

## Corridor EIS Archives

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**From:** corridoreiswebmaster@anl.gov  
**Sent:** Monday, July 10, 2006 8:33 PM  
**To:** Corridor EIS Archives  
**Subject:** Preliminary Draft Corridor Map Comment M0133

**Attachments:** Letter\_from\_DWP\_to\_DOE\_M0133.doc



Letter\_from\_DWP\_t  
o\_DOE\_M0133.d...

Thank you for your comment, Enrique Martinez.

The comment tracking number that has been assigned to your comment is M0133. Once the comment response document has been published, please refer to the comment tracking number to locate the response.

Comment Date: July 10, 2006 08:32:44PM CDT

Preliminary Draft Corridor Map Comment: M0133

First Name: Enrique  
Last Name: Martinez  
Organization: Los Angeles Department of Water and Power  
Address: 111 North Hope Street  
City: Los Angeles  
State: CA  
Zip: 90012  
Country: USA  
Email: John.Burnett@LADWP.com  
Privacy Preference: Don't withhold name or address from public record  
Attachment: C:\Documents and Settings\jburne\My Documents\corridor\DWP 368 comments to DOE  
july 10 2006\Letter from DWP to DOE.doc

Comment Submitted:

This is the first of three attachments from LADWP.

The complete set of attachments consist of Attachment 1 Letter from DWP to DOE.doc , Attachment 2 LADWP SoCal\_Corridor Map.doc , Attachment 3 Previous letters.pdf .

If you have any questions, please contact Mr. Randy S. Howard of my staff at (213) 367-0381.

Questions about submitting comments over the Web? Contact us at:  
corridoreiswebmaster@anl.gov or call the Preliminary Draft Corridor Map Webmaster at  
(630)252-6182.

July 7, 2006

Office of Electricity Delivery and Energy Reliability  
Room 8H-033  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, DC 20585

To Whom It May Concern,

Subject: Potential Energy Corridors on Federal Lands

The Los Angeles Department of Water and Power (LADWP) is providing comments for the preliminary energy corridor map for the draft West-wide Energy Corridor Programmatic Environmental Impact Statement (PEIS). As established in the enclosed comment letters dated March 9, 2006, February 16, 2006, November 28, 2005, LADWP has important corridors in two Southern Californian areas for consideration in the PEIS: the Inyo-Rinaldi Line and the Los Angeles Green Path line alternatives. LADWP is providing additional information and a map for these potential energy corridors for consideration in the PEIS.

#### Inyo-Rinaldi Line

To provide access to wind energy resources in the Tehachapi Wind Resources Area and other potential clean energy resources in the Owens Valley, LADWP is evaluating options to increase the electrical transmission capacity in the BLM- and USFS-managed lands. LADWP believes it is appropriate and necessary to formally designate a utility corridor over public lands where these existing electrical transmission facilities are located. The established corridor should be capable of containing future compatible rights-of-way.

The preliminary map for potential energy corridors in California does not currently depict the Inyo-Rinaldi line and the existing electrical transmission facilities. LADWP is submitting a map for the Inyo-Rinaldi line as it travels parallel to the existing lines south through Kern County and into Los Angeles County.

#### Los Angeles Green Path

The proposed Los Angeles Green Path line, which would augment LADWP's clean energy sources such as geothermal and solar, is in the preliminary planning stages. While routing alternatives per the requirements of the National Environmental Policy Act

Office of Electricity Delivery and Energy Reliability  
July 7, 2006

and the California Environmental Quality Act are currently being identified and analyzed, LADWP is proposing two alternative transmission line routes for consideration on the corridor map. Additional Los Angeles Green Path line routes had previously been discussed in comment letters, however LADWP is submitting only the two alternatives suggested on the enclosed map and described here briefly:

Alternative 1 would originate at a new substation northeast of the city of Palm Springs; travel north to cross BLM land to Yucca Valley. From Yucca Valley, the line would travel westward, primarily through BLM lands to a new LADWP substation in the city of Hesperia.

Alternative 2 would originate at a new substation northeast of the city of Palm Springs; travel north to cross BLM land to Yucca Valley. From Yucca Valley, the line would travel westward, primarily through BLM lands to an existing LADWP substation in the City of Victorville.

If you have any questions or would like additional clarification concerning the location of the LADWP proposed alignments, please contact Mr. Randy S. Howard of my staff at (213) 367-0381.

