

California Public Utilities Commission Informational Workshop on Draft Subsequent EIR

Southern California Edison
Riverside Transmission Reliability Project

APPLICATION NO. 15-04-013

Mira Loma Middle School

April 24-25, 2018



Workshop Meeting Agenda

- Introduction of Speakers and Brief Presentation
 - Purpose and Overview of Workshop
 - Project milestones
 - Description of Proposed Project and Revised Project
 - Public comments from scoping period
 - Significant impacts identified in the Subsequent EIR
 - Alternatives to the Revised Project
- Workshop Session



The Purpose of the Workshop

- Explain the CPUC Draft Subsequent EIR review process
- Answer questions about the Revised Project and alternatives
- Accept written comments on the Draft Subsequent EIR



Roles



California Public Utilities Commission (CPUC)
Lead Permitting Agency under CEQA



Panorama Environmental, Inc.
Environmental Contractor for CPUC



Southern California Edison (SCE)
Project Applicant



Project Milestones

City of Riverside approved 2013 RTRP EIR

- **February 2013**

SCE Application to CPUC

- **April 2015** – SCE submitted application for a Certificate of Public Convenience and Necessity (CPCN)
- **September 2016** – SCE Revised Project
- **January 2017** – CPUC deemed application complete

CEQA Scoping Process (Jan 25-Feb 24, 2017)

