



<b>DOCKET</b>	
05-AFC-3	
DATE	FEB 16 2009
RECD.	FEB 25 2009

February 16, 2009

Mr. Robert Worl, Siting Program Manager  
Siting, Transmission & Environmental Protection Division  
California Energy Commission  
1516 Ninth Street  
Sacramento, California 95814

Mr. Alan Solomon, Project Manager  
Siting, Transmission & Environmental Protection Division  
California Energy Commission  
1516 Ninth Street  
Sacramento, California 95814

Subject: Valle del Sol Energy, LLC. – Sun Valley Energy Project  
Docket No. 05-AFC-3  
Proposed Site Access During Construction

Dear Messrs Worl and Solomon:

Previously, California Energy Commission technical staff asked about proposed site access during construction which involved a railroad crossing. We're now in receipt of Riverside County Transportation Commission (RCTC) review of a formal application for the proposed private, temporary railroad crossing. RCTC, based on preliminary review, have determined that the proposed crossing should be approvable by the agency. Burlington Northern Santa Fe provided input for RCTC's review. RCTC indicated that it is unaware of any other jurisdictional approvals that would be required for this private, temporary railroad crossing. RCTC's letter is attached. As background, I'm also forwarding a copy of the application materials submitted to RCTC.

Please contact me with any questions at (949) 798-7895.

Sincerely,

A handwritten signature in black ink that reads "Victor Yamada".

Victor Yamada  
Director, Environmental, Health & Safety

Attachments

Copy: Larry Kostzewa, EME  
Kris Kjellman, EME  
Tom McCabe, EME  
Doug Davy, CH2M Hill



**EDISON**  
MISSION ENERGY®

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October 10, 2008

Ms. Gina Gallagher  
Right of Way Senior Staff Analyst  
Riverside County Transportation Commission  
4080 Lemon Street, 3<sup>rd</sup> Floor  
P.O. Box 12008  
Riverside, CA 92502-2208

Subject: Revised Request for Preliminary Review and Response  
Application for Private, Temporary, Railroad Crossing

Dear Ms. Gallagher:

Forwarded is Valle del Sol Energy, LLC's request for RCTC preliminary review and response based on preliminary plans for a private, temporary railroad crossing. Prior to our Application for Certification for a natural gas fired power plant to the California Energy Commission, we used a number of transportation, environmental and public impact criteria to evaluate alternatives for a construction route to the proposed power plant site. As presented in our 2005 application to CEC, we determined that a construction route via I-215, east on Ethanac Road, southeasterly on Matthews Road and south across a private, temporary crossing of the railroad track, onto the project site would be the most direct, involving the least vehicle miles traveled, minimizing need for road improvements, minimizing number of turns for heavy equipment trucks, and limiting proximity to schools, medical facilities and residential areas.

Attached are the completed General Application Form, Supplemental Application for Grade Crossing / Access, and Supplemental Application for Private Use. In our initial request, we enclosed is a check for \$6000 as a deposit for the License application. Two sets of applications have been provided for your use and necessary forwarding to BNSF.

We appreciate your assistance. Please contact me with any questions at (949) 798-7895.

Sincerely,

Victor Yamada  
Director, Environmental, Health & Safety

Attachments

Copy: Jenifer Morris  
Kris Kjellman  
Larry Kostzewa

Edison Mission Energy  
18101 Von Karman Avenue  
Suite 1700  
Irvine, CA 92612 1046

Application #: \_\_\_\_\_  
Project #: \_\_\_\_\_



### General Application Form

**General**

Contact Person Victor Yamada Company Name Valle Del Sol Energy, LLC  
Phone (949) 798-7895 Title Director, EH&S  
Fax (949) 798-6335 E-mail vyamada@edisonmision.com  
Address 18101 Von Karman Ave., Suite 1700  
City Irvine State CA Zip 92612

Emergency Contact Name \_\_\_\_\_ Emergency Phone Number \_\_\_\_\_  
(available day or night to respond to emergency calls)