Sincerely,

          /s/            
Enrique Martinez  
Chief Operating Officer – Power System

## Corridor EIS Archives

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**From:** corridoreiswebmaster@anl.gov  
**Sent:** Monday, July 10, 2006 8:43 PM  
**To:** Corridor EIS Archives  
**Subject:** Preliminary Draft Corridor Map Comment M0135

**Attachments:** Attachment\_2\_\_LADWP\_SoCal\_Corridor\_Map\_M0135.doc



Attachment\_2\_\_LA  
DWP\_SoCal\_Corr...

Thank you for your comment, Enrique Martinez.

The comment tracking number that has been assigned to your comment is M0135. Once the comment response document has been published, please refer to the comment tracking number to locate the response.

Comment Date: July 10, 2006 08:43:00PM CDT

Preliminary Draft Corridor Map Comment: M0135

First Name: Enrique  
Last Name: Martinez  
Organization: Los Angeles Department of Water and Power  
Address: 111 North Hope Street  
City: Los Angeles  
State: CA  
Zip: 90012  
Country: USA  
Email: John.Burnett@LADWP.com  
Privacy Preference: Don't withhold name or address from public record  
Attachment: C:\Documents and Settings\jburne\My Documents\corridor\DWP 368 comments to DOE  
july 10 2006\Attachment 2 LADWP SoCal\_Corridor Map.doc

Comment Submitted:  
This is the second of three attachments from LADWP.

The complete set of attachments consist of Attachment 1 Letter from DWP to DOE.doc ,  
Attachment 2 LADWPSoCal\_Corridor Map.doc , Attachment 3 Previous letters.pdf .

If you have any questions, please contact Mr. Randy S. Howard of my staff at (213)  
367-0381.

Questions about submitting comments over the Web? Contact us at:  
corridoreiswebmaster@anl.gov or call the Preliminary Draft Corridor Map Webmaster at  
(630)252-6182.

**West-wide Energy Corridor Programmatic EIR**  
LADWP Potential Energy Corridors  
July 2006



LADWP energy corridors for inclusion in preliminary draft map of Potential Energy Corridors on Federal Lands: Inyo-Rinaldi line and the LA Green Path Alternatives 1 & 2.

## Corridor EIS Archives

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**From:** coridoreiswebmaster@anl.gov  
**Sent:** Monday, July 10, 2006 8:50 PM  
**To:** Corridor EIS Archives  
**Subject:** Preliminary Draft Corridor Map Comment M0136

**Attachments:** Attachment\_3\_\_Previous\_letters\_M0136.pdf



Attachment\_3\_\_Pre  
vious\_letters...

Thank you for your comment, Enrique Martinez.

The comment tracking number that has been assigned to your comment is M0136. Once the comment response document has been published, please refer to the comment tracking number to locate the response.

Comment Date: July 10, 2006 08:49:26PM CDT

Preliminary Draft Corridor Map Comment: M0136

First Name: Enrique  
Last Name: Martinez  
Organization: Los Angeles Department of Water and Power  
Address: 111 North Hope Street  
City: Los Angeles  
State: CA  
Zip: 90012  
Country: USA  
Email: John.Burnett@LADWP.com  
Privacy Preference: Don't withhold name or address from public record  
Attachment: C:\Documents and Settings\jburne\My Documents\corridor\DWP 368 comments to DOE  
july 10 2006\Attachment 3 Previous letters.pdf

Comment Submitted:  
This is the third of three attachments from LADWP.

The complete set of attachments consist of Attachment 1 Letter from DWP to DOE.doc ,  
Attachment 2 LADWPSoCal\_Corridor Map.doc , Attachment 3 Previous letters.pdf .

If you have any questions, please contact Mr. Randy S.Howard of my staff at (213)  
367-0381.

Questions about submitting comments over the Web? Contact us at:  
coridoreiswebmaster@anl.gov or call the Preliminary Draft Corridor Map Webmaster at  
(630)252-6182.



