

State of Nevada
Renewable Energy Tax Abatement Application
AFN 12-0426G
Facility Information

Type of Incentives (Please check all that the company is applying for on this application.)

Sales & Use Tax Abatement

Property Tax Abatement

Company Information (Legal name of company under which business will be transacted in Nevada.)

Company Name: **Patua Project, LLC**

Department of Taxation's Tax Payer ID number: **1011605481-001**

Federal Employer ID number (FEIN, EIN or FID): **27-1454757**

NAICS Code: **221119 Other Electric Power Generation**

Description of Company's Nevada Operations: **The company will own and operate the Geothermal Power plant.**

Percentage of Company's Market Inside of Nevada: **100%**

Mailing Address: **9670 Gateway Dr. Ste 200**

City: **Reno**

State: **NV**

Zip:

89521

Phone: **(775)284-8842**

Fax: **(775)284-8846**

Nevada Facility

Type of Facility (please check all that are relevant to the facility)

- Geothermal
- Process Heat from Solar Energy
- Solar PV
- Solar Thermal
- Wind
- Biomass
- Waterpower
- Fuel Cells
- Transmission that is interconnected to a renewable energy or geothermal facility
- Transmission that contributes to the capability of the electrical grid to accommodate and transmit electricity produced from Nevada renewable energy facilities and/or geothermal

Name Plate Production Capacity of the Facility: **48 MW (Gross)**

Net Output Production Capacity of the Facility in MW: **30 MW (Net)**

Annual Net Production Capacity of the Facility in MWh (or other appropriate unit): **226,860 MWh**

Estimated total capital investment: **\$275,200,000**

Percent of total estimated capital investment expended in Nevada: **100%**

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Anticipated first date of purchasing tangible personal property for the project (Please be realistic): April 2011		
Anticipated date or time range for the start of construction (Please be realistic): October 8, 2012		
Anticipated date or time range for the commencement of operation of the facility (Please be realistic): 3rd Quarter 2013		
Address of the Real Property for the Generation Facility: 17388 Patua Road		
City: Hazen	State: NV	Zip: 89408

Size of the total Facility Land (acre): ~4,319 acres.
How Many Buildings will exist on the facility land? 2
Size of Each Building (sq.ft.) Control Bldg: 3,900 ft², Pump House: 400 ft²

Are you required to file any paper work with the PUC and/or FERC?			
If yes, YES	Purpose of the Filing with PUC: A PUC permit to construct has been issued under the Nevada Utility Environmental Protection Act (UEPA).	Filing Date OR Anticipated filing Date: 3/9/10	If Filed, PUC Docket Number: 10-03012
If yes, YES	Purpose of the Filing with FERC: QF/EWG Certification	Filing Date OR Anticipated filing Date: Estimated 7/1/12	If Filed, FERC Docket Number:

List All the county(s), Cities, and Towns where the facility will be located	
1	Churchill County, NV
2	City of Fernley, NV
3	Lyon County, NV
4	
5	
6	
7	
8	
9	

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ATTACH	
1	Description of the Technology and Complete Facility including generation, transmission or distribution, the physical point at which the ownership of energy is transferred and nature of the connection to the transmission grid Attached
2	Complete and legal description of the location of the proposed facility, including a regional facility map that identifies the location, county boundaries and state boundaries of the proposed facility or a reference to any such map of appropriate scale Attached
3	Description of any natural or nonrenewable resources that will be affected by or required to be used in the construction or operation of the proposed facility, including statement of any areas of mitigation, controversy, issue or concern Attached
4	Summary of the PUC and FERC Dockets if any PUC and FERC filing have started Attached
5	Copy of the Business Plan for the Nevada Facility: The Business Plan of the Patua Project, LLC is to generate electricity from renewable geothermal resources and sell the power under a long-term power purchase agreement to Sacramento Municipal Utility District (SMUD).
6	For Expansion Applications, Copy of the most recent assessment schedule and tax bill from the County Assessor's
7	Website link to company profile http://www.gradient.com/company/
8	Copy of the Current Nevada State Business License Attached
9	Facility Information Form
10	Employment Information, construction, and permanent employee salary schedules
11	Supplemental Information Form
12	Taxation Reporting Forms (Summary Sheet and Schedules 1 through 8)
13	Names and contact information for construction company, contractors, subcontractors
14	Letter from the utility or company describing the highlights of PPA, LOI, or MOU. The SMUD PPA and its terms are confidentially bound under the PPA. Attached is the press release announcing execution of the PPA for Patua.
15	Confidential Information Identification Form

1.0 Geothermal Power Generation Facility and Generation Substation

The power generation facility and generation substation will be located in Churchill County, entirely on privately owned land, T20N, R26E, Section 21, MDBM. The power generation facility will be built on an approximately 700 foot by 1,650 foot site (26 acres). Facility systems and equipment will be designed and selected for a commercial life of 30 years.

1.1 Geothermal Power Generation Facility

The power generation facility would include approximately three generation modules, capable of producing a nominal 30 MW (net) of electricity, as well as, associated wells, geothermal fluid pipelines, and access roads.

The power generation facility will be an air-cooled binary geothermal plant, wherein geothermal fluids (brine) are pumped to the facility from the wellfield via a system of pipelines. Engineering and construction of the facility is in agreement with applicable industry and local standards.

Each generation module consists of preheaters and vaporizers (heat exchangers), turbine, gearbox, electrical generator, air-cooled condenser, working fluid cycle pump, and motor control center (MCC). Power generation at the facility functionally resembles a steam cycle power plant: 1) a pump increases the pressure of a secondary organic working fluid; 2) high pressure working fluid is vaporized by heat extracted from geothermal brine via heat exchangers; 3) high pressure working fluid vapor expands in a turbine (turbo-expander) spinning a gear driven generator, and producing electrical power; 4) low-pressure working fluid vapor exits the turbine and is condensed through an air-cooled condenser before travelling back to the pump to restart the cycle. After passing through the heat exchangers, geothermal brine is pumped back to the wellfield for injection back to the geothermal reservoir. The organic working fluid selected for the process is a [REDACTED]. Reuse of the organic working fluid and reinjection of geothermal brine provides for a closed-loop process, virtually eliminating the potential for non-condensable gas emissions and geothermal fluid losses.

It is estimated that up to 12 individual production wells could be required to support the nominal 30 MW (net) of electricity generation.

Site drainage, including the power generation facility finish grade, ditches, swales, and other drainage features have been designed in accordance with Churchill County requirements. Drainage has been designed to ensure that storm water runoff would not adversely affect nearby surface waters.

1.2 Air-Cooled Condensers (ACC)

Each generating module will have a bank of ACC which condense the working fluid vapor, exiting the turbine, back into a liquid form using air as the cooling medium. ACC for each of the three generation modules will generally consist of twelve top mounted fans. ACC would be of single pass, induced draft, air to working fluid design, with carbon steel tubes and aluminum fins. ACC fans will have cowlings for air direction and personnel safety. Fan drive motors will be rated appropriately for outdoor installation. An air-cooled system on a binary power generation facility has virtually no water losses during normal operation, thus does not require a source of "make-up" water.

1.3 Fire Protection System

A fire protection system will be incorporated with facility design to include one 200,000 gallon water storage tank, two diesel powered pumps, water distribution piping, control panel, automatic valves, instrumentation and hydrants. Handheld fire extinguishers will also be located appropriately throughout the facility. Infrared flame detection sensors will be strategically placed, namely at locations adjacent to major equipment and hydrocarbon storage. When sensors detect flames, the valves in the zone of detection open until manually arrested. The fire water system will be utilized in outdoor areas for fire suppression and integrated with leak detection and audible alarm systems. O&M facilities will also be equipped with a separate waterless fire suppression system where protection of the MCC and other crucial electrical equipment is necessary. A waterless system has been selected to be safe for use where personnel may be located.

