

**APPENDIX D**  
**PUBLIC INVOLVEMENT PLAN**

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# Devers-Mirage 115 Kilovolt Subtransmission System Split Project Public Involvement Plan

SCE encourages communication and outreach to local communities, local businesses, elected and appointed officials, and other interested parties. SCE's goal is to ensure that it understands and addresses, where possible, issues of interest or potential concern regarding its proposed projects.

The target audiences for the activities are the property owners along the proposed routes, local communities, local businesses, elected and appointed government officials, and other interested parties. Following is a summary of the activities conducted as part of the Devers-Mirage 115 Kilovolt (kV) Subtransmission System Split Project (Proposed Project) Public Involvement Plan.

## **Project Fact Sheet November 2007**

SCE developed a *Project Fact Sheet* (attached) and mailed it to all property owners within 300 feet of the proposed project route. Additionally, the *Project Fact Sheet* was sent to elected and appointed government officials, and other interested parties in the area. The fact sheet provided basic information about the Proposed Project purpose, description, and schedule. It also provided the name and contact information for the local SCE Regional Managers to answer questions.

## **Open House**

SCE hosted one open house for the Proposed Project in the City of Thousand Palms, at the Della S. Lindley Elementary School, Multipurpose Room. The open house was held on November 15, 2007. The open house is designed to provide area residents, businesses, local officials, and others interested in this project with direct access to the Devers-Mirage 115 kV Subtransmission System Split Project team including SCE's project manager, technical experts, and others involved in project planning. Invitations to the open house (attached) were mailed to all property owners within 300 feet of the proposed project route, elected and appointed government officials, and other interested parties in the project area. Additionally, SCE placed advertisements (attached) in local newspapers (The Desert Sun, Riverside Press Enterprise and the Victorville Daily Press) to inform residents and others about the open house.

Copies of the "story boards" used during the open house are also attached. Each attendee at the open houses was given a copy of the story board handouts to take with them.

## **Stakeholder Briefings**

SCE personnel met with elected and appointed officials from the County of Riverside and the cities of Palm Springs, Rancho Mirage, Cathedral City, Palm Desert, Coachella Valley Water District, and the Coachella Valley Association of Governments to provide information and updates on the Proposed Project.

SCE met with the Bureau of Land Management (BLM) and provided copies of the Project Description and technical reports for the Proposed Project for evaluation of the proposed Farrell-Garnet 115 kV subtransmission line. Discussions with the BLM are ongoing regarding this proposed 115 kV subtransmission line. Additionally, SCE is in discussions with the U.S. Army Corp of Engineers to review the proposed Coachella Valley Water District Whitewater River Basin Flood Control Project that is proposed to be constructed in 2010 in the vicinity of SCE's Mirage Substation.



# Fact Sheet

## Devers-Mirage 115 Kilovolt System Split Project

October 2007

Important community information concerning a proposed Southern California Edison Company project in your area.

### PROJECT OVERVIEW

Southern California Edison Company (SCE) proposes to build the Devers-Mirage 115 Kilovolt System Split Project (Proposed Project) to maintain electric system reliability, enhance operational flexibility, and serve projected electrical demand in the cities of Palm Springs, Rancho Mirage, Cathedral City, Palm Desert, Indian Wells and unincorporated areas of Riverside County, including the community of Thousand Palms (Project Area). Construction is scheduled to begin in the second quarter of 2009 following the receipt of all project approvals and to be completed by mid-2010.

**The Proposed Project includes the following primary components, which are described in more detail below in the project description section:**

- Construct a new 115 kilovolt subtransmission line from the Mirage Substation south to Interstate 10, adjacent to the east side of Tri-Palms Estates and within SCE's existing right-of-way and public streets.
- Replace an existing single-circuit with a double-circuit 115 kilovolt subtransmission line in Palm Springs from Farrell Substation, located at Gene Autry Trail and Vista Chino Drive, to the Garnet Substation, located near the intersection of Indian Avenue and Garnet Avenue within SCE's existing right-of-way and public streets.
- Loop the existing Devers-Coachella Valley 220 kilovolt transmission line from an existing right-of-way for approximately 0.8-miles on double-circuit lattice towers to Mirage Substation (install eight lattice steel towers and remove four lattice steel towers).

- Install one new tubular steel pole near Mirage Substation.
- Install an additional 280 megavolt ampere-220/115 kilovolt transformer at Mirage Substation.
- Install additional equipment and relays at certain substations located within the Project Area.

All proposed improvements would be installed within existing SCE right-of-way, public streets, and within SCE's existing substations in the Project Area.

### PURPOSE OF THIS FACT SHEET

The purpose of this fact sheet is to provide area residents, businesses, local officials, local organizations and other interested parties current information about the Proposed Project. The fact sheet also includes general information about SCE's project planning process and the California Public Utilities Commission's (CPUC) project approval process. The names and phone numbers of SCE's local representatives who can answer questions about the Proposed Project are listed at the end of this fact sheet.

### WHY IS THE PROJECT NEEDED?

The current electric system that serves the Project Area consists of multiple 115 kilovolt substations and subtransmission lines that form the Devers 115 kilovolt Subtransmission System. These facilities connect the Devers Substation, located north of Palm Springs, to the Mirage Substation, located near the Thousand Palms community. Currently, two of the 115 kilovolt lines within this system reach maximum capacity under certain conditions. One of these lines connects the Mirage Substation to the Concho Substation located in Palm Desert. The other line connects the Mirage Substation to the Tamarisk Substation located in Cathedral City. The Proposed Project would relieve overload conditions on these two existing 115 kilovolt lines by physically separating (splitting) the existing Devers 115 kilovolt Subtransmission System into two separate subtransmission systems — the Devers 115 kilovolt Subtransmission System and the Mirage 115 kilovolt Subtransmission System. Splitting the system would enable SCE to serve the Project Area from two separate systems, providing greater operational flexibility and reliability.

Additionally, SCE forecasts that by 2009 the 220 kilovolt transmission system between Devers and Mirage Substations could experience a voltage collapse, resulting in unreliable service in the Project Area. The proposed Devers-Coachella Valley 220 kilovolt transmission line loop-in at the Mirage Substation would correct this forecasted voltage problem by providing voltage support to the 220 kilovolt transmission system.

Figure 1 shows the areas to be served by the proposed Devers and Mirage 115 kilovolt Subtransmission Systems after the existing Devers 115 kilovolt Subtransmission System has been split. The Mirage 115 kilovolt Subtransmission System area is identified in blue and the Devers 115 kilovolt Subtransmission System area is identified in red.

## PROJECT DESCRIPTION

The Devers-Mirage 115 kilovolt System Split Project consists of the following elements as shown on Figures 2 and 3. Please see Figure 4 for a representation of the typical subtransmission structures to be used as part of the Proposed Project.

### Palm Springs area (Fig. 2):

1. Replace approximately 5.3 miles of existing single-circuit 115 kilovolt subtransmission lines with new higher capacity double-circuit 115 kilovolt lines and replace support structures between the Farrell and Garnet Substations.
2. Transfer existing fiber optic cable to new double-circuit support structures for approximately 5.3 miles and install telecommunications equipment at the Devers, Farrell, and Garnet Substations.
3. Install a new 16-foot-wide by 30-foot-long driveway into the Farrell Substation on the east side of Executive Drive at the north-east corner of SCE's property.

4. Install two tubular steel poles inside the Eisenhower and Farrell Substations and install relays, line positions, telecommunication, and other equipment at the Eisenhower and Thornhill Substations.

### Thousand Palms area (Fig. 3):

5. Replace approximately 1,783 feet of existing single-circuit 115 kilovolt lines with new higher capacity double-circuit 115 kilovolt subtransmission lines and replace support structures from the Mirage Substation to Calle Desierto.
6. Install approximately 2,447 feet of new single-circuit 115 kilovolt lines on new support structures on the west side of the existing SCE right-of-way from Calle Francisco to Calle Desierto.

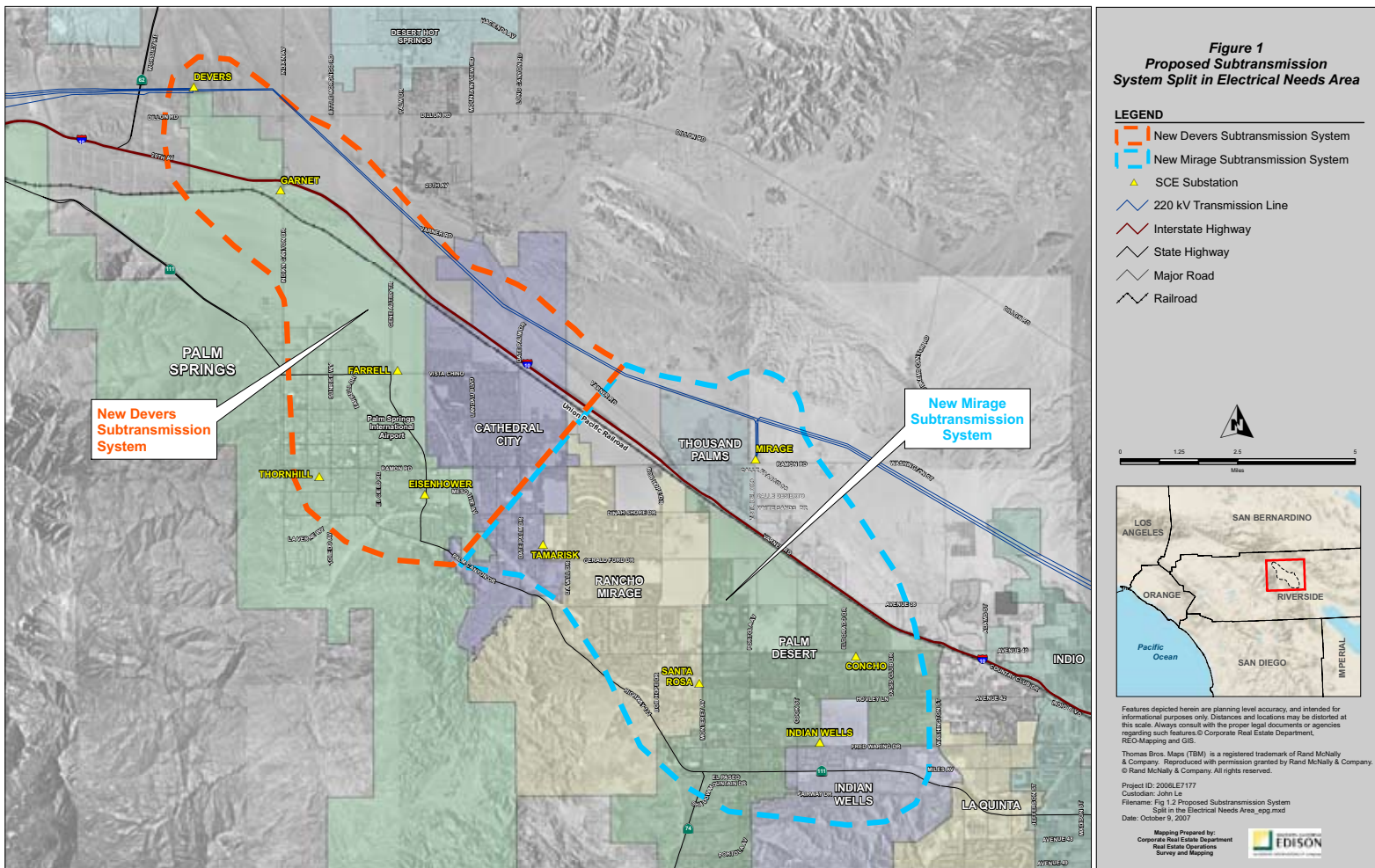


FIGURE 1: Area Map



Transfer existing fiber optic cable to the new support structures.

- Install approximately 1,293 feet of new single-circuit 115 kilovolt lines on new wood poles on the east side of the existing SCE right-of-way from Calle Desierto through the Tri-Palms Country Club golf course. Approximately 11 poles through the golf course would be wood structures to match the current pole line.
- Replace approximately 2,130 feet of existing single-circuit 115 kilovolt lines with new higher capacity double-circuit 115 kilovolt lines and replace support structures from the Tri-Palms Estates golf course to the I-10.

- Install one new 280 megavolt ampere 220/115 kilovolt transformer, four new 220 kilovolt circuit breakers, five new 115 kilovolt circuit breakers, two new line positions and telecommunications equipment at the Mirage Substation.

**Cathedral City area (Fig. 2 and 3):**

- Install relays, line positions, telecommunication, and other equipment at Tamarisk Substation.
- Replace six existing wood poles with four new wood poles and one new tubular steel pole in the vicinity of Date Palm Drive and Varner Road.

**Palm Desert area (Fig. 3):**

- Replace an existing single-circuit 115 kilovolt subtransmission line wood pole with a new double-circuit tubular steel pole located south of I-10, approximately 50 feet north of the existing wood pole at the intersection of Portola Avenue and Gerald Ford Drive in the city of Palm Desert.
- Install telecommunications equipment at Concho Substation.

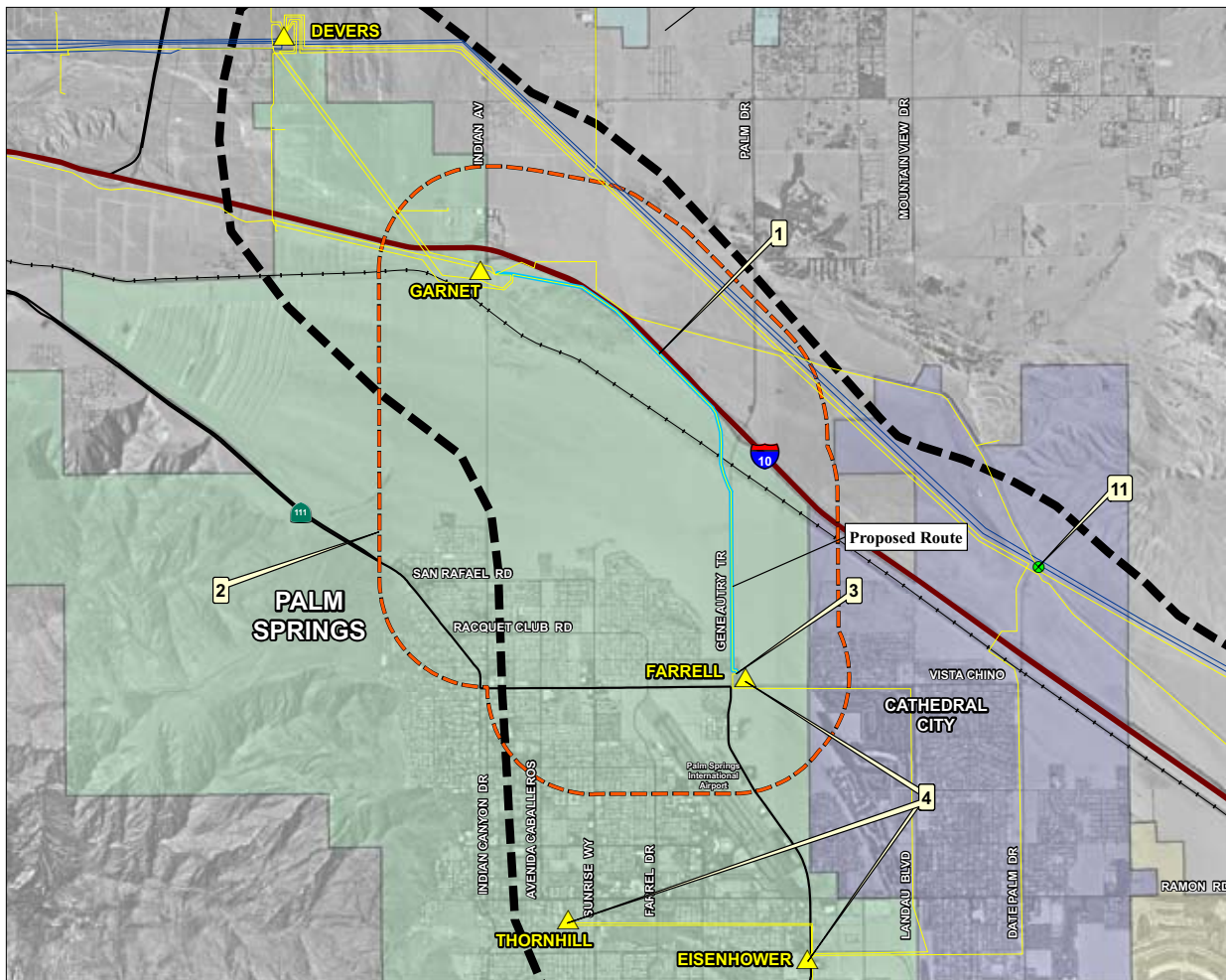
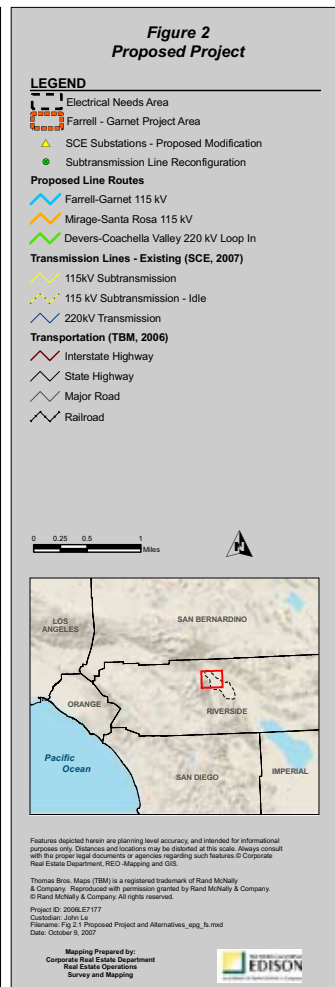


FIGURE 2



**Rancho Mirage area (Fig. 3):**

14. Replace two tubular steel poles, one light weight steel pole, and two wood poles at the intersection of Dinah Shore Drive and Bob Hope Drive with four tubular steel poles, three light weight steel poles with three 115 kilovolt pole switches to facilitate the creation of two separate subtransmission systems.
15. Upgrade the line positions and install telecommunications equipment in the Santa Rosa Substation.

