy Higgins Power
17 Plant. Substation A could also provide an alternate interconnection for the Silver
18 State South component into the NV Energy system at the Higgins Substation.
- 19 • A 0.3-mile, 230-kV transmission line running from Substation A to the 230-kV bus
20 at the existing substation at the NV Energy Higgins Power Plant.
- 21 • Substation B. A substation, with 34.5-kV to 230-kV step-up transformers, located on
22 and near the southern boundary of the Proposed Facility site. Substation B will be
23 approximately 350 feet by 350 feet in size (2.8 acres) and the highest point at the
24 substation will be approximately 60 feet. Substation B will be used by the Silver
25 State South component. Alternately, this substation could provide an interconnection
26 from the Silver State North and Silver State South Projects into the Southern
27 California Edison (SCE) transmission system.
- 28 • A 2.5-mile-long, 220-kV transmission line to connect Substation B in Section 11
 with the existing SCE Eldorado-Mountain Pass transmission line. The existing line
 is 115kV; however, SCE plans to upgrade the line to 230 kV under its planned
 system upgrades as identified in the SCE *Conceptual Transmission Requirements
 and Costs for Integrating Renewable Resources* report, September 6, 2007. This
 transmission line will provide the interconnection for the Silver State South
 component, and could serve as an interconnection for the Silver State North
 component into the SCE system. This transmission line will be owned by NextLight.
- A 2.2-acre switchyard, at the connection point with the SCE Eldorado-Mountain Pass
 transmission line. This switchyard will be owned and maintained by NextLight.
 This is the interconnection for the Silver State South Project, but also will provide an
 interconnection for the Silver State North Project.

1 *See Exhibit C.*

2 The Proposed Facility will create an economically viable source of up to 400 MW/ac of
3 clean renewable electricity that can serve the growing demand for renewable energy in Nevada
4 and the Western U.S. and fulfills many state and national renewable energy policies.

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

7 The Company anticipates minimal uses of natural resources during construction and
8 operation. The Company will utilize limited amounts of water for dust control and panel
9 washing. The only other natural resources the Company anticipates using are those natural
10 resources incorporated into construction materials (e.g., steel and concrete).

11 **3. A summary of any studies which the applicant anticipates will be made of the**
12 **environmental impact of the proposed utility facility, including a copy of all**
13 **corresponding studies filed with appropriate federal agencies. (N.A.C. 703.421 (3))**

14 This Initial Application describes the requisite federal agency approvals for construction
15 of the Proposed Facility and sets forth a general description and summary of the studies that are
16 anticipated as part of a final environmental assessment or environmental impact statement
17 relating to the construction of the utility facility pursuant to NRS 704.870.2(a)(1).
18 *See Exhibit D.*

19 Site-specific studies which have been conducted, are ongoing, or will be conducted, are
20 summarized as follows: biological resources, threatened and endangered species, hydrology,
21 cultural and visual resources, geology and minerals, soil resources, air quality, land use and
22 recreation, traffic and transportation, socioeconomic impacts and hazardous materials and solid
23 wastes. All studies and supporting documents will be included in the final EIS, which will be
24 submitted to the Commission in the amended application pursuant to N.A.C. 703.423.

25 **4. A copy of the public notice of the application and proof of the publication of the**
26 **public notice. (N.A.C. 703.421 (4))**

27 A summary of the Initial UEPA Application has appeared in newspapers published and
28 distributed in the area where the Proposed Facility is planned pursuant to NRS 704.870.4(b) and

1 N.A.C. 703.421.4. *See* Exhibit E. A copy of the Initial Application has been filed with the clerk
2 of each local government affected by the location(s) pursuant to NRS 704.870(a). *See* Exhibit F.

3 **5. Proof that a copy of the application has been submitted to the Nevada State**
4 **Clearinghouse. (N.A.C. 703.421 (5))**

5 A copy of the Initial Application has been submitted to the Nevada State Clearinghouse
6 within the Department of Administration. *See* Exhibit F.

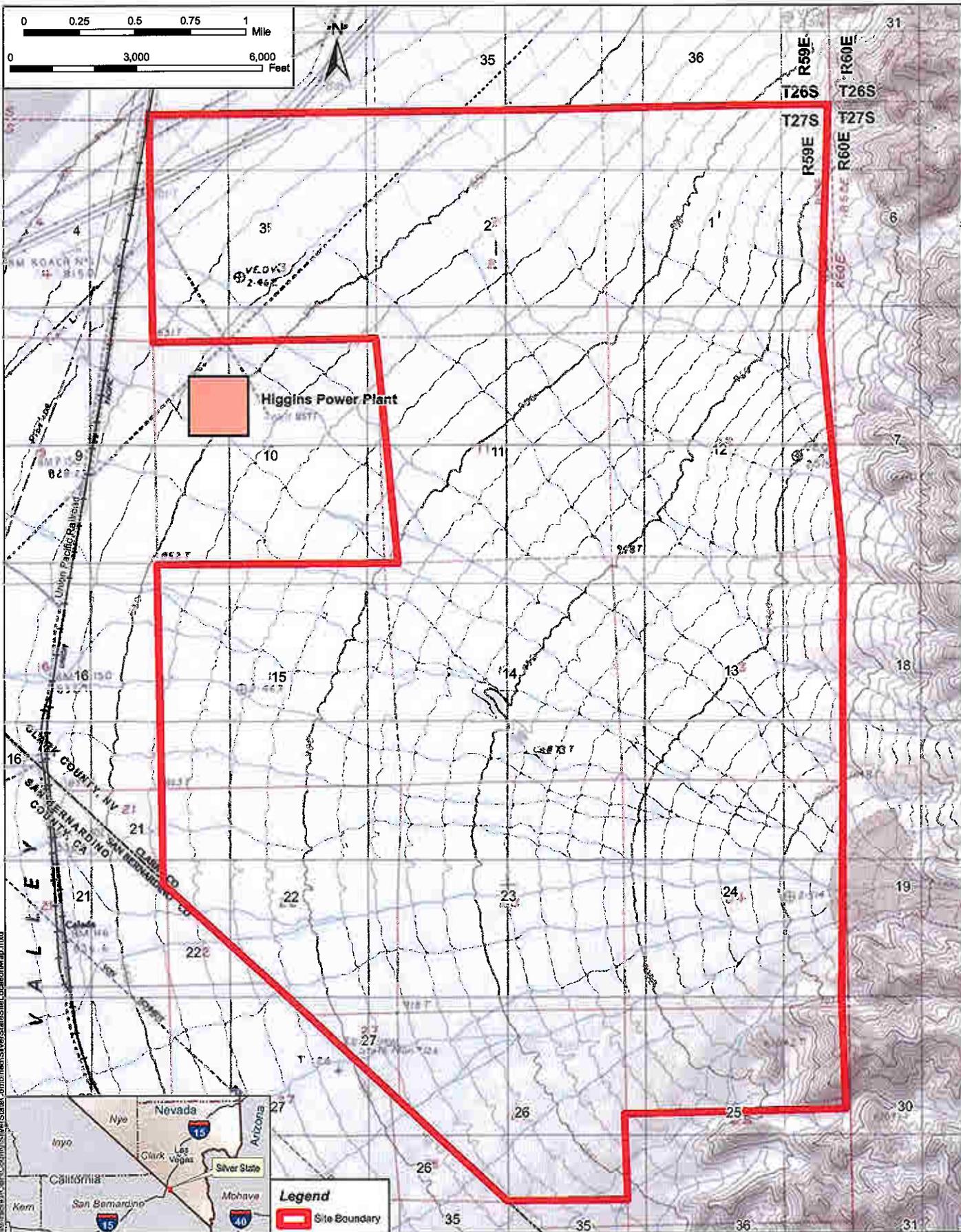
7 **F. CONCLUSION AND REQUEST FOR RELIEF**

8 NextLight will amend and supplement this application as permitted and contemplated
9 pursuant to NRS 704.820 to 704.900 and N.A.C. 703.415 to 703.427. Based on this Initial
10 Application and any amendment or supplement thereto, NextLight respectfully requests that the
11 Commission proceed in the manner required by law and, in accordance with N.A.C. 703.535(d),
12 issue an order that:

- 13 1. Grants a Permit to Construct the Proposed Facility, as described herein;
- 14 2. Grants such conditions and modifications that may allow for the issuance of the
15 UEPA permit to construct or a compliance order with the condition that NextLight may file any
16 outstanding required permits, licenses or approvals with the Commission prior to commencing
17 construction of the Proposed Facility pursuant to NRS 704.890;
- 18 3. Grants such deviations from the Commission's regulations as may be in the public
19 interest; and

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EXHIBIT A



T:\NextLight_Solar\GIS\MapDocs\SilverState\Combined\SilverStateSiteLocationMap.mxd

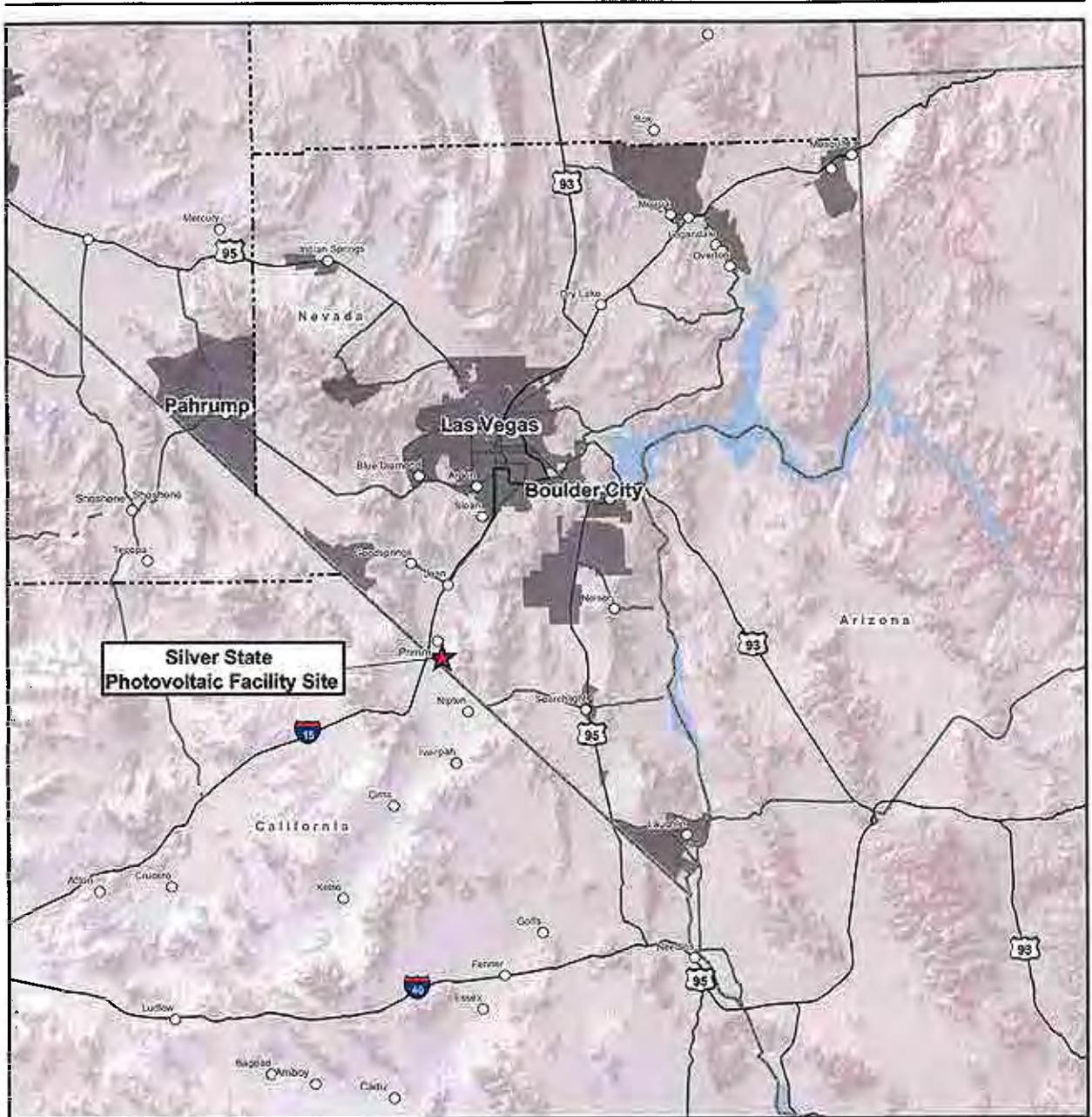
NextLight Renewable Power, LLC

Source: USGS 1:24,000-scale topographic map created with TOPOI, (c)2001 National Geographic Maps, All Rights Reserved.

Silver State Project
Site Location Map

2009

EXHIBIT B

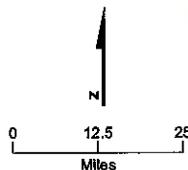


**Silver State
Photovoltaic Facility Site**

LEGEND

- ★ Facility Site
- City/Town
- Freeway
- Major Roads
- - - County Boundary
- Urban Areas

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

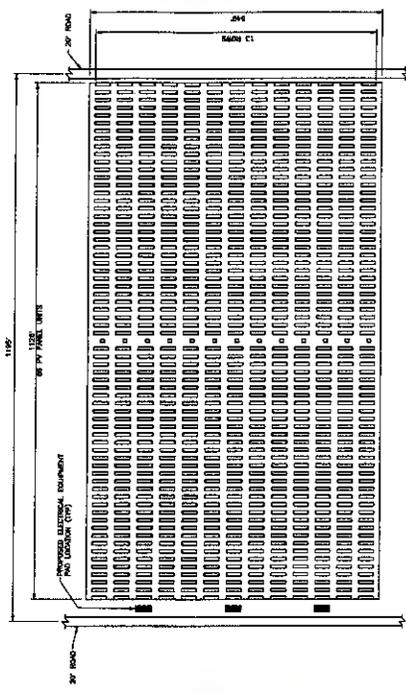
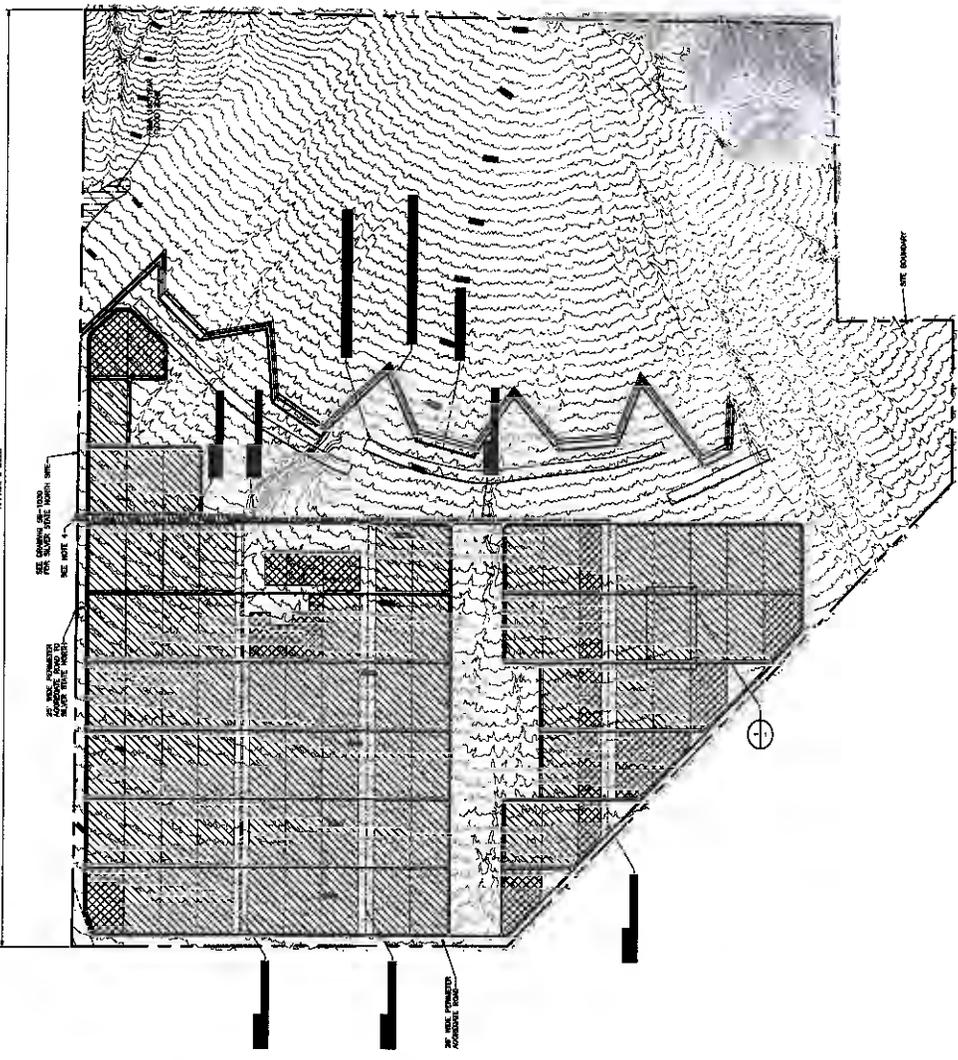
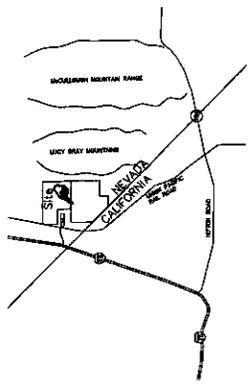


VICINITY MAP

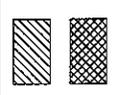


PROJECT VICINITY
SILVER STATE PHOTOVOLTAIC FACILITY
CLARK COUNTY, NEVADA

EXHIBIT C



LEGEND



NOTES

1. ALL 24.5KV OVERHEAD POWER LINES ARE SPACED BY CENTER TO CENTER ON 45' TALL POLES SPACED 100'.
2. CONCRETE SHALL BE AT LEAST 4" THICK.
3. SEE DIMENSIONS SECTION 11-15, 24-29 AND PORTIONS OF 55 AND 28 OF THIS SPEC.
4. 24.5KV OVERHEAD LINES CONTINUE TO SANDY STATE SOUTH SUBSTATION BEHIND ON DWS 104400-05-1000.

NOT TO BE USED FOR CONSTRUCTION

PROJECT	NEXTLIGHT RENEWABLE POWER LLC
SHEET NO.	16452-SS-1031
TITLE	SITE ARRANGMENT
DATE	

DESIGNED BY	BLACK & VEATCH
CHECKED BY	COMPARISON
DATE	

SCALE	AS SHOWN
DATE	

NO.	DATE	DESCRIPTION
1	02/24/2008	ISSUED FOR INFORMATION
2	02/24/2008	REVISED FOR PERMITTING
3	02/24/2008	REVISED FOR PERMITTING

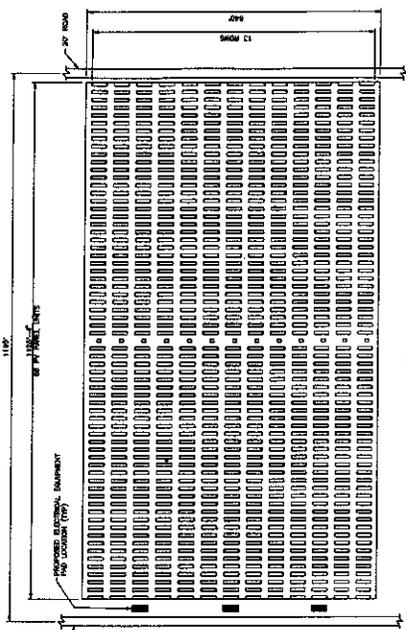
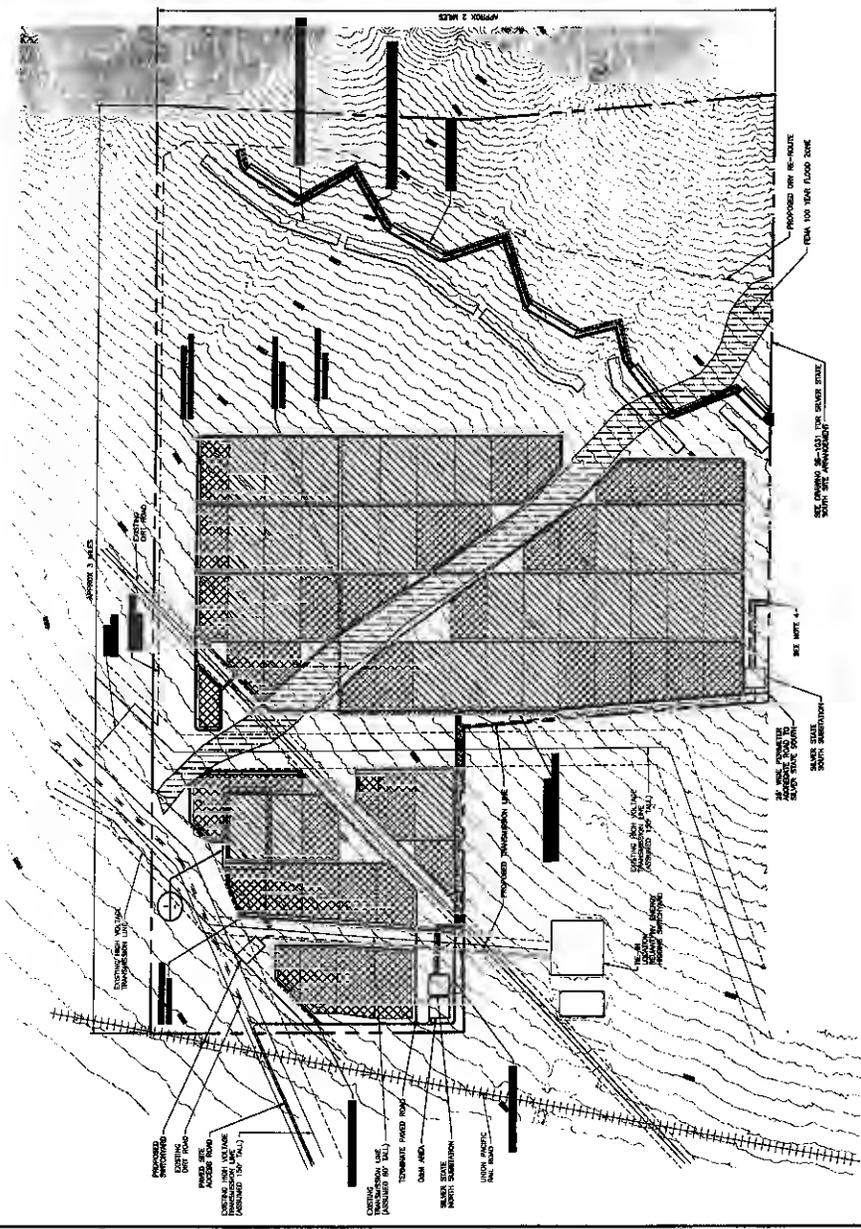
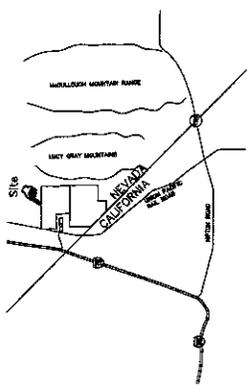
DATE	02/24/2008
SCALE	AS SHOWN

DATE	02/24/2008
SCALE	AS SHOWN

DATE	02/24/2008
SCALE	AS SHOWN

DATE	02/24/2008
SCALE	AS SHOWN

DATE	02/24/2008
SCALE	AS SHOWN



DETAIL 1
SOLAR PANELS

LEGEND

	COMPANIES FULL BLOCK OF PV PANELS PER DETAIL 1
	PROPOSED 10KV AND 20KV ACCESS ROADS WITH 10' SIDE SWAY AND 10' WIDE SHOULDER WITH 10' WIDE SHOULDER

- NOTES**
1. ALL SOLAR PANELS SHALL BE SPACED TO CENTER ON 40' TALL POLES SPACED 150'
 2. CONTOURS SHOWN AT 10' INTERVALS
 3. SEE COMPANIES SHEETS 1-10, 11 AND 112 OF THIS SET
 4. 24-HR OVERHEAD LINES CORRESPOND TO STATE ROUTE SHOWN ON DWG 164562-02-1231.

NOT TO BE USED FOR CONSTRUCTION

PROJECT: NEXTLIGHT RENEWABLE POWER LLC 164562-SS-1030		DATE: 08/20/2013		DRAWN BY: [Name]		CHECKED BY: [Name]		SCALE: 1"=200'		SHEET NO: 1		TOTAL SHEETS: 1	
CLIENT: BLACK & VEATCH CORPORATION		PROJECT: [Name]		DATE: [Date]		SCALE: 1"=200'		SHEET NO: 1		TOTAL SHEETS: 1		DRAWING NO: 164562-SS-1030	
DESIGNER: [Name]		CHECKER: [Name]		DATE: [Date]		SCALE: 1"=200'		SHEET NO: 1		TOTAL SHEETS: 1		DRAWING NO: 164562-SS-1030	
APPROVED BY: [Name]		DATE: [Date]		SCALE: 1"=200'		SHEET NO: 1		TOTAL SHEETS: 1		DRAWING NO: 164562-SS-1030		PROJECT: NEXTLIGHT RENEWABLE POWER LLC 164562-SS-1030	

EXHIBIT D

FEDERAL ACTION AND ENVIRONMENTAL STUDIES

The Proposed Facility will be located on federal lands managed by the U. S. Bureau of Land Management (BLM). Development of the Proposed Facility will require acquisition of a right-of-way from the BLM pursuant to the Federal Land Policy Management Act (FLPMA). As the Lead Agency under the National Environmental Policy Act (NEPA 42 U.S.C. § 4231 et seq.), the BLM has initiated development of an environmental impact statement (EIS) as the environmental review document to assess potential environmental implications of issuing a right-of-way for the Proposed Facility. Prior to issuing a right-of-way, the BLM must first complete the NEPA process, which concludes with publication of a Final EIS (FEIS) and a record of decision (ROD). Once the ROD is issued, the grant of right-of-way can be issued, subject to conditions as may be identified in the ROD.

A number of site-specific studies will be conducted to establish a baseline for evaluating potential impacts to the existing resources at the Proposed Facility site. These studies, and data acquired from government agency and resource databases, will be incorporated into the EIS analysis. The resource area studies that will be based on site-specific field survey data that will be included in the EIS are listed below.

- Biological Resources – Existing literature and resource databases will be reviewed to identify the potential presence of plant and animal species at the Proposed Facility site. These studies will be supplemented by data collected by site-specific field surveys conducted to verify the presence or absence of specific species, identification of potential habitat, and evaluation of existing habitat quality. Field surveys will be conducted for botanical resources, including sensitive plants, and noxious weeds, wildlife, and migratory birds.
- Threatened and Endangered Species – Statistically-based density surveys of any threatened or endangered species will be conducted to estimate the potential density across the Proposed Facility site. The BLM will initiate formal consultation with the U.S. Fish and Wildlife Service (FWS) pursuant to Section 7 of the Endangered Species Act. BLM will prepare a Biological Assessment for submittal to the FWS, and the FWS will issue a Biological Opinion and Incidental Take Permit for the proposed facility.
- Hydrology – Surface hydrology studies will be conducted to characterize storm water flows across the site. A portion of the site contains ephemeral drainages that cross the Nevada-California border, triggering U.S. Army Corps of Engineers (ACE) jurisdiction under Section 404 of the Clean Water Act (Interstate waters). As such, field studies will be conducted to identify and delineate any Waters of the U.S. An individual Section 404 permit from the ACE will be required for a portion of the Proposed Facility site.
- Cultural Resources – The BLM is required to demonstrate compliance with Section 106 of the National Historic Preservation Act. As part of the Section 106 compliance process, Class III cultural resource surveys will be conducted for the entire Proposed Facility site and associated facility areas. Compliance will require concurrence by the Nevada State Historic Preservation Officer (SHPO) on all resource report opinions and recommendations, and any required treatment or management plans. In addition, the BLM will consult with potentially affected Native American Tribes.

- Visual Resources – The EIS will include an evaluation of the visual impacts of the proposed facility. A visual analysis will be conducted using identified known observation points (KOPs) and preparation of visual simulations of the proposed facilities.

Additional studies will be incorporated into the EIS to provide a broad basis for decision maker consideration include the following:

- Geology and Minerals
- Soil Resources
- Air Quality
- Land Use and Recreation
- Traffic and Transportation
- Socioeconomic
- Hazardous Materials and Solid Wastes.

EXHIBIT E

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

NextLight Renewable Power, LLC (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 the Silver State Project, a photovoltaic power plant, under Nevada Revised Statutes, Chapter 704, Sections .802 to .900, and Nevada Administrative Code, Chapter 703, Section 415 to 427. The Silver State Project will be located within Clark County approximately 30 miles south of Las Vegas, Nevada on approximately 7,800 acres of land managed by the U.S. Bureau of Land Management ("BLM"), Southern Nevada District Office, under lease to the Company, in the vicinity of Primm, Nevada.

This Silver State Project is being undertaken to generate up to 400 nominal megawatts of new electric power to provide reliable electric power consistent with federal and state renewable energy portfolio objectives; and will include (1) a new solar power plant with a nominal generating capacity of approximately 400 MW; (2) two substations, both with 34.5 kV to 230 kV step-up transformers; (3) a 2.5 mile-long, 220 kV transmission line connecting one substation with the existing SCE Eldorado-Mountain Pass transmission line; and (4) a 0.3 mile-long 230 kV transmission line connecting the second substation with the NV Energy Higgins Power Plant.

The BLM will conduct a thorough environmental analysis of the Silver State Project, pursuant to the National Environmental Policy Act, and analyze the environmental impacts of the scope of the project and make a determination on whether or not to authorize the project and the 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 facility, including (a) a regional map that identifies the location of the proposed utility 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 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.

AFFP DISTRICT COURT
Clark County, Nevada

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,

LIONEL SAWYER & COLLINS 3838888LIO 5526250

was continuously published in said Las Vegas Review-Journal and / or Las Vegas Sun in 1 edition(s) of said newspaper issued from 08/08/2009 to 08/08/2009, on the following days:

08/08/2009

 JANET E. MILES
Notary Public State of Nevada
No. 09-8939-1
My appt. exp. Nov. 13, 2012

Signed: Stacey M. Lewis

SUBSCRIBED AND SWORN BEFORE ME THIS, THE
10 day of August, 2009.

Janet E. Miles
Notary Public

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

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PUB: August 8, 2009
LV Review-Journal

EXHIBIT F

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12 clearinghouse@state.nv.us

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15 DATED this 13th day of August, 2009.

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Lillie M. Kershaw