1.4 Power Generation Facility and Well Field Control System

A Programmable Logic Controller (PLC) will be utilized, with a graphical touch screen Human Machine Interface (HMI) terminal located on the face of the control panel in the motor control center (MCC) section of each module. This system is used to automatically safely start, stop and control each system under steady state and changing conditions, provide a visual indication of operating status, alarms and faults, and monitor protective devices associated with the complete cycle process. A master control DCS will provide overall supervisory control, located in the control building, and equipped with the appropriate redundancy and uninterruptable power supply.

1.5 Electrical System

Each of the three generation modules will have one electrical generator. Generators will each be rated at 18,824 kVA, 12.47kV, 3-phase, 60 Hz, power factor 0.85, 1,800 rpm.

1. Description of Technology

Power generated by the three modules will be transferred via underground cables to a switchyard located on the western side of the power block. The switchyard will contain a single 12.47kV to 120kV generator step-up (GSU) transformer.

1.6 Power Generation Facility Substation

The power generation facility will include a substation, which serves the function of connecting the facility's electrical output to the utility's electrical distribution system. At a minimum, the substation will include 12.47 kV switchgear and buswork, one or two generator step-up transformers (12.47 kV /120 kV), an "A" frame or "H" frame with disconnect switches to isolate the transmission system from the power generation facility, and circuit breakers for system isolation. Additionally, an emergency diesel generator will be installed in the switchyard to allow for energizing certain facility loads without requiring use of power from the utility. The substation will also include metering, relaying for remote monitoring and operations, and communication devices as necessary.

2.0 Transmission Interconnection

2.1 Interconnection Point

The project will interconnect to the NV Energy transmission system via the Eagle Substation located just north of Interstate 80 within the limits of the City of Fernley in Section 7, T20N, R25E, MDBM. Ownership of the power will transfer from the applicant to a power marketing subsidiary at the step-up transformer at the power plant, prior to the interconnection point.

2.2 Interconnection Line

Approximately 8 miles of 120 kV transmission line will be constructed between the geothermal power generation facility and the NV Energy facilities connecting to the Eagle Substation described above. The transmission line will be located on BOR managed lands, NDOW managed lands, and private land.

The project will require up to 300 amps per phase for a typical output of 30 MW transmitted at 120 kV. The line conductor will likely be 556 kcmil 26/7 aluminum conductor steel reinforced (ACSR) or 795 kcmil 26/7 ACSR. This selection is common for this voltage level and limits energy losses and voltage drop to less than 1 percent under maximum load. The transmission line is considered a critical line without which the project energy sales will not be possible. Therefore, the line has been designed and constructed using National Electrical Safety Code (NESC) Grade B load factors and strength reduction factors (SRF).

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1. Description of Technology

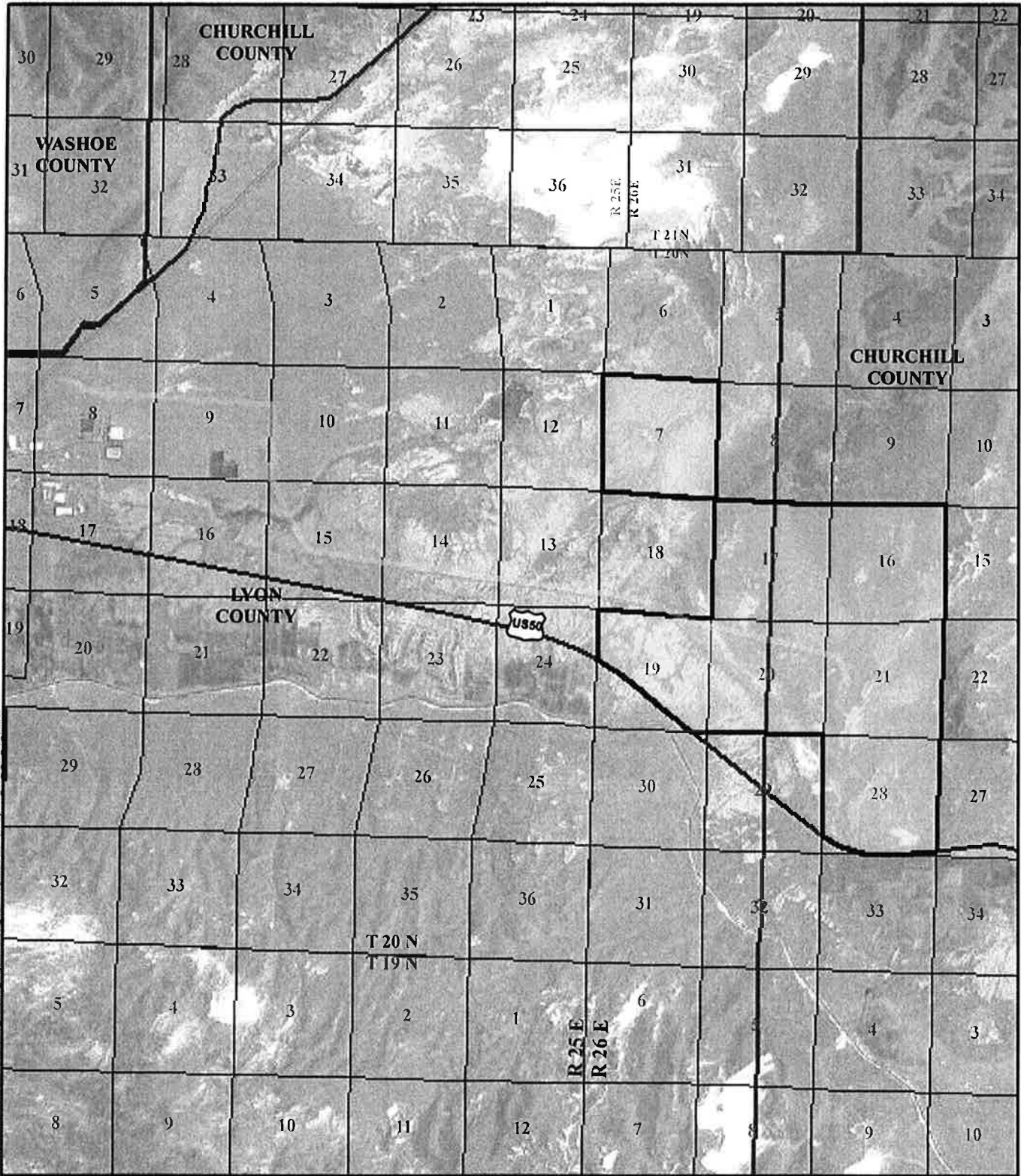
The transmission line must meet NESC Rule 232 and BOR requirements for clearances to ground. NESC 120kV required ground clearance is approximately 20.5 feet, to which a margin for design and construction variances is usually added for a design clearance of an estimated 24 feet. BOR requires a minimum of 40 feet clearance over pipeline and canal ROWs for 120 kV lines; in accordance with BOR's request one segment of the transmission line, located in Section 15, T20N, R25E, was heightened to achieve a 40 foot ground clearance above the Fernley East Wastewater Treatment Facility (FEWWTF) discharge into the Fernley Wildlife Management Area (FWMA). The line has been designed for providing the design clearance at a maximum operating temperature of 212°F, a typical temperature for ACSR conductor. The line will have additional capacity for potential future generation growth.