Applicant Type:     Public Agency     Utility     Private

**RCTC Property Use**

Project/Use description: Please see attachment.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Reason for Application**

\_\_\_\_ New Permanent Use  
X New Temporary Use  
\_\_\_\_ Relocation/Modification of Existing Agreement or Use;  
    Prior Contract Number: \_\_\_\_\_

**Type of Application**

\_\_\_\_ Pipeline Facility  
\_\_\_\_ Wire Line Facility  
X Grade Crossing/Access  
X Private Use  
\_\_\_\_ Right of Entry

Is the property to be used for a public facility/activity?    ( ) Yes    (X) No  
If Yes, describe: \_\_\_\_\_

Is the project located within a dedicated street? ( ) Yes    (X) No  
If Yes, street name and City: \_\_\_\_\_

#### Overall Project:

In 2005, Valle Del Sol Energy, LLC submitted an Application for Certification for a natural gas fired peaking power plant to the California Energy Commission. During the application preparation process, we used a number of transportation, environmental, and public impact criteria to evaluate alternatives for a construction route to the proposed power plant site and determine the best route to the proposed site. As presented in our application, we described the primary construction route via I-215, east on Ethanac Road, southeasterly on Matthews Road, and south across a private, temporary crossing of the railroad track, onto the project site.

Other alternatives considered would have involved longer distances, increased number of turns for heavy equipment trucks, generated more truck emissions, potentially impacted schools / medical facilities, passed more residential areas, involved long stretches of grading / improvement of public roads, potentially required private land approval for access, potentially involved alternation of drainage patterns, and potentially involved alteration of biological resources. CEC, in its Preliminary Staff Assessment (May 2007), agreed that proposed primary route is reasonable because it is the shortest distance to and from I-215 and it does not go through developing residential areas.

#### Private Property Use:

Private, temporary railroad crossing to provide route for construction personnel, delivery trucks and heavy vehicles. Only for use during construction of electrical generating facility south of railroad track.

Will any dangerous commodities, chemicals, hazardous, flammable or high-pressure substances be involved now, or in the future, in conjunction with this project? (X)Yes ( )No

If Yes, describe: Aqueous Ammonia, 2-3 truck trips during plant commissioning.

Is use within operating railroad right of way? (X)Yes ( )No

If yes, please note the Railroad Protective Liability Insurance requirements under the Insurance Section. Also, BNSF licensing is required. Licensing information can be found at [www.contractororientation.com/main/frame\\_set.asp](http://www.contractororientation.com/main/frame_set.asp).

Date expected activity to Begin: 11/2011 End: 05/2013

Approximate location of facility/activity:

Milepost: \_\_\_\_\_  
Nearest City: Menifee  
Nearest Street Mathews Road Relation to Nearest Street South  
Thomas Brothers Page \_\_\_\_\_ Grid \_\_\_\_\_

Authorizing Agencies/Jurisdictions California Energy Commission application for certification for Gas Fired Power Plant.

Signature: *Victor Yamada*  
Printed Name: Victor Yamada  
Title: Director, EH&S  
Date: 10/10/2008

**Submit To:**

Riverside County Transportation Commission  
P.O. Box 12008  
4080 Lemon Street, 3<sup>rd</sup> Floor  
Riverside, CA 92502-2208  
Attention: Property Agent

**Did you remember to include?**

- Required Supplemental Application
- Two (2) sets of plans sent to RCTC
- 1 set of plans to BNSF (if impacting operating rail) to  
Manager of Public Projects  
Burlington, Northern and Santa Fe  
740 Carnegie Drive  
San Bernardino, CA 92408
- Deposit of \$6,000 for a License (public agencies exempt) or fee of \$1,000 for a ROE
- Certificates of Insurance

<b>RCTC Use Only</b>			
Applicant Type:	<input type="checkbox"/> Developer	<input type="checkbox"/> Industry	<input type="checkbox"/> Public Agency
	<input type="checkbox"/> Utility	<input type="checkbox"/> Private	<input type="checkbox"/> Railroad



Application # \_\_\_\_\_  
Project # \_\_\_\_\_

### Supplemental Application For Grade Crossing/Access

This application should be used to apply for all grade crossings or access requests for vehicular, pedestrian, bicycle, bridge, livestock and other. All information below must be completed and submitted along with the completed General Information form, plans, deposit and insurance certificates.

Purpose of access/grade crossing Provide private temporary route for construction personnel, delivery trucks & heavy vehicles during construction of electrical generating facility south of railroad track.  
Beneficiary of crossing (if other than applicant) None.

Crossing Use:  
 Pedestrian;       Passenger vehicles;       Bicycle;       Livestock;  
 Farm equipment;       Recreational vehicles;       Heavy construction vehicles

Approximate number of crossings per day (each way) avg: 460 corrected 115

Time of day/night required for crossing 7 am - 7 pm

Level of crossing:  Overhead;  Underground;  Surface

Length 120 feet; Width 30 feet; Height \_\_\_\_\_ feet; Depth \_\_\_\_\_ feet;

Current access availability (other than across RCTC property) No current improved road.

Closest public crossing: Distance 1300 feet; Name of street Menifee Road

Are there known pipeline or wire line facilities in the area? Yes  No \_\_\_\_\_;  
If Yes, describe: Underground gas, potable water, recycled water, sanitary sewer lines in right of way between rail line and proposed plant property.

Signature: Victor Yamada  
Printed Name: Victor Yamada  
Title: Director, EH&S  
Date: 10/10/08

**Submit To:**

Riverside County Transportation Commission  
P.O. Box 12008  
4080 Lemon Street, 3<sup>rd</sup> Floor  
Riverside, CA 92502-2208  
Attention: Property Agent

Application # \_\_\_\_\_  
Project # \_\_\_\_\_



### Supplemental Application For Private Use

This application should be used to apply for all private uses, including spur tracks, fences, patios, landscaping, slope work, storage, etc. All information below must be completed and submitted along with the completed General Information form, plans, deposit and insurance certificates.

Purpose of property use Provide private temporary route for construction personnel, delivery trucks and heavy vehicles during construction of electrical generating facility south of railroad track.

Length 120 feet; Width 30 feet;

Material to be used/stored None

Will any dangerous commodities, chemicals, hazardous, flammable or high-pressure substances be involved now, or in the future? (X)Yes ( )No

If Yes, describe: Aqueous Ammonia, 2-3 truck trips during plant commissioning.

Are there known pipeline or wire line facilities in the area? Yes X No \_\_\_\_\_;

If Yes, describe: Underground gas, potable water, recycled water, sanitary sewer lines in right of way between rail line and proposed plant property.

Signature: *Victor Yamada*  
Printed Name: Victor Yamada  
Title: Director, EH&S  
Date: 10/10/2008

**Submit To:**  
Riverside County Transportation Commission  
P.O. Box 12008  
4080 Lemon Street, 3<sup>rd</sup> Floor  
Riverside, CA 92502-2208  
Attention: Property Agent