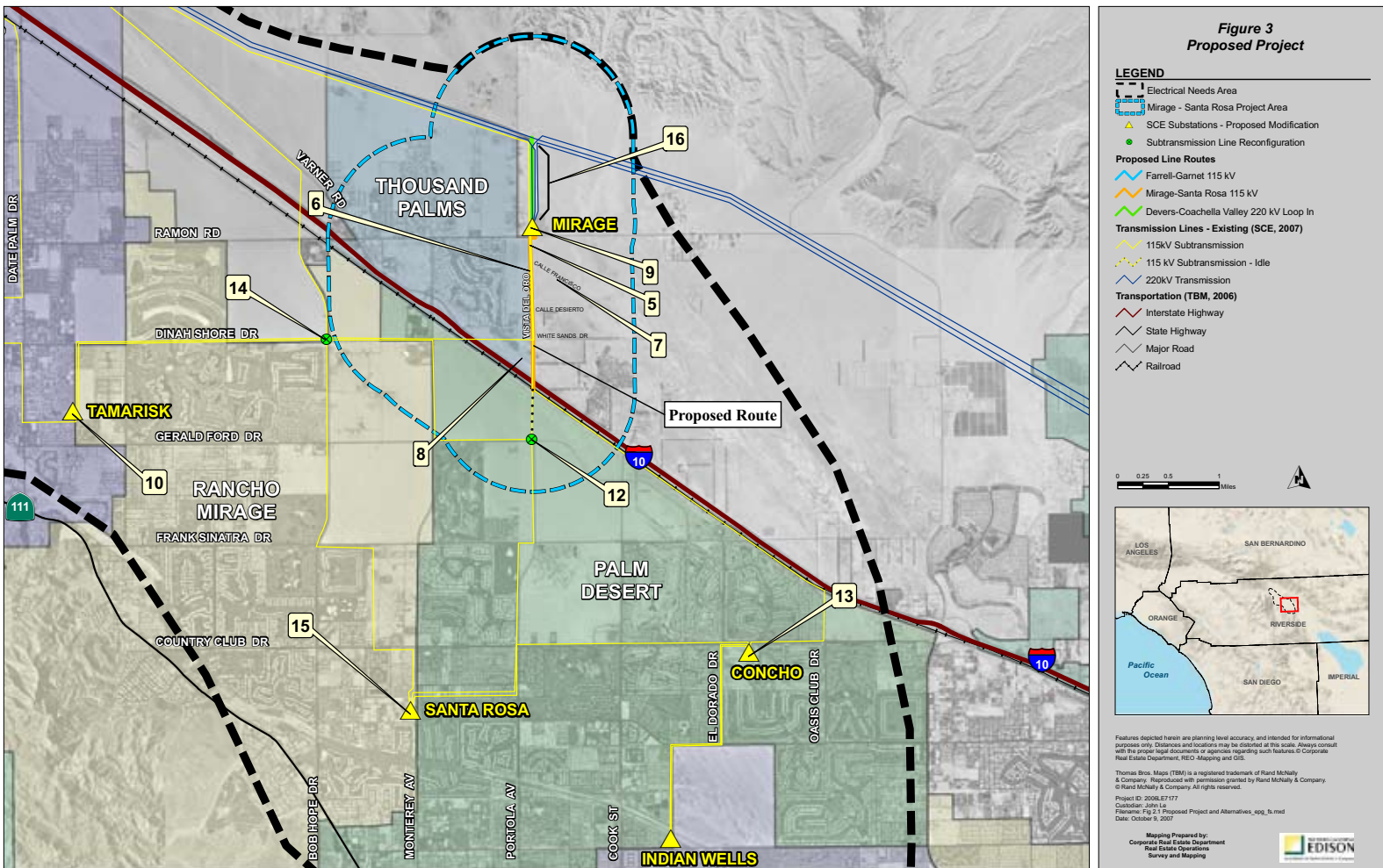
Please see Figure 5 for a representation of the subtransmission structures to be used as part of the work at Bob Hope Drive and Dinah Shore Drive.

**Thousand Palms area (Fig. 3):**

16. Devers-Coachella Valley 220 kilovolt Transmission Line Loop-in
  - Loop the existing Devers-Coachella Valley 220 kilovolt transmission line from an existing right-of-way for approximately 0.8-miles on double-circuit lattice towers to Mirage Substation (install eight lattice steel towers and remove four lattice steel towers).
  - Relocate and terminate the Julian Hinds 220 kilovolt transmission line and the new Coachella Valley 220 kilovolt transmission line at line positions within the Mirage Substation.

- Install a new 220 kilovolt tubular steel pole near the Mirage Substation.

Please see Figure 6 for a representation of the transmission structures to be used as part of the Devers-Coachella Valley 220 kilovolt transmission line loop-in.



**FIGURE 3**

## TYPICAL STRUCTURES

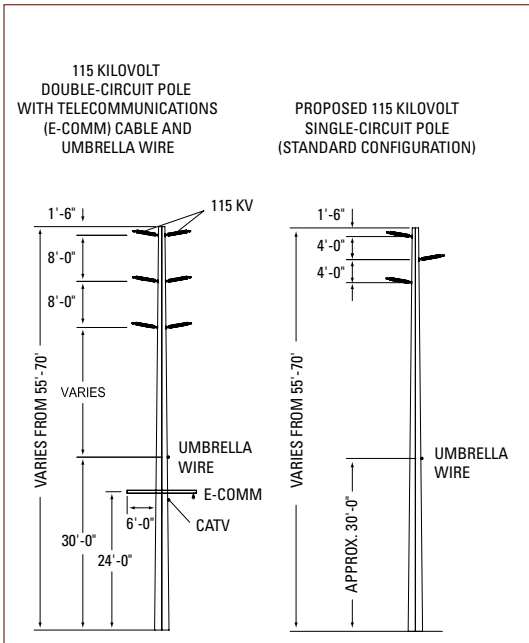


FIGURE 4

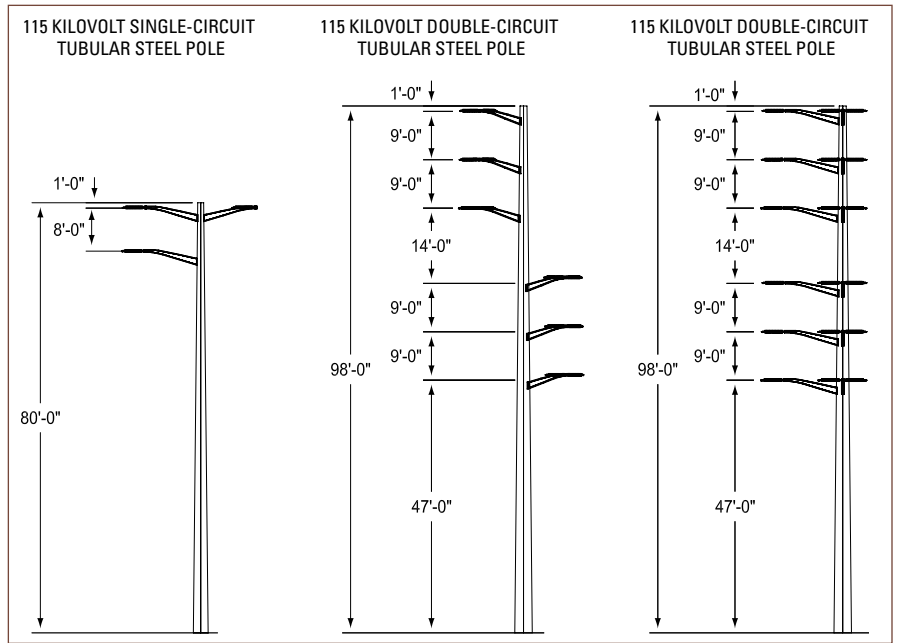


FIGURE 5: Intersection of Bob Hope Drive and Dinah Shore Drive

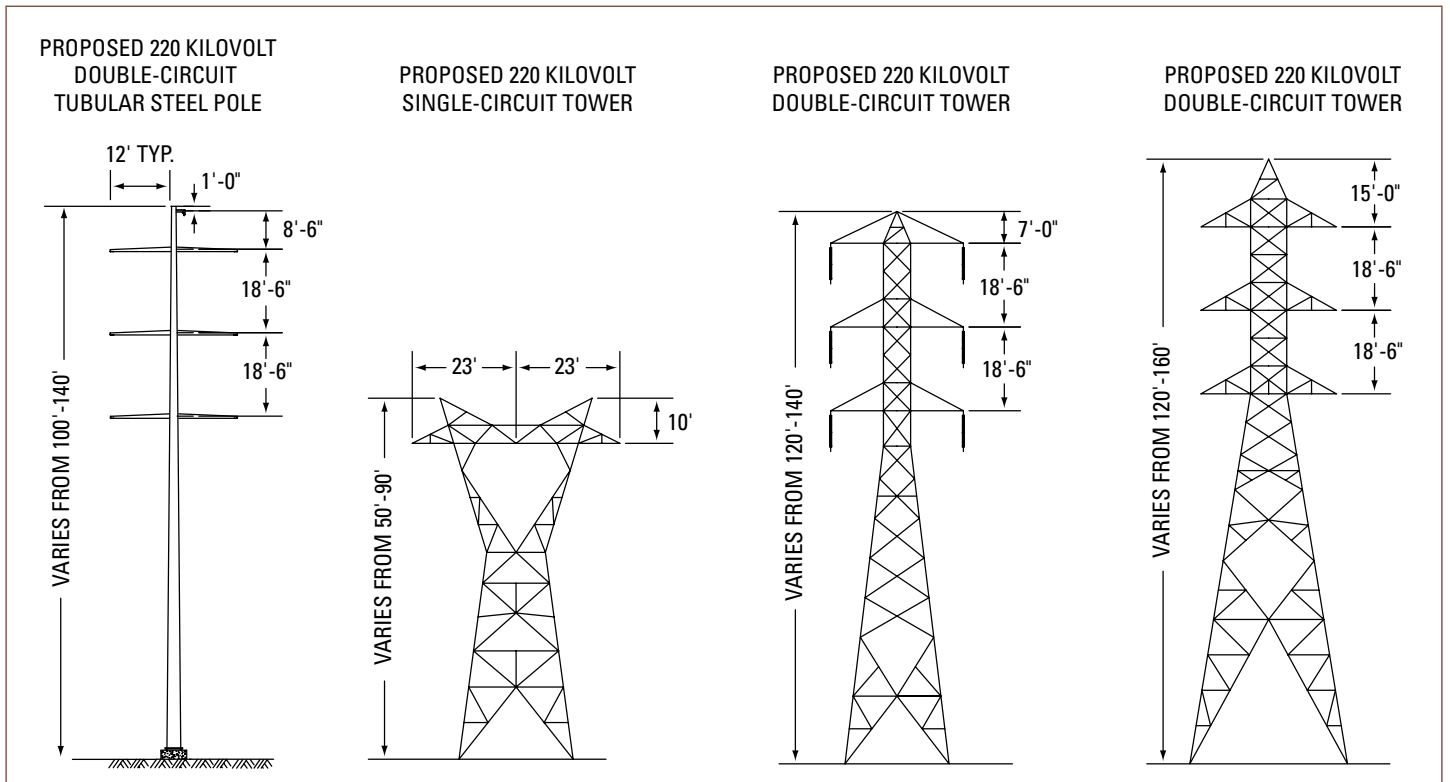


FIGURE 6: Devers-Coachella 220 Kilovolt Transmission Line Loop-In

## PROJECT APPROVAL PROCESS

To construct the Devers-Mirage 115 kilovolt System Split Project, SCE must submit an application for approval to the California Public Utilities Commission (CPUC). The CPUC is the state regulatory agency that sets electric rates and issues permits for the construction of certain electric facilities. SCE's application will include both environmental and technical analyses for the Proposed Project. The CPUC will review the application in accordance with the California Environmental Quality Act (CEQA) and will seek public comment on the Proposed Project. The CPUC will then approve the Devers-Mirage 115 kilovolt System Split Project as filed, approve the project with modifications, or deny the project.

SCE anticipates that it will file its application for a Permit to Construct with the CPUC in December 2007.

## PUBLIC OUTREACH AND COMMUNICATIONS

SCE will conduct information and outreach activities designed to help inform area residents, businesses, and other interested parties about the project. SCE representatives will meet with and notify appropriate city, county, state and federal agencies about its intent to file an application to construct the project. SCE will work with affected communities, local officials and any other interested parties to fully describe the project and to respond to questions. Following project approval, SCE will work with all affected communities to plan for and coordinate its construction activities to minimize disruptions.

## TIMELINE

December 2007	File application for Permit to Construct with the CPUC
2 <sup>nd</sup> Quarter 2009	Begin construction upon receipt of required approvals
Mid-2010	Complete construction

## HOW TO STAY INFORMED

*If you have any questions or comments regarding the proposed project or would like to be added to the project mailing list, contact the SCE representatives listed below for your area or visit the project Web site at: [www.sce.com/deversmirage](http://www.sce.com/deversmirage).*

### Cathedral City and Palm Springs

Lin Juniper, Region Manager  
(760) 202-4231

SCE Palm Springs Service Center  
36100 Cathedral Canyon Drive  
Cathedral City, CA 92234

### Riverside County

Louis Davis, Region Manager  
(951) 928-8208

SCE San Jacinto Service Center  
26100 Menifee Road  
Romoland, CA 92585

### Rancho Mirage, Indian Wells, Palm Desert and Thousand Palms

Kathy DeRosa, Region Manager  
(760) 202-4211

Palm Springs Service Center  
36100 Cathedral Canyon Drive  
Cathedral City, CA 92234

SCE will also host a project open house. The open house is an informal gathering that provides the public an opportunity to learn more about the project and talk to SCE project team members.

When SCE files its application with the CPUC, it will mail notice of that filing to property owners of record within 300 feet of the project.



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Devers-Mirage 115 kV System Split Project Office  
2131 Walnut Grove Avenue  
GO 3, Third Floor, 395 F  
Rosemead, CA 91770

**SAVE THE DATE.**

**You are invited to an Open House...**

# OPEN HOUSE

**Southern California Edison Company (SCE)** invites you to join the Devers-Mirage 115 Kilovolt System Split Project team at an open house in your community. The purpose of the open house is to provide project specific information and answer questions that you may have. The project team will have project maps and other material available for viewing. Please plan on attending the open house listed below.

## Thursday, November 15

4:30 p.m. - 7:30 p.m.

**Della S. Lindley Elementary School, Multi-purpose Room**  
**31-495 Robert Road, Thousand Palms, CA 92276**

*For additional information please contact:*

### **Cathedral City and Palm Springs**

Lin Juniper, Region Manager  
(760) 202-4231

### **Riverside County**

Louis Davis, Region Manager  
(951) 928-8208

### **Rancho Mirage, Indian Wells, Palm Desert and Thousand Palms**

Kathy DeRosa, Region Manager  
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### **About the Project**

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# OPEN HOUSE

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**The Purpose** of the open house is to provide project specific information and answer questions that you may have. The project team will have project maps and other material available for viewing. Please plan on attending the open house listed below.

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**Multi-Purpose Room**

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# WELCOME

TO SOUTHERN CALIFORNIA EDISON COMPANY'S

DEVERS-MIRAGE 115 KILOVOLT  
SYSTEM SPLIT PROJECT

## OPEN HOUSE



# WELCOME TO THE DEVERS-MIRAGE 115 KILOVOLT SYSTEM SPLIT PROJECT OPEN HOUSE

## How is the open house organized?

- This open house is designed to provide you with information related to the Devers-Mirage 115 Kilovolt System Split Project and to answer your questions.
- The open house is informal — feel free to move around the room at your own pace and talk with the Devers-Mirage 115 Kilovolt System Split Project team about any issues or questions you may have.
- Each topic table represents an issue or question that we thought you may want to know more about.
- We welcome your comments and questions. Comment cards are available at each table.

# PURPOSE AND NEED

The current electric system serving the area consists of multiple 115 kilovolt substations and subtransmission lines that form the Devers 115 Kilovolt Subtransmission System. These facilities connect the Devers Substation to the Mirage Substation. Currently, two of the 115 kilovolt lines within this system reach maximum capacity under certain conditions. The Proposed Project would relieve overload conditions on these two existing lines by physically separating (splitting) the existing Devers 115 Kilovolt Subtransmission System into two separate subtransmission systems — the Devers 115 Kilovolt Subtransmission System and the Mirage 115 Kilovolt Subtransmission System. Splitting the system would enable SCE to serve the area from two separate systems, providing greater operational flexibility and reliability.

Additionally, SCE forecasts that by 2009 the 220 kilovolt transmission system between Devers and Mirage Substations could experience a voltage collapse, resulting in unreliable service in the area. The proposed Devers-Coachella Valley 220 kilovolt transmission line loop-in at the Mirage Substation would correct this forecasted voltage problem by providing voltage support to the 220 kilovolt transmission system.

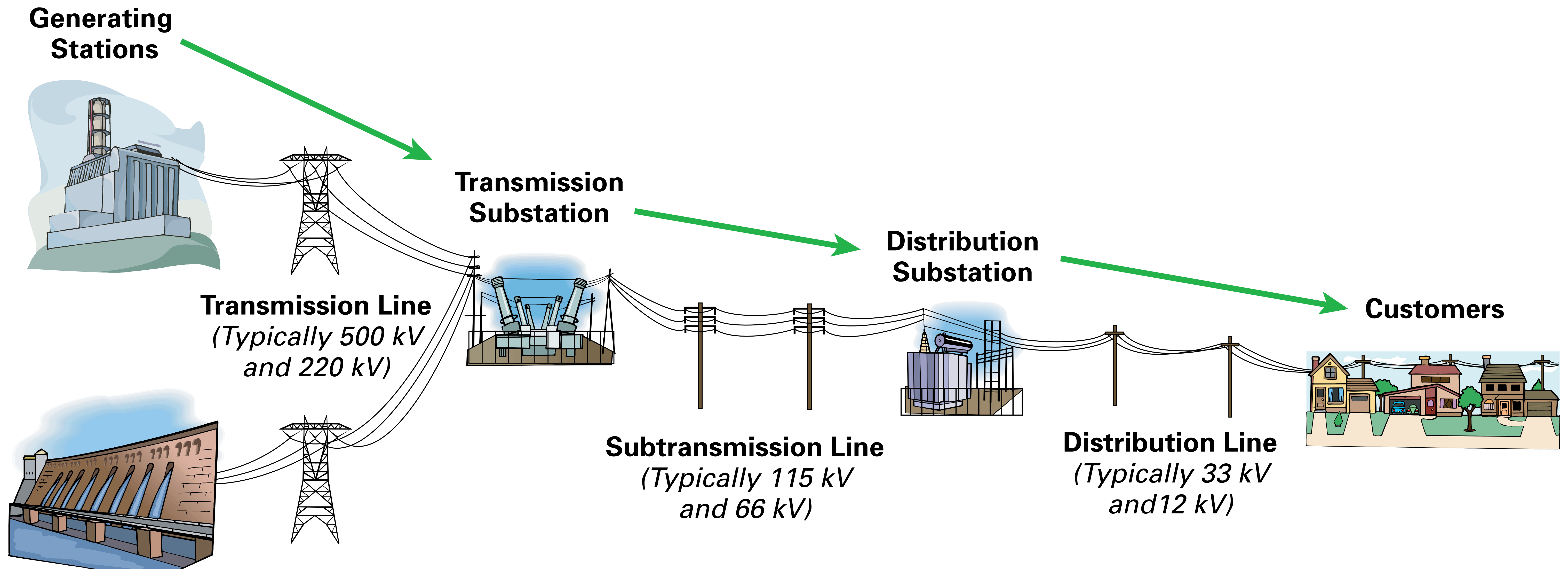


# PROJECT OVERVIEW

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- Construct a new 115 kilovolt subtransmission line.
- Replace an existing single-circuit with a double-circuit 115 kilovolt subtransmission line.
- Loop the existing Devers-Coachella Valley 220 kilovolt transmission line from an existing right-of-way for approximately 0.8-miles on double-circuit lattice towers to Mirage Substation (install eight lattice steel towers and remove four lattice steel towers).
- Install one new tubular steel pole near Mirage Substation; Install an additional 280 megavolt ampere, 220/115 kilovolt transformer at Mirage Substation.
- Install additional equipment and relays at certain substations located within the project area.