Two shield wires will be used for lightning protection. One of these shield wires will be a steel wire (3/8-inch EHS or similar) and the other may be a steel wire or optical ground wire, containing optical fibers for project use only (e.g., supervisory control and data acquisition (SCADA), protective relaying, controls and communications with NV Energy).

The line supports will typically be either single pole or H-frame (HF) structures with two wood poles, set about 14 feet apart in cross country sections. For a span of 800 feet, common for such construction, two 60 to 90 foot Class 1 Douglas fir poles will be sufficient for clearance and strength. The poles will be embedded an estimated 10 feet into the soil and the above-grade height will be approximately 50 to 80 feet. Special situations like crossing over hills, crossing roadways, and spanning topographic depressions would require a range of structure heights to achieve necessary clearances. The structure would use single polymer suspension insulators to support the 120kV conductors. Its cross arm will be wood and approximately 32 feet wide. Top bracing above the cross arm may be used for additional support of the arm on long spans. At angles in excess of about 5 to 10 degrees in the alignment (known as points of intersection), guyed 3-wood pole structures or steel poles would be used.



Patua Project, LLC 2. Patua Regional Facility Map

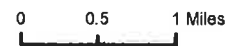
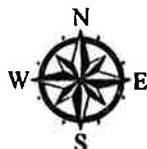
5/10/12



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Legend

-  Facility Area
-  County Line



Aerial Photo from <http://keck.library.ucr.edu/data/airphoto/airphoto.htm>
 Section boundaries from USGS PLSS.
 The contents of this map are approximate and subject to change.

PAT~689

Patua Project, LLC
AFN 12-0426G
2. Patua Legal Description

TOWNSHIP 20 NORTH, RANGE 26 EAST, MDM

- Section 7:** Lots 1 (38.32), 2 (38.78), 3 (39.24), 4 (39.70), E/2W/2, E/2 containing 636.04 acres
Section 16: All, a part of BLM Lease #NVN-85705 containing 640.00 acres
Section 17: All: containing 640.00 acres
Section 19: All that portion of said Section 19, lying Northerly of U.S. Highway 50 Alternate and U.S. Highway 95, Alternate. Said land is shown as Parcels 1, 2 and 3 on the final map Division of Land Into Large Parcels of Dark Horse Geo Center, recorded January 17, 2008, as Document No. 419535, of Official records, Lyon County, Nevada, containing 430.38 acres.
Section 20: Lots 1 (37.07), 2 (36.99), 3 (36.93), 4 (36.95), 5 (37.06), 6 (37.04), 7 (37.08) 8 (37.16), N/2, a part of BLM Lease #NVN-85705 containing 616.28 acres
Section 21: All, containing 631.28 acres
Section 28: All, a part of BLM Lease #NVN-85705 containing 640.00 acres

TOWNSHIP 20 NORTH, RANGE 25 EAST MDM

Section 8 & 9: A seventy-five foot (75') wide power transmission line easement over and across Parcel 1 of Parcel Map Number 441296 of the Official Records of Lyon County, Nevada, situate within portions of Section 8 and Section 9, the side line of which being thirty seven and one half feet (37.5') each side of and measured at right angles to the following described centerline:

Commencing at the Northeast corner of the aforementioned Section 9; thence along the Easterly line of the Northeast one-quarter (1/4) of said Section 9 South 00°27'18" West a distance of 1789.56 feet to the true point of beginning;

Thence North 87°07'11" West a distance of 8102.57 feet;

Thence North 64°34'28" West a distance of 1586.83 feet;

Thence South 52°56'59" West a distance of 601.86 feet more or less to the existing steel power transmission line tower the point of terminus of this description.

Pursuant to NRS 111.312 the legal description previously appeared in Deed #478285, recorded on June 24, 2011, in Lyon County records, Nevada.

Section 10: Beginning at a 3-1/2" diameter U.S. General Land Office brass cap monument set to mark the Northwest corner of said Section 10;

Thence South 89°19'28" East along the North line of said Section 10, a distance of 137.50 feet;

Thence departing said North line, South 00°26'22" West, 466.57 feet;

Thence North 89°19'28" West, 54.31 feet;

Thence South 00°33'26" East, 4672.58 feet;

Thence South 23°11'07" East, 119.35 feet to a point on the South line of Section 10;

Thence North 88°58'17" West along said South Line, 215.19 feet to the Southwest corner of Section 10;

Thence North 00°30'09" East along the West line of Section 10 a distance of 2,609.45 feet to the West One Quarter (1/4) corner of Section 10;

Thence North 00°26'22" East, continuing along said West line, 2,636.48 feet to the point of beginning, containing 15.31 acres, more or less.

Pursuant to NRS 111.312 the legal description previously appeared in the document, License to Use Reclamation Withdrawn Land, Document #474854, recorded on April 14, 2011, in Lyon County records, Nevada.

Section 13: Beginning at a point on the West line of said Section 13, distant thereon South 0°42'48" West, 1379.35 feet from a 3-1/2" diameter US General Land Office brass cap set to mark the West One-Quarter (1/4) corner of said Section 13;

Thence departing said West line, South 83°05'37" East, 4492.44 feet to a point on the East line of said Section 13, distant thereon South 0°15'10" West, 1858.04 feet from a 3-1/2" diameter US General Land Office brass cap set to mark the East One-Quarter (1/4) corner of said Section 13;

Thence South 00°15'10" West along said East Line, 75.51 feet;

Thence departing said East line, North 83°05'37" West, 4493.05 feet to a point on the West line of said Section 13;

Thence North 00°42'48" East along said West line, 75.44 feet to the point of beginning.
containing 7.74 acres of land, more or less.

Pursuant to NRS 111.312 the legal description previously appeared in Deed #466150, recorded on October 7, 2010, in Lyon County records, Nevada.

Section 14: Beginning at a point on the West line of said Section 14, distant thereon South 0°26'43" West, 803.71 feet Southerly from a 5/8" rebar with plastic cap stamped "Bell Surveying PLS 11420", set to mark the West One Quarter (1/4) corner of said Section 14;

Thence departing said West line, South 82°01 '56" East, 9.13 feet;

Thence South 83°05'37" East, 5354.04 feet to a point on the East line of said Section 14, distance thereon South 0°42'48" West 1379.35 feet from a 3 1/2," diameter U.S. General Land Office brass cap set to mark the East One Quarter (1/4) corner of said Section 14;

Thence South 00°42'48" West, 177.74 feet along said East line to a point on the North right-of-way line of Union Pacific Railroad;

Thence along said North right-of-way, North 83°05'02" West, 5362.42 feet to a point on the West line of said Section 14;

Thence North 00°26'43" East along said West line, 177.08 feet to the point of beginning.

containing 21.70 acres, more or less.

Pursuant to NRS 111.312 the legal description previously appeared in the document, License to Use Reclamation Withdrawn Land, Document #474854, recorded on April 14, 2011, in Lyon County records, Nevada.

