

State of Nevada  
Renewable Energy Tax Abatement Application  
AFN:

<b>Facility Information</b>	
<b>Date of Submittal to GOE:</b>	3-Aug-15
<b>Type of Incentives</b> (Please check all that the company is applying for on this application)	
<input checked="" type="checkbox"/> Sales & Use Tax Abatement	<input checked="" type="checkbox"/> Property Tax Abatement
<b>Company Information</b> (Legal name of company under which business will be transacted in Nevada.)	
Company Name: Playa Solar 2, LLC	
Department of Taxation's Tax Payer ID number: NA	
Federal Employer ID number (FEIN, EIN or FID): 37-1786904	
NAICS Code:	CONFIDENTIAL
Description of Company's Nevada Operations: Development, construction, and operation of 100 MW solar photovoltaic power plant near Apex, Nevada.	
Percentage of Company's Market Inside Nevada: CONFIDENTIAL	
Mailing Address: Attn: Michael Argentine, 135 Main Street, 6th Floor, San Francisco, CA 94105	
City:	Unincorporated Clark County, near Apex, Nevada
Phone:	(415) 935-2500
APN:	See Attachment 1
Taxation District where facility is located: Clark County District 100	
<b>Nevada Facility</b>	
<b>Type of Facility</b> (please check all that are relevant to the facility)	
<input type="checkbox"/> Geothermal <input type="checkbox"/> Process Heat from Solar Energy <input checked="" type="checkbox"/> Solar PV <input type="checkbox"/> Solar Thermal <input type="checkbox"/> Wind <input type="checkbox"/> Biomass <input type="checkbox"/> Waterpower <input type="checkbox"/> Fuel Cells <input type="checkbox"/> Transmission that is interconnected to a renewable energy or geothermal facility <input type="checkbox"/> Transmission that contributes to the capability of the electrical grid to accommodate and transmit electricity produced from Nevada renewable energy facilities and/or	
Name Plate Production Capacity of the Facility: 104 MW(ac)	
Net Output Production Capacity of the Facility in MW: 100 MW(ac)	
Annual Net Production Capacity of the Facility in MWh (or other appropriate unit): CONFIDENTIAL	

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Estimated total capital investment: \$	177,036,800.00
Percent of total estimated capital investment expended in Nevada: 100%	
Anticipated date or time range for the start of construction: Q4 2015 to Q2 2016	
Anticipated date for the Commercial Operation Date (COD) of the facility: Q4 2016	
Address of the Real Property for the Generation Facility: In unincorporated Clark County, near the intersection of Highway 92 and Interstate 15	
City: Near Apex, Nevada	

Size of the total Facility Land (acre): 1,237.25
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Are you required to file any paper work with the PUC and/or FERC?		
If yes,	Purpose of the Filing with PUC: Filed a UEPA permit	Filing Date OR Anticipated filing Date: Filed on: 9/3/2014
If yes,	Purpose of the Filing with FERC: Approval of Large Generator Interconnection Agreement	Filing Date OR Anticipated filing Date: Filed on: 2/25/2015.

List All the county(s), Cities, and Towns where the facility will be located	
1	Unincorporated Clark County
2	
3	
4	
5	
6	
7	
8	
9	

CHECKLIST - PLEASE ATTACH: PLEASE REFER TO ATTACHMENT 1.	
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

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<b>2</b>	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
<b>3</b>	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
<b>4</b>	Summary of the PUC and FERC Dockets if any PUC and FERC filing have started
<b>5</b>	Copy of the Business Plan for the Nevada Facility
<b>6</b>	For Expansion Applications, Copy of the most recent assessment schedule and tax bill from the County Assessor's Office or the Department of Taxation
<b>7</b>	Website link to company profile
<b>8</b>	Copy of the Current Nevada State Business License
<b>9</b>	Facility Information Form
<b>10</b>	Employment Information, construction, and permanent employee salary schedules
<b>11</b>	Supplemental Information Form
<b>12</b>	Taxation Reporting Forms (Summary Sheet and Schedules 1 through 8)
<b>13</b>	Names and contact information for construction company, contractors, subcontractors
<b>14</b>	Letter from the utility or company describing the highlights of PPA, LOI, or MOU.
<b>15</b>	Confidential Information Identification Form