# PATH OF ELECTRICITY



## PROJECTED TIMELINE

- |                  |  |
|------------------|--|
| December 2007    | File application for Permit to Construct with the CPUC |
| 2nd Quarter 2009 | Begin construction upon receipt of required approvals  |
| Mid-2010         | Complete construction                                  |



## HOW DOES SCE DETERMINE NEW FACILITIES ARE REQUIRED?

- Electric system facilities have capacity limitations. When projections indicate that these capacities will be exceeded within an appropriate planning horizon, SCE proposes a project to increase the capacity of the system to maintain safe, reliable, and adequate service to existing and new customers.
- SCE utilizes a multi-step planning process to ensure the development of appropriate system facilities is undertaken in time to meet anticipated increased electrical demand:
  - Peak demand forecasts are developed using available and projected demographic and economic information. SCE takes the following information into consideration:
    - Historical trends
    - New development built or under construction
    - City and County approved projects and general plans
    - Existing and forecasted customer demand
  - Technical engineering studies are conducted to determine whether forecasted demand can be accommodated using existing facilities.



# CALIFORNIA PUBLIC UTILITIES COMMISSION (CPUC) APPROVAL PROCESS

- The proposed project falls within the jurisdiction of the CPUC.
- Following completion of project planning activities, which include discussions with area residents, landowners, government officials and other parties, SCE will submit an application to the CPUC requesting authority to construct the project.
- The CPUC will review the project in compliance with the requirements of the California Environmental Quality Act (CEQA).
- The CPUC review process may include public scoping meetings, issuing a draft Environmental Impact Report (EIR) and holding public hearings which provide the public the opportunity to comment on the project.
- The CPUC will review SCE's application and then approve the project as filed, approve the project with modifications, or deny the project.

## HOW DOES SCE COMPLY WITH ENVIRONMENTAL LAWS AND REGULATIONS?

SCE complies with all applicable state and federal environmental laws including:

- California Public Utilities Commission (CPUC) General Order 131-D
- California Environmental Quality Act (CEQA)
- National Environmental Quality Act (NEPA)
- Clean Water Act
- California and Federal Endangered Species Acts
- Clean Air Act
- National Historic Preservation Protection Act
- Archeological Resources Protection Act
- Migratory Bird Treaty Act
- California Department of Fish and Game Code
- Bureau of Land Management



# HOW DOES SCE MINIMIZE ENVIRONMENTAL IMPACTS?

- Identifies and avoids sensitive biological resources and cultural resource sites wherever possible
- Uses existing roads and rights-of-way wherever possible
- Schedules construction activities to avoid critical lifecycles for sensitive species
- Uses construction techniques (best management practices) that minimize environmental impacts
- Utilizes on-site biological/archaeological monitors in sensitive areas
- Provides environmental training for all workers
- Schedules construction traffic during off peak hours to the extent possible





## USE OF RIGHT-OF-WAY

All uses of property within the SCE right-of-way are reviewed on a case by case basis subject to various factors, including:

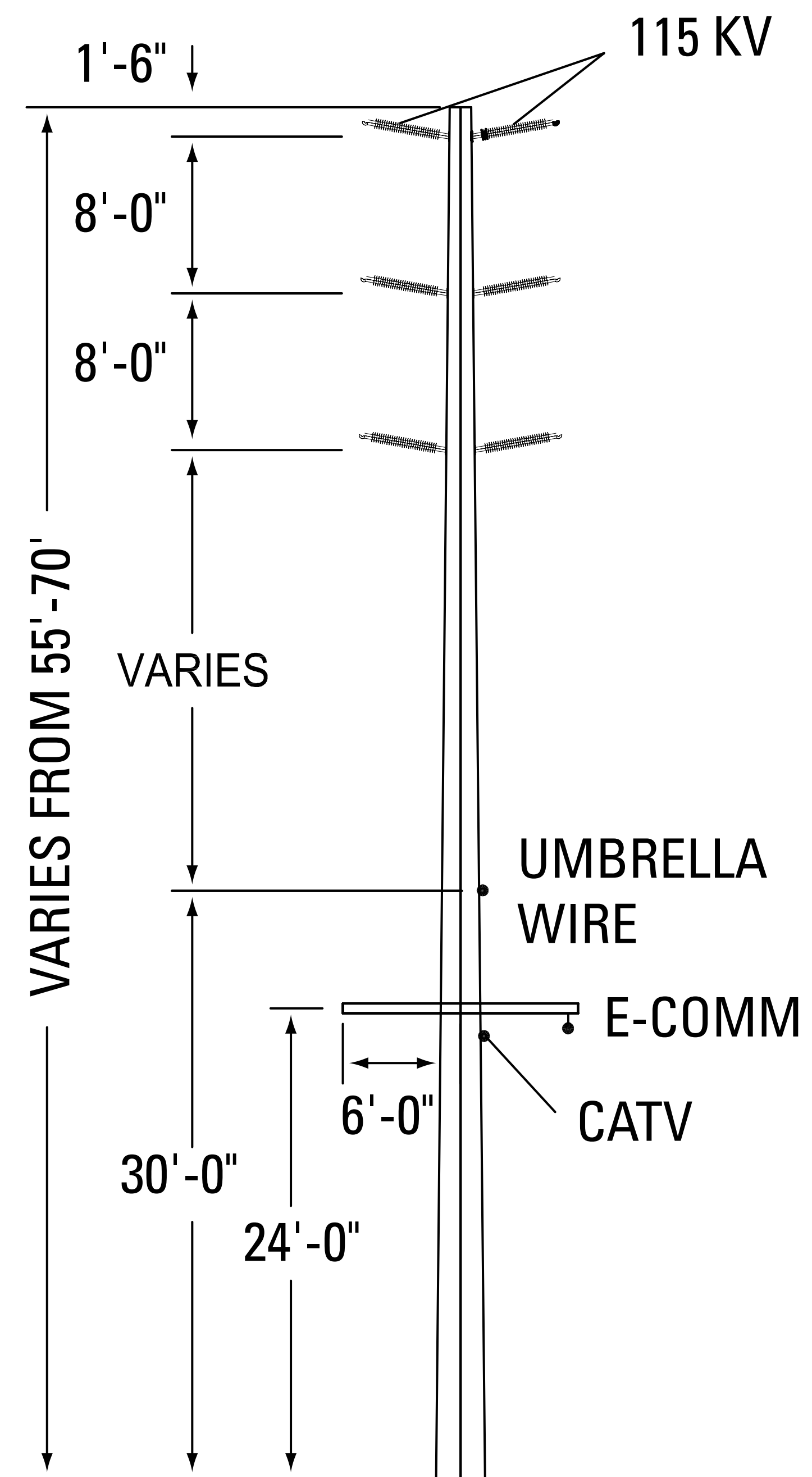
- Construction and maintenance activities
- Public safety
- Electric utility requirements
- Governmental regulations
- Restrictive covenants
- Property owners are responsible for maintaining their property (including the right-of-way) in accordance with governmental regulations

## RIGHT-OF-WAY ACQUISITION PROCESS AFTER CPUC APPROVAL

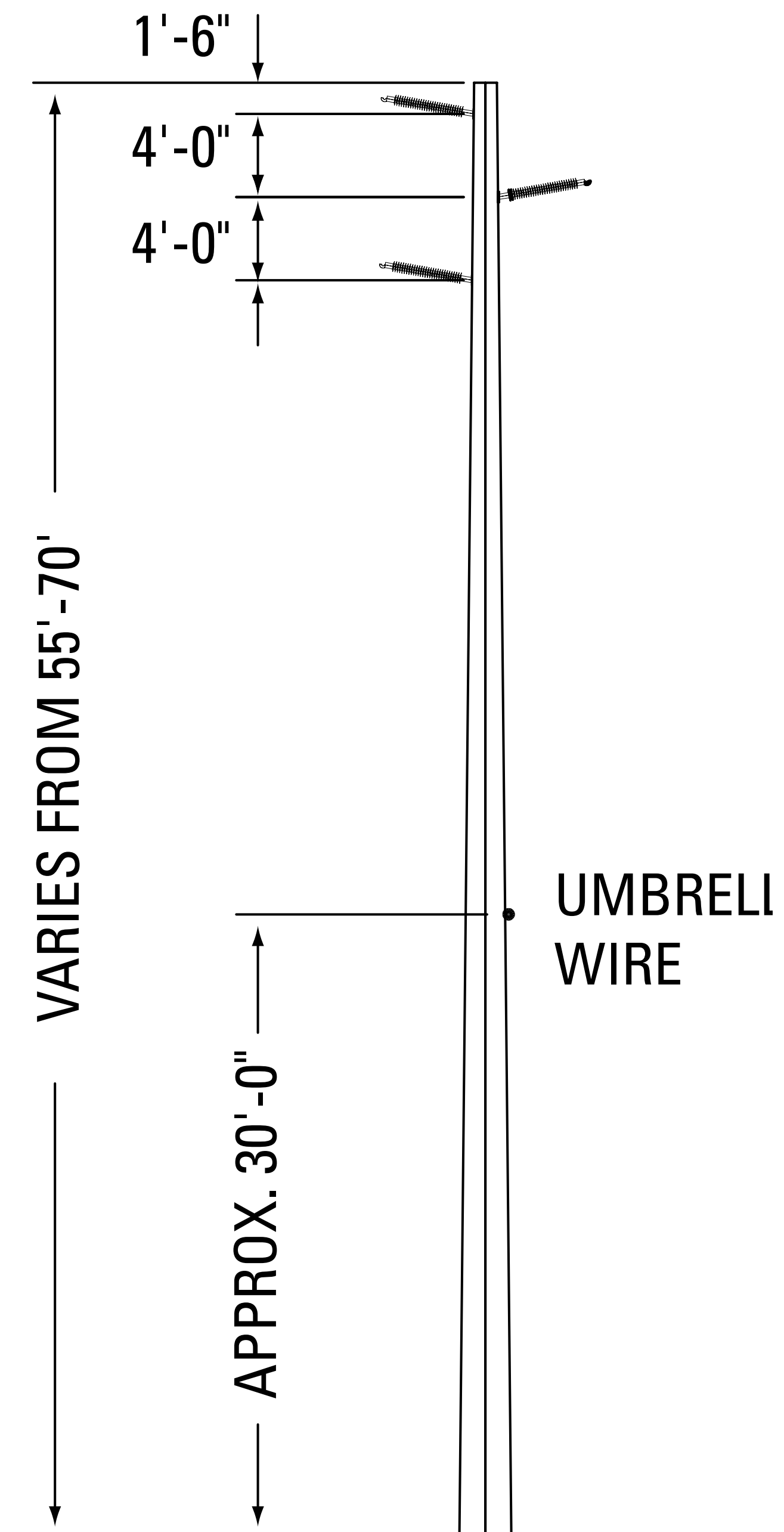
- Determine extent of required right-of-way to be acquired
- Meet and negotiate with property owners
- Survey/Title/Mapping/Document preparation
  - Preliminary title reports obtained
  - Grants of easement proposed (easement rights obtained include the right for construction, maintenance, and access)
- Appraisal process to value right-of-way completed
- State-certified appraiser (fair market value for the easement is determined)
- Acquire easement from property owner
- Full payment made to property owner

# TYPICAL STRUCTURE DESIGN

115 KILOVOLT  
DOUBLE-CIRCUIT POLE  
WITH TELECOMMUNICATIONS  
(E-COMM) CABLE AND  
UMBRELLA WIRE



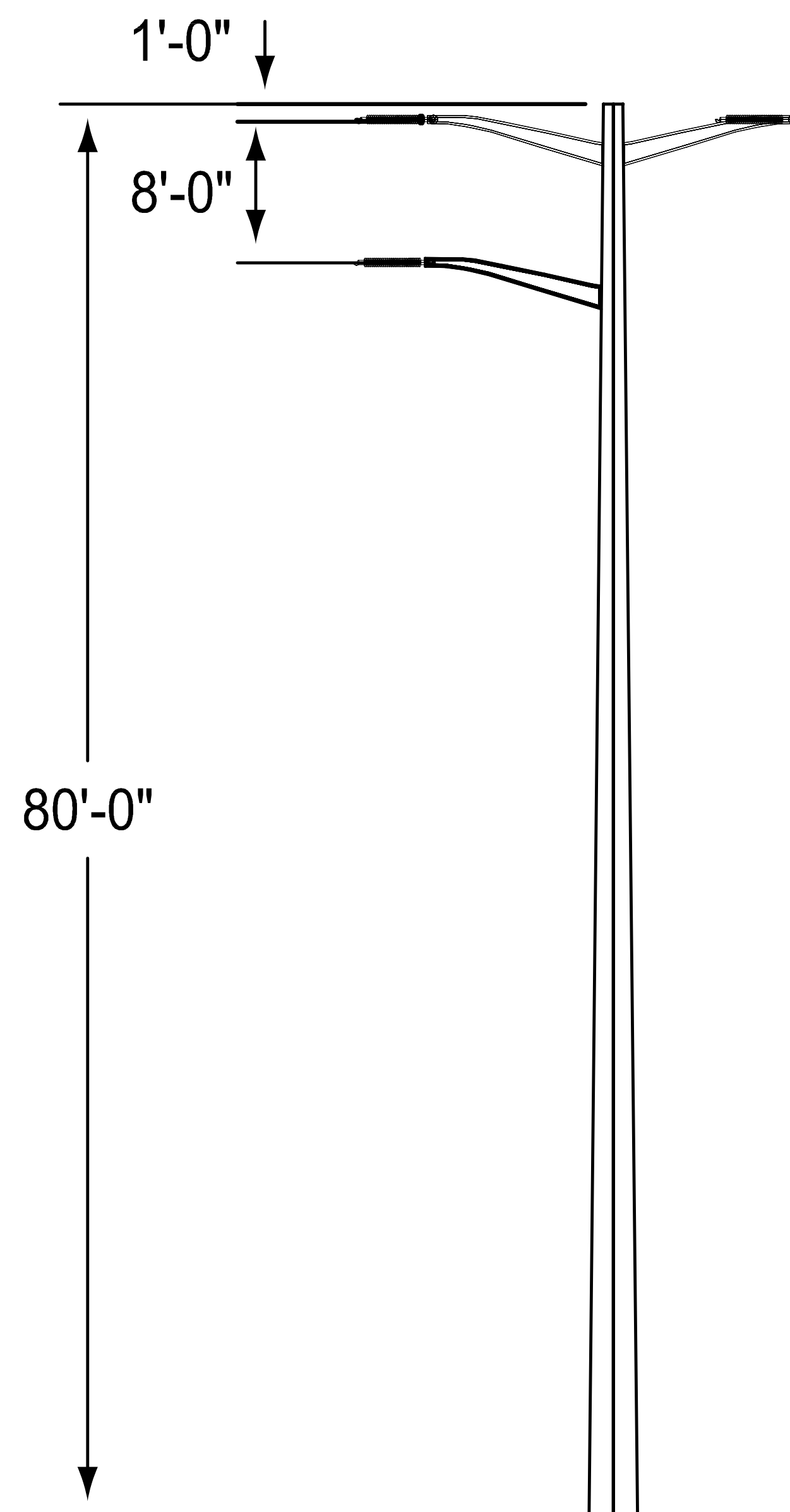
PROPOSED 115 KILOVOLT  
SINGLE-CIRCUIT POLE  
(STANDARD CONFIGURATION)