Section 15: Beginning at a point on the North line of said Section 15, distant thereon South 88°58'17" East, 132.95 feet from a 3-1/2" diameter US General Land Office brass cap set to mark the Northwest corner of said Section 15;

Thence South 88°58'17" East along said North line, 82.24 feet;

Thence departing said North line, South 23°11 '07" East, 858.39 feet;

Thence South 28°50'31" East, 2566.28 feet;

Thence South 82°01 '56" East, 3488.57 feet to a point on the East line of said Section 15, distant thereon South 0°26'43" West, 803.71 feet from a 5/8" rebar with plastic cap stamped "Bell Surveying PLS 11420", set to mark the East One-Quarter (1/4) corner of said Section 15;

Thence South 00°26'43" West along said East line, 75.65 feet;

Thence departing said East line, North 82°01 '56" West, 3424.54 feet;

Thence South 06°55'54" West, 61.05 feet;
Thence North 83°04'06" West, 143.14 feet;
Thence North 28°50'38" West, 144.12 feet;
Thence North 61°09'22" East, 62.57 feet;
Thence North 28°50'31" West, 2401.51 feet;
Thence South 63°12'09" West, 63.12 feet;
Thence North 28°49'07" West, 95.51 feet;
Thence North 23°10'38" West, 93.59 feet;
Thence North 63°12'09" East, 63.16 feet;
Thence North 23°11'07" West, 801.27 feet to the point of beginning,
containing 12.65 acres of land, more or less.

Pursuant to NRS 11 1.312 the legal description previously appeared in Deed #466150, recorded on October 7, 2010, in Lyon County records, Nevada.

TOWNSHIP 20 NORTH, RANGE 26 EAST, MDM

Section 18: Beginning at a point on the West line of said Section 18, distant thereon South 0°15'10" West, 1858.04 feet from a 3-1/2" diameter U.S. General Land Office brass cap set to mark the West One Quarter (1/4) corner of said Section 18;
Thence departing said West line, South 83°05'37" East, 72.51 feet;
Thence North 09°24'46" East, 66.34 feet;
Thence South 80°35'14" East, 188.43 feet;
Thence South 09°24'46" West, 66.65 feet;
Thence South 78°04'50" East, 1854.96 feet
Thence North 17°23'16" East, 80.27 feet;
Thence South 72°36'44" East, 208.56 feet;
Thence South 17°23'16" West, 80.27 feet
Thence South 67°08'38" East, 1536.96 feet to a point on the South line of said Section 18, distant thereon North 85°39'12" West, 1405.77 feet from a 3-1/2" diameter U.S. General Land Office brass cap set to mark the Southeast corner of said Section 18;
Thence North 85°39'12" West along said South line, 459.33 feet to a point on the North right-of-way line of Union Pacific Railroad;
Thence along said North right-of-way the following 3 courses;
 Along the arc of a non-tangent curve to the left, concave Southwesterly, radial to a bearing of South 30°08'51" West, having a radius of 5829.58 feet, through a central angle of 21°38'43", a distance of 2202.30 feet;
 Along the arc of a spiral curve to the left whose chord bears North 82°33'19" West, 322.77 feet;
 North 83°05'02" West, 851.15 feet to a point on the West line of Section 18;
Thence North 00°15'10" East along said West Line, 178.68 feet to the point of beginning,
containing 10.25 acres of land, more or less.

Pursuant to NRS 111.312 the legal description previously appeared in the document License to Use Reclamation Withdrawn Land, Document #474854, recorded on April 14, 2011, in Lyon County records, Nevada.

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3. Description of Natural of Non-Renewable Resources

Description of any natural or nonrenewable resources that will be affected by or required to be used in the construction or operation of the proposed facility, including statement of any areas of mitigation, controversy, issue or concern:

Diesel Generators

An onsite diesel generator will be utilized periodically, primarily during start-up operations known as “black starts”. This common geothermal industry procedure utilizes a diesel generator when all the geothermal turbines have been stopped. The diesel generator will be used to start the first geothermal turbine. The geothermal turbine will then start the remaining geothermal turbines. The usage of the generator will be minimal, probably only a few hours a year.

Water Use

The geothermal project is being constructed utilizing air-cooled condensers. However, there will still be a modest amount of water usage during construction and operations.

The project currently estimates consuming approximately 2 acre-ft during *construction* of the geothermal facility. The primary uses of water will include dust abatement and the filling and testing of the onsite fire suppression tanks.

The project currently estimates consuming approximately 1 acre-ft annually during *operations* of the geothermal facility. The primary uses of water will include dust abatement and facility maintenance.

The water used for these activities would likely be purchased locally, likely from the City of Fernley, and trucked to the project site.

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4. Summary of PUC and FERC Dockets

PUCN Docket Summary: Patua Project UEPA Permit to Construct

The Patua Geothermal Project Utility Environmental Protection Act (UEPA) Application for a Permit to Construct, Docket Number 10-03012, was initially filed with the Public Utilities Commission of Nevada (PUCN) on March 9, 2010 and was amended in December, 2010. The Permit to Construct was approved and issued on July 18, 2011.

The project consists of a binary-cycle, geothermal power plant located 10 miles east of Fernley, NV, in Churchill and Lyon Counties. Proposed associated facilities to the geothermal power plant include geothermal wells, geothermal fluid pipelines needed to transport geothermal fluids, and the transmission interconnection line needed to deliver electricity to the grid.

In accordance with Nevada Revised Statute (NRS) 704.870(2), an amended UEPA application for a permit to construct was filed on December 23, 2010, which contained the United States Bureau of Land Management (BLM) and Bureau of Reclamation (Reclamation) Environmental Assessment pursuant to the National Environmental Policy Act (NEPA), Decision Record, and Finding of No Significant Impact (FONSI). Subsequently, on March 30, 2011, the PUCN produced an Order, consisting of findings and conclusions to Docket Number 10-03012, which granted the Amended Application subject to certain Compliance Items, which generally consist of acquiring various necessary permits prior to the issuance of a PUCN Permit to Construct.

Among other things, the PUCN Order found the following:

- a. That the probable effect to the environment that cannot be mitigated or avoided as a result of construction of the Project has been determined in accordance with NRS 704.890(1)(a);
- b. That the need for the Project balances any adverse effect on the environment in accordance with NRS 704.890(1)(c);
- c. That the Project represents the minimum adverse effect on the environment, considering the state of available technology and the nature and economies of the various alternatives in accordance with NRS 704.890(1)(d);
- d. That the location of the Project as proposed conforms to applicable state and local laws and regulations and that the Applicant has obtained or is in the process of obtaining, all other permits, licenses and approvals required by federal, state, and local statutes, regulations and ordinances in accordance with NRS 704.890(1)(e); and,
- e. That the Project will serve the public interest in accordance with NRS 704.890(1)(f).

After completion of the Compliance Items, the PUCN issued a Permit to Construct a binary-cycle, geothermal power plant consisting of up to six turbine generator modules, capable of generating up to 60 MW (net), in addition to air-cooled condensers, heat exchangers, a fire water storage tank and pump house with distribution piping, an electrical substation, a control/administrative building, a warehouse and maintenance building, housing for a diesel generator, up to 23 geothermal wells, above ground pipelines, and an approximately 8 mile, overhead, 120 kV single circuit electrical interconnection line.

SECRETARY OF STATE



NEVADA STATE BUSINESS LICENSE

PATUA PROJECT LLC

Nevada Business Identification # NV20071275459


Expiration Date: February 28, 2013

In accordance with Title 7 of Nevada Revised Statutes, pursuant to proper application duly filed and payment of appropriate prescribed fees, the above named is hereby granted a Nevada State Business License for business activities conducted within the State of Nevada.

This license shall be considered valid until the expiration date listed above unless suspended or revoked in accordance with Title 7 of Nevada Revised Statutes.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Great Seal of State, at my office on February 24, 2012




ROSS MILLER
Secretary of State

This document is not transferable and is not issued in lieu of any locally-required business license, permit or registration.