**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
<b>I. Federal Permits or Authorizations</b>					
ROW Grant	U.S. Department of Interior, Bureau of Land Management (BLM)	ROW Grant sets lease conditions for construction and operation of the solar facility on BLM managed federal lands	Filing of SF-299 Application for Transportation and Utility Systems and Facilities on Federal lands and associated Plan of Development (POD), NEPA review and approval (Environmental Assessment, Finding of No Significant Impact and Decision Record) The NEPA process also review and approvals of participating agencies including USFWS Section 7 Consultation, National Historic Preservation Act Section 106, and United States Army Corps of Engineers Section 404 Jurisdiction Waters of the US determination.		
BLM/State Historic Preservation Officer (SHPO) NHPA Section 106 Consultation MOA/HPTP	BLM and State Historic Preservation Office	Potential Adverse Impacts to Cultural Resources as required in National Environmental Policy Act, National Historic Preservation Act	Analysis, review and mitigation of potential impacts through NEPA process. Development of Memorandum of Agreement (MOA) and Historic Properties Treatment Plan		
Endangered Species Act (ESA), Biological Opinion (BO)/Incidental Take Statement	USFWS	Requirement under the Endangered Species Act to evaluate potential impacts to federally listed wildlife and plant species and subsequent Section 7 consultation when adverse impacts are anticipated	Analysis, review and mitigation of potential impacts through NEPA process. Filing of a Biological Assessment and Initiation of Section 7 Consultation followed by issuance of a Biological Opinion and Incidental Take Statement		
<b>II. State of Nevada Permits or Authorizations</b>					
Special Purpose Permit	Nevada Department of Wildlife (NDOW)	Project construction may disturb state protected wildlife or their habitat. Permit is necessary prior to handling any wildlife as defined by the State of Nevada for the purpose of removing out of harms way	Department conducts a project review that includes a wildlife and habitat consultation.		
Groundwater Discharge Permit	Nevada Division of Environmental Protection (NDEP)	Water discharged to groundwater	Point source discharge to surface water, i.e., natural channel, roadway or storm drain for a duration of less than 6 months. Required for dewatering during construction.		
Permit for Working in Waterways	Nevada Division of Environmental Protection (NDEP)	Work in Waters of the State	Application to NDEP identifying Waters of State impacted by mechanical construction equipment.		
Utility Environmental Protection Act Permit to Construct (UEPA)	Public Utilities Commission of Nevada (PUCN)	UEPA permits are required for all renewable energy utility facilities of 70 MW or greater in the State of Nevada	Application to PUCN at conclusion of Federal environmental review process. UEPA permit must be obtained prior to commencement of construction.		

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Water Rights Modification	Nevada Division of Water Resources (State Engineer)	Water Rights Change of Place of Use and Change of Point of Diversion	Application for permit changes will be made by the Southern Nevada Water Authority, the holder of the water rights
<b>III. County Permits or Authorizations</b>			
Dust Control Permit	Clark County Department of Air Quality	Grading the collector field, access road, and transmission access would exceed one quarter acre.	Project owner submits an assessor's map, owner's designation, and per-acre fee.
Land Development Review	Clark County Public Works	Project construction will alter drainage in existing drainage channels.	Development proposals must be submitted to Public Works for review if the development has regional flood control significance, meaning those facilities, land alterations, portions of the natural drainage system and regulatory actions that impact the implementation of the Master Plan, or tie with Special Flood Hazard Areas. Public Works coordinates directly with the Flood Control District.
Permit for Temporary Structures	Clark County Building Department (CCBD)	Required for installation of temporary facilities (at discretion to CCBD).	Project owner conducts plan review/approval and files an application with the CCBD.
Building Permit for Permanent Structures	Clark County Building Department (CCBD)	Required for construction and occupancy of project facilities.	Project owner submits grading and drainage plans to the County.
Grading Permit	Clark County Building Department (CCBD)	Grading the solar field, access road, transmission access, parking and move on areas	Project owner provides a Title 30 Land Use Application and site plan, elevation, floor plan, etc.
Special Use Permit	Clark County Building Department (CCBD)	The solar collector field and other project facilities will be considered a major construction project.	Project owner prepares and submits site plans and Hazardous Materials Information Sheets for hazardous materials with quantities in excess of permitting thresholds
Hazardous Materials Permit	State Fire Marshal	Storage of hazardous materials at the facility.	The plans for a commercial septic system must be submitted for review to SNHD.
Commercial Septic System Permit	Southern Nevada Health District (SNHD)	Required by SNHD for new commercial septic system.	Submit plans and application to CCFD.
Annual Operations Permit	Clark County Fire Department (CCFD)	Storage of diesel on site.	
<b>IV. City Permits or Authorizations</b>			
N/A			

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**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

First Solar anticipates that additional contractors and subcontractors will be selected to work on the Playa Solar 2 Project. First Solar will provide any additional information as it becomes available.

**Contractors and Subcontractors List**

<b>Vendor 1</b>	
Tax ID	
Contact	
Mailing Address	
E-Mail	
<b>Vendor 2</b>	
Tax ID	
Contact	
Mailing Address	
E-Mail	
<b>Vendor 3</b>	
Tax ID	
Contact	
Mailing Address	
E-Mail	
<b>Vendor 4</b>	
Tax ID	
Contact	
Mailing Address	
E-Mail	
<b>Vendor 5</b>	
Tax ID	
Contact	
Mailing Address	
E-Mail	
<b>Vendor 6</b>	
Tax ID	
Contact	
Mailing Address	
E-Mail	
<b>Vendor 7</b>	
Tax ID	
Contact	
Mailing Address	
E-Mail	

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**Employment Information**

**Employment- \*Wages will be updated to reflect 2015 requirements once available.**

**New Operations or Expansion**

<b>CONSTRUCTION EMPLOYEES</b>	<b>Full Time</b>	<b>Part Time</b>
Number of anticipated construction employees who will be employed during the <b>entire construction phase</b> ?	335	N/A
Average anticipated hourly wage of construction employees, excluding management and administrative employees:		N/A
Number of anticipated construction employees who will be employed during the <b>second-quarter of construction</b> ?	335	N/A
Percentage of anticipated <b>second-quarter</b> construction employees who will be <b>Nevada Residents</b> ?	at least 50%	N/A
Number of anticipated <b>second-quarter</b> construction employees who will be <b>Nevada Residents</b> ?	at least 168	N/A
<b>PERMANENT EMPLOYEES</b>		
Number of anticipated permanent employees who will be employed as of the end of its first fourth-quarter of new operations or expansion?	5	N/A
Average anticipated hourly wage of permanent employees, excluding management and administrative employees:		N/A
Number of permanent employees who were employed prior to the expansion?	N/A	N/A
Average hourly wage of current permanent employees, excluding managements and administrative employees	N/A	N/A