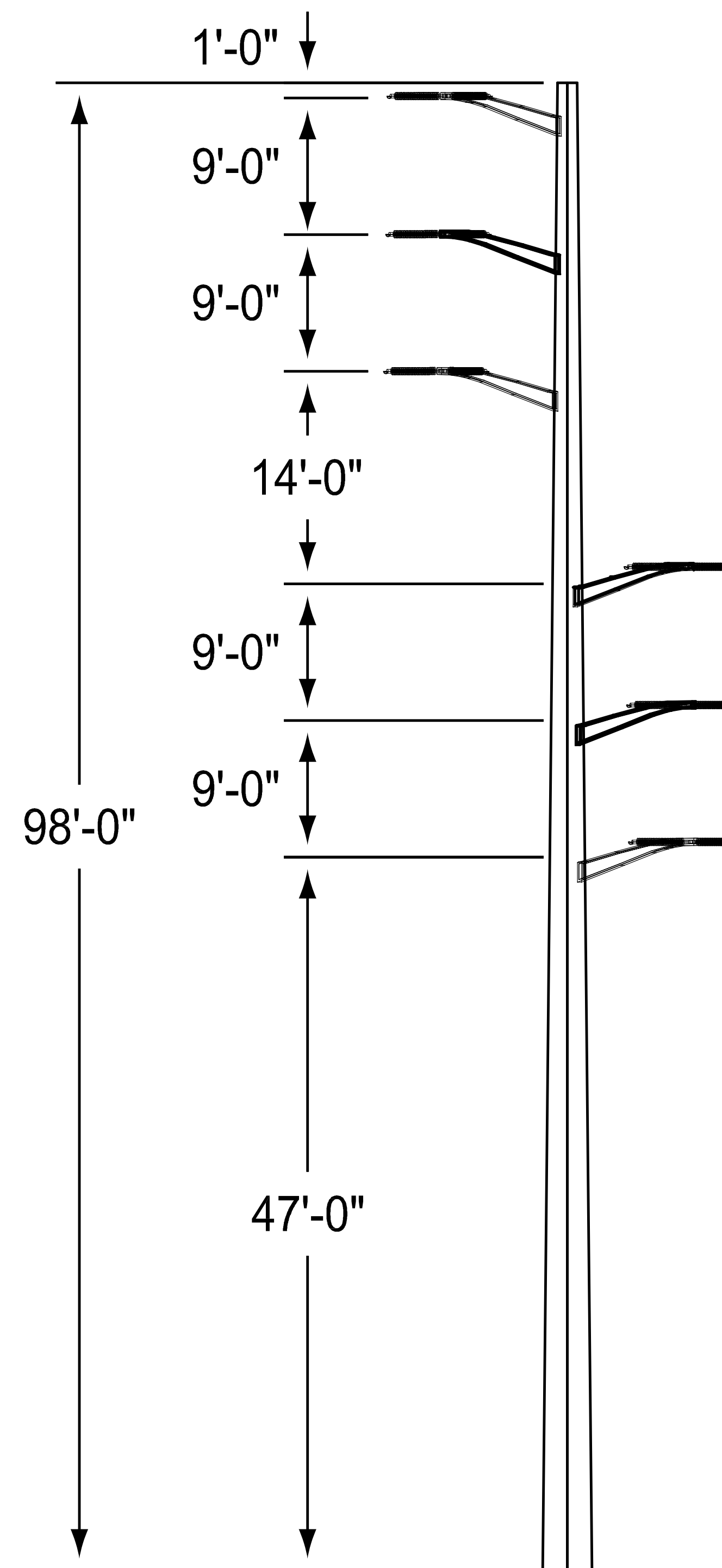
# TYPICAL STRUCTURE DESIGN

## Intersection of Bob Hope Drive and Dinah Shore Drive

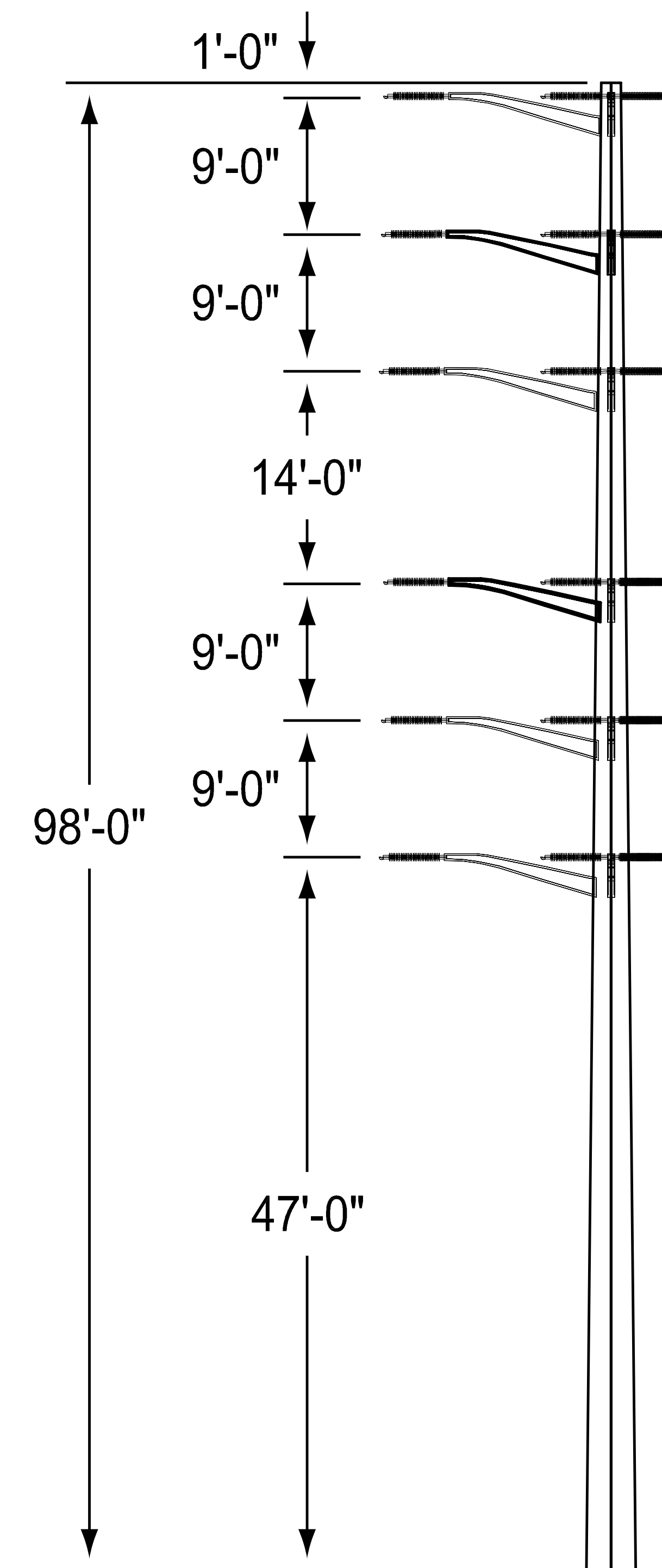
115 KILOVOLT SINGLE-CIRCUIT  
TUBULAR STEEL POLE



115 KILOVOLT DOUBLE-CIRCUIT  
TUBULAR STEEL POLE



115 KILOVOLT DOUBLE-CIRCUIT  
TUBULAR STEEL POLE

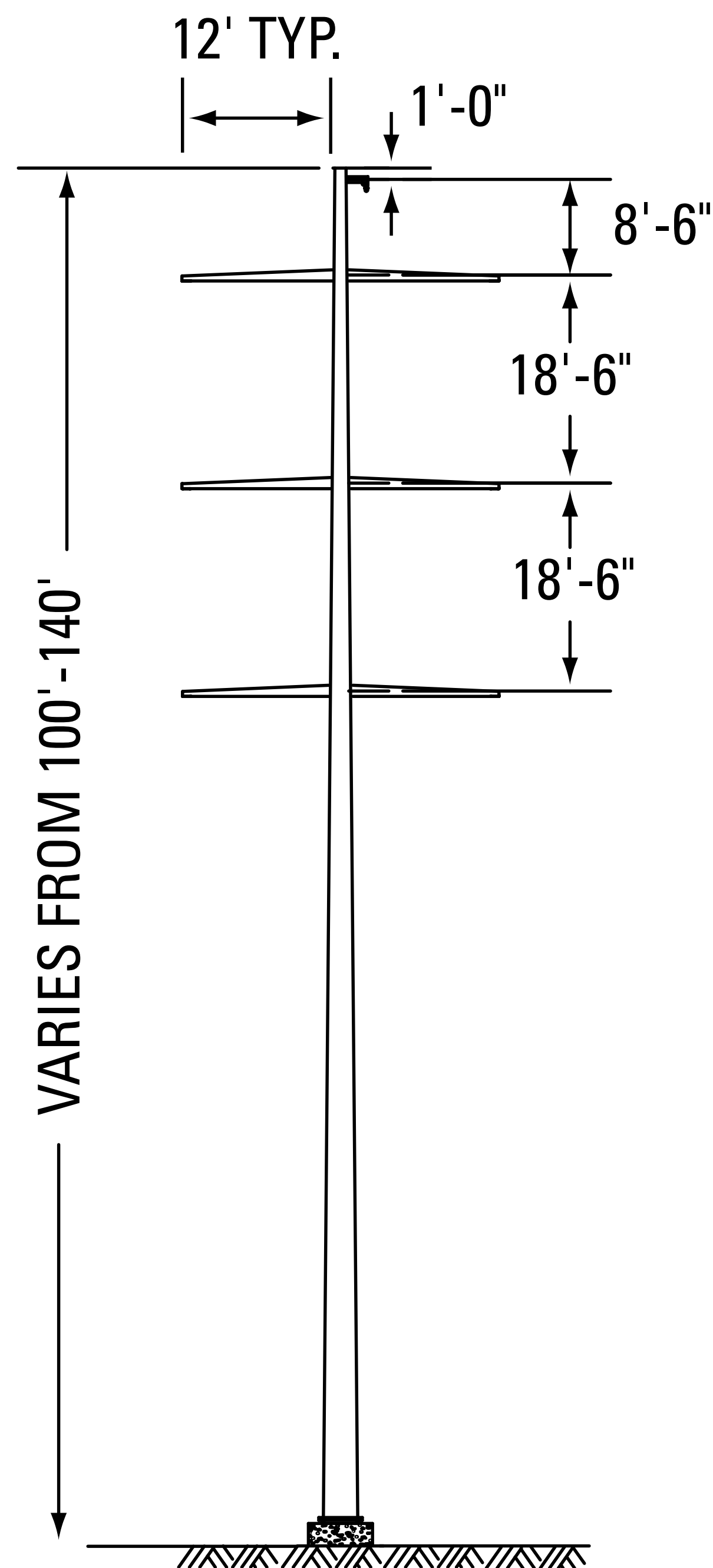




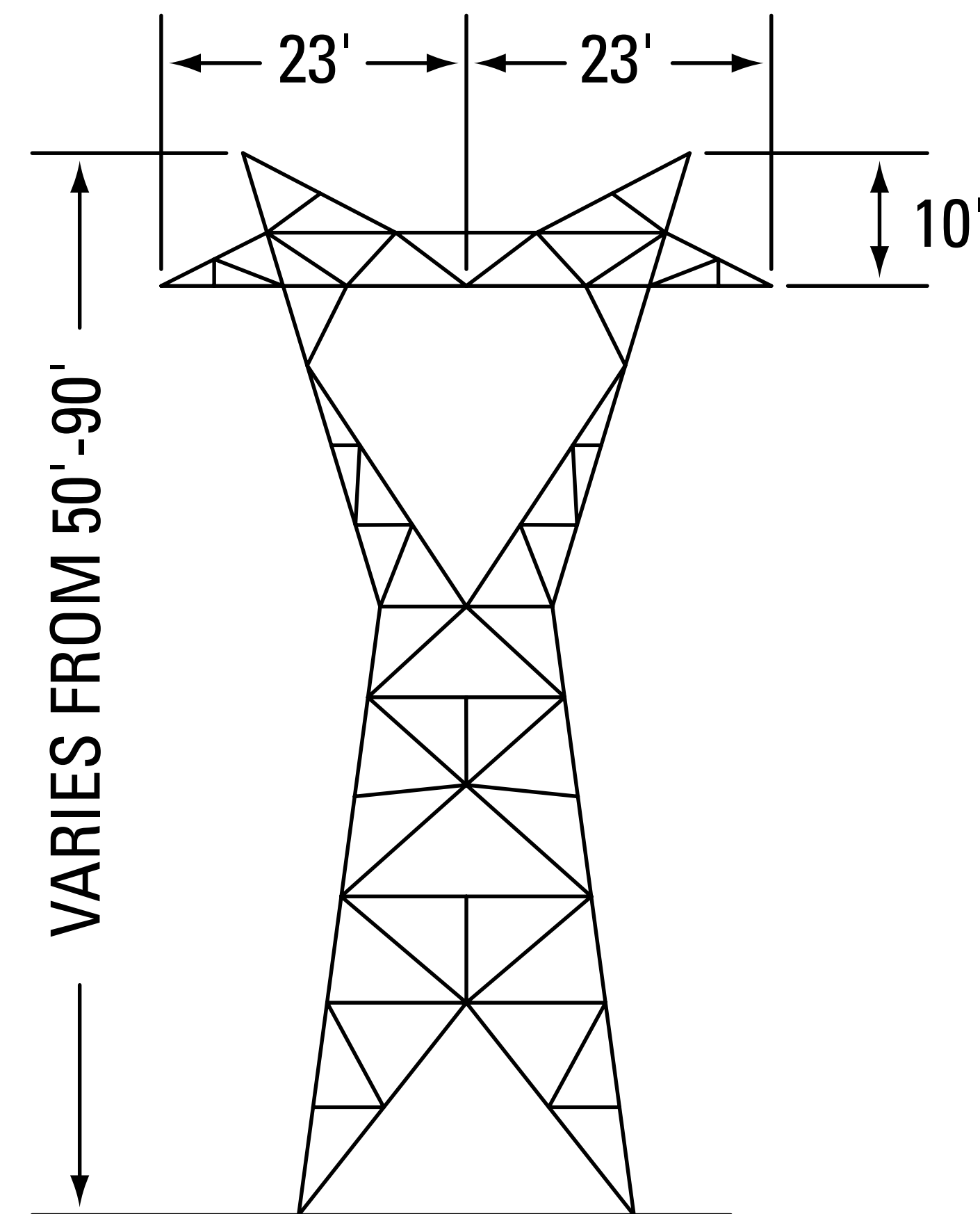
# TYPICAL STRUCTURE DESIGN

## Devers-Coachella Valley 220 Kilovolt Loop-In

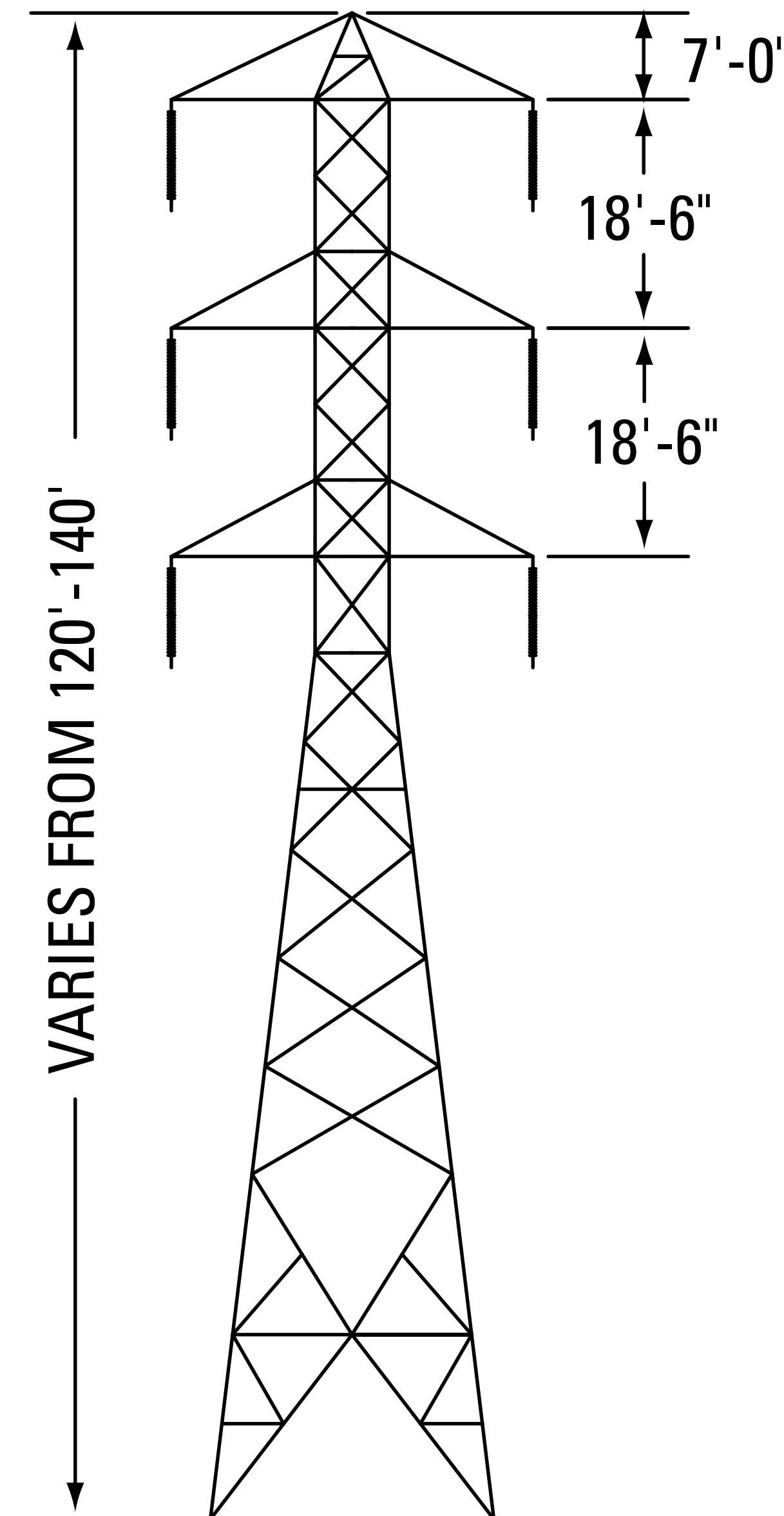
PROPOSED 220 KILOVOLT  
DOUBLE-CIRCUIT  
TUBULAR STEEL POLE



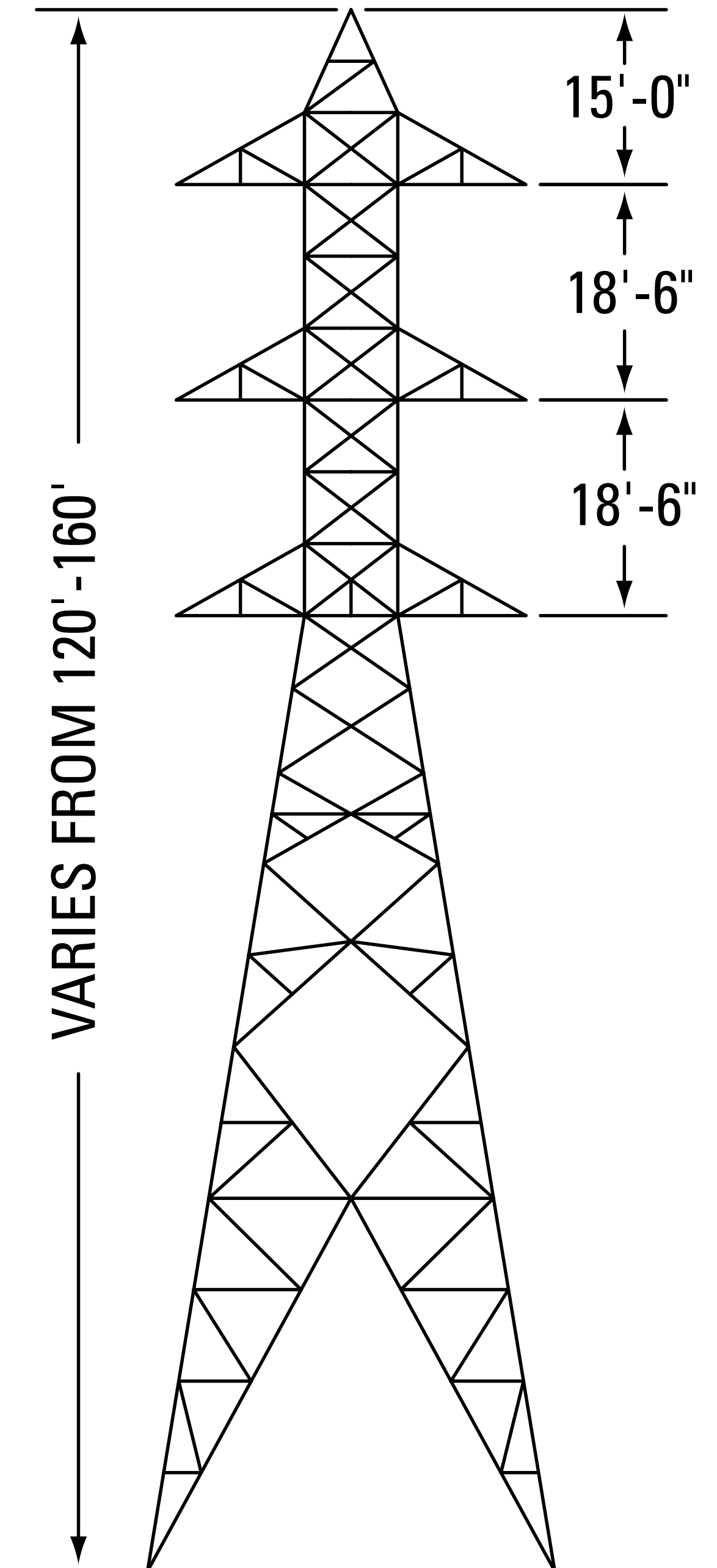
PROPOSED 220 KILOVOLT  
SINGLE-CIRCUIT TOWER



PROPOSED 220 KILOVOLT  
DOUBLE-CIRCUIT TOWER



PROPOSED 220 KILOVOLT  
DOUBLE-CIRCUIT TOWER





## HOW DOES SCE MINIMIZE CONSTRUCTION IMPACTS?

SCE will work with local officials, residents, and businesses to minimize the impacts of this project. Specifically, SCE will:

- Comply with all applicable local ordinances and regulations, including dust control, noise abatement, and other environmental measures.
- Provide prior notification to affected property owners of construction activities, including information on street closures and other activities that could temporarily limit access for area residents.
- Provide residents and local businesses with contact information for SCE personnel who are available to answer questions that may arise during construction.
- Ensure the safety and security of all construction activities. Construction equipment will be removed or secured during non-working hours; open holes and potential hazards will be covered and marked.