Please Post in a Conspicuous Location

**You may verify this Nevada State Business License
online at www.nvsos.gov under the Nevada Business Search.**

List of Required Permits or Authorizations for the Proposed Facility

Permit or Authorization Title	Issuing Agency	Project Circumstance Requiring Permit or Authorization	Steps to Obtain Permit	Application Date	Approval Date or Expected Approval Date
I. Federal Permits or Authorizations					
Section 404 of Clean Water Act	US Army Corps of Engineers	Determining jurisdiction of mapped wetland resources in project area.	Mapped extent of wetland area. Sent letter requesting Jurisdictional Determination by USACE. Received letter confirming that wetland area is not within the jurisdiction of the United States.	December 22, 2009	November 4, 2010
Section 106 of National Historic Preservation Act	State Historic Preservation Office (SHPO)	Understanding extent and significance of cultural resources in project area.	Mapped the extent of cultural resources in the project area. BLM determined no effect to existing cultural resources and therefore no SHPO concurrence would be required.	N/A	N/A
Geothermal Drilling Permit	Bureau of Land Management (BLM)	Required in order to drill geothermal wells on BLM managed land.	Complete drilling application and submit drilling program. Applications and permits are submitted and obtained on an ongoing and as need basis for each well.	Various	Various
Facilities Construction Permit	BLM	Required in order to construct utilization facilities on BLM land.	Complete Sundry Notice for wellhead facilities, pipelines, and transmission line.	Various	Various
Transmission Interconnection Right-of-Way Permits	Bureau of Reclamation (BOR)	Required in order to construct the transmission interconnection line on Reclamation managed land.	Submitted SF299 for transmission line route and construction. Reclamation approved after finding from Environmental Assessment.	November 2, 2009	February 7, 2011
National Environmental Policy Act (NEPA); Environmental Assessment (EA)	BLM / BOR	Required prior to BLM decision to allow project on Federal land.	Submitted Development Plans. BLM, in coordination with Reclamation, reviewed plans and prepared and Environmental Assessment of the action. Prepared a Finding of No Significant Impact with regards to the proposed project.	November 2, 2009	December 6, 2010
Commercial Use Permit	BLM	Required to produce geothermal resources from Federal lands.	Complete and submit application prior to commercial operations.	Est. July 2012	Est. September 2012

	Self Certification as a Qualifying Facility or EWG	Federal Energy Regulatory Commission (FERC)	Constitutes FERC certification of the project.	Submit application describing operating and efficiency standards of the facility, in addition to various other technical data.	Est. July 2012	Est. August 2012
	Hazen Drain Crossing	BOR / BLM	Required in order to cross Hazen Drain.	Submit crossing plans for approval.	Est March 2012	Est. May 2012
II. State of Nevada Permits or Authorizations						
	Stormwater Pollution Prevention Plan (SWPPP)	Nevada Division of Environmental Protection	Required for constructions projects disturbing more than one acre. Includes best management practices for controlling runoff.	Prepare SWPPP Notice of Intent form and SWPPP 2 days prior to construction. SWPPP remains on construction site and is updated regularly with changes to project.	December 11, 2008	December 19, 2008
	Surface Area Disturbance (SAD) Permit	Nevada Division of Environmental Protection	Required for surface disturbance projects exceeding 5 acres in area.	Application submitted to Bureau of Air Pollution Control.	December 11, 2008	January 6, 2009
	Geothermal Project Area Permit	Nevada Division of Minerals (NDOM)	Developers may submit a geothermal drilling project proposal for multiple production/injection wells. Reduces processing time for drilling permits.	Project area proposal submitted to Nevada Division of minerals.	August 19, 2008	October 7, 2008
	State Well Permit	Nevada Division of Minerals (NDOM)	Required in order to drill geothermal wells in the State of Nevada.	Complete drilling application and submit drilling program. Applications and permits are submitted and obtained on an ongoing and as need basis for each well.	Various	Various
	Geothermal Production Injection and Surface Disposal Approval	Nevada Division of Environmental Protection (NDEP)	Reinjection of Geothermal Fluids	Submit application including number of wells, type of wells, location of wells, etc.	Expect Q3 or Q4 2012	Expect Q1 2013
	Onsite Sewage Disposal System (OSDS) General Permit	Nevada Division of Environmental Protection (NDEP)	Required for permission to construct and operate the power plant septic system.	Complete septic design and submit application.	May 10, 2011	June 3, 2011
	Transmission Interconnection Right-of-Way Permits	Nevada Division of Lands & Department of Wildlife	Required in order to construct the transmission interconnection line on State of Nevada land.	Submitted request to use state lands. Worked with NV Dept of Wildlife to design route and structures with least impact on state lands.	May 7, 2010	September 24, 2010
	Utility Environmental Protection Act (UEPA)	Public Utilities Commission of Nevada	Required by the State of Nevada to assess the environmental impact of the facility.	Submitted initial application containing development plans. Submitted amended application containing Federal Environmental Assessment.	Initial: March 2010 Amended: December 2010	July 18, 2011

Class II Air Quality Permit	Nevada Division of Environmental Protection (NDEP)	Required to construct and operate the power plant.	Submit application describing power plant and blackstart generators.	April 12, 2011	June 10, 2011
Fire Marshall Building Construction Approval	State Fire Marshall Division	Required to construct and operate the power plant.	Submit application, including plans and drawings for review of code requirements and sprinklers, etc.	May 20, 2011	May 26, 2011
Sewage Discharge Permit	Bureau of Health Protective Services, Health Division, Environmental	Same as OSDS.	Same as OSDS.	Same as OSDS.	Same as OSDS.
Working in Waters Permit	NDEP- Bureau of Water Pollution Control (BWPC)	Required for construction near wetland areas.	Submit application, including, type of construction, and location, etc.	June 10, 2011	June 16, 2011
Pressure Vessel Permit	Nevada Division of Industrial Relations; Occupational Health and Safety	Required for operation and annual inspection of boilers and pressure vessels.	Arrange inspection of vessels design and construction. Vessels must be stamped and installed according to NV code.	During construction prior to operations.	During construction prior to operations.
Drinking Water Supplies Permit	Bureau of Health Protective Services, Health Division	Required for construction sites having more than 25 employees onsite for greater than 60 days.	Submit application and water plans. BHPSHD determined permit not necessary.	N/A	N/A
Nevada RPS Renewable Facility Registration	Public Utilities Commission of Nevada	Required to register with the State of Nevada as a renewable generator.	Submit application showing location of facility and electrical one-line diagram indicating interconnection point.	Expect Q3 or Q4 2012	Expect Q1 2013
III. County Permits or Authorizations					
Special Use Permit	Churchill County Planning Department	Required for the construction and operation of geothermal plants in Churchill County.	Submit application describing the geothermal facility.	August 27, 2010	October 26, 2010
Building Permit	Churchill County Building Department	Required for the approval of construction building plans in Churchill County.	Submit plans and drawings for review of code compliance. Churchill County having 3 phases: 1) Civil/Grading; 2) Foundations; and 3) Mechanical, Fire Protection, & Electrical.	1. May, 2011 2. Est June, 2011 3. Est June, 2012	1. June 13, 2011 2. Est. July, 2011 3. Est Aug, 2012
Temporary Use Permit	Churchill County Planning Department	Required for onsite personnel trailers/quarters.	Submit application describing trailers, their locations, and the anticipated duration.	May 18, 2009	July 24, 2009
IV. City Permits or Authorizations					
Special Use Permit	City of Fernley Planning Department	Required for the construction and operation of the transmission interconnection line, wells, and pipelines in the City of Fernley.	Submit application describing the transmission interconnection line, wells, and pipelines in the City of Fernley.	April 26, 2010	August 4, 2010
Building Permit	City of Fernley Building Department	Required for the approval of construction building plans in City of Fernley.	Submit plans and drawings for review of code compliance.	May 23, 2011	June 22, 2011