**Did you remember to include?**

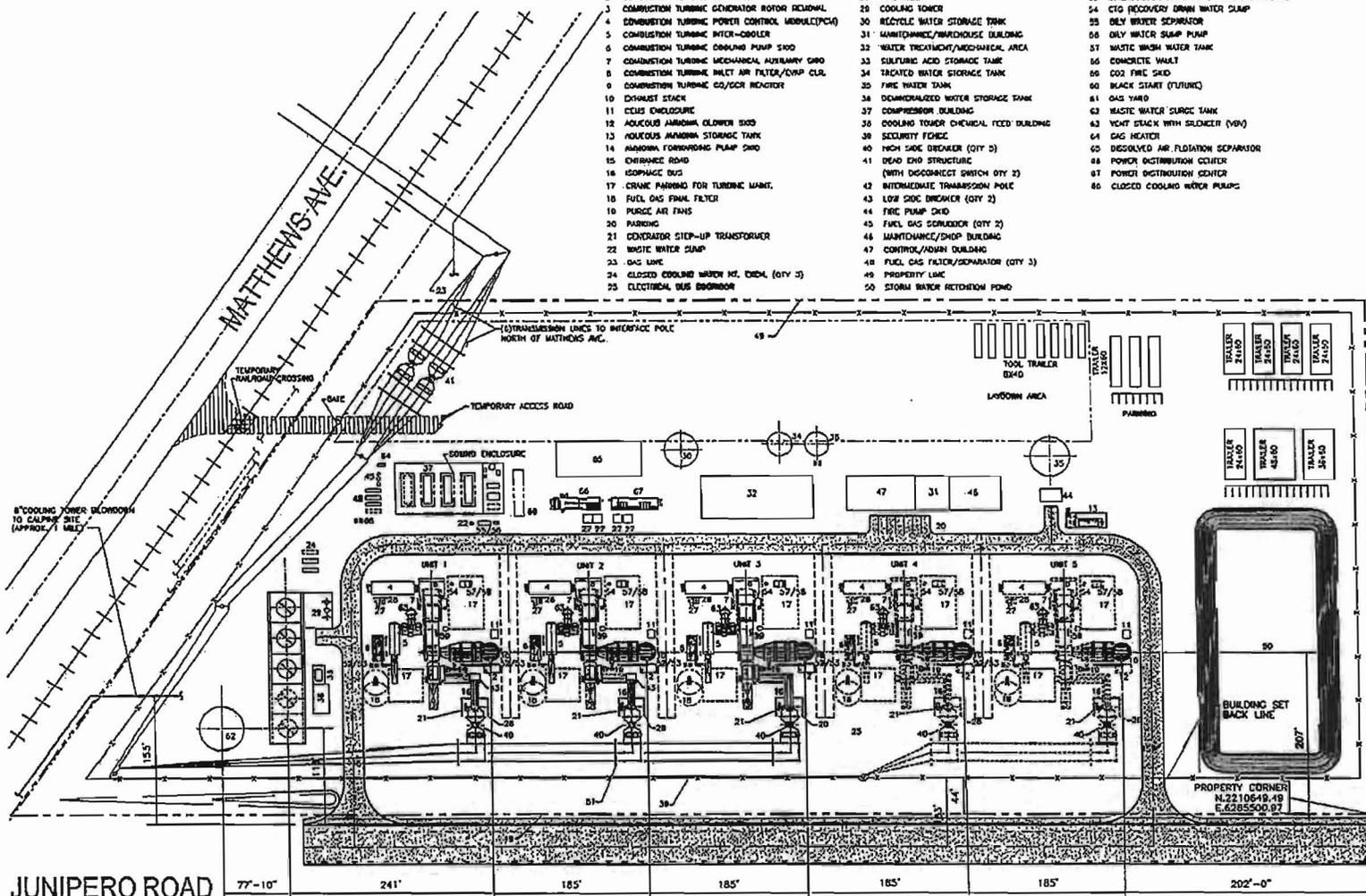
- General Application Form
- Two (2) sets of plans to RCTC
- One (1) set of plans to BNSF (if impacting operating rail) to  
Manager of Public Projects  
Burlington Northern Santa Fe Railway  
740 Carnegie Drive  
San Bernardino, CA 92408
- Deposit of \$6,000 for a License (public agencies exempt)
- Certificates of Insurance





**LEGEND:**

- 1 COMBUSTION TURBINE
- 2 COMBUSTION TURBINE GENERATOR
- 3 COMBUSTION TURBINE GENERATOR ROTOR REMOVAL
- 4 COMBUSTION TURBINE POWER CONTROL MODULE(PCM)
- 5 COMBUSTION TURBINE INTER-COOLER
- 6 COMBUSTION TURBINE COOLING PUMP SKID
- 7 COMBUSTION TURBINE MECHANICAL AUXILIARY SHIP
- 8 COMBUSTION TURBINE INLET AIR FILTER/COMP. CLS.
- 9 COMBUSTION TURBINE CO/COX MONITOR
- 10 EXHAUST STACK
- 11 CECS ENCLOSURE
- 12 AQUEOUS AMMONIA DRAINER BOX
- 13 AQUEOUS AMMONIA STORAGE TANK
- 14 AMMONIA FORWARDING PUMP SHIP
- 15 ENTRANCE ROAD
- 16 ISOPHASE DUG
- 17 CRANE PARKING FOR TURBINE MAINT.
- 18 FUEL GAS FRACTION FILTER
- 19 PURGE AIR FANS
- 20 PARKING
- 21 GENERATOR STEP-UP TRANSFORMER
- 22 WASTE WATER SUMP
- 23 GAS LAKE
- 24 CLOSED COOLING WATER HT. EXCH. (6TY 3)
- 25 ELECTRICAL BUS ENCLOSURE
- 26 NOT USED
- 27 AUXILIARY TRANSFORMER
- 28 FIRE WALL
- 29 COOLING TOWER
- 30 RECYCLE WATER STORAGE TANK
- 31 MAINT/SHED/WAREHOUSE BUILDING
- 32 WATER TREATMENT/MED-CHEM. AREA
- 33 SULFURIC ACID STORAGE TANK
- 34 TREATED WATER STORAGE TANK
- 35 FINE WASH TANK
- 36 DEMINERALIZED WATER STORAGE TANK
- 37 COMPRESSOR BUILDING
- 38 COOLING TOWER CHEMICAL FEED BUILDING
- 39 SECURITY FENCE
- 40 HIGH SIDE BREAKER (6TY 3)
- 41 DEAD END STRUCTURE
- 42 INTERMEDIATE TRANSMISSION POLE
- 43 LOW SIDE BREAKER (6TY 2)
- 44 FUEL PUMP SHIP
- 45 FUEL GAS CONDENSER (6TY 2)
- 46 MAINTENANCE/SHOP BUILDING
- 47 CONTROL/ADMIN BUILDING
- 48 FUEL GAS FILTER/SEPARATOR (6TY 3)
- 49 PROPERTY LINE
- 50 STORM WATER RETENTION POND
- 51 H FRAME WITH DISCONNECT SWITCH
- 52 INTERCOOLER DRAIN SURGE TANK
- 53 INTERCOOLER DRAIN WATER TRANSFER PUMPS
- 54 CTG RECOVERY DRAIN WATER CLAMP
- 55 OILY WATER SEPARATOR
- 56 OILY WATER SUMP PUMP
- 57 WASTE WASH WATER TANK
- 58 CONCRETE WALK
- 59 CO2 FINE SINK
- 60 BLACK START (FUTURE)
- 61 GAS SHED
- 62 WASTE WATER SURGE TANK
- 63 VENT STACK WITH SILENCER (MVP)
- 64 GAS HEATER
- 65 DISSOLVED AIR FLUIDATION SEPARATOR
- 66 POWER DISTRIBUTION CENTER
- 67 POWER DISTRIBUTION CENTER
- 68 CLOSED COOLING WATER PUMPS



PRELIMINARY ISSUE



A	17-SEP-2006	ABOARD TEMP ACCESS / RAILROAD CROSSING	ETC	DESIGNED BY J. CRAWFORD

**CH2MHILL**  
**Lockwood Greene**  
 Atlanta, Georgia

SUN VALLEY TEMP RR CROSSING  
 500MW-5 LMS100'S  
 SIMPLE CYCLE

**EDISON**  
 MISSION ENERGY

DATE	ETC	REV	A
PROJECT	2006.DWG		
SCALE	1"=60'-0"		

UNB-3, 4, 5, 6, 7, 8, 9, 10