- **February 2017** – Scoping meeting
- **March 2017** – Scoping report

Subsequent EIR Analysis and Alternatives Screening Process

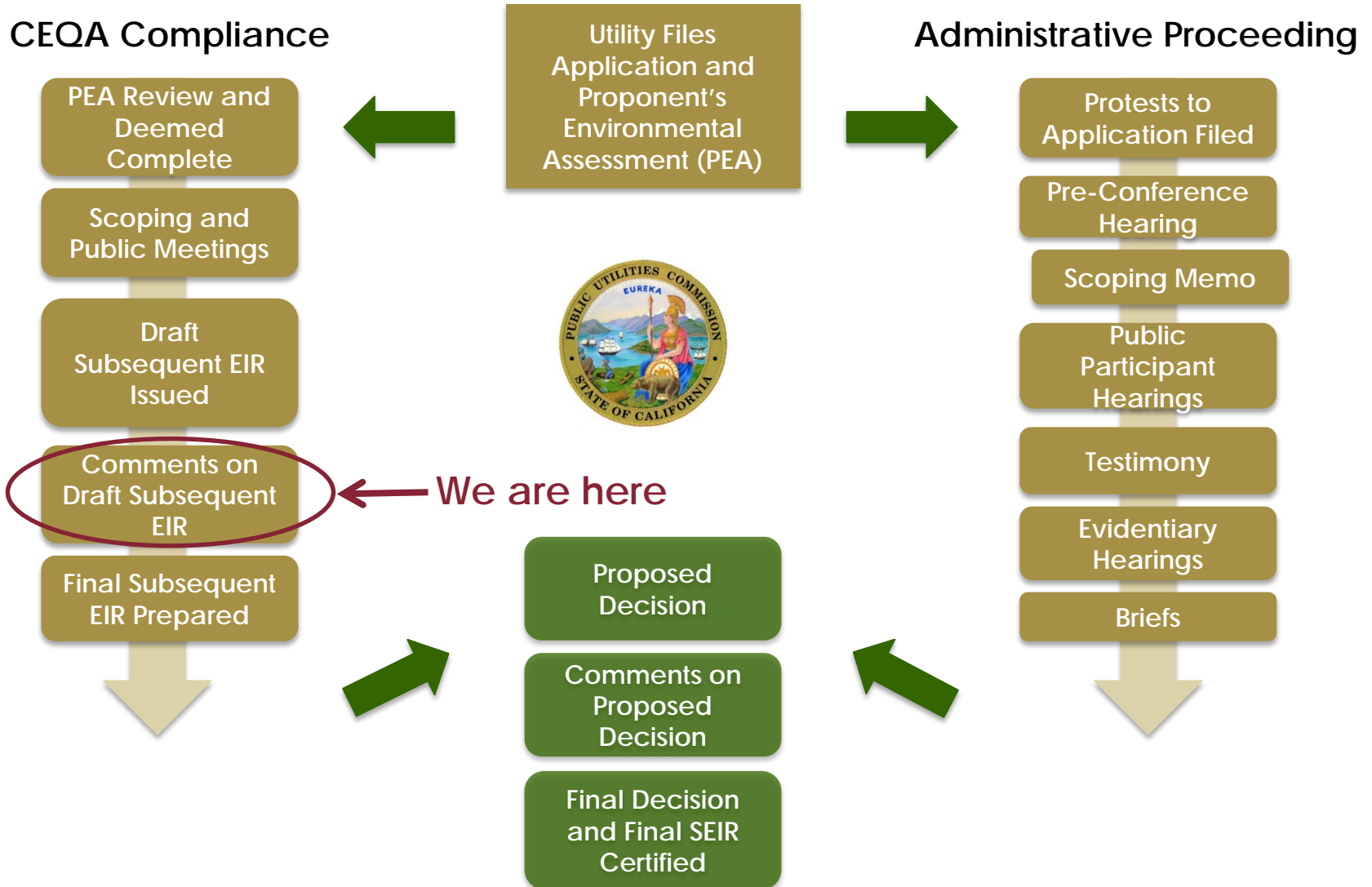
- **March 2017 – March 2018**

Draft Subsequent EIR released

- **April 2, 2018**

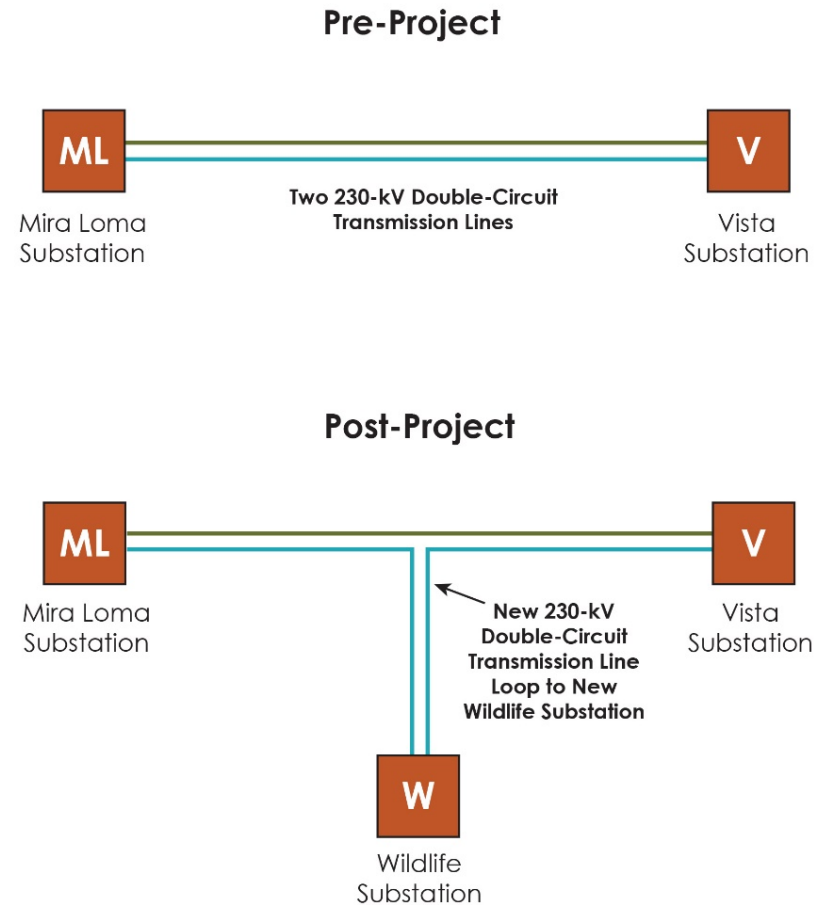


CPUC Project Review Process



SCE Objectives

- **Increase capacity** to meet existing electric system demand and anticipated future load growth; and
- **Provide an additional point of delivery** for bulk power into the RPU electrical system, thereby reducing dependence on Vista Substation and increasing overall reliability



RTRP Components Addressed in Draft Subsequent EIR

RTRP (RPU and SCE)

New 230/69-kV Wilderness Substation
Approximately 11 miles of new 69-kV subtransmission lines
Telecommunication facilities associated with RPU's electrical system

Proposed Project (SCE)

New 230-kV Wildlife Substation
Modify at existing substations
Approximately 10 miles of new 230-kV transmission line

- Overhead transmission lines in Jurupa Valley
- Underground transmission lines and riser poles north of the Santa Ana River

Overhead transmission lines south of the Santa Ana River

- Disturbance areas along alignment

Modifications of existing overhead distribution lines

Location 1
Location 2
Location 3
Location 4
Location 5
Location 6

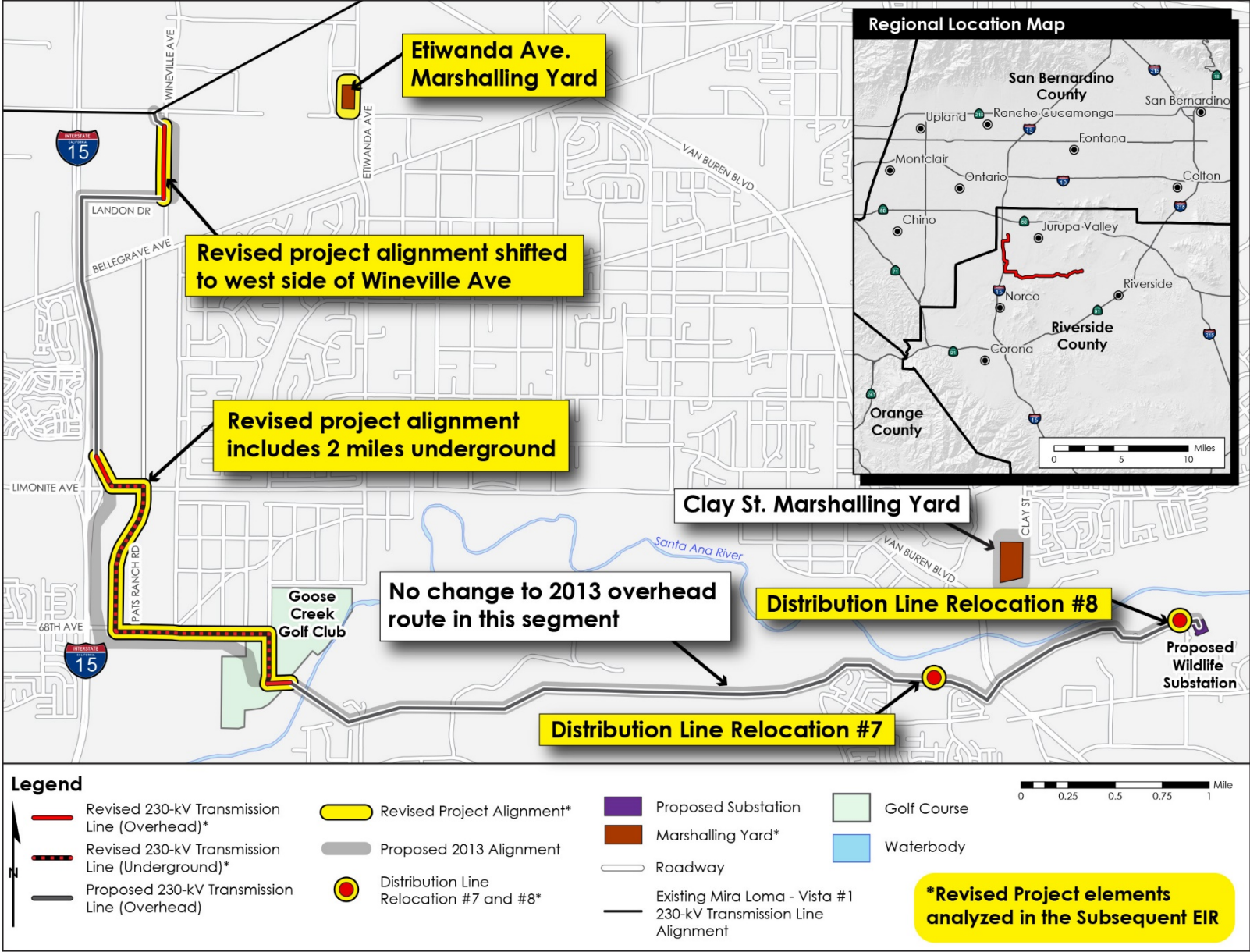
- Location 7
- Location 8

Telecommunication facilities between the existing Mira Loma and Vista Substations and the proposed Wildlife Substation

- Etiwanda Marshalling Yard

Revised
Project
Analyzed in
Subsequent
EIR

Revised Project Components



Project Construction Overview

Construction Schedule

- About 26 months from start to finish
- Anticipated to begin in 2021
- Anticipated to finish in 2023

Workforce

- Up to 60 workers on site at any one time

Work Hours

- Monday to Friday, 6 a.m. to 6 p.m. (June to September) and 7 a.m. to 6 p.m. (October to May)
- Some after hours construction may be required

Equipment

- Variety of general construction vehicles
- Helicopters may be used for conductor stringing



Project Operation and Maintenance

- New transmission line infrastructure would be unattended (no on-site staff)
- Regular maintenance would occur along the new transmission line
- Aerial and ground inspections would occur regularly



Topics Raised during Scoping

- **Aesthetics**

- Comments about how the overhead transmission line would affect views

- **Biology**

- Comments about impacts to wetlands and migratory birds, as well as natural habitats within the Hidden Valley Wildlife Preserve and Santa Ana River

- **Hazards and hazardous materials**

- Comments about power line hazards and hazardous materials used during construction



Topics Raised during Scoping

- **Alternatives**

- The public overwhelmingly expressed support for an underground transmission line
- Many commenters made suggestions for alternative transmission line routes

Topics Outside of CEQA Review

- Home or property values
- Health effects from electric and magnetic fields



Resource Topics Addressed in the Subsequent EIR

- Aesthetics
- Agriculture and Forestry
- Biological Resources
- Cultural, Tribal and Paleontological
- Geology and Soils
- Hazards and Hazardous Materials
- Hydrology & Water Quality
- Land Use & Planning
- Noise
- Public services and Utilities
- Recreation
- Transportation & Traffic



Subsequent EIR Significant Impacts

- **Aesthetics**

- Long-term impacts from the construction of overhead transmission infrastructure

- **Loss of Important Farmland**

- Conversion of important farmland to non-agricultural use due to the footprint of the overhead 230-kV transmission poles and towers

- **Construction noise**

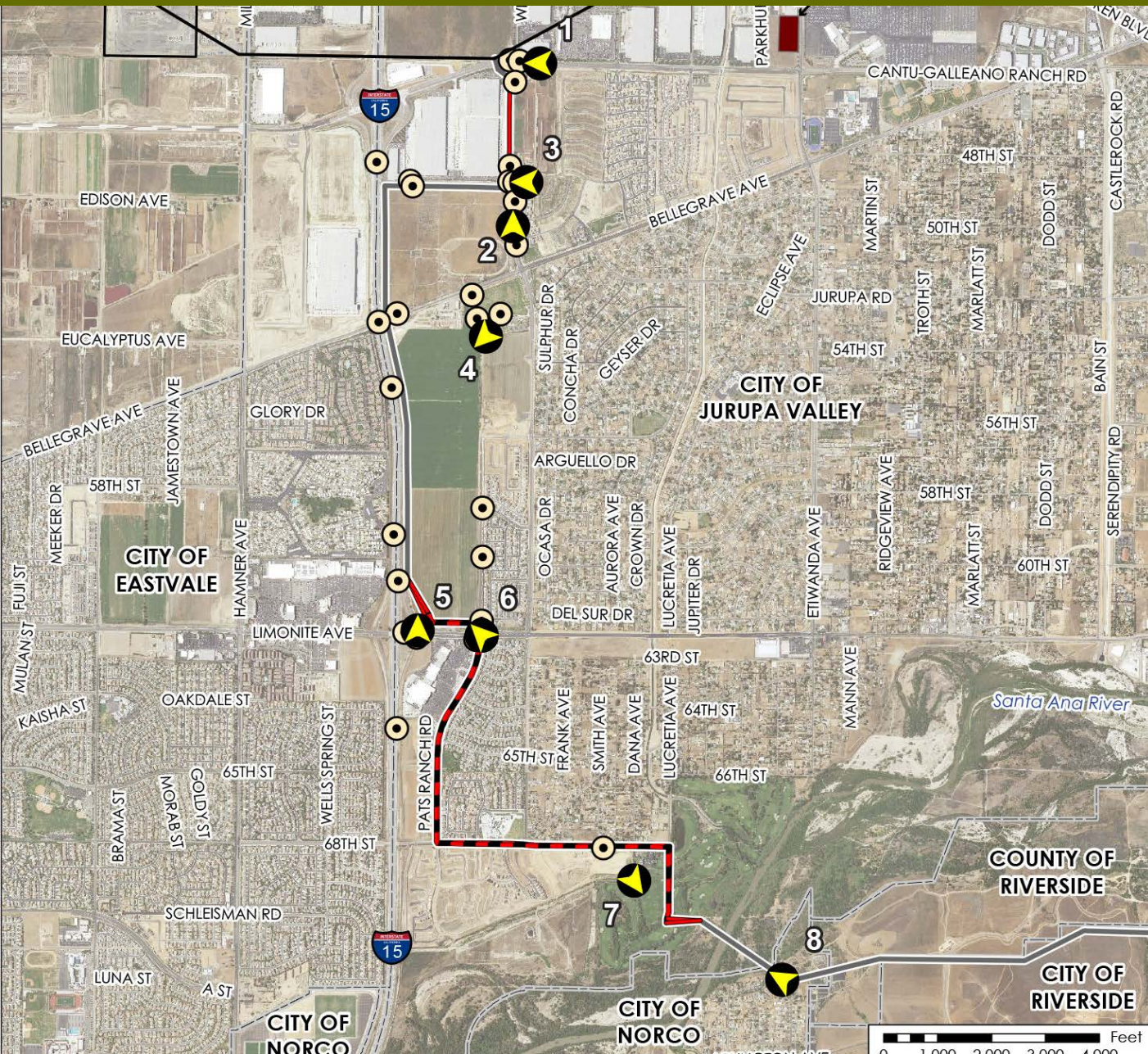
- Increase in temporary noise levels during construction of the underground transmission vaults and duct banks






- **Traffic**

- Decreased level of service on 68th Street, Limonite Avenue, and Wineville Avenue as a result of road and lane closures



Visual Simulation Key Observation Points (KOPs)



-  Photo Location and Direction
-  Photo Location Considered
-  Revised Project (Overhead)
-  Revised Project (Underground)
-  2013 Proposed Project (Overhead)

KOP 3 – Rosebud Lane Looking West (Baseline)



KOP 3 – Rosebud Lane Looking West (Revised Project Simulation)



KOP 6 – Limonite Avenue at Pats Ranch Road Looking Northwest (Baseline)



KOP 6 – Limonite Avenue at Pats Ranch Road Looking Northwest (Revised Project Simulation)



KOP 8 – Norco Riding and Hiking Trail Looking North (Baseline)



KOP 8 – Norco Riding and Hiking Trail Looking North (Revised Project Simulation)

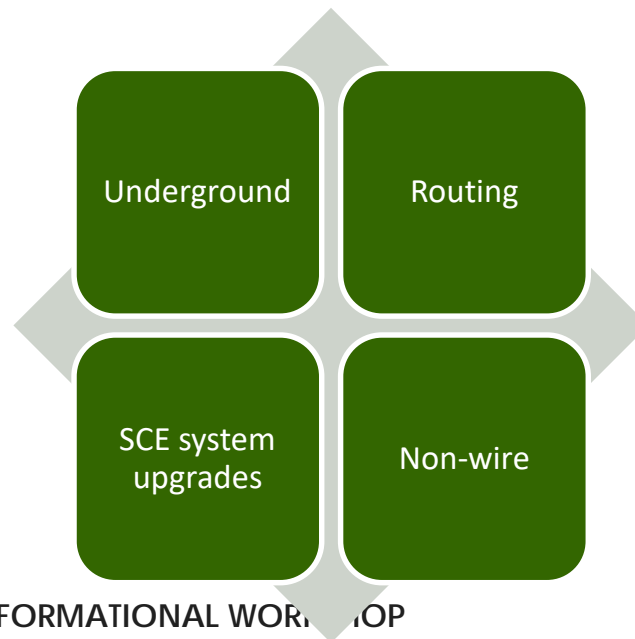


Alternatives Analysis

Screening Process



Types of Alternatives



Alternatives Analysis

31 alternatives evaluated, including the No Project Alternative

26 alternatives eliminated after considering project objectives, feasibility, and environmental criteria

Alternatives Screening Report describes alternatives considered and rationale for analysis or elimination (EIR Appendix D)

Chapter 3 of the Draft Subsequent EIR summarizes this screening process and results and Chapter 6 summarizes the comparison between alternatives



Alternatives Considered in Draft Subsequent EIR



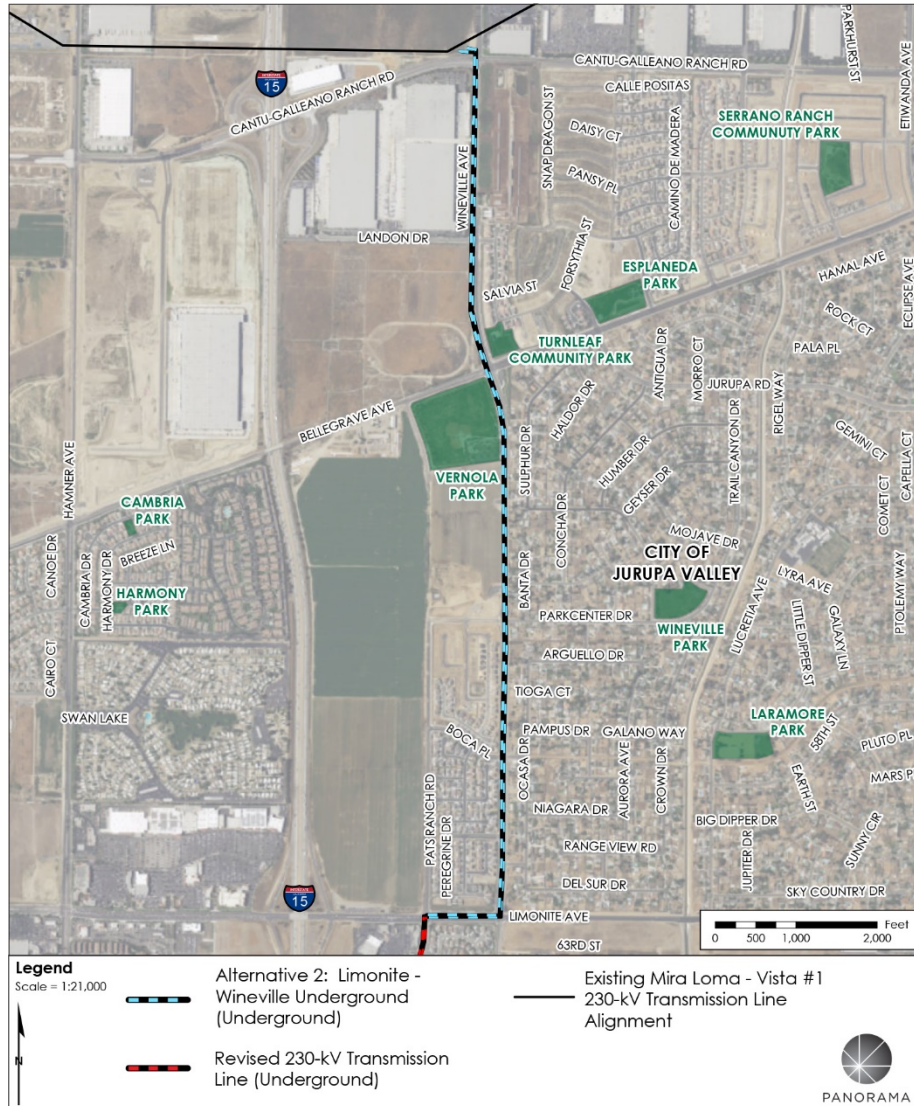
Alternative 1: Bellegrave – Pats Ranch Road Underground

Source: SCE and scoping

- Reduces aesthetic impact
- Eliminates impact on farmland
- Increases noise and traffic impacts along alternative alignment



Alternatives Considered in Draft Subsequent EIR



Alternative 2: Wineville - Limonite Underground

Source: CPUC

- Reduces aesthetic impact
- Eliminates impact on farmland
- Increases noise and traffic impacts along alternative alignment

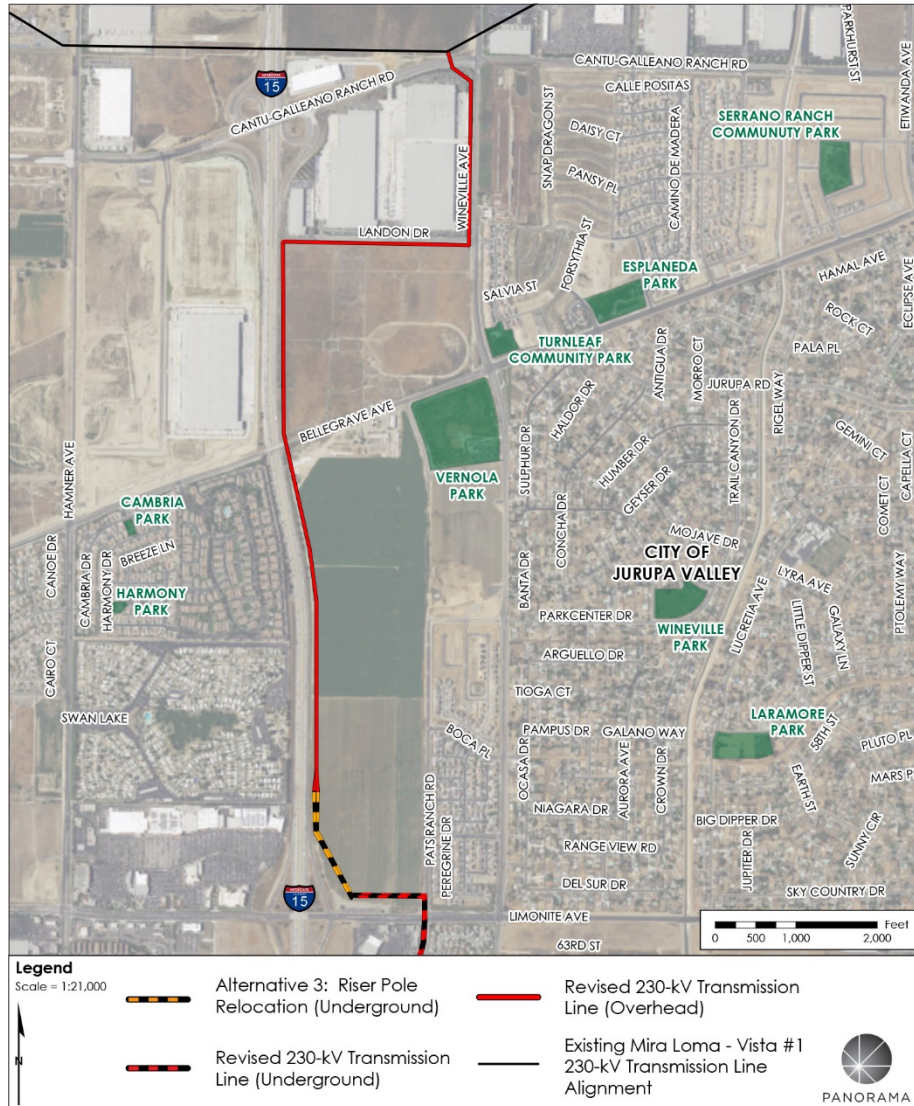


Alternatives Considered in Draft Subsequent EIR

Alternative 3: Relocate Northern Riser Poles

Source: CPUC

- Reduces aesthetic impacts for residences and parks
- Increases impacts on farmland



Alternatives Considered in Draft Subsequent EIR

Alternative 4: Wineville – Landon Underground

Source: CPUC

- Reduces aesthetic impacts for residences
- Increases noise and traffic impacts along alternative alignment



Alternatives Considered in Draft Subsequent EIR

No Project Alternative

- No second interconnection point into SCE's electrical system
- RPU would likely take the following actions:
 - Expand use of gas-fired generation
 - Install battery storage

No Project Alternative Conclusions

- RPU actions could not supply adequate power capacity to replace the RTRP
- RPU system would be vulnerable to power outages



Ranking of Alternatives

Ranking	Alternative
#1	No Project
#2	Alternative 1 Bellegrave – Pats Ranch Road Underground with Revised Project in remaining segments Environmentally Superior Action Alternative
#3	Alternative 2 Limonite – Wineville Underground with Revised Project in remaining segments
#4	Combination of Alternative 3 and Alternative 4 with Revised Project in remaining segments
#5	Alternative 4 Wineville – Landon Drive Underground with Revised Project in remaining segments
#6	Alternative 3 Northern Riser Pole Relocation Underground at Limonite Avenue with Revised Project in remaining segments
#7	The Revised Project As proposed by SCE

The ranking and comparison of alternatives is presented in Draft Subsequent EIR Chapter 6



Environmentally Superior Alternatives

No Project Alternative

- Fewest environmental impacts
- Fails to satisfy the project objectives

Alternative 1+Revised Project:

- Greatest reduction in long-term aesthetic and agricultural resources impacts
- Greater temporary traffic and noise construction impacts associated with additional trenching for underground lines



KOP 1 – Cantu-Galleano Ranch Road Looking West (Baseline)



KOP 1 – Cantu-Galleano Ranch Road Looking West (Revised Project Simulation)



KOP 1 – Cantu-Galleano Ranch Road Looking West (Alternatives 1, 2, and 4 Simulation)



Ways to Comment

- Fill out a comment card to submit comments tonight
- Submit comments after this meeting by mail, fax, or email

Mail	Fax	Email
Jensen Uchida CPUC c/o Panorama Environmental 717 Market Street, Suite 650 San Francisco, CA 94103	(650) 373-1211	riversidetrp@panoramaenv.com

Comments due by 5:00 p.m. on May 17, 2018



For More Information

CPUC Environmental Review website:

<http://www.cpuc.ca.gov/Environment/info/panoramaenv/RTRP/index.html>

CPUC Administrative Proceeding website:

https://apps.cpuc.ca.gov/apex/f?p=401:56:0::NO:RP,57,RIR:P5_PROCEEDING_SELECT:A1504013

CPUC Public Advisors Office:

<http://www.cpuc.ca.gov/pao/>

Phone: 1-866-849-8390

Email: public.advisor@cpuc.ca.gov



Workshop Session