Employment

(Only Numerical Answers. NO general answers such as "will comply with the Nevada Laws and Regulation" or "at least 30%")

New Operations or Expansion

	Full Time	Part Time
CONSTRUCTION EMPLOYEES		
Number of anticipated construction employees who will be employed during the entire construction phase ?	72	
Number of anticipated construction employees who will be Nevada Residents ?	25	
Average anticipated hourly wage of construction employees, excluding management and administrative employees:	\$35	
Number of anticipated construction employees who will be employed during the second-quarter of construction ?	89	
Number of anticipated second-quarter construction employees who will be Nevada Residents ?	57	
PERMANENT EMPLOYEES		
Number of anticipated permanent employees who will be employed as of the end of its first fourth-quarter of new operations or expansion?	29	
Average anticipated hourly wage of permanent employees, excluding management and administrative employees:	\$27.95	
Number of permanent employees who were employed prior to the expansion?	0	
Average hourly wage of current permanent employees, excluding managements and administrative employees	0	

Employee Benefit Program for Construction Employees

Health insurance for construction employees and an option for dependents must be offered upon employment

List Benefits Included (medical, dental, vision, flex spending account, etc): This information will vary for each subcontractor. Subcontractors are aware of the minimum requirements, and will be required to comply to receive the bid.

Name of Insurer:

Cost of Total Benefit Package:

Cost of Health Insurance for Construction Employees:

Construction Employee Schedule

List all anticipated construction employees and associated wages for all persons who will be working on the construction of the facility during the entire construction period.

FULL TIME EMPLOYEES

		(a)	(b)	(c) = (a)+(b)	(d)	(e) = (c) x (d)	(f) = $\Sigma(e) / \Sigma(c)$
#	Job Title	# of Nevada Employees	# of Non-Nevada Employees	Total # of Employees	Hourly Wage per job title (\$)	Total Hourly Wage per job title (\$)	Average Hourly Wage (\$)
Management and Administrative Employees							
1	Manager of Construction	1	0	1	*****	*****	
2	Site Supervisor	1		1	*****	*****	
3	Project Manager		5	5	*****	*****	
4	Superintendent		5	5	*****	*****	
5	Assistant Project Manager		1	1	*****	*****	
6	Project Superintendent		2	2	*****	*****	
7	Admin Support		1	1	*****	*****	
8	Site Manager		1	1	*****	*****	
9	Project Engineer		1	1	*****	*****	
10	Electrical Engineer		1	1	*****	*****	
11	Doc Control		1	1	*****	*****	
12	Secretary		1	1	*****	*****	
13	Safety Engineer		1	1	*****	*****	
TOTAL 1		2	20	22		\$0.00	\$41.02

Construction Employees, excluding Management and Administrative Employees

1	Electrician, General Foreman		1	1	*****	*****	
2	Electrician, Foreman	1	1	2	*****	*****	
3	Electrician, Journeyman	5		5	*****	*****	
4	Electrician, Apprentice (Average Rate)	5		5	*****	*****	
5	Equipment Operators		10	10	*****	*****	
6	Carpenters		5	5	*****	*****	
7	Labor	2		2	*****	*****	
8	Pipe Fitters	10	10	20	*****	*****	
9					*****	*****	
10					*****	*****	
TOTAL 2		23	27	50		\$0.00	\$42.15

PART TIME EMPLOYEES

Management and Administrative Employees

1							
2							
3							
4							
5							
TOTAL 3							

Construction Employees, excluding Management and Administrative Employees

1							
2							
3							
4							
5							
TOTAL 4							

TOTAL = TOTAL 1 + TOTAL 2 + TOTAL 3 + TOTAL 4		25	47	72		\$0.00	\$41.81
TOTAL CONSTRUCTION PAYROLL							

Second Quarter Construction Employee Schedule

List all anticipated construction employees and associated wages for all persons who will be working on the construction of the facility during the second quarter of construction.

FULL TIME EMPLOYEES

#	Job Title	(a)	(b)	(c) = (a)+(b)	(d)	(e) = (c) x (d)	(f) = $\Sigma(e) / \Sigma(c)$
		# of Nevada Employees	# of Non-Nevada Employees	Total # of Employees	Hourly Wage per job title (\$)	Total Hourly Wage per job title (\$)	Average Hourly Wage (\$)
Management and Administrative Employees							
1	Manager of Construction	1	0	1	*****	*****	
2	Site Supervisor	1		1	*****	*****	
3	Project Manager		1	1	*****	*****	
4	Superintendent		1	1	*****	*****	
5	Assistant Project Manager		1	1	*****	*****	
6	Project Superintendent		2	2	*****	*****	
7	Admin Support		1	1	*****	*****	
8	Site Manager		1	1	*****	*****	
9	Project Engineer		1	1	*****	*****	
10	Electrical Engineer		1	1	*****	*****	
11	Doc Control		1	1	*****	*****	
12	Secretary		1	1	*****	*****	
13	Safety Engineer		1	1	*****	*****	
TOTAL 1		2	12	14		\$0.00	\$40.74

Construction Employees, excluding Management and Administrative Employees

1	Electrician, General Foreman		1	1	*****	*****	
2	Electrician, Foreman		1	1	*****	*****	
3	Electrician, Journeyman	2		2	*****	*****	
4	Electrician, Apprentice (Average Rate)	3		3	*****	*****	
5	Equipment Operators	5	5	10	*****	*****	
6	Carpenters		5	5	*****	*****	
7	Labor	30	2	32	*****	*****	
8	Pipe Fitters	15	6	21	*****	*****	
9							
10							
TOTAL 2		55	20	75		\$ -	\$41.35

TOTAL = TOTAL 1 + TOTAL 2		57	32	89			
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Second Quarter Construction Employee Schedule (Continued)

PART TIME EMPLOYEES

#	Job Title	# of Nevada Employees	# of Non-Nevada Employees	Total # of Employee	weekly Wage per job title (\$)	Total weekly Wage per job title (\$)	Average Hourly Wage (\$)
---	-----------	-----------------------	---------------------------	---------------------	--------------------------------	--------------------------------------	--------------------------

Management and Administrative Employees

1							
2							
3							
4							
5							
TOTAL							

Construction Employees, excluding Management and Administrative Employees

1							
2							
3							
4							
5							
TOTAL							

Permanent Employee Schedule

List all anticipated permanent employees who will be employed by the Nevada Facility as of the end of its first fourth-quarter of new operations or expansion and the employment per job title will continue next 20 years

FULL TIME EMPLOYEES

		(c)	(d)	(e) = (c) x (d)	(f) = $\Sigma(e) / \Sigma(c)$
#	Job Title	# of Employees	Hourly Wage per job title (\$)	Total Hourly Wage per job title (\$)	Average Hourly Wage (\$)
Management and Administrative Employees					
1	O&M Director	1	*****	*****	
2	Maintenance Manager	1	*****	*****	
3	Environmental Compliance Supervisor	1	*****	*****	
4	Safety Supervisor	1	*****	*****	
5	Plant Accountant	1	*****	*****	
6	Purchasing Agent	1	*****	*****	
7	Administrative Assistant	1	*****	*****	
8	Operations Supervisor	1	*****	*****	
9					
10					
TOTAL 1		8		0	\$33.36

Permanent Employees, excluding Management and Administrative Employees

1	Control Operator	4	*****	*****	
2	Mechanical Technician	3	*****	*****	
3	I&C Technician	2	*****	*****	
4	Electrical Technician	3	*****	*****	
5	Site Operator	8	*****	*****	
6	Warehouse Technician	1	*****	*****	
7					
8					
9					
10					
TOTAL 2		21		\$0.00	\$27.95

PART TIME EMPLOYEES

Management and Administrative Employees

1					
2					
3					
4					
5					
TOTAL 3					

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Permanent Employees, excluding Management and Administrative Employees

1					
2					
3					
4					
5					
TOTAL 4					
TOTAL = TOTAL 1 + TOTAL 2 + TOTAL 3 + TOTAL 4		29		0	\$ -
TOTAL ANNUAL PAYROLL					

State of Nevada
Renewable Energy Tax Abatement Application
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11. Supplemental Information

Please respond to each question. Answers to the questions will assist Department of Taxation staff in determining whether the facility should be locally or centrally assessed. Other questions will assist staff in understanding whether the reported replacement costs capture all aspects of taxable value.