# TYPICAL SUBTRANSMISSION LINE CONSTRUCTION ACTIVITIES



**Survey**



**Build foundations**



**Erect poles**



**String wire**



# WHAT ARE ELECTRIC AND MAGNETIC FIELDS (EMF)?

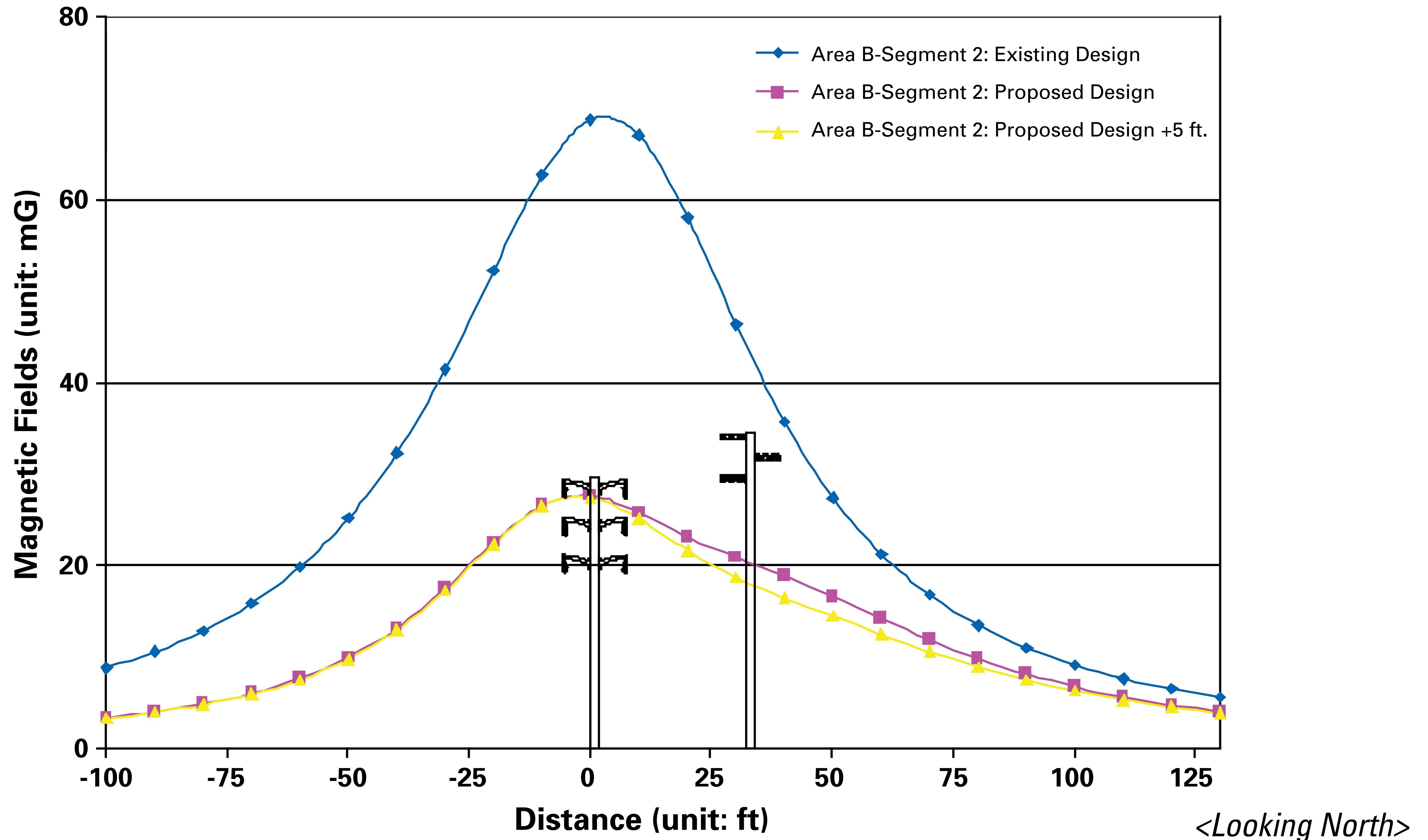
- *Electric and magnetic fields (EMF) are invisible lines of force that surround any electrical device. Power lines, electrical wiring, appliances, and electrical equipment all produce EMF. The strength of these fields decreases rapidly with distance from the EMF source.*
- The California Public Utilities Commission (CPUC) requires SCE to utilize no-cost and low-cost measures in the design of new facilities as a precautionary-based EMF policy to reduce public exposure to EMF.
- In accordance with “EMF Design Guidelines” filed with the CPUC in compliance with CPUC Decisions 93-11-013 and 06-01-042, the following no-cost and low-cost magnetic field reduction measures will be considered for this project:
  - Using taller poles for the proposed new 115 kV subtransmission line segments;
  - Using a “double-circuit” pole-head configuration for the double-circuit portion of the Proposed 115 kV Subtransmission Lines;
  - Using a “triangle” type pole-head configuration for the single-circuit portion of the Proposed 115 kV Subtransmission Lines;
  - Phasing the Proposed 115 kV Subtransmission Lines with respect to the adjacent existing subtransmission lines,
  - Re-phasing existing 115 kV Subtransmission Lines;
  - Phasing the Proposed 220 kV Transmission Lines with respect to the adjacent existing transmission lines; and
  - Placing major substation electric equipment (such as transformers) away from the existing substation property lines.

## NOTES ABOUT MAGNETIC FIELD GRAPHS

- Magnetic field graphs are only intended to show relative differences in magnetic field levels between the existing design and proposed subtransmission design under a specific set of modeling assumptions.
- Magnetic field graphs are not intended to predict actual magnetic field levels at any given time or at any specific location because magnetic fields vary with time. Magnetic fields will continuously vary with customer electricity usage, load growth, and other factors beyond SCE's control.
- By implementing appropriate no-cost and low-cost magnetic field reduction measures, SCE attempts to reduce magnetic fields to levels lower than they would be if SCE had not considered various magnetic field reduction measures.

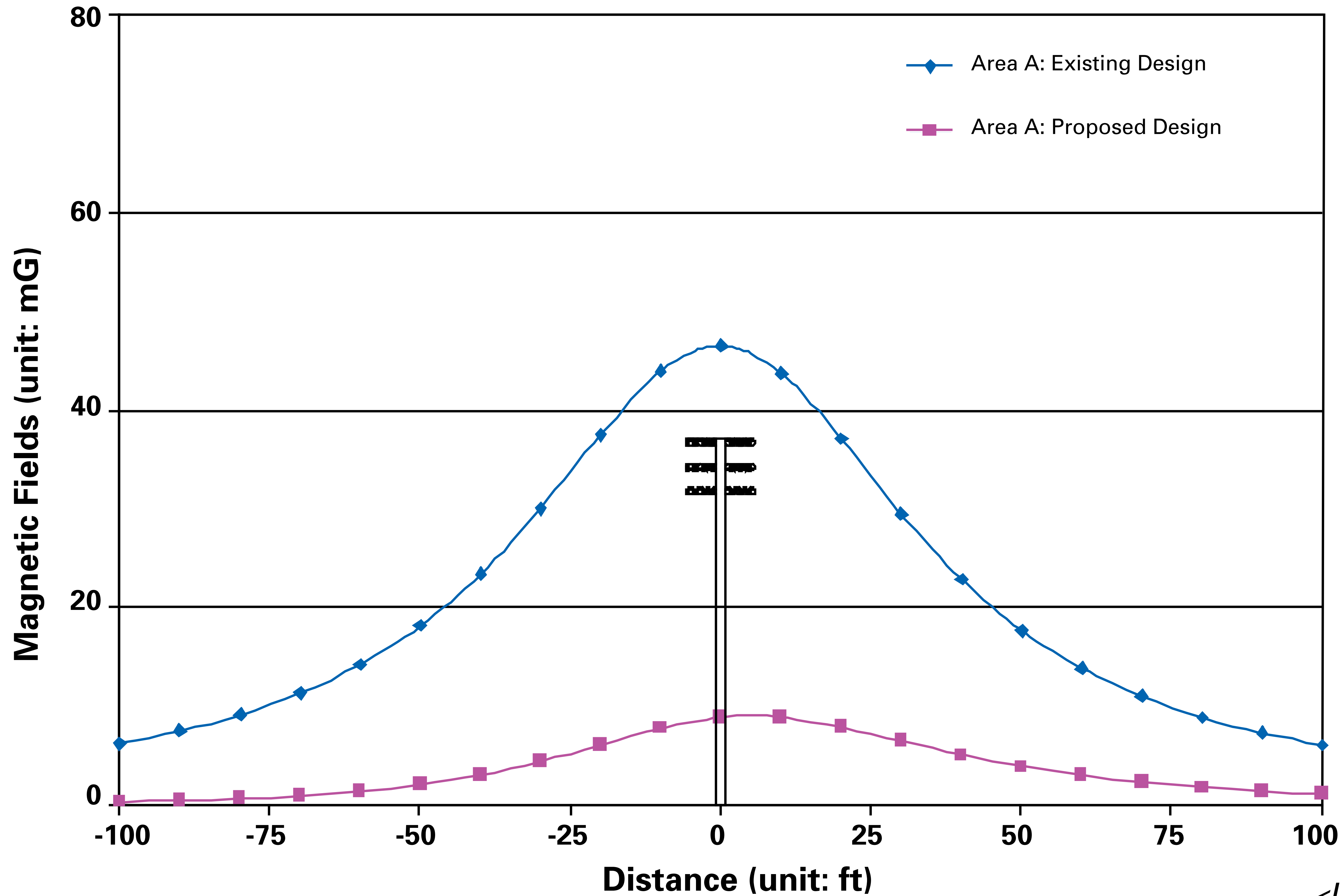
# A DESIGN COMPARISON OF MAGNETIC FIELDS

(Near Tri-Palm Estates Area)



# A DESIGN COMPARISON OF MAGNETIC FIELDS

(Along Gene Autry Trail)

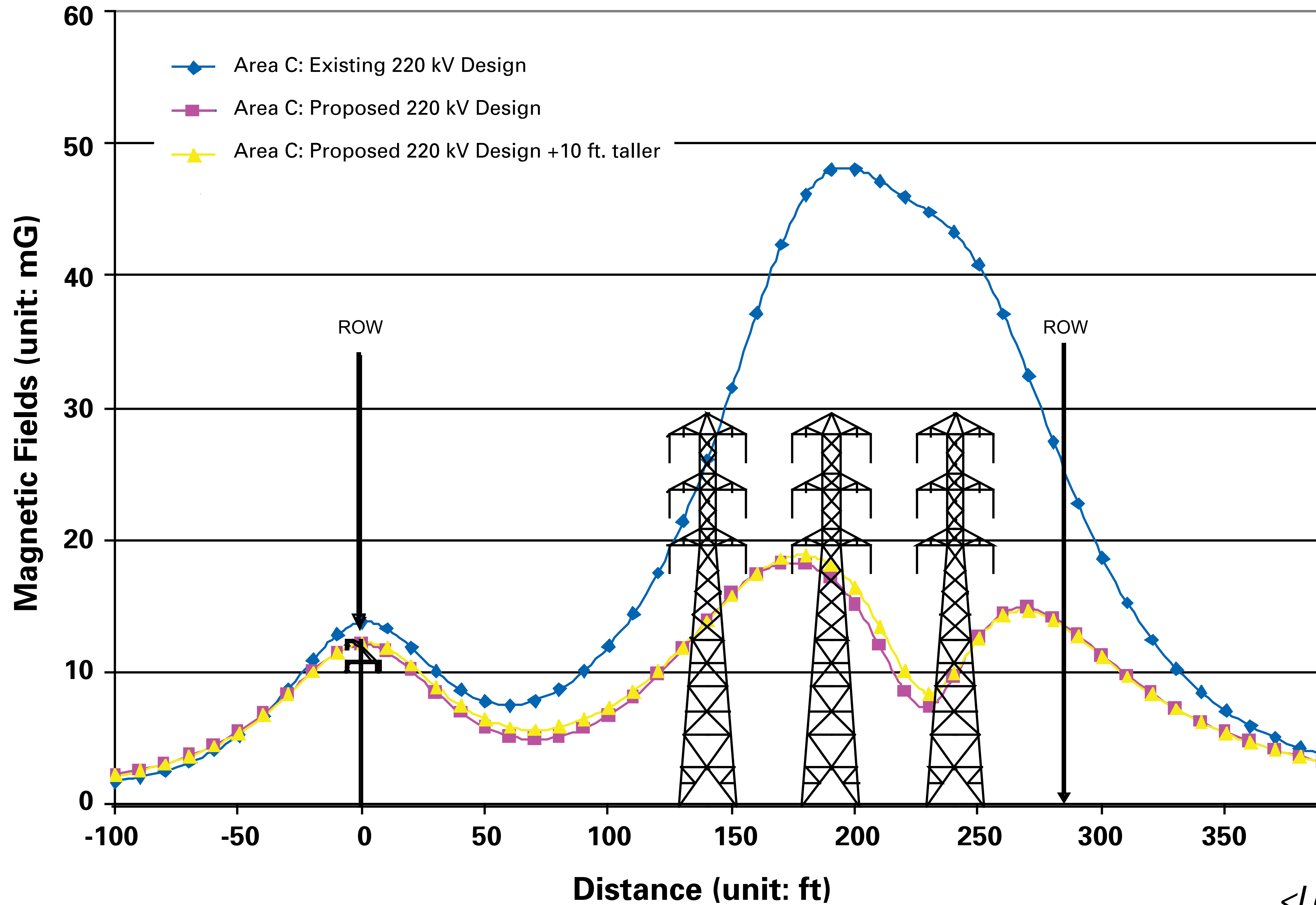


<Looking North>



# A DESIGN COMPARISON OF MAGNETIC FIELDS

(North of Mirage Substation)



## BEFORE YOU LEAVE

- If you have additional questions or desire additional information, please fill out a comment card.
- If you did not receive a project fact sheet in the mail, and would like to receive written project information, please complete the project mailing list section on the comment card.

**THANK YOU FOR COMING!**

**SOUTHERN CALIFORNIA EDISON**  
An EDISON INTERNATIONAL® Company

Devers-Mirage 115 Kilovolt System Split Project

**Comment Card**

- What did you think about the Open House meeting format?
- Was enough information provided to answer your questions?
- Do you have additional comments or suggestions?
- How did you hear about the Open House?  
 Received Invitation     Newspaper Ad     Newspaper Story  
 Other: \_\_\_\_\_

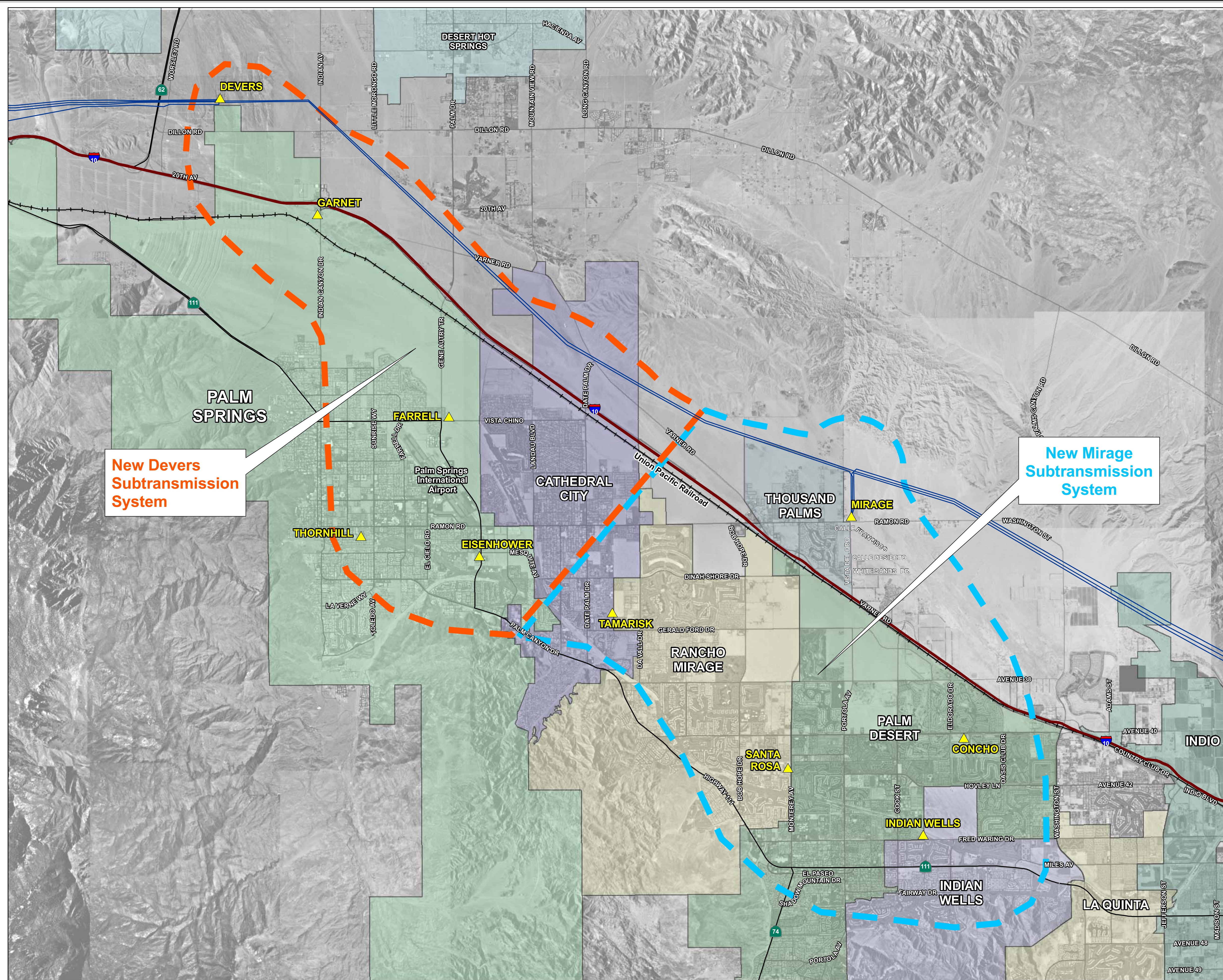
(Optional)  
Please place me on the mailing list for project updates:  Yes     No

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone (optional): \_\_\_\_\_  
Email (optional): \_\_\_\_\_

*Thank you for your time and interest in providing us with your comments!*



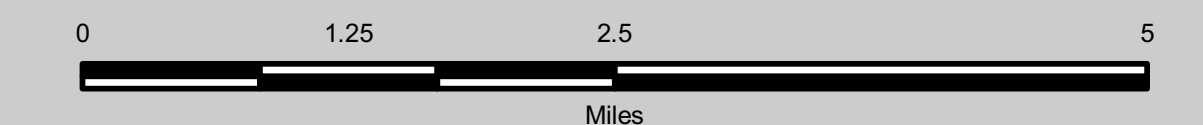
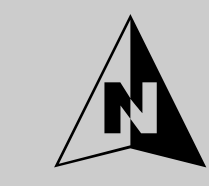
# Devers-Mirage 115 Kilovolt System Split Project



**Figure 1**  
Proposed Subtransmission System Split in Electrical Needs Area

**LEGEND**

- New Devers Subtransmission System
- New Mirage Subtransmission System
- SCE Substation
- 220 kV Transmission Line
- Interstate Highway
- State Highway
- Major Road
- Railroad



Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features. © Corporate Real Estate Department, REO-Mapping and GIS.