**Employee Benefit Program for Construction Employees**

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

First Solar has not yet chosen a vendor to provide construction labor. Benefits for construction employees and their dependents will be determined by vendors and will be required to meet or exceed the requirements of NRS 701A.365(1)(d)(4)(I) & (II) and NAC 701A.590(5). Compliance with these requirements is mandatory for vendors and is so stated in the contracts to be provided to vendors. Copies of these contracts are available upon request.

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Name of Insurer: This will be determined once First Solar chooses a subcontractor

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Cost of Total Benefit Package:     TBD	Cost of Health Insurance for Construction Employees:     TBD
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### 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)	(e) = (c) x (d)	(f) = Σ(e) / Σ(c)
#	Job Title	# of Nevada Employees	# of Non-Nevada Employees	Total # of Employees	Total Hourly Wage per category (\$)	Average Hourly Wage (\$)

	Construction Employees, excluding					
	Management and Administrative Employees	168	167	335		
	<b>TOTAL</b>			335		<b>\$36.09</b>
<b>TOTAL CONSTRUCTION PAYROLL (Approx)</b>		<b>\$25,147,512.00</b>				



## 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

		(a)	(b)	(c) = (a)+(b)	(e) = (c) x (d)	(f) =Σ(e) / Σ(c)
#	Job Title	# of Nevada Employees	# of Non-Nevada Employees	Total # of Employees	Total Hourly Wage per job title (\$)	Average Hourly Wage (\$)
	<b>Construction Employees, excluding</b>	168	167	335		
	<b>Management and Administrative Employees</b>					
	<b>TOTAL</b>			335		\$36.09

<b>TOTAL CONSTRUCTION PAYROLL (approx)</b>	<b>\$25,147,512.00</b>
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### 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 )                      (f) =Σ(e) / Σ(c)

#	Job Title	# of Employees	Average Hourly Wage (\$)
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1	Management and Administrative Employees	1	
2	Permanent Employees, excluding Managemenet and Administrative Employees	4	
<b>TOTAL</b>			<b>\$22.68</b>

<b>TOTAL ANNUAL PAYROLL (approx)</b>	<b>\$235,872.00</b>
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**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.**

Yes. Playa Solar 2, LLC has recently received a Right of Way Grant on land owned by the Bureau of Land Management.

**2) Will the facility, including generation, transmission, or distribution cross state or county boundaries? If yes, please describe.**

No.

**3) 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, Playa Solar 2, LLC is a wholly-owned subsidiary of First Solar, Inc. First Solar, Inc is the world's leading manufacturer of thin film photovoltaic (PV) modules. First Solar has over 10 GW of modules installed worldwide. First Solar is headquartered in Tempe, Arizona and has multiple office locations through the US and abroad.

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

The Project will interconnect into NV Energy's transmission system via a gen-tie line owned by Playa Solar 2, LLC connecting the Project to the Harry Allen Substation, which is owned by NV Energy, and located just a half mile from the Project site. The physical point at which the ownership of energy is transferred will be where the Project's 230 kV transmission line terminates on the Project's termination structure and switch that is adjacent to the NV Energy's 230kV Harry Allen Substation, where the Project will interconnect.

**5) Will the facility be eligible for other abatements or exemptions such as pollution control exemptions? Please describe if yes**

No.

**6) 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 awarder, date of approval, amounts and status of the accounts.**

No.

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**Summary Report**  
**Schedules 1 through 8**

**Company:**

**Division:**

Line No.	Schedule	Total Estimated RCNLD or Transaction Cost	Department Use Only
1	Sch. 1 Personal Property - Property Tax - Total from Col. J.	\$ 151,000,000.00	
2	Sch. 2 Real Property - Improvements - Total from Col. F.	\$ 13,000,000.00	
3	Sch. 3 Real Property - Land - Total from Col. I	Unknown	
4	Sch. 4 Operating Leases - Total from Col. F	\$ 8,824,800.00	
5	Sch. 5 Contributions in Aid of Construction - Total from Col. F	NA	
6	Sch. 6 First Year Estimated Sales & Use Tax - Total from Col. J	\$ 4,212,000.00	
7	Sch. 7 Second Year Estimated Sales & Use Tax - Total from Col. J	NA	
8	Sch. 8 Third Year Estimated Sales & Use Tax - Total from Col. J	NA	



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**Property Tax: Real Property Improvements  
Schedule 2**

Company Name: Playa Solar 2, 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 2*
- (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.
- (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	B	C	F
<b>Real Property Improvements Itemized Description</b>	<b>GL Account No.</b> <small>(if applicable)</small>	<b>Estimated Date of Completion</b>	<b>Estimated Total Construction Cost</b>	
Rough grading, storm drains, site prep		5/1/16		
Access roads, utilities		5/1/16		
<b>Grand Total</b>			<b>\$ 13,000,000.00</b>	

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Company: Playa Solar 2, LLC  
 Division: \_\_\_\_\_

**Property Tax: Real Property Land**  
**Schedule 3**

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

A	B	C	D	E	F	G	H	I	
Line #	County	Where Situated City or Town	Tax District	Brief Description, Size of the Land (acre), Date Acquired	Assessor's Parcel Number (APN)	Owned (O) Leased (L) Rented (Rtd)	G/L Account Number (if applicable)	Purchase Price (if applicable)	Assessor's Taxable Value
1	Clark	Unincorporated	100	BLM Lands, 335.79 acres, ROW expected Aug 1, 2015	084-36-000-002	L	NA	NA	Unknown
2	Clark	Unincorporated	100	BLM Lands, 75.08 acres, ROW expected Aug 1, 2016	103-01-000-001	L	NA	NA	Unknown
3	Clark	Unincorporated	100	BLM Lands, 601.77 acres, ROW expected Aug 1, 2017	103-02-000-001	L	NA	NA	Unknown
4	Clark	Unincorporated	100	BLM Lands, 10.35 acres, ROW expected Aug 1, 2018	103-10-000-001	L	NA	NA	Unknown
5	Clark	Unincorporated	100	BLM Lands, 214.36 acres, ROW expected Aug 1, 2019	103-12-000-001	L	NA	NA	Unknown
6									
7									
8									
9									
10									
11									
12	<b>Grand Total</b>								Unknown

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Company Name: Playa Solar 2, LLC **Property Tax: Operating Leases**  
 Division: \_\_\_\_\_ **Schedule 4**

**Instructions:**

- (1) List each operating lease for real or personal property. Designate whether the lease is for real or personal property in Col. C.
- (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) Report the Annual Lease Payment in Col. G; the term of the lease in Col. H; and any residual value at the end of the lease term in Col. I.
- (5) Attach additional sheets as necessary.

A	B	C	E	F	G	H	I
Operating Lease Itemized Description	G/L Account No. (if applicable)	Real or Personal Property?	Lessor's Replacement Cost Per Unit	Estimated Total Replacement Cost	Annual Lease payment	Lease Years Remaining	Residual Value
About 1228 acres of BLM land near Las Vegas-lease		Real Property				25	
FS vehicles (4)- lease		Personal				2	
Construction Trailers (8)-lease		Personal				2	
Gators (25)- lease		Personal				2	
<b>Grand Total</b>				<b>\$ 8,824,800.00</b>			



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Company Name: Playa Solar 2, LLC **Property Tax: Contributions in Aid of Construction**  
 Division: \_\_\_\_\_ **Schedule 5**

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

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**Sales and Use Tax  
First Year of Eligible Abatement  
Schedule 6**

**Instructions:**

- (1) Column A: List each item of personal property or materials and supplies subject to sales and use tax (please include leases. Refer to NRS Chapter 372 for taxable events.
- (2) Column B: For each item in column A, list applicable account number.
- (3) Column C: List the Facility Owner, Contractor or Subcontractor that will be purchasing the personal property or materials and supplies subject to sales and use tax.
- (4) Column D: List the date the personal property or materials and supplies were purchased.
- (5) Column E: List the date that possession of the personal property or materials and supplies will be taken.
- (6) Column F: List the cost of the personal property or materials and supplies.
- (7) Column G: List the county where possession will be taken and the applicable sales tax rate of that county. 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".
- (8) Column H: Multiply Column F by the Sales Tax Rate in Column G.
- (9) Attach additional sheets as necessary.

A	B	C	D	E	F	G	H
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 of Possession	Total Transaction Cost	County and Applicable Sales Tax Rate	Estimated Sales Tax Paid or to be Paid
Solar Panels		FO	Starting 1/1/16	Starting 2/1/16		2.6	
Inverters		FO	same	same		2.6	
SCADA		FO	same	same		2.6	
Security		FO	same	same		2.6	
Transmission line		FO	same	same		2.6	
DC/AC collection		FO	same	same		2.6	
Fence		FO	same	same		2.6	
Racking		FO	same	same		2.6	
Equipment Rental		FO	same	same		2.6	
Substation		FO	same	same		2.6	
Foundations		FO	same	same		2.6	
O&M		FO	same	same		2.6	
<b>Grand Total</b>							<b>\$ 4,212,000.00</b>

## State of Nevada Renewable Energy Tax Abatements Application

AFN: \_\_\_\_\_

Company Name: \_\_\_\_\_

Division: \_\_\_\_\_

**Sales and Use Tax  
Second Year of Eligible Abatement  
Schedule 7**

**Instructions:**

- (1) Column A: List each item of personal property or materials and supplies subject to sales and use tax (please include leases. Refer to NRS Chapter 372 for taxable events.
- (2) Column B: For each item in column A, list applicable account number.
- (3) Column C: List the Facility Owner, Contractor or Subcontractor that will be purchasing the personal property or materials and supplies subject to sales and use tax.
- (4) Column D: List the date the personal property or materials were purchased.
- (5) Column E: List the date that possession of the personal property or materials will be taken.
- (6) Column F: List the cost of the personal property or materials and supplies.
- (7) Column G: List the county where possession will be taken and the applicable sales tax rate of that county. 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".
- (8) Column H: Multiply Column F by the Sales Tax Rate in Column G.
- (9) Attach additional sheets as necessary.

A Personal Property or Materials and Supplies Itemized Description	B G/L Account No. (if applicable)	C Purchased by Facility Owner (FO) Contractor (C) Subcontractor (SC)	D Date Purchased	E Date of Possession	F Total Transaction Cost	G County and Applicable Sales Tax Rate	H Estimated Sales Tax Paid or to be Paid
<b>Grand Total</b>							N/A



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**Attestation and Signature**

I, Brian Kunz, 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 reviewed and personally knowledgeable regarding the contents of this Application; and
- (3) The content of this Application are true, correct, and complete.

Brian Kunz

\_\_\_\_\_  
Name of person authorized for signature:

Vice President

\_\_\_\_\_  
Title:

  
\_\_\_\_\_  
Signature:

August 3rd, 2015

\_\_\_\_\_  
Date:

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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:*

- 1) Contractors and Subcontractors List
- 2) Hourly Wage Information
- 3) Equipment transaction information other than total estimated sales tax
- 4) Certain Facility Permit details
- 5) NACIS Code
- 6) % Market inside Nevada
- 7) Annual Net Production
- 8) Certain details regarding project technology

*Basis for claims of confidentiality:*

This application includes confidential and proprietary trade secret and economic information as defined by Nevada law. Prohibitions on the public disclosure of such information is provided in the Uniform Trade Secrets Act (NRS Chapter 600A), NRS 49.325, NRS 360.247, NRS 360.250, NRS 361.044, NRS 372.750, NRS 703.190, NRS 793.196, NRS 239.010, et. seq., NRS 241.020, and NAC 701A.565; NAC 239.699 and NAC 360.182. The confidential and proprietary trade secret and economic information has been obscured in the redacted version of this application.

# **Attachment 1**

## **Playa Solar 2, LLC**

Nevada Renewable Energy Tax Abatement Application

August 3<sup>rd</sup>, 2015

### **FACILITY INFORMATION**

1) *APN:*

084-36-000-002; 103-01-000-001; 103-02-000-001; 103-10-000-001; 103-11-000-001

### **FACILITY INFORMATION CHECKLIST**

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.*

#### **Technology**

The Playa Solar 2 Project (“Project”) is a 100 MWac solar photovoltaic (PV) facility utilizing First Solar’s proven CdTe thin film solar PV modules and will be built by First Solar using a single-axis horizontal tracking, ground-mounted plant design.

First Solar modules use cadmium telluride (CdTe) as the semiconductor, which has better low and diffuse light absorption characteristics than crystalline silicon panels. The combination of First Solar modules superior performance in real world conditions and low cost allows First Solar PV power plants to utilize a tracker system and avoid the higher system and maintenance costs required by more expensive crystalline silicon PV modules.

PV modules convert sunlight directly into direct current (DC) electricity via the photoelectric effect. Large arrays of PV modules will be arranged throughout the solar field.

The DC output of multiple rows of PV modules is collected through one or more combiner boxes and directed to an inverter. The inverter converts the DC power to AC power, which flows to a medium- voltage transformer where it is stepped up to collection system voltage (34.5 kV). Multiple medium- voltage transformers are connected in parallel in a daisy chain configuration to the Project substation, where the power is delivered to the grid.

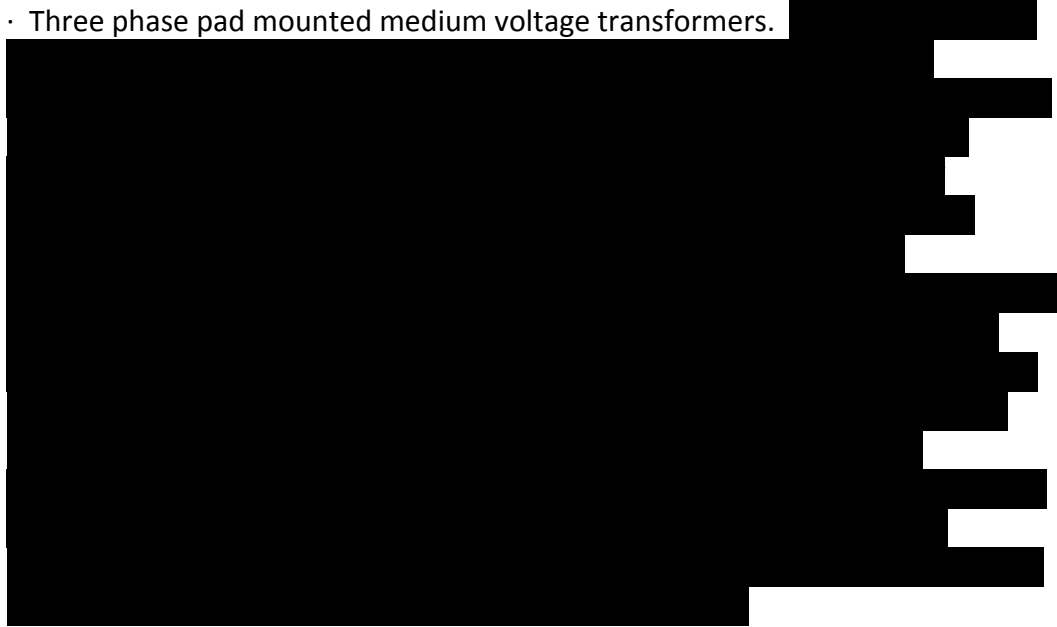
#### **Major Solar Equipment**

The PV facility’s major equipment includes the following:

- First Solar cadmium telluride thin film photovoltaic modules;



- DC to AC inverters;
- Three phase pad mounted medium voltage transformers.



### **Transmission Infrastructure**

The physical point at which the ownership of energy is transferred will be where the Project's 230 kV transmission line terminates on the Project's termination structure and switch that is adjacent to the NV Energy's 230kV Harry Allen Substation, where the Project will interconnect.

- 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.*

Please refer to Exhibit A for a regional map.

### **Legal Description**

Please refer to Exhibit D for the legal description.

- 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.*

The Project is received its Right of Way Grant from the Bureau of Land Management (BLM) . As part of its approval process, BLM prepared an Environmental Assessment, which will fully evaluated potential impacts to any natural or nonrenewable resources.

Any identified impacts are addressed by BLM through the imposition of appropriate mitigation measures. No other areas of concern or controversy are anticipated. You may review a copy of this environmental assessment here:

<https://eplanning.blm.gov/epl-front-office/eplanning/projectSummary.do?methodName=renderDefaultProjectSummary&projectId=42099>

4) *Summary of the PUC and FERC Dockets if any PUC and FERC filing have started.*

[REDACTED]

[REDACTED]

5) *Copy of the Business Plan for the Nevada Facility.*

First Solar is the largest manufacturer of thin film solar modules and has produced over 10 GW worth of modules. By enabling clean, renewable electricity at lower costs, First Solar is providing a sustainable alternative to conventional energy sources.

One of First Solar's outlets for deploying its modules is through the development of utility-scale generation facilities in the United States. First Solar actively pursues sites in Nevada where it can develop and build a solar photovoltaic generating facility using First Solar's modules. The Project is located on one of these sites.

6) *For Expansion Applications, Copy of the most recent assessment schedule and tax bill from the County Assessor's Office or the Department of Taxation*

N/A

7) *Website link to company profile*

[www.firstsolar.com](http://www.firstsolar.com)

8) *Copy of the Current Nevada State Business License*

Please see Exhibit B.

9) *Facility Information Form*

Refer to the Application

10) *Employment Information, construction, and permanent employee salary schedules*

Refer to the Application

11) *Supplement Information Form*

Refer to the Application

12) *Taxation Reporting Forms (Summary Sheets 1 through 8)*

Refer to the Application

13) *Names and contact information for construction company, contractors, subcontractors*

Refer to the Application

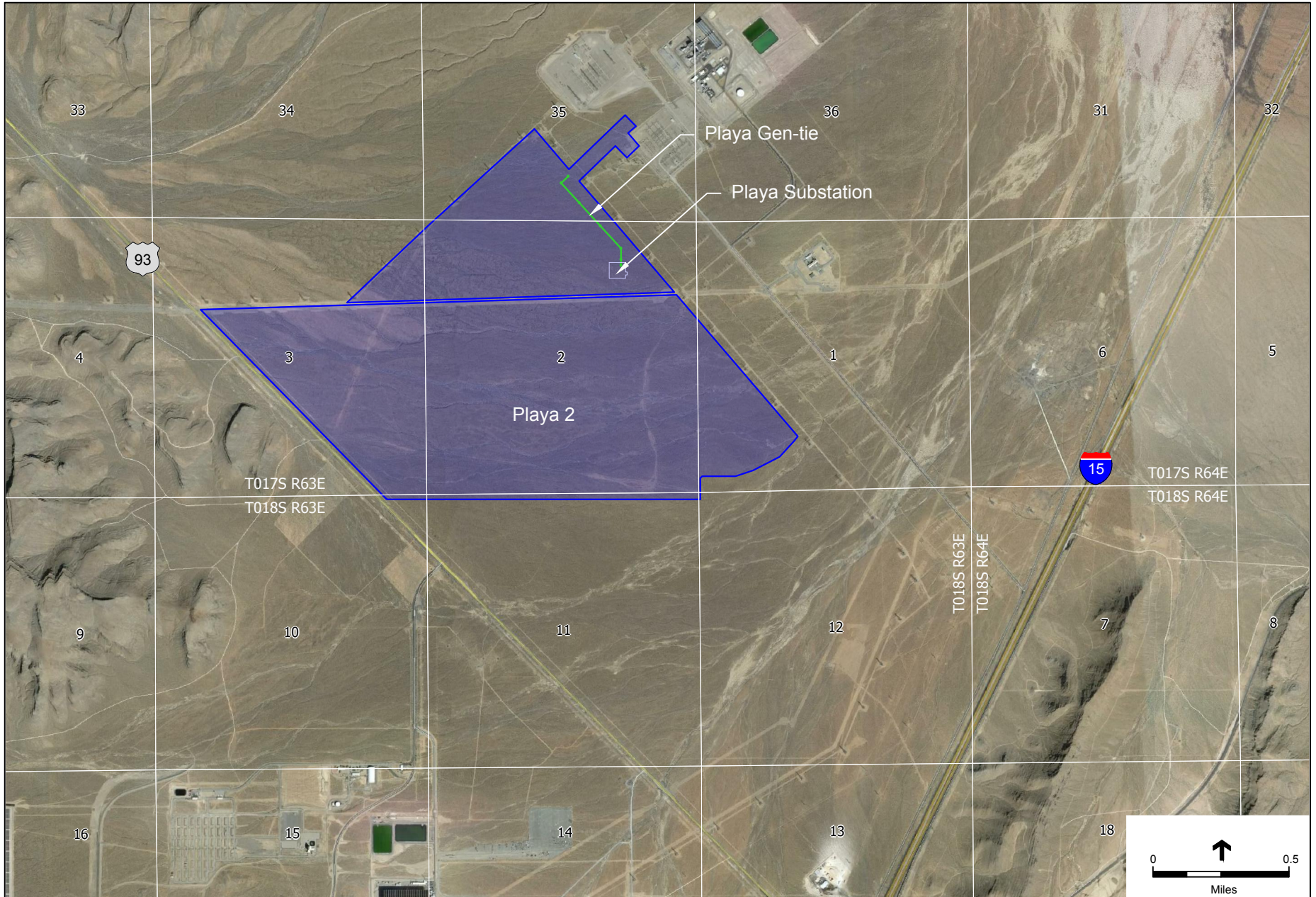
14) *Letter from the utility or company describing highlights of PPA, LOI, or MOU*

Refer to Exhibit C.

15) *Confidential Information Identification Form*

Refer to Application.

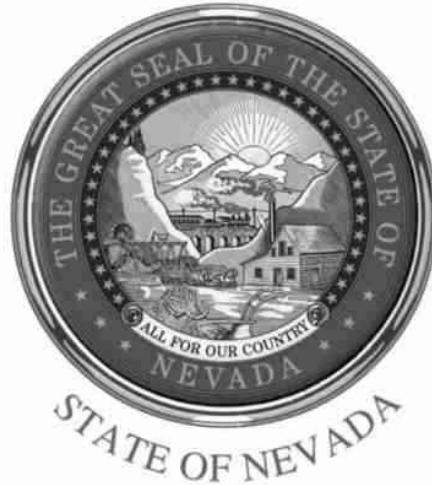
# **Exhibit A**



**Playa 2**  
Project Boundary

# **Exhibit B**

# SECRETARY OF STATE



## NEVADA STATE BUSINESS LICENSE

**PLAYA SOLAR 2, LLC**

**Nevada Business Identification # NV20151367196**

**Expiration Date: June 30, 2016**

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.

Valid until the expiration date listed unless suspended, revoked or cancelled in accordance with the provisions in Nevada Revised Statutes. License is not transferable and is not in lieu of any local business license, permit or registration.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Great Seal of State, at my office on July 9, 2015

*Barbara K. Cegavske*

BARBARA K. CEGAVSKE  
Secretary of State

***You may verify this license at [www.nvsos.gov](http://www.nvsos.gov) under the Nevada Business Search.***

**License must be cancelled on or before its expiration date if business activity ceases.  
Failure to do so will result in late fees or penalties which by law cannot be waived.**

# **Exhibit C**





July 31, 2015

Paul Thomsen, Director  
Nevada State Office of Energy  
755 North Roop Street, Suite 202  
Carson City, NV 89701

Re: Summary of Key PPA Terms between NV Energy and Playa Solar 2, LLC

Dear Director Thomsen,

Playa Solar 2, LLC ("Project"), a wholly owned subsidiary of First Solar, Inc., executed a Power Purchase Agreement ("PPA") with NV Energy on June 19th, 2015 for a 100 MW solar photovoltaic generating facility located near Apex, Nevada. The PPA is under review by the Public Utilities Commission of Nevada, and NV Energy has requested expedited approval by October 5<sup>th</sup>, 2015.

In accordance with requirements under the Project's Nevada Renewable Energy Tax Abatement Application, below is a summary of the key PPA terms and conditions:

Buyer	Nevada Power Company
Seller	Playa Solar 2, LLC
Project Name	Playa Solar 2, LLC
Type of Project	Solar Photovoltaic
PPA Execution Date	June 19, 2015
Anticipated PUCN Approval Date	October 5 <sup>th</sup> , 2015
PPA Price	\$38.70/MWh, annually escalating at 3%
PPA Term	20 Years
PPA Maximum Capacity	100 MWac
Point of Interconnection	NV Energy's 230kV Harry Allen Substation
Commercial Operation Date	December 31, 2016



Page 2  
July 31, 2015  
Paul Thomsen, Director

By signing this letter, I hereby confirm that the above referenced terms are true and correct. Should you have any questions, please do not hesitate to contact Michael Argentine at (916) 622-1547 or at [margentine@firstsolar.com](mailto:margentine@firstsolar.com).

Sincerely,

A handwritten signature in blue ink that reads "Brian Kunz".

Brian Kunz  
Vice President, Project Development  
First Solar, Inc.

BK:mf:rgb

# **Exhibit D**

**PARCEL A**

BEING A PORTION OF SECTION 35 AND 36, TOWNSHIP 17 SOUTH RANGE 63 EAST, AND SECTIONS 1, 2 AND 3 OF TOWNSHIP 18 SOUTH RANGE 63 EAST, M.D.M., CLARK COUNTY, NEVADA, DESCRIBED AS FOLLOWS;

COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 35; THENCE ALONG THE SOUTH LINE OF SAID SECTION 35, SOUTH 89°47'51" EAST, A DISTANCE OF 141.15 FEET TO THE **POINT OF BEGINNING**;

THENCE DEPARTING SAID SOUTH LINE, NORTH 47°44'58" EAST, A DISTANCE OF 2587.98 FEET;

THENCE SOUTH 40°35'10" EAST, A DISTANCE OF 1,028.12 FEET;

THENCE NORTH 46°04'13" EAST, A DISTANCE OF 1,513.46 FEET;

THENCE SOUTH 43°55'47" EAST, A DISTANCE OF 302.35 FEET;

THENCE SOUTH 49°18'32" WEST, A DISTANCE OF 199.86 FEET;

THENCE SOUTH 40°33'39" EAST, A DISTANCE OF 327.31 FEET;

THENCE SOUTH 46°04'13" WEST, A DISTANCE OF 330.82 FEET;

THENCE NORTH 43°55'47" WEST, A DISTANCE OF 317.80 FEET;

THENCE SOUTH 46°04'13" WEST, A DISTANCE OF 981.40 FEET;

THENCE SOUTH 40°35'10" EAST, A DISTANCE OF 978.47 FEET TO THE SOUTH LINE OF SAID SECTION 35;

THENCE DEPARTING SAID SOUTH LINE, SOUTH 40°35'10" EAST, A DISTANCE OF 1,109.33 FEET;

THENCE NORTH 49°47'48" EAST, A DISTANCE OF 1,434.96 FEET;

THENCE SOUTH 41°19'01" EAST, A DISTANCE OF 120.02 FEET;

THENCE SOUTH 49°47'48" WEST, A DISTANCE OF 1,436.49 FEET;

THENCE SOUTH 40°35'10" EAST, A DISTANCE OF 636.10 FEET;

THENCE SOUTH 88°10'27" WEST, A DISTANCE OF 4,764.63 FEET TO THE WEST LINE OF SAID SECTION 2;

THENCE DEPARTING SAID WEST LINE, SOUTH 88°15'03" WEST, A DISTANCE OF 1,591.00 FEET;

THENCE NORTH 46°33'01" EAST, A DISTANCE OF 2,178.89 FEET TO SAID WEST LINE;

THENCE DEPARTING SAID WEST LINE, NORTH 47°04'41" EAST, A DISTANCE OF 191.71 FEET TO THE **POINT OF BEGINNING**.

**PARCEL B**

BEING A PORTION OF SECTIONS 1, 2, 3, 10, 11, 12, 13 AND 14 OF TOWNSHIP 18 SOUTH, RANGE 63 EAST, M.D.M., CLARK COUNTY, NEVADA, DESCRIBED AS FOLLOWS;

COMMENCING AT THE QUARTER CORNER COMMON TO SAID SECTIONS 2 AND 3; THENCE NORTHERLY ALONG THE COMMON SECTION LINE OF SAID SECTION 2 AND 3, NORTH 00°20'00" WEST, A DISTANCE OF 1,069.86 FEET TO THE **POINT OF BEGINNING**

THENCE NORTH 88°10'27" EAST, A DISTANCE OF 4,806.08 FEET;

THENCE SOUTH 40°35'10" EAST, A DISTANCE OF 738.16 FEET TO THE SECTION LINE COMMON TO SAID SECTIONS 1 AND 2;

THENCE DEPARTING SAID SECTION LINE, SOUTH 40°35'10" EAST, A DISTANCE OF 1,021.51 FEET;

THENCE NORTH 49°21'56" EAST, A DISTANCE OF 1,431.51 FEET;  
THENCE SOUTH 40°37'38" EAST, A DISTANCE OF 100.00 FEET;  
THENCE SOUTH 49°21'56" WEST, A DISTANCE OF 1,431.58 FEET;  
THENCE SOUTH 40°35'10" EAST, A DISTANCE OF 1,755.32 FEET;  
THENCE SOUTH 36°45'29" WEST, A DISTANCE OF 107.28 FEET;  
THENCE SOUTH 42°50'20" WEST, A DISTANCE OF 422.31 FEET;  
THENCE SOUTH 62°37'29" WEST, A DISTANCE OF 577.09 FEET;  
THENCE SOUTH 71°44'27" WEST, A DISTANCE OF 362.00 FEET;  
THENCE NORTH 90°00'00" WEST, A DISTANCE OF 644.74 FEET;  
THENCE SOUTH 45°00'00" WEST, A DISTANCE OF 52.43 FEET;  
THENCE SOUTH 0°00'00" EAST, A DISTANCE OF 521.27 FEET;  
THENCE SOUTH 54°38'09" WEST, A DISTANCE OF 352.93 FEET;  
THENCE SOUTH 0°00'00" EAST, A DISTANCE OF 454.39 FEET;  
THENCE SOUTH 51°55'07" WEST, A DISTANCE OF 2,253.64 FEET;  
THENCE NORTH 90°00'00" WEST, A DISTANCE OF 1,677.23 FEET;  
THENCE NORTH 44°30'38" WEST, A DISTANCE OF 8,196.03 FEET;  
THENCE NORTH 88°15'03" EAST, A DISTANCE OF 4,220.57 FEET TO THE POINT OF  
BEGINNING.