1) Will you have a possessory interest in any governmentally owned property for this facility? Please describe if yes.

A portion of the Facility will be developed on federal lands (BLM and BOR) for which Patua has issued geothermal leases.

2) Do you anticipate making any concessions in the contract sales price for energy to account for discounted lease rates? Describe the nature of the concessions.

No

3) Will the facility, including generation, transmission, or distribution cross state or county boundaries? Please describe if yes.

Yes, plant will be located in Churchill County, several geothermal wells are located in Lyon County. The transmission line will also cross into Lyon County, where the interconnection substation is located.

4) Will the facility have long-term power purchase agreement (PPA) contracts with a utility?

Yes, Sacramento Municipal Utility District. (SMUD)

5) Will the contract(s) provide for the sale of renewable portfolio energy credits (PEC) to a utility? Please describe if yes

Yes. All PECs, RECs and other green attributes associated with the power sold to SMUD will also be delivered to SMUD as a bundled power/RECs product. Patua shall retain any excess PECs or RECs and may choose to sell those to other utilities.

6) Will the contract(s) provide for a long-term fixed rate for the sale of energy? Please describe if yes

Yes. The PPA has a long-term fixed rate, with minor escalation annually.

7) Is the facility owned by a subsidiary of a company that is interstate or intercounty in nature? Name and location of the subsidiary company, if yes.

Yes. Gradient Resources Inc., a Colorado corporation is the sole member and parent company of Patua Project, LLC. Gradient Resources is headquartered in Reno, NV.

8) Is the company and/or facility subject to regulation by the PUCN or FERC?

Yes. The PUCN has issued a permit to construct under UEPA laws, and FERC must certify the project as a Qualifying Facility (QF) and/or Exempt Wholesale Generator (EWG).

9) At what physical point is the ownership of energy transferred? Describe the location and nature of the connection to the transmission grid.

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11. Supplemental Information

The facility will interconnect to the transmission grid at Eagle substation, in Fernley, NV, via a ten mile radial interconnection line (120 kV). Energy will be transferred to a power marketing affiliate at the power plant and then to NV Energy at Eagle substation. NV Energy will transmit the power to Hilltop substation in Northern California, where SMUD takes ownership.

10) Will the facility be eligible for other abatements or exemptions such as pollution control exemptions? Please describe if
yes
No

11) Has your company applied and/or been approved for any abatements or exemptions for this facility or any other facility by the State of Nevada and/or local governments? If yes, list the abatements awarded, name and location of the project, name of the awardee, date of approval, amounts and status of the accounts.

The parent company of Patua Project, LLC, Gradient Resources Inc, (formerly known as Vulcan Power Company) received an abatement from the Nevada Commission on Economic Development on May 20, 2009. This abatement did not apply to Patua Project, LLC.

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 Renewable Energy Tax Abatement Application
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 12. Taxation Reporting Forms

Company : Patua Project LLC

Division:

Line No.	Schedule	Total Estimated RCNLD or Transaction Cost	Department Use Only
1	Sch. 1 Personal Property - Property Tax - Total from Col. J.	*****	
2	Sch. 2 Real Property - Improvements - Total from Col. F.	*****	
3	Sch. 3 Real Property - Land - Total from Col. I	*****	
4	Sch. 4 Operating Leases - Total from Col. F	*****	
5	Sch. 5 Contributions in Aid of Construction - Total from Col. F	*****	
6	Sch. 6 First Year Estimated Sales & Use Tax - Total from Col. J	*****	
7	Sch. 7 Second Year Estimated Sales & Use Tax - Total from Col. J	*****	
8	Sch. 8 Third Year Estimated Sales & Use Tax - Total from Col. J	*****	

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Company Name: Patua Project, LLC
 Division: _____

Instructions:

- (1) List each item of real property improvements subject to property tax in Col. A. Pursuant to NRS 361.035, real property includes all houses, buildings, fences, ditches, structures, erections, railroads, toll roads and bridges, or other improvements built or erected upon any land, whether such land is private property or public property; as well as mobile or manufactured homes converted to real property. Place all land on Schedule 3.
- (2) For each item in Col. A, complete the requested information in Col. B (if applicable), and Col. C through Col. F.
- (3) The total estimated cost reported in Col. F should include estimated or actual costs of labor, materials, supervision, contractors' profit and overhead, architects' plans and specifications, engineering plans, building permits, site preparation costs, sales taxes and insurance; costs of buying or assembling land such as escrow fees, legal fees, right of way costs, demolition, storm drains, rough grading or other land improvement costs, yard improvements including septic systems, signs, landscaping, paving, walls, yard lighting; off-site costs including roads, utilities, park fees, jurisdictional hookup, tap-in, impact or entitlement fees and assessments; and fixtures unique to the property.
- (4) Use Schedule 3 to report land; Schedule 4 to report operating leases; and Schedule 5 to report contributions in aid of construction.
- (5) Attach additional sheets as necessary.

A Real Property Improvements Itemized Description	B G/L Account No. (if applicable)	C Estimated Date of Completion	D Number of Units	E Construction Cost Per Unit	F Estimated Total Construction Cost
Wellpad fencing		12/1/2012			*****
Plant Fencing		3/1/2013			*****
Buildings		12/1/2012			*****
Concrete - Cast in place		9/1/2012			*****
Road Construction		7/1/2011			*****
Transmission line		12/1/2012			*****
Grand Total					\$ -

State of Nevada
Renewable Energy Tax Abatement Application
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Company: Patua Project LLC

Division: _____

Show the requested data for all land, owned or leased, in Nevada.