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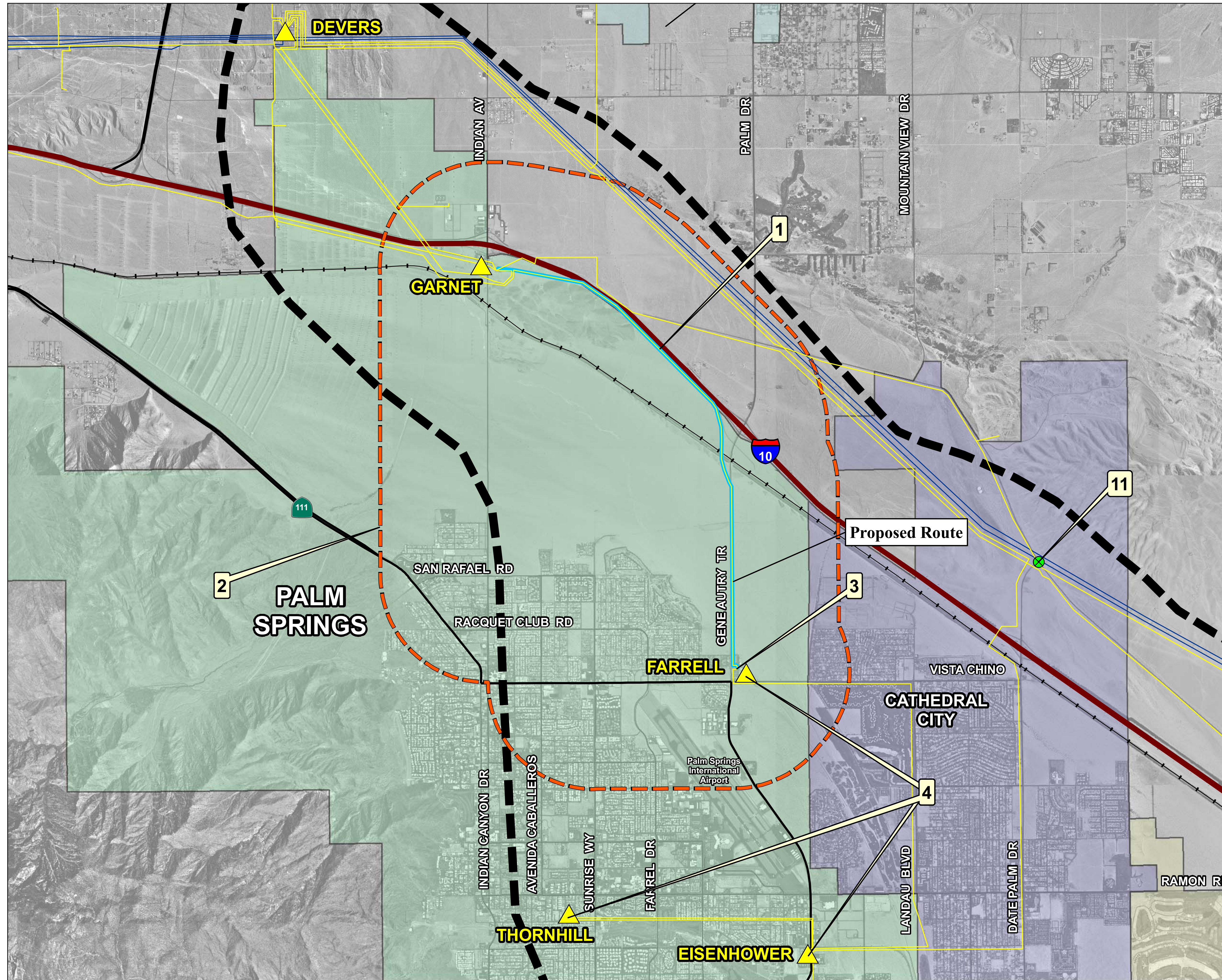
Project ID: 2006LE7177  
Custodian: John Le  
Filename: Fig 1.2 Proposed Subtransmission System Split in the Electrical Needs Area\_epg.mxd  
Date: October 9, 2007

Mapping Prepared by:  
Corporate Real Estate Department  
Real Estate Operations  
Survey and Mapping





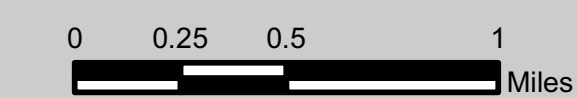
# Devers-Mirage 115 Kilovolt System Split Project



**Figure 2  
Proposed Project**

**LEGEND**

- Electrical Needs Area
- Farrell - Garnet Project Area
- SCE Substations - Proposed Modification
- Subtransmission Line Reconfiguration
- Proposed Line Routes**
  - Farrell-Garnet 115 kV
  - Mirage-Santa Rosa 115 kV
  - Devers-Coachella Valley 220 kV Loop In
- Transmission Lines - Existing (SCE, 2007)**
  - 115kV Subtransmission
  - 115 kV Subtransmission - Idle
  - 220kV Transmission
- Transportation (TBM, 2006)**
  - Interstate Highway
  - State Highway
  - Major Road
  - Railroad



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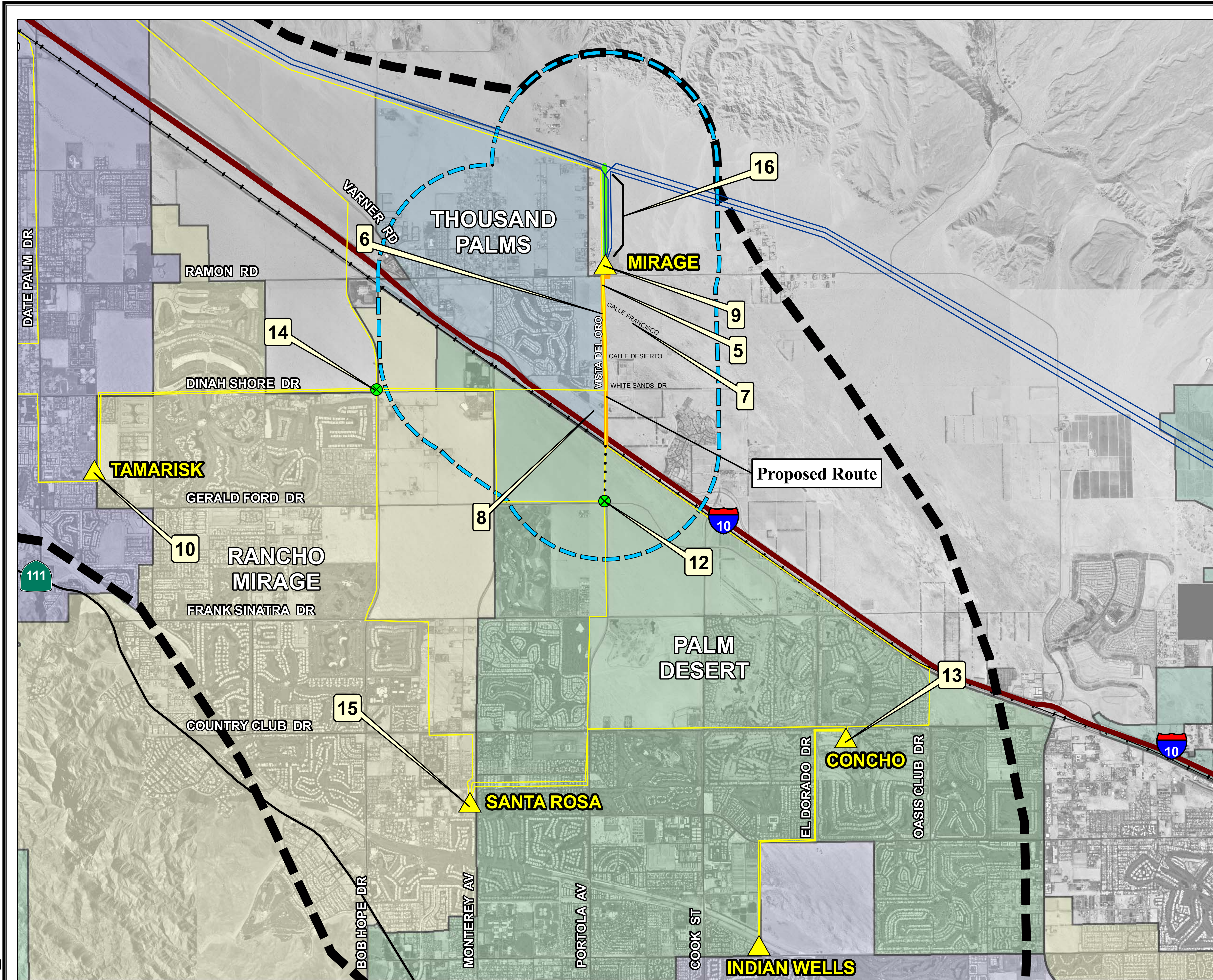
Project ID: 2006LE7177  
Custodian: John Le  
Filename: Fig 2.1 Proposed Project and Alternatives\_epg\_fs.mxd  
Date: October 9, 2007

Mapping Prepared by:  
Corporate Real Estate Department  
Real Estate Operations  
Survey and Mapping





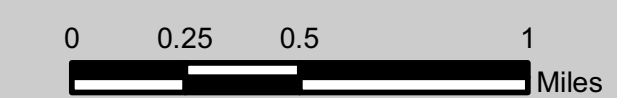
# Devers-Mirage 115 Kilovolt System Split Project



**Figure 3  
Proposed Project**

**LEGEND**

- Electrical Needs Area
- Mirage - Santa Rosa Project Area
- SCE Substations - Proposed Modification
- Subtransmission Line Reconfiguration
- Proposed Line Routes**
  - Farrell-Garnet 115 kV
  - Mirage-Santa Rosa 115 kV
  - Devers-Coachella Valley 220 kV Loop In
- Transmission Lines - Existing (SCE, 2007)**
  - 115kV Subtransmission
  - 115 kV Subtransmission - Idle
  - 220kV Transmission
- Transportation (TBM, 2006)**
  - Interstate Highway
  - State Highway
  - Major Road
  - Railroad

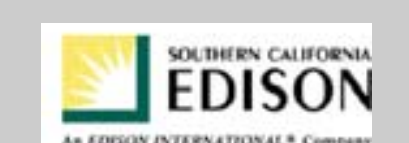


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Project ID: 2006LE7177  
Custodian: John Le  
Filename: Fig 2.1 Proposed Project and Alternatives\_epg\_fs.mxd  
Date: October 9, 2007

Mapping Prepared by:  
Corporate Real Estate Department  
Real Estate Operations  
Survey and Mapping





November 20, 2007

Bill Bayne, City Engineer  
City of Cathedral City  
68-700 Avenida Lalo Guerrero  
Cathedral City, CA 92234

Dear Bill:

As discussed recently, Southern California Edison Company (SCE) will be filing an application with the California Public Utilities Commission (CPUC) for authority to build the Devers-Mirage 115 kV System Split Project, a portion of which is proposed to be constructed in the northern section of Cathedral City.

CPUC General Order 131-D, which governs this approval process, requires SCE to request a written position statement from the cities and counties through which the proposed project will traverse, and to include those position statements in the application. The purpose of this letter is to request from you a written position statement regarding this project.

The enclosed Fact Sheet was mailed to residents and other interested parties within the project vicinity in Cathedral City. Briefly, Electrical demand in the Coachella Valley and the unincorporated areas of Riverside County is growing and will exceed Southern California Edison's (SCE) capacity to serve this area, especially during peak periods on hot days. To meet the areas increasing electrical demand and to improve electric reliability in the area, SCE proposes to construct the Devers-Mirage Project. Devers-Mirage includes the following primary components:

- Construction of a new, 115 kV subtransmission line from the Mirage Substation.
- Replacing an existing single-circuit with a double-circuit 115 kV subtransmission line in Cathedral City.
- Installing an additional 220/115 kV transformer at Mirage Substation (in Thousand Palms), and
- Installing additional equipment at the surrounding neighborhood substations.

More detailed information on the project is included in the enclosed Fact Sheet.

We ask you to review the project information and send us a written statement from the City of Cathedral City regarding the project by November 30, 2007 for inclusion in the CPUC application. I am available to discuss this project further and to answer any questions the City may have beforehand, if you wish.

Thank you for your cooperation.

Sincerely,

Lin Juniper  
Region Manager

Kathleen DeRosa/SCE/EIX

To cortega@ci.palm-desert.ca.us

11/16/2007 03:31 PM

cc

bcc

Subject Devers-Mirage 115 kV System Split Project



**FOR INTERNAL USE ONLY**

Dear Carlos:

As we discussed during our recent meeting with you, Southern California Edison Company (SCE) will be filing an application with the California Public Utilities Commission (CPUC) for authority to build the Devers-Mirage 115 kV System Split Project, a portion of which is proposed to be constructed in the City of Palm Desert.

CPUC General Order 131-D, which governs this approval process, requires SCE to request a written position statement from the cities and counties through which the proposed project will traverse regarding the project, and to include those position statements in the application. The purpose of this letter is to request from you a written position statement regarding this project.

The enclosed Fact Sheet was mailed to residents and other interested parties within the project vicinity in the City of Palm Desert. Briefly, Electrical demand in the Coachella Valley and the unincorporated areas of Riverside County is growing and will exceed Southern California Edison's (SCE) capacity to serve this area, especially during peak periods on hot days. To meet the areas increasing electrical demand and to improve electric reliability in the area, SCE proposes to construct the Devers-Mirage Project. Devers-Mirage includes the following primary components:

- Construction of a new, 115 kV subtransmission line from the Mirage Substation.
- Replacing an existing single-circuit with a double-circuit 115 kV subtransmission line in Palm Springs.
- Installing an additional 220/115 kV transformer at Mirage Substation, and
- Installing additional equipment at the surrounding neighborhood substations.

More detailed information on the project is included in the enclosed Fact Sheet.

We ask you to review the project information and send us a written statement from the City of Palm Desert regarding the project by November 30, 2007 for inclusion in the CPUC application. I have provided examples of such letters SCE has received from cities and counties on other projects for your reference and use. Of course, I am available to discuss this project further and to answer any questions the City of Palm Desert may have beforehand, if you wish.

Thank you for your cooperation.

Sincerely,

Kathleen DeRosa  
Public Affairs Manager  
Palm Springs Service Center



Pax 14211 Fax 14136  
(760) 202-4211 Fax (760)202-4136  
internet: derosakj@sce.com



DMSP FINAL Fact Sheet (10-11-07).pdf



sample position sub.pdf

November 20, 2007

Marcus Fuller  
Assistant Director of Public Works  
City of Palm Springs  
3200 Tahquitz Canyon Drive  
Palm Springs, CA 92263-2743

Dear Marcus:

As Dave Lowerison and I discussed during our recent meeting with you on November 8th, Southern California Edison Company (SCE) will be filing an application with the California Public Utilities Commission (CPUC) for authority to build the Devers-Mirage 115 kV System Split Project, a portion of which is proposed to be constructed in Palm Springs.

CPUC General Order 131-D, which governs this approval process, requires SCE to request a written position statement from the cities and counties through which the proposed project will traverse, and to include those position statements in the application. The purpose of this letter is to request from you a written position statement regarding this project.

The enclosed Fact Sheet was mailed to residents and other interested parties within the project vicinity in Palm Springs. Briefly, Electrical demand in the Coachella Valley and the unincorporated areas of Riverside County is growing and will exceed Southern California Edison's (SCE) capacity to serve this area, especially during peak periods on hot days. To meet the areas increasing electrical demand and to improve electric reliability in the area, SCE proposes to construct the Devers-Mirage Project. Devers-Mirage includes the following primary components:

- Construction of a new, 115 kV subtransmission line from the Mirage Substation.
- Replacing an existing single-circuit with a double-circuit 115 kV subtransmission line in Palm Springs.
- Installing an additional 220/115 kV transformer at Mirage Substation, and
- Installing additional equipment at the surrounding neighborhood substations.

More detailed information on the project is included in the enclosed Fact Sheet.

We ask you to review the project information and send us a written statement from the City of Palm Springs regarding the project by November 30, 2007 for inclusion in the CPUC application. I am available to discuss this project further and to answer any questions the City may have beforehand, if you wish.

Thank you for your cooperation.

Sincerely,

Lin Juniper  
Region Manager

Kathleen DeRosa/SCE/EIX

To patrickp@ci.rancho-mirage.ca.us

11/16/2007 03:25 PM

cc

bcc

Subject Devers-Mirage 115 kV System Split Project



FOR INTERNAL USE ONLY

Dear Pat:

As we discussed during our recent meeting with you, Southern California Edison Company (SCE) will be filing an application with the California Public Utilities Commission (CPUC) for authority to build the Devers-Mirage 115 kV System Split Project, a portion of which is proposed to be constructed in the City of Rancho Mirage.

CPUC General Order 131-D, which governs this approval process, requires SCE to request a written position statement from the cities and counties through which the proposed project will traverse regarding the project, and to include those position statements in the application. The purpose of this letter is to request from you a written position statement regarding this project.

The enclosed Fact Sheet was mailed to residents and other interested parties within the project vicinity in the City of Rancho Mirage. Briefly, Electrical demand in the Coachella Valley and the unincorporated areas of Riverside County is growing and will exceed Southern California Edison's (SCE) capacity to serve this area, especially during peak periods on hot days. To meet the areas increasing electrical demand and to improve electric reliability in the area, SCE proposes to construct the Devers-Mirage Project. Devers-Mirage includes the following primary components:

- Construction of a new, 115 kV subtransmission line from the Mirage Substation.
- Replacing an existing single-circuit with a double-circuit 115 kV subtransmission line in Palm Springs.
- Installing an additional 220/115 kV transformer at Mirage Substation, and
- Installing additional equipment at the surrounding neighborhood substations.

More detailed information on the project is included in the enclosed Fact Sheet.

We ask you to review the project information and send us a written statement from the City of Rancho Mirage regarding the project by November 30, 2007 for inclusion in the CPUC application. I have provided examples of such letters SCE has received from cities and counties on other projects for your reference and use. Of course, I am available to discuss this project further and to answer any questions the City/County may have beforehand, if you wish.

Thank you for your cooperation.

Sincerely,

Kathleen DeRosa  
Public Affairs Manager  
Palm Springs Service Center



November 30, 2007

George Johnson  
Director of Transportation  
County of Riverside  
4080 Lemon St. 8<sup>th</sup> Floor  
Riverside, CA 92501

Dear Mr. Johnson:

As we discussed during our recent meeting with you, Southern California Edison Company (SCE) will be filing an application with the California Public Utilities Commission (CPUC) for authority to build the Devers-Mirage 115 kV System Split Project, a portion of which is proposed to be constructed in the County of Riverside.

CPUC General Order 131-D, which governs this approval process, requires SCE to request a written position statement from the cities and counties through which the proposed project will traverse regarding the project, and to include those position statements in the application. The purpose of this letter is to request from you a written position statement regarding this project.

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- Replacing an existing single-circuit with a double-circuit 115 kV subtransmission line in Palm Springs.



- Installing an additional 220/115 kV transformer at Mirage Substation, and
- Installing additional equipment at the surrounding neighborhood substations.

More detailed information on the project is included in the enclosed Fact Sheet.

We ask you to review the project information and send us a written statement from the County of Riverside regarding the project by November 30, 2007 for inclusion in the CPUC application. I have provided examples of such letters SCE has received from cities and counties on other projects for your reference and use. Of course, I am available to discuss this project further and to answer any questions the County of Riverside may have beforehand, if you wish.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read 'LBD', with a large loop on the left side.

Louis B. Davis  
Region Manager

LBD:me



November 30, 2007

Ron Goldman, Planning Director  
County of Riverside  
4080 Lemon St. 9<sup>th</sup> Floor  
Riverside, CA 92501

Dear Mr. Goldman:

As we discussed during our recent meeting with you, Southern California Edison Company (SCE) will be filing an application with the California Public Utilities Commission (CPUC) for authority to build the Devers-Mirage 115 kV System Split Project, a portion of which is proposed to be constructed in the County of Riverside.

CPUC General Order 131-D, which governs this approval process, requires SCE to request a written position statement from the cities and counties through which the proposed project will traverse regarding the project, and to include those position statements in the application. The purpose of this letter is to request from you a written position statement regarding this project.

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- Replacing an existing single-circuit with a double-circuit 115 kV subtransmission line in Palm Springs.

- Installing an additional 220/115 kV transformer at Mirage Substation, and
- Installing additional equipment at the surrounding neighborhood substations.

More detailed information on the project is included in the enclosed Fact Sheet.

We ask you to review the project information and send us a written statement from the County of Riverside regarding the project by November 30, 2007 for inclusion in the CPUC application. I have provided examples of such letters SCE has received from cities and counties on other projects for your reference and use. Of course, I am available to discuss this project further and to answer any questions the County of Riverside may have beforehand, if you wish.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "LBD", written over a large, stylized circular flourish.

Louis B. Davis  
Region Manager

LBD:me

November 30, 2007

Supervisor Roy Wilson  
County of Riverside  
4080 Lemon St. 5<sup>th</sup> Floor  
Riverside, CA 92501

Dear Supervisor Wilson:

As we discussed during our recent meeting with you, Southern California Edison Company (SCE) will be filing an application with the California Public Utilities Commission (CPUC) for authority to build the Devers-Mirage 115 kV System Split Project, a portion of which is proposed to be constructed in the County of Riverside.

CPUC General Order 131-D, which governs this approval process, requires SCE to request a written position statement from the cities and counties through which the proposed project will traverse regarding the project, and to include those position statements in the application. The purpose of this letter is to request from you a written position statement regarding this project.

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- Replacing an existing single-circuit with a double-circuit 115 kV subtransmission line in Palm Springs.

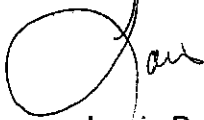
- Installing an additional 220/115 kV transformer at Mirage Substation, and
- Installing additional equipment at the surrounding neighborhood substations.

More detailed information on the project is included in the enclosed Fact Sheet.

We ask you to review the project information and send us a written statement from the County of Riverside regarding the project by November 30, 2007 for inclusion in the CPUC application. I have provided examples of such letters SCE has received from cities and counties on other projects for your reference and use. Of course, I am available to discuss this project further and to answer any questions the County of Riverside may have beforehand, if you wish.

Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Louis B. Davis". The signature is stylized with a large, looped initial "L" and a cursive "B. Davis".

Louis B. Davis  
Region Manager

LBD:me



**Dave Lowerison/SCE/EIX**  
12/07/2007 02:21 PM

To Bonifacio Santacruz/SCE/EIX@SCE  
cc  
bcc  
Subject Fw: Whitewater River Project, vicinity of SCE right-of-way



**FOR INTERNAL USE ONLY**

----- Forwarded by Dave Lowerison/SCE/EIX on 12/07/2007 02:21 PM -----



**"Van Dorpe, David M SPL"**  
<David.M.VanDorpe@spl01.usace.army.mil>  
09/04/2007 02:37 PM

To <loweriwd@sce.com>, "Malette, Frank B SPL"  
<Frank.B.Malette@spl01.usace.army.mil>  
cc "Georgia Celehar" <gcelehar@cvwd.org>  
Subject Whitewater River Project, vicinity of SCE right-of-way

Dave;

Please see the attached image which shows the overall picture of our Whitewater River Basin (aka Thousand Palms) project. There are four levees (blue lines), the lower ones having a channel as well. The red lines were the levee alignments first proposed in our feasibility study (circa 2000).

Frank;

Can you please provide a design drawings (latest Autocad format) that shows the alignment of Levee #1, near the SCE utility corridor? Thanks. Please forward to Mr. Dave Lowerison, PM with SCE at the email address above. Thanks.

<<WWRB, current & CVWD alignments 2004 12 14.jpg>>

Sincerely,

David M. Van Dorpe, P.E.  
Project Manager  
US Army Corps of Engineers  
david.m.vandorpe@usace.army.mil  
(213) 452-3998



(213) 280-8572 (m) WWRB, current & CVWD alignments 2004 12 14.jpg



# Devers-Mirage 115kV Subtransmission System Split Project BLM-SCE Meeting Summary

**MEETING DATE:** May 10, 2007

**MEETING LOCATION:** Bureau of Land Management Office, Palm Springs, CA

**PURPOSE:** A follow-up meeting with the Bureau of Land Management (BLM) to present and discuss the Devers-Mirage 115kV Subtransmission System Split Project and to determine Environmental Assessment (EA) requirements.

**PARTICIPANTS:**

<u>Name</u>	<u>Organization</u>
Diane Gomez	BLM, Real Estate Specialist
Wanda Raschkow	BLM, Archaeologist
Dave Lowerison	SCE, TDBU Project Manager
Laura Verdugo	SCE, CRE
Manuel Gurrola	SCE, EH&S Environmental Coordinator
Maija Benjamins	SCE, EH&S Biologist
Rob Franzo	SCE, TDBU Subtransmission Estimator
Philippe Lapin	SCE, EH&S Archaeologist
Cary Roberts	EPG, PEA Consultant
Mickey Siegel	EPG, PEA Consultant

**MATERIALS PROVIDED:** EPG's Condensed Version of SCE's Proponent's Environmental Assessment (PEA) Project Description and the PEA's Chapter 2, Alternative Farrell-Garnet 115 kV route for affected BLM land.

**ISSUES DISCUSSED:**

- Diane Gomez (BLM) will prepare the EA for the Farrell-Garnet 115kV Subtransmission Line segment on BLM land. She will require 60 to 80 days for EA preparation after receipt of complete SCE information.
- On BLM land, the project will require approximately four (4) double-circuit, Light Weight Steel (LWS) poles and one (1) Tubular Steel Pole, with a total span length of approximately 750 feet. The pole adjacent to the existing railroad right-of-way will be an engineered TSP that typically requires a 20-25 foot deep footing. SCE will require a railroad permit to cross the Union Pacific Railroad in the same location as the existing railroad crossing.

- The existing wood poles will be removed entirely after the new poles are installed.
- SCE will provide more detailed construction information, including pole diagram/drawings, photos, and the draft PEA to Diane Gomez.
- The biological assessment (BA) will cover the entire project, i.e. both 115 kV subtransmission lines and line segment work at the three intersections [NOTE: also includes the 220 kV transmission line loop-in at Mirage Substation – see December 10, 2007 letter to BLM].
- The US Fish and Wildlife Service (USFWS) representative has reviewed the BA.
- SCE is currently preparing a response to the USFWS letter regarding the BA. The response will include more detailed information on Fringe-toed lizard handling and monitoring.
- All communication with BLM will be through Laura Verdugo
- SCE will not use BLM Land for staging and lay down areas
- Existing access roads will be used for construction and maintenance
- Construction is anticipated to begin in September 2008 and will conclude in Spring 2009 [NOTE: new schedule is second quarter 2009 and will conclude by mid-2010 - see December 10, 2007 letter to BLM]
- There are no cultural resources, including historic properties, on the BLM portion of the project.
- The BLM area is recent alluvium, therefore, no paleontological resources will be impacted
- Letters were sent to all tribes in the area. The tribal correspondence, cultural report, and paleontology report were provided to the BLM.





December 10, 2007

Bureau of Land Management  
Attn: Diane Gomez  
690 W. Garnet Ave.  
N. Palm Springs, CA 92258-1260

Subject: Southern California Edison's Devers-Mirage 115 Kilovolt (kV)  
Subtransmission System Split Project – Update

Dear Diane,

Southern California Edison (SCE) is preparing to submit our application for a Permit to Construct with our Proponent's Environmental Assessment (PEA) for the subject project. Per our meeting with your office in May 2007, SCE is enclosing our revised DRAFT Purpose and Need (Chapter 1), DRAFT Project Alternatives (Chapter 2), and DRAFT Project Description (PEA: Chapter 3) for your review and use.

Since our last meeting at your office, SCE has included additional scope for this project with an approximate 0.8 mile loop-in of our 220 kV transmission line into our Mirage Substation (See PEA Chapter 3, Figure 3.3-1). Additionally, due to the increase in this scope of work, we have revised our construction schedule to begin second quarter 2009 following the receipt of all project approvals and complete by mid-2010.

Please contact my office at 909-944-4413, should you require further assistance or information.

Sincerely,

A handwritten signature in cursive script, appearing to read "Laura L. Verdugo".

Laura L. Verdugo  
Southern California Edison  
Corporate Real Estate – Land Services Agent  
9500 Cleveland Av, 3rd Floor  
Rancho Cucamonga, CA 91730

Enclosure: SCE DRAFT PEA-Chapters 1, 2 and 3  
SCE Proposed Project Fact Sheet



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Agua Caliente Band of Cahuilla Indians  
Richard Begay, THPO Director  
650 Tahquitz Canyon Way  
Palm Springs, CA 92262

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Mr. Begay:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

**PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office



## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line



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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures





November 21, 2007

Philippe Lapin, MA, PRA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety  
P.O. Box 800  
Rosemead, CA 91770

**RE: Consultation/Comments for the Proposed Devers-Mirage 115kV System Split Project, Palm Springs and Agua Caliente Indian Reservation, Riverside County, CA**

Dear Mr. Lapin:

The Agua Caliente Band of Cahuilla Indians appreciates your efforts to include the Tribal Historic Preservation Office (THPO) in your project. Portions of the proposed project area identified above are located within the Agua Caliente Indian Reservation boundaries. I have searched our records and find several recorded cultural resources either within the project boundary or the immediate vicinity. Based on this information and the project location, the Agua Caliente THPO requires the following:

1. An Archaeologist and Approved Cultural Resource Monitor(s) must be present during any ground disturbing activities by the developer and/or any archaeological testing. Should buried cultural deposits be encountered, the Monitor may request that destructive construction halt and the Monitor shall notify a Qualified (Secretary of the Interior's Standards and Guidelines) Archaeologist to investigate and, if necessary, prepare a mitigation plan for submission to the State Historic Preservation Officer and the Agua Caliente Tribal Historic Preservation Officer.
2. Please provide two (2) copies of all cultural resource documentation (reports and site records), including any site records, survey reports (one copy bound, one loose) generated in connection with this project, other reports of investigations, record search results, maps, and site records/updates, shall also be forwarded to the THPO. Any records forwarded to the Tribe will be permanently curated in the Agua Caliente Cultural Register.
3. Additionally, in accordance with State law, the County Coroner should be contacted if any human remains are found during earthmoving activities. In this circumstance destructive activity in the immediate vicinity shall halt and the County Coroner shall be contacted pursuant to State Health and Safety Code §7050.5. If the remains are determined to be of Native American origin, the Native American Heritage Commission (NAHC) shall be contacted. The NAHC will make a determination of the Most Likely Descendent (MLD). SCE and the lead agency (appropriate city or Riverside County) will work with the designated MLD to determine the final disposition of the remains.



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Again, the Agua Caliente Tribe appreciates your interest in our cultural heritage. If you have questions or require additional information, please call me at (760) 699-6907. You may also email me at [ptuck@aguacaliente.net](mailto:ptuck@aguacaliente.net).

Cordially,

Patricia Tuck  
Archaeologist  
Department of Historic Preservation  
**AGUA CALIENTE BAND OF CAHUILLA INDIANS**

C: Agua Caliente Cultural Register  
Leslie Mouriquand, Riverside County Archaeologist

X:\CONSULTATIONS Letters\2007\External\Traditional Use Area\ SCE\_DeversMirage115kV\_11-21-07





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Alvino Siva  
2034 W. Westward  
Banning, CA 92220

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Mr. Siva:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

#### **PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office

## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line would rise up, continue overhead across I-10, and utilize an idle line section to the corner of





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Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures



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Anthony J. Andreas Jr.  
3022 W. Nicolet Street  
Banning, CA 92220

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Mr. Andreas:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

#### **PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office



## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

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### Mirage-Santa Rosa 115kV Transmission Line Segment

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**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line would rise up, continue overhead across I-10, and utilize an idle line section to the corner of



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Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

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For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures





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Augustine Band of Cahuilla Mission Indians  
Mary Ann Green, Chairperson  
P.O. Box 846  
Coachella, CA 92236

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Ms. Green:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

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## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

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Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures



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Augustine Band of Cahuilla Mission Indians  
Karen Kupcha, Tribal Administrator  
P.O. Box 846  
Coachella, CA 92236

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Ms. Kupcha:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

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The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office



## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line



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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures



Cabazon Band of Mission Indians  
John A. James, Chairperson  
84245 Indio Springs Parkway  
Indio, CA 92203-3499

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Mr. James:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

#### **PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office

## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line





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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures



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Cabazon Band of Mission Indians  
Judy Stapp, Director of Cultural Affairs  
84-245 Indio Springs Parkway  
Indio, CA 92203-3499

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Ms. Stapp:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

**PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office

## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line





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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin", followed by a long horizontal line extending to the right.

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures



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Morongo Band of Mission Indians  
Britt W. Wilson, Cultural Resource Coordinator  
245 N Murray Street, Suite C  
Banning, CA 92220

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Mr. Wilson:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

#### **PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office

## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

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### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

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For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures



# Jones & Stokes

9 October 2007

Mr. David Singleton  
Native American Heritage Commission  
915 Capitol Mall  
Sacramento, CA 95814

Subject: Cultural Resource Survey for Devers-Coachella 220 kV Loop In at Mirage Substation, Thousand Palms, Riverside County, California

Dear Mr. Singleton:

This letter is a request for a review of your Sacred Lands File for the project area described below. This project involves installation, operation, and maintenance of a reconfigured loop-in of the Devers-Coachella 220 kV circuit into the Mirage Substation in Thousand Palms, Riverside County, California. Two existing transmission lines link Mirage Substation to the high voltage transmission line corridor located 0.75 miles to the north. SCE proposes to construct a third alignment parallel to the west. The area of potential impact (API) includes all acreage within the existing corridor and 200 ft. either side of centerline for the proposed new alignments, estimated at approximately 52 acres in size

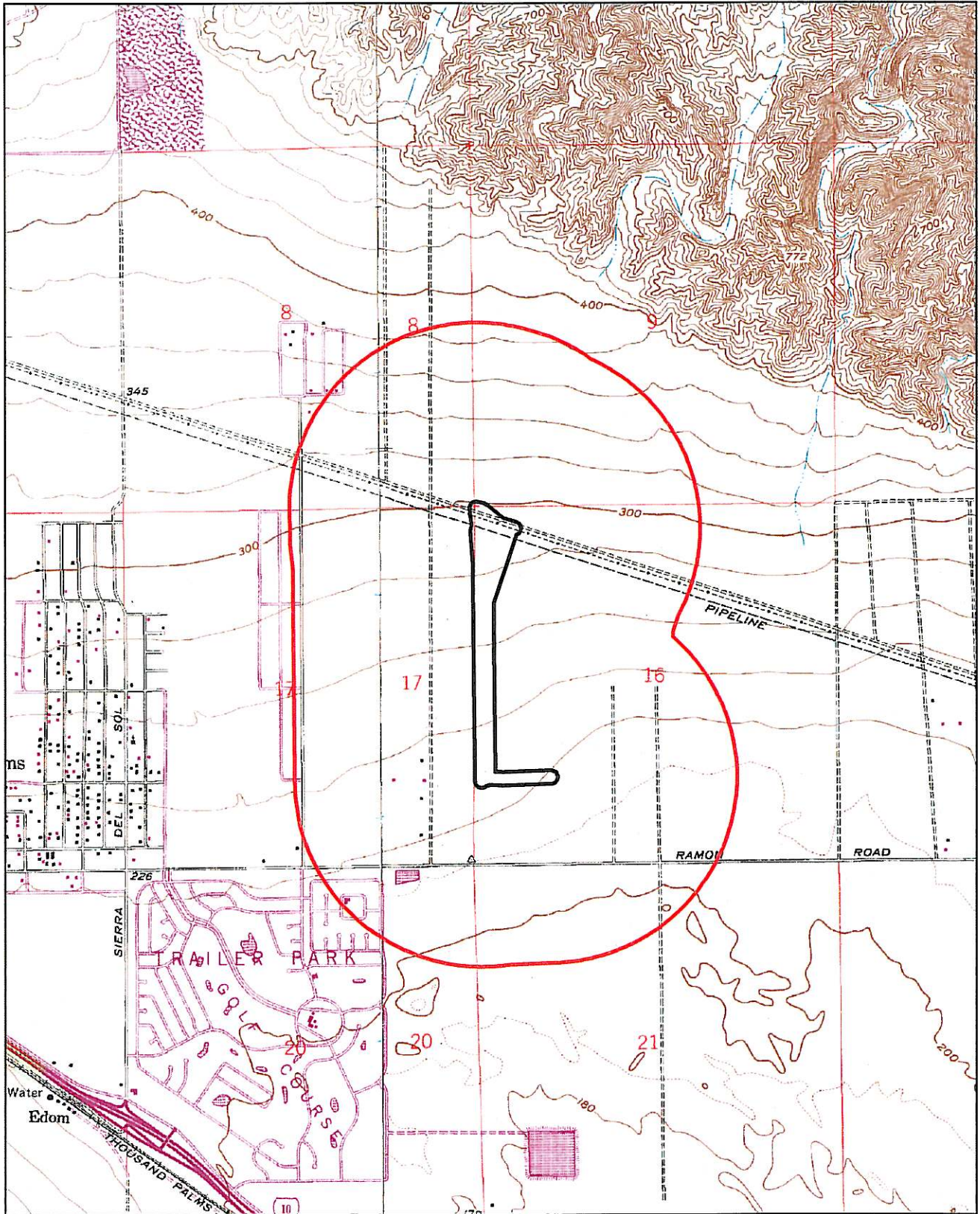
## Area of Concern

The area of concern for this project is shown on the map enclosure and is located on the USGS Myoma, California 7.5 minute quadrangle: in the northwest one-quarter of Section 16, Township 4 South, Range 6 East, San Bernardino Base and Meridian.

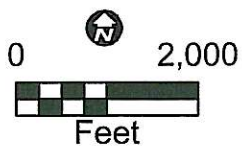
Any information that you can provide regarding Sacred Lands and Native American contacts will be appreciated and put to proper use. Thank you.

William T. Eckhardt  
Senior Archaeologist

Enclosure: Portions of the Myoma and Cathedral City USGS quadrangles showing the proposed project area of potential impact.



Source: Myoma and Cathedral City USGS 7.5' Quadrangles



**Area of Potential Impact  
06429.06**

Date: 10/01/07





# Mooney • Jones & Stokes

15 June 2006

Mr. Rob Wood  
Native American Heritage Commission  
915 Capitol Mall  
Room 364  
Sacramento, California 95814

Re: Cultural Resource Identification Study for Southern California Edison Proposed Devers to Mirage 115 kV Sub-Transmission Line Project, Riverside County, California

Dear Mr. Wood:

This letter is a request for a review of your Sacred Lands files for the area described below. The proposed developments consist of two principal areas within the Coachella Valley, Riverside County. I am serving as the consulting archaeologist for the above referenced project, and I am initiating records search, background research, and reconnaissance of the project area this month, June 2006. Any information that you can provide regarding Sacred Lands and Native American contacts will be appreciated.

## **Areas of Concern**

An approximate 22.5 miles of potential routes for a new 115 kV transmission line between SCE substations at Garnet (Indian Canyon Drive and Interstate 10), and Farrell (Gene Autry Trail and Chino Vista), in northwestern Coachella Valley. Project locations include portions of the Desert Hot Springs, Seven Palms Valley, Cathedral City, and Palm Springs, California 7.5-minute quadrangles. Potential routes for this proposal include portions of the following sections, townships, and ranges, all within the San Bernardino Base and Meridian:

- Sections 23, 24, 25, 26, 35, & 36, Township 3 South, Range 4 East
- Sections 30 & 31, Township 3 South, Range 5 East
- Sections 1 & 2, Township 4 South, Range 4 East
- Section 6, Township 4 South, Range 5 East

An approximate 1.5 miles of 115 kV transmission line rebuild and 25.5 miles of potential routes for placement of telecommunication cable between SCE substations at Mirage (Ramon Road 1 mile east of Monterey Avenue) and Concho (Country Club Drive one-quarter mile east of El Dorado Drive) in central Coachella Valley. Project locations include portions of the Cathedral City and Myoma, California 7.5-minute quadrangles. Potential routes for this proposal include portions of the following sections, townships, and ranges, all within the San Bernardino Base and Meridian:

- Sections 20, 21, 28, 29, 33, & 34, Township 4 South, Range 6 East
- Sections 2 & 3, Township 5 South, Range 6 East

If you have need for further information please contact me at your convenience. I invite you to return the results of this inquiry to me by facsimile; please send the results to fax 858.578.0578. Thank you.

William T. Eckhardt



# Jones & Stokes

15 May 2007

Mr. David Singleton  
Native American Heritage Commission  
915 Capitol Mall  
Sacramento, CA 95814

Subject: Additional Devers-Mirage Surveys for cultural resources assessment of Devers-Mirage Subtransmission Line Project

Dear Mr. Singleton:

This letter is a request for a review of your Sacred Lands File for the project areas described below. This project involves pole replacements and circuit realignments for 2 subtransmission line reconfigurations, and construction of additional transmission, transformer, and capacitor equipment at 10 existing Southern California Edison (SCE) substations. All project locations are within the Coachella Valley, Riverside County, California. Southern California Edison Company (SCE) proposes to construct the Devers-Mirage 115 kV System Split Project to maintain electric system reliability and serve projected electrical demand in the Electrical Needs Area.

### Areas of Concern

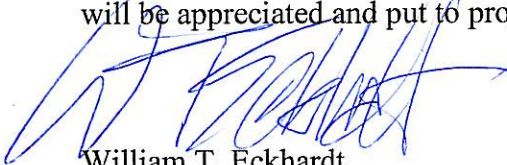
The areas of concern for this project are shown on the map enclosure (accompanying pdf) and described here in Table 1.

Table 1. Additional Devers-Mirage Surveys for 115kV Subtransmission Line Project

Project Area	Street Address	USGS Quad	Township/Range	Section
Devers Substation	62030 16 Ave. Palm Springs CA 92258	Desert Hot Springs Ca	3 south, 4 east	4
Garnet Substation	Garnet Ave. E of Indian Canyon Ave. Palm Springs CA 92258	Desert Hot Springs Ca	3 south, 4 east	23
Thornhill Substation	655 Calle Amigos Palm Springs CA 92262	Palm Springs Ca	4 south, 4 east	23
Farrell Substation	Executive Dr. N of Vista Chino Rd. Palm Springs CA 92262	Palm Springs Ca	4 south, 5 east	6
Eisenhower Substation	SW corner Mesquite & Gene Autry Tr. Palm Springs CA 92264	Cathedral City Ca	4 south, 5 east	19
Tamarisk Substation	Plumley Rd W of Converse, Cathedral City CA 92234	Cathedral City Ca	4 south, 5 east	27
Intersection	Date Palm & Varner	Cathedral City Ca	4 south, 5 east	34
Intersection	Bob Hope & Dinah Shore	Cathedral City Ca	4 south 6 east	19
Mirage Substation	N of Ramon Rd. W of Vista de Oro, Thousand Palms CA 92276	Myoma Ca	4 south 6 east	16
Concho Substation	76055 Country Club Dr. Palm Desert CA 92211	Myoma Ca	5 south, 6 east	11
Santa Rosa Substation	NW of Monterey Ave & Clancy Ln. Rancho Mirage CA 92270	Rancho Mirage Ca	5 south, 6 east	7
Indian Wells Substation	75-450 Fred Waring Dr. Indian Wells CA 92211	La Quinta Ca	5 south, 6 east	15

Mr. David Singleton  
15 May 2007  
Page 2

Any information that you can provide regarding Sacred Lands and Native American contacts will be appreciated and put to proper use. Thank you.



William T. Eckhardt  
Senior Archaeologist

Enclosure: Map of additional Surveys showing project locations on portions of USGS quadrangles Desert Hot Springs, Palm Springs, Cathedral City Myoma Rancho Mirage, and La Quinta California



STATE OF CALIFORNIA

Arnold Schwarzenegger, Governor

**NATIVE AMERICAN HERITAGE COMMISSION**

915 CAPITOL MALL, ROOM 864  
 SACRAMENTO, CA 95814  
 (916) 653-6251  
 Fax (916) 657-5990  
 Web Site [www.nahc.ca.gov](http://www.nahc.ca.gov)  
 e-mail: [ds\\_nahc@pacbell.net](mailto:ds_nahc@pacbell.net)



May 21, 2007

Mr. William T. Eckhardt, Senior Archaeologist

**Jones & Stokes**

9775 Businesspark Avenue, Suite 200  
 San Diego, CA 92131

Sent by FAX to: 858-578-0578

Number of pages: 3

**Re: Cultural Resource Identification Study/Sacred Lands File Search for Proposed Southern California Edison Pole Replacement and Circuit Realignment for two Subtransmission Stations and Construction of additional Transmission, Transformers and Capacitor Equipment at 10 Additional Substations: located in Desert Hot Springs, Palm Springs, Cathedral City, Myoma, Rancho Mirage, and La Quinta communities; Riverside County, California**

Dear Mr. Eckardt:

The Native American Heritage Commission was able to perform a record search of its Sacred Lands File (SLF) for the affected project area. The SLF Search did indicate the presence of Native American cultural resources in several of the immediate project areas. Also the absence of specific site information in the Sacred Lands File does not guarantee the absence of cultural resources in any 'areas of the potential effect (APE).'

Early consultation with Native American tribes in your area is the best way to avoid unanticipated discoveries once a project is underway. Enclosed are the nearest tribes that may have knowledge of cultural resources in the project area. In particular, we recommend that you contact Richard Begay of the Agua Caliente Band of Cahuilla Indians whose tribe provided the documentation of cultural resources in the APE. In addition, a list of Native American contacts are attached to assist you. The Commission makes no recommendation of a single individual or group over another. It is advisable to contact the persons listed; if they cannot supply you with specific information about the impact on cultural resources, they may be able to refer you to another tribe or person knowledgeable of the cultural resources in or near the affected project areas (APE).

Lack of surface evidence of archeological resources does not preclude the existence of archeological resources. Lead agencies should consider avoidance, as defined in Section 15370 of the California Environmental Quality Act (CEQA) when significant cultural resources could be affected by a project. Also, Public Resources Code Section 5097.98 and Health & Safety Code Section 7050.5 provide for provisions for accidentally discovered archeological resources during construction and mandate the processes to be followed in the event of an accidental discovery of any human remains in a project location other than a 'dedicated cemetery. Discussion of these should be included in your environmental documents, as appropriate.

If you have any questions about this response to your request, please do not hesitate to contact me at (916) 653-6251.

Sincerely,

*[Signature]*  
 Dave Singleton  
 Program Analyst

Attachment: Native American Contact List

D-86

**Native American Contacts**  
**Riverside County**  
**May 21, 2007**

**Cabazon Band of Mission Indians**  
**John A. James, Chairperson**  
**84-245 Indio Springs Parkway Cahuilla**  
**Indio , CA 92203-3499**  
**(760) 342-2593**  
**(760) 347-7880 Fax**

**Twenty-Nine Palms Band of Mission Indians**  
**Mike Darrell, Chairperson**  
**46-200 Harrison Place Chemehuevi**  
**Coachella , CA 92236**  
**tribal-epa@worldnet.att.net**  
**(760) 775-5566**  
**(760) 775-4639 Fax**

**Cahuilla Band of Indians**  
**Anthony Madrigal, Jr., Interim-Chairperson**  
**P.O. Box 391760 Cahuilla**  
**Anza , CA 92539**  
**tribalcouncil@cahuilla.net**  
**(951) 763-2631**  
  
**(951) 763-2632 Fax**

**Santa Rosa Band of Mission Indians**  
**John Marcus, Chairman**  
**P.O. Box 609 Cahuilla**  
**Hemet , CA 92546**  
**srtribaloffice@aol.com**  
**(951) 658-5311**  
**(951) 658-6733 Fax**

**Soboba Band of Mission Indians**  
**Robert J. Salgado, Sr., Chairperson**  
**P.O. Box 487 Luiseno**  
**San Jacinto , CA 92581**  
**varres@soboba-nsn.gov**  
**(951) 654-2765**  
**(951) 654-4198 - Fax**

**Augustine Band of Cahuilla Mission Indians**  
**Mary Ann Green, Chairperson**  
**P.O. Box 846 Cahuilla**  
**Coachella , CA 92236**  
**(760) 369-7171**  
**760-369-7161**

**Torres-Martinez Desert Cahuilla Indians**  
**Raymond Torres, Chairperson**  
**PO Box 1160 Cahuilla**  
**Thermal , CA 92274**  
**rtorress@torresmartinez.com**  
**(760) 397-0300**  
**(760) 397-8146 Fax**

**Morongo Band of Mission Indians**  
**Britt W. Wilson, Cultural Resources-Project Manager**  
**49750 Seminole Drive Cahuilla**  
**Cabazon , CA 92230 Serrano**  
**britt\_wilson@morongo.org**  
**(951) 755-5206**  
**(951) 755-5200/323-0822-cell**  
**(951) 922-8146 Fax**

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American with regard to cultural resources for the proposed Southern California Edison Pole Replacements and Circuit Realignments for 2 Subtransmission Stations and Construction of additional Transmission, Transformer and Capacitor Equipment at 10 additional substations; 12 in all in the Coachella Valley (Desert Hot Springs, Palm Springs, Cathedral City, Murietta, Rancho Mirage and La Quinta - Riverside County, CA

**Native American Contacts  
Riverside County  
May 21, 2007**

Torres-Martinez Desert Cahuilla Indians  
William J. Contreras, Cultural Resources Coordinator  
P.O. Box 1160 Cahuilla  
Thermal, CA 92274  
(760) 397-0300  
(760) 275-2686-CELL  
(760) 397-8146 Fax

Agua Caliente Band of Cahuilla Indians  
Richard Milanovich, Chairperson  
650 Tahquitz Canyon Way Cahuilla  
Palm Springs, CA 92262  
lfreogoz@aguacaliente.net  
(760) 325-3400  
(760) 325-0593 Fax

Agua Caliente Band of Cahuilla Indians THPO  
Richard Begay, Tribal Historic Preservation Officer  
650 Tahquitz Canyon Way Cahuilla  
Palm Springs, CA 92262  
rbegay@aguacaliente.net  
(760) 883-1368  
(760) 883-1940- Fax

Cahuilla Band of Indians  
Maurice Chacon, Cultural Resources  
P.O. Box 391760 Cahuilla  
Anza, CA 92539  
cbandodian@aol.com  
(951) 763-2631  
  
(951) 763-2632 Fax

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.96 of the Public Resources Code.

This list is only applicable for contacting local Native American with regard to cultural resources for the proposed Southern California Edison Pie Replacements and Circuit Realignments for 2 Subtransmission Stations and Construction of additional Transmission, Transformer and Capacitor Equipment at 10 additional substations; 12 in all in the Coachella Valley (Desert Hot Springs, Palm Springs, Cathedral City, Murres, Rancho Mirage and La Quinta - Riverside County, CA



Ramona Band of Mission Indians  
P.O. Box 1291  
Yucca Valley, CA 92286

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

To Whom It May Concern:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

**PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office

## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line would rise up, continue overhead across I-10, and utilize an idle line section to the corner of



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Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures





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Santa Rosa Band of Mission Indians  
Terry Hughes, Tribal Administrator  
P.O. Box 609  
Hemet, CA 92546

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Mr. Hughes,

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

#### **PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office

P.O. Box 800  
2244 Walnut Grove Ave.  
Rosemead, CA 91770

## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line



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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures



Torres-Martinez Desert Cahuilla Indians  
Ernest Morreo  
P.O. Box 1160  
Thermal, CA 92274

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System  
Split Project.**

Dear Mr. Morreo:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

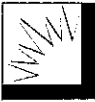
A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

#### **PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office



## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'Philippe Lapin'.

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures





An EDISON INTERNATIONAL® Company

Torres-Martinez Desert Cahuilla Indians  
Raymond Torres, Chairperson  
P.O. Box 1160  
Thermal, CA 92274

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System Split Project.**

Dear Mr. Torres:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

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#### **PROJECT DESCRIPTION:**

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- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
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- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office



## **ROUTE ALTERNATIVES:**

### **Farrell-Garnet 115kV Transmission Line Segment**

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### **Mirage-Santa Rosa 115kV Transmission Line Segment**

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line



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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

**Alternate Route #2:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Dinah Shore Dr. At this location, the line would rise up and tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'Philippe Lapin', followed by a large, stylized flourish or checkmark.

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures





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Torres-Martinez Desert Cahuilla Indians  
William J. Contreras, Cultural Resources Coordinator  
P.O. Box 1160  
Thermal CA 92274

October 18, 2006

**SUBJECT: Native American Consultation regarding the Devers-Mirage 115 kV System  
Split Project.**

Dear Mr. Contreras:

Southern California Edison (SCE) proposes upgrade electrical facilities in the Coachella Valley in order to maintain safe and reliable service to customers, and to meet forecasted demand for electricity. The project is described below. At the recommendation of the Native American Heritage Commission (NAHC), SCE requests your input regarding the identification of potential effects to cultural resources, sacred lands or other heritage sites within the project area.

A record search and survey of the project area has indicated that the proposed line that extends from the Mirage Substation south to Interstate 10, is in the vicinity of one previously recorded prehistoric archaeological site (CA-RIV-785), two newly discovered prehistoric archaeological sites (TGC-1 and TGC-2), and one Isolate (TGC-3). Additionally, the Sacred Lands search completed by the Native American Heritage Commission states that a Native American Cultural Resource (Garnet Hill) may be located within the project area.

Based on the location of the known cultural resources and project activities that will occur in those areas, it is our judgment that the project will have no direct effect on known archaeological or historical resources.

#### **PROJECT DESCRIPTION:**

The Proposed Project includes the following components:

- Construction of two 115 kilovolt (kV) segments. The Garnet to Farrell 115kV transmission line segment would extend from the Garnet Substation to the Farrell Substation, requiring approximately 5.2 miles of upgrade from the existing single-circuit to new double-circuit structures. The Mirage to Santa Rosa segment would extend from Mirage Substation to the Interstate 10 highway, requiring approximately 1.5 miles of line upgrades to complete the circuit between the Mirage and Santa Rosa substations.
- Modifications to various bus positions and switches at multiple substations to split the Devers-Mirage 115kV System
- Modifications to the Mirage Substation, including the addition of a third "A" bank
- Construction of a 48-strand fiber-optic cable from Mirage Substation to the Palm Springs District Office

## ROUTE ALTERNATIVES:

### Farrell-Garnet 115kV Transmission Line Segment

**Proposed Route:** Starting at Farrell Substation the double circuit line would be built east of the existing Eisenhower-Farrell 115kV line at the edge of the expanded Gene Autry Trail easement and would continue to follow Gene Autry Trail to Salvia Drive (Option A on the attached map). The line would run on the northern side of Salvia Drive up to a point just south of Interstate 10 where the line would run double circuit along the existing Eisenhower-Farrell 115kV line route to Garnet Substation. There are three additional alternatives to the Option A segment of the Proposed Route. Option B would follow Gene Autry Trail until reaching Banning Indio Drive and would cross over Gene Autry Trail north of the railroad running west until meeting up with and following the existing Eisenhower-Farrell 115kV line route to Garnet Substation. Option C is similar to Option B but would include a large span across the railroad from Gene Autry Trail to Banning Indio Drive instead of crossing north of the railroad. Option D would follow the existing Eisenhower-Farrell 115kV line route all the way to Garnet Substation, crossing the railroad on the west side of Gene Autry Trail.

**Alternate Route #1:** Starting at Farrell Substation the line would run double circuit with the existing Eisenhower-Farrell 115kV line south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to the SCE right-of-way north of Four Seasons Blvd. The line would continue on the SCE right-of-way to a point where it would meet up with the Devers-Farrell-Windland 115kV line south of I-10. The line would run double circuit with the Devers-Farrell-Windland 115kV line to Garnet Substation. Approximately 2,650 feet of this line route on Sunrise Way from San Rafael Rd. to Four Seasons Blvd. would be placed underground. Portions would be located within street right of way and portions would require new easements.

**Alternate Route #2:** Starting at Farrell Substation the line would run double circuit with the Eisenhower-Farrell south on Gene Autry Trail to Vista Chino Ave. The line would then overbuild existing distribution lines from the corner of Gene Autry Trail westerly along Vista Chino Ave. to Sunrise Way, north on Sunrise Way to San Rafael Rd. The line would head west on San Rafael Rd. to Indian Ave., north on Indian Ave. to Garnet Substation. Portions would be located within street right of way and portions would require new easements.

### Mirage-Santa Rosa 115kV Transmission Line Segment

**Proposed Route:** From Mirage Substation the line would double circuit the existing Devers-Capwind-Concho-Mirage line, continuing overhead across Interstate 10. The line would utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location.

**Alternate Route #1:** Install underground cable from Mirage Substation west on Ramon Rd. to Monterey Ave., south on Monterey Ave. to Varner Rd., southeasterly on Varner Rd. to a point where it would meet up with the Mirage-Concho 115kV overhead line. At this location, the line



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would rise up, continue overhead across I-10, and utilize an idle line section to the corner of Portola Ave. and Gerald Ford Dr. where it would tap into the existing Santa Rosa-Tamarisk 115kV line. The tap to Tamarisk would be disconnected and grounded at this location. The underground cable would be placed in street right of way provided there is adequate space for our facilities.

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For your benefit, I have enclosed a map that illustrates the proposed project areas.

Please contact me with any information you are willing to share with regards to Native American resources in the project area. I may be reached at (626) 302-4893 or via e-mail at [philippe.lapin@sce.com](mailto:philippe.lapin@sce.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Philippe Lapin".

Philippe Lapin MA, RPA  
Archaeologist  
Southern California Edison  
Corporate Environment, Health and Safety

Enclosures



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