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RONALD F. DEATON, *General Manager*

March 9, 2006

Mr. Jim Bartridge  
California Energy Commission  
1516 Ninth Street, MS-46  
Sacramento, California 95814

Dear Mr. Bartridge:

Subject: Additional Information for  
Programmatic Environmental Impact Statement Comments for  
Designation of Energy Corridors on Federal Land in the 11 Western States

The Los Angeles Department of Water and Power (LADWP) submitted a comment letter to the California Energy Commission (CEC) on February 16, 2006 regarding the Programmatic Environmental Impact Report (PEIS) for designation of energy corridors on federal land in the western states (enclosed). As stated in the February 16, 2006 letter, LADWP is providing additional specifics and revised maps on alternative corridors for your consideration

#### Increased Utilization Alternative: Inyo-Rinaldi Transmission Line

LADWP owns and operates a 230-kV electrical transmission line that runs from the City of Bishop in Inyo County, California, to LADWP's Rinaldi Receiving Station located in the San Fernando Valley of the City of Los Angeles in Los Angeles County, California. Adjacent to this 230-kV line is a 500-kV electrical transmission line that parallels the 230-kV line from the Bishop area into the San Fernando Valley. As these two high-voltage transmission lines traverse the Angeles National Forest in Los Angeles County, they are joined by two 115-kV transmission lines and three more 230-kV transmission lines originating from three separate hydroelectric power plants which also terminate in the San Fernando Valley. These lines traverse through U.S. Bureau of Land Management (BLM) and U.S. Forest Service (USFS), Angeles National Forest, land.

To provide access to wind energy resources in the Tehachapi Wind Resources Area and other potential clean energy resources in the Owens Valley, LADWP is evaluating options to increase the electrical transmission capacity in the BLM- and USFS-managed lands. LADWP believes it is appropriate and necessary to formally designate a utility corridor over public lands where these existing electrical transmission facilities are located. The established corridor should be capable of containing future compatible rights-of-way.

## **Water and Power Conservation ... a way of life**

111 North Hope Street, Los Angeles, California 90012-2607 Mailing address: Box 51111, Los Angeles 90051-5700  
Telephone: (213) 367-4211 Cable address: DEWAPOLA

Mr. Jim Bartridge  
Page 2  
March 9, 2006

Please see the enclosed Inyo–Rinaldi Transmission Line map for the location of this potential corridor identified for your consideration.

New Corridor Alternative: Los Angeles Green Path Project (formerly referred to as the Los Angeles–Imperial Valley Transmission Line)

LADWP is currently evaluating options to partner with other entities to develop the Los Angeles Green Path Project which will be comprised of a new 500-kV electrical transmission line that would connect developing clean energy sources, including geothermal and solar, in the Imperial Valley to the LADWP power grid. The proposed project is in the preliminary planning stages, and routing alternatives per the requirements of the National Environmental Policy Act and the California Environmental Quality Act are currently being identified and analyzed.

The proposed line would originate at a new substation located northeast of the City of Indio in San Bernardino County. From this point, three transmission line routing alternatives on public lands are under investigation to allow for connection to LADWP's power grid. As stated in LADWP's November 28, 2005 letter to the Department of Energy, a fourth alternative, not on public lands, is also under consideration by LADWP.

Alternative 1 would follow the alignment of the existing Southern California Edison (SCE) lines west through the San Gregornio Pass. Then, this alignment would turn north toward the Front Country of the San Bernardino National Forest. Once reaching the forest, the line would turn west and traverse through the Front Country to connect to the proposed Upland/Rancho Cucamonga substation. Parts of this alignment in the eastern portion would traverse BLM lands and the western portion would traverse USFS, San Bernardino National Forest lands.

Alternative 2 would travel west, north of the existing SCE alignment and south of Joshua Tree National Park to the Desert Hot Springs area where it would turn north to cross BLM land to Yucca Valley. From Yucca Valley, the line would travel westward, primarily through BLM lands to an existing LADWP substation in the City of Victorville. The majority of this alignment would traverse BLM lands.

Alternative 3 would travel west, north of the existing SCE alignment and south of Joshua Tree National Park to the Desert Hot Springs area where it would turn north to cross BLM land to Yucca Valley. From Yucca Valley, the line would travel northwestward, primarily through BLM lands to an existing LADWP substation in the City of Victorville. The majority of this alignment would traverse BLM lands.



Mr. Jim Bartridge  
Page 3  
March 9, 2006

For each of the alternatives, an existing LADWP line, the Victorville-Century Line, would be upgraded between Victorville and the proposed new Upland/Rancho Cucamonga substation. The existing Victorville-Century Line traverses through an existing Utility Corridor in Cajon Pass in the San Bernardino National Forest. Please see the enclosed Los Angeles Green Path Project map for the location of each of these potential corridor alternatives identified for your consideration for new corridors on federal land.

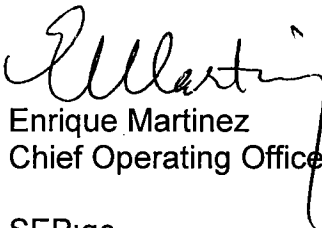
Correction: Imperial County–San Diego County Corridor

LADWP would also like to clarify that an alignment running from Imperial County to the eastern edge of San Diego County shown on the CEC-prepared map of LADWP proposed corridors in California has not been proposed by LADWP. LADWP is not suggesting consideration of such a corridor at this time.

The LADWP comment letter to DOE on the Notice of Intent also included comments regarding the requested consideration of corridor encroachment issues and impacts on sensitive species and cultural resources. LADWP would like to see these issues considered in the PEIS as described in the comment letter.

If you have any questions or would like any additional clarification concerning the location of the LADWP proposed alignments, please contact Mr. Randy S. Howard of my staff at (213) 367-0381.

Sincerely,

  
Enrique Martinez  
Chief Operating Officer - Power System

SEP:gc  
Enclosures  
By e-mail: jbartrid@energy.state.ca.us  
By Federal Express  
c: Mr. Randy S. Howard

Department of Water and Power



the City of Los Angeles

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BARBARA E. MOSCHOS, Secretary

RONALD F. DEATON, *General Manager*

February 16, 2006

Mr. Jim Bartridge  
California Energy Commission  
1516 Ninth Street, MS-46  
Sacramento, California 95814

Dear Mr. Bartridge:

Subject: Programmatic Environmental Impact Statement Comments for  
Designation of Energy Corridors on Federal Land in the 11 Western States

In response to the United States Department of Energy (DOE) Notice of Intent to Prepare a Programmatic Environmental Impact Statement for the designation of utility corridors on federal lands, the Los Angeles Department of Water and Power (LADWP) submitted a comment letter to DOE on November 28, 2005 (enclosed). After attending a California Energy Commission workshop on February 8, 2006, LADWP would like to provide additional information to clarify the various routes for corridor consideration that LADWP presented in the letter.

LADWP is currently examining two transmission line projects that could affect federal lands: the Inyo-Rinaldi Transmission Line Upgrade and the Los Angeles Green Path Project (formerly referred to as the Los Angeles-Imperial Valley Transmission Line). LADWP is currently reviewing alternatives and will be providing additional specifics and revised maps on alternative routes early next week for your consideration.

If you have any questions or would like any additional clarification concerning the location of the LADWP proposed alignments, please contact Mr. Mark J. Sedlacek of my staff at (213) 367-0403.

Sincerely,

Lillian Y. Kawasaki  
Assistant General Manager -  
Environmental Affairs and  
Economic Development

SEP:gc  
Enclosure  
By e-mail: jbartrid@energy.state.ca.us  
By Federal Express  
c: Mr. Mark J. Sedlacek

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111 North Hope Street, Los Angeles, California 90012-2607 Mailing address: Box 51111, Los Angeles 90051-5700  
Telephone: (213) 367-4211 Cable address: DEWAPOLA

# Department of Water and Power



# the City of Los Angeles

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NICK PATSAOURAS  
EDITH RAMIREZ  
FORESCEE HOGAN-ROWLES  
BARBARA E. MOSCHOS, Secretary

RONALD F. DEATON, *General Manager*

November 28, 2005

Ms. Julia Souder  
U.S. Department of Energy  
Office of Electricity Delivery and  
Energy Reliability  
1000 Independence Avenue, S.W.  
Washington, DC 20585

Dear Ms. Souder:

**Subject:** Comment on the September 28, 2005 Notice of Intent to Prepare a  
Programmatic Environmental Impact Statement (PEIS) for  
Designation of Energy Corridors on Federal Land in the 11 Western States

As the nation's largest municipal utility, the Los Angeles Department of Water and Power (LADWP) provides water and electricity to 3.9 million residents and businesses in a 465-square-mile area of Los Angeles. To serve these needs, LADWP owns and/or operates over 36,000 miles of electrical transmission lines throughout the Western United States.

In accordance with state requirements that public utilities develop a renewable energy portfolio standard, the Los Angeles City Council approved a resolution on June 29, 2004, supporting the concept of increasing the amount of energy LADWP generates from renewable power sources. These goals are generally consistent with state mandates for investor-owned utilities operating within California. This commitment to renewable sources is a means to provide sustainable energy resources that will reduce air pollutant emissions and dependence on fossil fuels for power generation.

Based on the approved October 2004 Load Forecast, annual growth in electricity peak demand in Los Angeles is expected to average approximately 1.3 percent, or an average of approximately 80 MW per year, over the next 16 years (from 2006 until 2021). It is estimated that between the years 2004 and 2010, electricity peak demand in the city will grow by approximately 560 MW, or approximately 10.3 percent (from 5,418 MW to 5977 MW).

The increased utilization of existing and the development of new electrical transmission corridors are critical to LADWP's commitment to expanding its renewable energy

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Telephone: (213) 367-4211 Cable address: DEWAPOLA

Ms. Julia Souder  
Page 2  
November 28, 2005

portfolio and supplying power to meet the increasing energy needs of Los Angeles. As such, LADWP supports the efforts described in the September 28, 2005 Notice of Intent to Prepare a PEIS for the designation of corridors for electricity transmission and distribution facilities on Federal land in the Western States, and would like to offer the following comments to be considered in the development of the Draft PEIS.

### **Alternatives to be Considered in the PEIS**

LADWP recommends inclusion of the following projects during the development of alternatives in the PEIS:

#### **Increased Utilization Alternative: Inyo – Rinaldi Transmission Line**

To increase access to renewable energy wind resources in the Tehachapi Wind Resources Area, LADWP is proposing to upgrade or expand transmission capacity in an existing utility corridor within the Angeles National Forest and within Bureau of Land Management land in the Owens Valley. This project is in the initial stages of development, and the identification of project alternatives per the requirements of the National Environmental Policy Act and the California Environmental Quality Act is currently underway.

#### **New Corridor Alternative: Los Angeles – Imperial Valley Transmission Line (Green Path Project)**

As part of the Green Path Project proposed in conjunction with the Imperial Valley Irrigation District and Citizens Energy, LADWP is proposing the Los Angeles – Imperial Valley Transmission Line Project. (Please see the enclosed News Release regarding the proposed Green Path Project.) The proposed line would connect developing renewable energy sources, including geothermal, in the Imperial Valley to the LADWP system at either the existing Victorville substation or at a proposed new Upland substation.

The project is in the preliminary planning stages, and routing alternatives per the requirements of the National Environmental Policy Act and the California Environmental Quality Act are currently being identified and analyzed. The proposed alternatives would require new corridors through U. S. Forest Service or Bureau of Land Management lands. Please see the enclosed Los Angeles – Imperial Valley Transmission Line Project map for the location of this potential corridor identified for your consideration for a new corridor.

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Page 3  
November 28, 2005

### **Corridor Encroachment**

In the western United States, regional utility corridors have been established to discourage right-of-way proliferation as well as secure long linear routes between resources and load areas. However, with increasing land use demands, encroachment into these corridors is occurring (i.e., Fort Irwin Expansion – San Bernardino County, California). If corridors are not protected, incompatible encroachment can create short distance pinch points, which can render long distance, regional corridors useless. Additionally, by reducing the width of corridors, utilities would be required to be sited adjacent to each other which during fires or other natural disasters could result in outages or disruptions of multiple utility services. As part of the PEIS, the adverse impacts of encroachments on existing and new corridors should be evaluated along with the development of guidelines to prevent the future reduction of utility corridor resources.

### **Impacts on Sensitive Species and Cultural Resources**

As part of the identification of environmental issues, LADWP recommends that standard protocols be developed and incorporated into the PEIS to address impacts to sensitive species and cultural resources. The development of the protocols would provide consistent guidelines for use by local resource agencies when the potential exists for electricity transmission facilities to impact sensitive species or their habitat. As a result, project applicants would be able to prepare comprehensive studies for the agencies which would facilitate the timely completion of transmission projects.

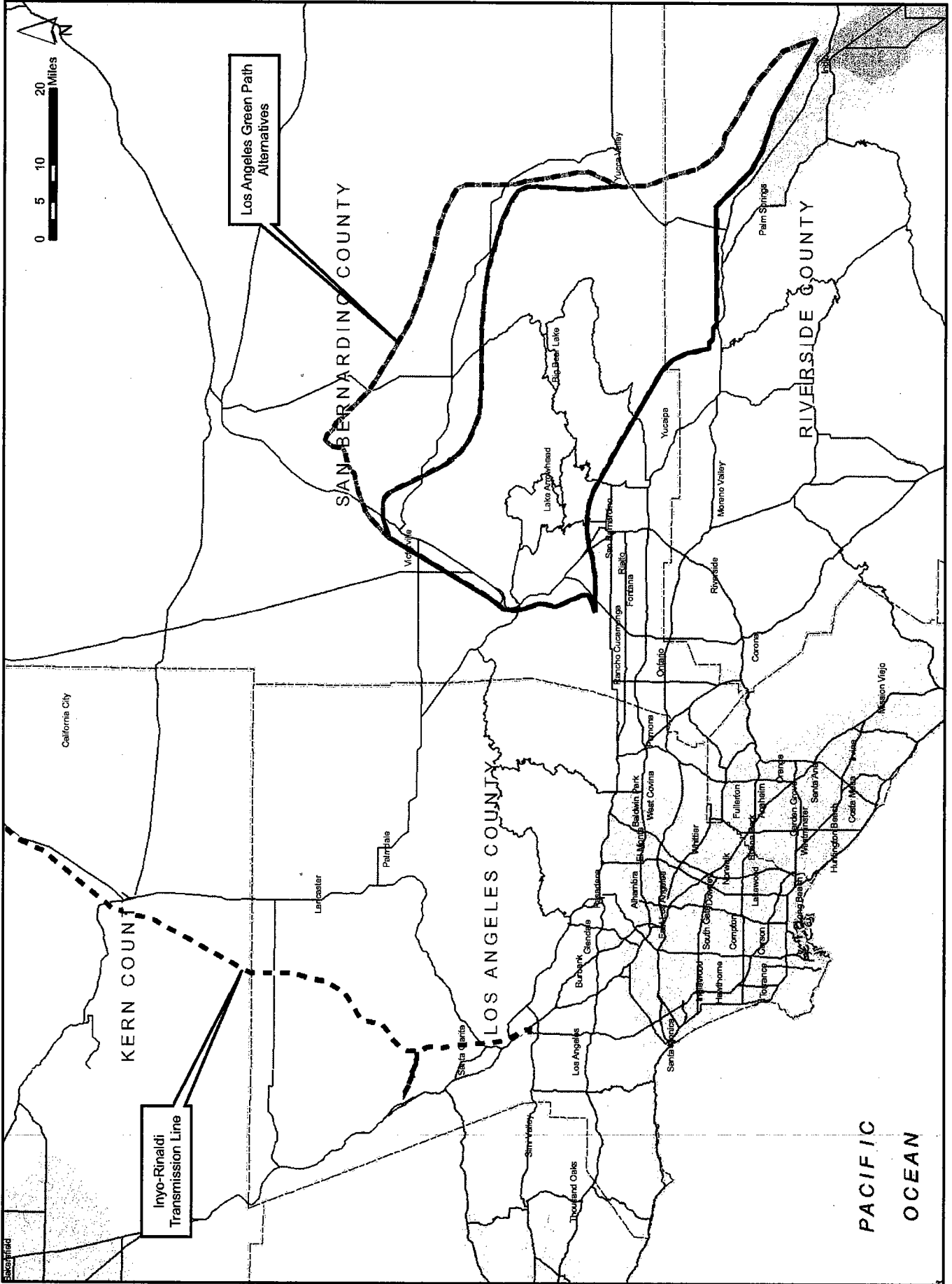
Thank you for your consideration of these comments. If you have any questions or would like further information, please contact Ms. Tanya Derivi, LADWP Legislative Representative, at (202) 347-0915 or Ms. Lillian Y. Kawasaki, Assistant General Manager of Environmental Affairs and Economic Development, at (213) 367-1981.

Sincerely,

*Original Signed by  
Randy S. Howard for*

Enrique Martinez  
Chief Operating Officer – Power System

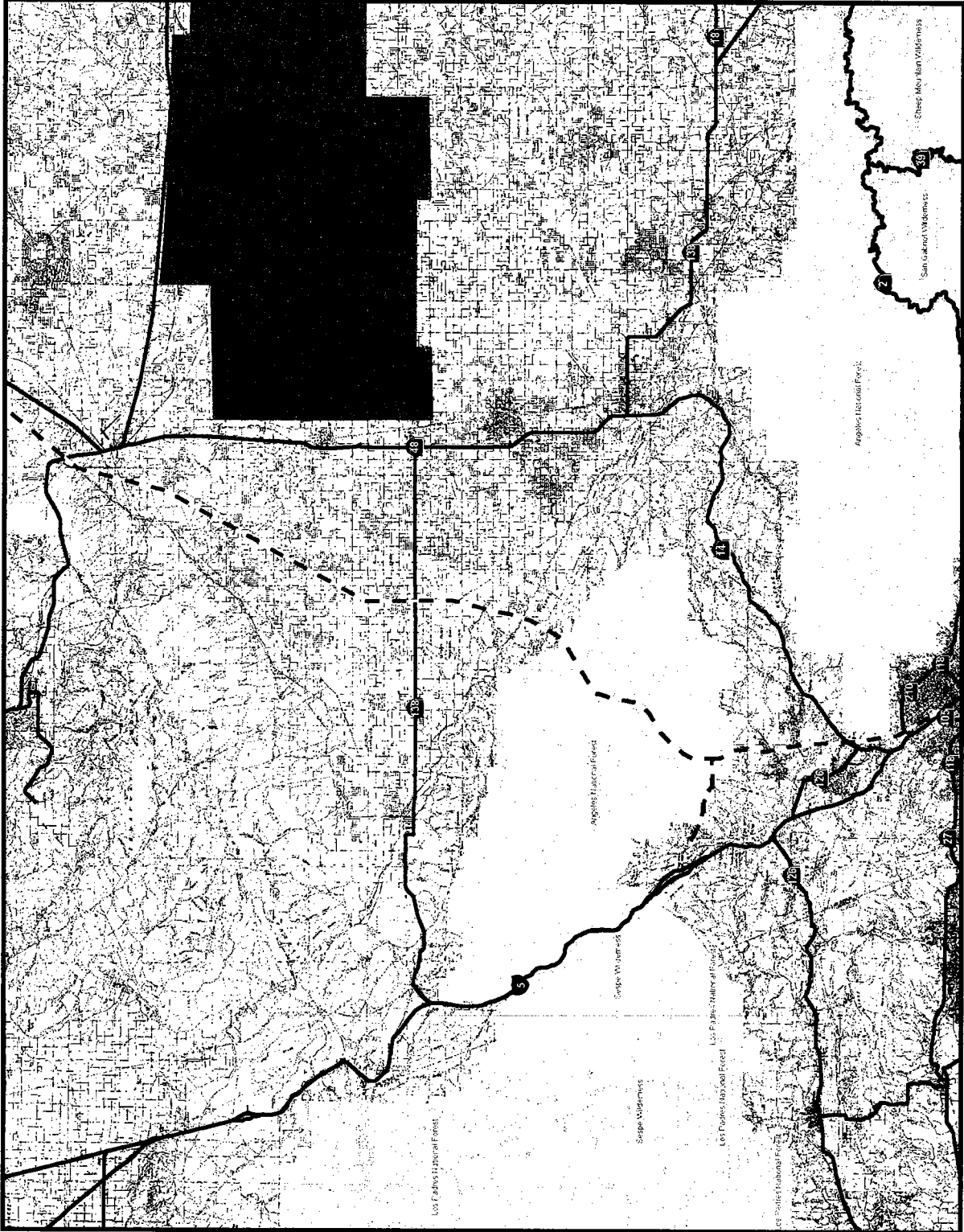
SEP:gc  
Enclosures  
By fax (202-586-1472) and Federal Express  
c: Ms. Tanya Derivi  
Ms. Lillian Y. Kawasaki



# Inyo-Rinaldi Transmission Line

Los Angeles Department of Water and Power

- - Inyo-Rinaldi Line
- Freeways
- Major Roads
- Bureau of Land Management
- Department of Defense
- U.S. Forest Service
- U.S. Fish and Wildlife Service



# Los Angeles Green Path

## Los Angeles - Imperial Valley Transmission Line Project

Los Angeles Department of Water and Power

Alternative 1

Alternative 2

Alternative 3

Victorville-Century Upgrade

Native American Lands

Department of Defense

Bureau of Reclamation

National Park Service

US Forest Service

US Fish and Wildlife

Bureau of Land Management

California State Parks

California Department of Fish and Game