Line #	Where Situated		Brief Description	Size of the Land (acre)	Date Acquired	Assessor's Parcel Number (APN)	Owned (O) Leased (L) Rented (Rtd)	GIL Account Number (if applicable)	Purchase Price (if applicable)	Assessor's Taxable Value
	County	City or Town								
1	Churchill		T20N, R28E Sec. 04: All	719.23	11/1/2008	009-251-04	L		N/A	18,451.00
2	Lyon		T20N, R26E Sec. 07: All	636.04	9/30/2007	021-392-13	L		N/A	57,229.00
3	Churchill		T20N, R26E Sec. 08: E/2	320.00	11/1/2008	009-251-10	L		N/A	14,400.00
4	Lyon		T20N, R26E Sec. 08: W/2	320.00	11/1/2008	021-392-03	L		N/A	48,000.00
5	Churchill		T20N, R26E Sec. 09: All	640.00	9/30/2007	009-251-11	L		N/A	2,286.00
6	Churchill		T20N, R26E Sec. 10: All	640.00	11/1/2008	009-251-12	L		N/A	17,280.00
7	Churchill		T20N, R26E Sec. 15: All	640.00	9/30/2007	009-251-17	L		N/A	17,280.00
8	Churchill		T20N, R26E Sec. 16: All	640.00	11/1/2008	009-251-18	L		N/A	17,280.00
9	Churchill		T20N, R26E Sec. 17: E/2	320.00	9/30/2007	009-251-19	L		N/A	1,143.00
10	Lyon		T20N, R26E Sec. 17: W/2	320.00	9/30/2007	021-392-14	L		N/A	172,800.00
11	Lyon		T20N, R26E Sec. 19: S/2	430.38	9/30/2007	021-392-16, 17 & 18	L		N/A	564,171.00
12	Lyon		T20N, R26E Sec. 19: S/2 (geothermal resources only) No surface occupancy	160.00	1/10/2011	021-392-07	L		N/A	72,000.00
13	Churchill		T20N, R26E Sec. 20: E/2	308.14	11/1/2008	009-251-20	L		N/A	15,500.00
14	Lyon		T20N, R26E Sec. 20: W/2	308.14	11/1/2008	021-392-05	L		N/A	94,200.00
15	Churchill		T20N, R26E Sec. 21: All	631.28	9/30/2007	009-251-81 & 82	L		N/A	57,834.00
16	Churchill		T20N, R26E Sec. 22: All	640.00	11/1/2008	009-251-22	L		N/A	17,280.00
17	Churchill		T20N, R26E Sec. 27: All Except the Town of Hazen	480.00	9/30/2007	009-251-28	L		N/A	169,000.00
18	Churchill		T20N, R26E Sec. 28: All	640.00	11/1/2008	009-251-29	L		N/A	64,000.00
19	Churchill		T20N, R26E Sec. 29: SE	100.00	9/30/2007	through 69	L		N/A	2,197,111.00
20	Lyon		T20N, R26E Sec. 29: SW	220.00	9/30/2007	021-392-09	L		N/A	100,829.00
21	Lyon		T20N, R26E Sec. 30: All	625.68	9/1/2006	021-392-06	L		N/A	93,857.00
22	Lyon		T20N, R26E Sec. 31: W/2, N/2SE, SWSE	427.40	2/28/2011	021-401-11 through 021-401-21	L		N/A	166,200.00
23	Lyon		T20N, R25E Sec. 25: SESE	40.00	4/11/2011	021-501-11	L		N/A	140,543.00
24	Lyon		T20N, R25E Sec. 36: NENE	40.00	3/8/2011	021-307-10	L		N/A	146,229.00
25	Lyon		T20N, R25E Sec. 36: S/2NE	80.00	3/8/2011	021-307-11	L		N/A	164,986.00
26				10326.29						
27										
28										
29										
30										
Grand Total										4,429,889.00

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Company Name: _____
Division: _____

Instructions:

- (1) List all contributions in aid of construction (CIAC). CIAC is defined in NAC 361.260 as property which has been contributed to a utility by a prospective customer or which has been constructed by the utility and paid for by the prospective customer for which no reimbursement is required to be made by the utility to the prospective customer as a prerequisite to obtaining service.
- (2) For each item in Col. A, complete the requested information in Col. B (if applicable), and Col. C through Col. F.
- (3) The total estimated cost reported in Col. E and Col. F should contain the costs appropriate to real or personal property. For definitions, please refer to Schedule 1 for personal property and Schedule 2 for improvements.
- (4) Attach additional sheets as necessary.

A	B	C	D	E	F
Contributions in Aid of Construction (CIAC) Itemized Description	G/L Account No. (if applicable)	Real or Personal Property?	Number of Units	Replacement Cost Per Unit	Estimated Total Replacement Cost
N/A					
Grand Total					

Company Name: Patua Project, LLC

Division: _____

Instructions:

(1) List each item of personal property or materials and supplies subject to sales and use tax in Col. A. Refer to NRS Chapter 372 for taxable events.

(2) For each item in Col. A, complete the requested information in Col. B (if applicable), and Col. C through Col. J.

(3) Multiply Col. F times Col. G and report the result in Col. H. Find the appropriate sales/use tax rate on the Department of Taxation's website at <http://tax.state.nv.us>. Then scroll to "Quick Links" and select "Sales/Use Tax Rate Map". Place the rate in Col. I.

(4) Multiply Col. H times Col. I and place the result in Col. J.

(5) Attach additional sheets as necessary.

A	B	C	D	E	F	G	H	I	J
Personal Property or Materials and Supplies Itemized Description	G/L Account No. (if applicable)	Purchased by Facility Owner (FO) Contractor (C) Subcontractor (SC)	Date Purchased	Date Received or Estimated Receipt in	Number of Units	Price Per Unit	Total Transaction Cost	Applicable Sales Tax Rate	Estimated Sales Tax Paid or to be Paid
Wellfield Maintenance		FO		06/14 to 05/15			*****	7.60%	*****
Plant Maintenance - Other		FO		06/14 to 05/15			*****	7.60%	*****
Parts		FO		06/14 to 05/15			*****	7.60%	*****
Consumables		FO		06/14 to 05/15			*****	7.60%	*****
Grand Total									\$ -

State of Nevada
Renewable Energy Tax Abatement Application
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13.Names and Contact Information for Construction Company

NOTE: Project contractors, subcontractors, and other entities including owner that will be purchasing goods and equipment for the construction of the Facility are entitled to claim or receive the sales and use tax abatement

NOTE: Our main contractor is SAIC constructors, and they pay all of their subcontractors directly. We will have other subcontractors to be determined and added at a later date.

Contractors and Subcontractors List

Vendor 1	SAIC Constructors
Tax ID	20-1659922
Contact	Jack Stopyra
Mailing Address	622 Emerson Road, Suite 600 St. Louis, MO 63141
E-Mail	john.s.stopyra.jr@saic.com

Vendor 2	Caribou Construction
Tax ID	82-0472478
Contact	Breck Glassinger
Mailing Address	127 Bridon Way Jerome, ID 83338
E-Mail	breck@caribouinc.com

Vendor	
Tax ID	
Contact	
Mailing Address	
E-Mail	

Vendor 3	
Tax ID	
Contact	
Mailing Address	
E-Mail	

Vendor 4	
Tax ID	
Contact	
Mailing Address	
E-Mail	

Vendor 5	
Tax ID	
Contact	
Mailing Address	
E-Mail	

Vendor 6	
Tax ID	
Contact	
Mailing Address	
E-Mail	

Attestation and Signature

I, _____, by signing this Application, I do hereby attest and affirm under penalty of perjury the following:

- (1) I have the legal capacity to submit this Application on behalf of the applicant;
- (2) I have prepared and personally knowledgeable regarding the contents of this Application; and
- (3) The content of this Application are true, correct, and complete.

Name of person authorized for signature:

Signature:

Title:

Date:

State of Nevada
Renewable Energy Tax Abatement
AFN:

This Application contains confidential information: Yes No

If yes, please identify any information in the within Application or documents submitted herewith, which Applicant considers confidential or trade secret information. Further, identify: (1) the applicable statutory authority or agreement preventing public disclosure of the information; and (2) Applicant's rationale underlying non-disclosure of the information or document(s).

Applicant acknowledges that the burden of demonstrating confidentiality or trade secret status lies with the Applicant, and Applicant agrees to defend and indemnify the State and its agencies for honoring such designation. Notwithstanding, Applicant understands that the over-inclusive designation of information or documents as confidential or trade secret may cause the Nevada State Office of Energy to conduct further inquiry of the Applicant into the confidentiality of the information, potentially delaying submission of the Application to the Nevada Energy Director.

Material for which confidentiality is claimed:

Estimated total capital investment

Proprietary information in attachment 1. Description of Technology

10. Employment Information

12. Taxation Reporting Forms

Basis for claims of confidentiality: