

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE  
STATE OF CALIFORNIA**

In the Matter of the Application of SOUTHERN )  
CALIFORNIA EDISON COMPANY (U 338-E) )  
For a Permit to Construct Electrical Facilities With )  
Voltages Between 50 kV and 200 kV: Circle City )  
Substation and Mira Loma-Jefferson )  
Subtransmission Line Project )  
\_\_\_\_\_ )

Application No. \_\_\_\_\_

**APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) FOR A  
PERMIT TO CONSTRUCT ELECTRICAL FACILITIES WITH VOLTAGES  
BETWEEN 50 KV AND 200 KV: CIRCLE CITY SUBSTATION AND  
MIRA LOMA-JEFFERSON SUBTRANSMISSION LINE PROJECT**

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**Application of Southern California Edison Company (U 338-E) For A Permit To Construct  
Electrical Facilities With Voltages Between 50 kV And 200 kV: Circle City Substation  
And Mira Loma-Jefferson Subtransmission Line Project**

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**I.**

**INTRODUCTION**

Pursuant to California Public Utilities Commission (Commission or CPUC), General Order 131-D (G.O. 131-D), Southern California Edison Company (SCE) respectfully submits this application (Application) for a permit to construct (PTC) authorizing SCE to construct the proposed project known as the Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project (Proposed Project). The Proposed Project consists of: (1) construction of a new 66/12 kilovolt (kV) substation (Circle City Substation); (2) construction of four new 66 kV subtransmission source lines, which would be in a double-circuit configuration and a combination of overhead and underground construction; (3) construction of a new 10.9 mile 66 kV subtransmission line (Mira Loma-Jefferson Subtransmission Line); (4) upgrade of the existing Mira Loma Substation to accommodate the new Mira Loma-Jefferson Subtransmission

Line; (5) construction of approximately six new underground 12 kV distribution getaways exiting the proposed Circle City Substation; (6) relocation of approximately 1.9 miles of an existing 33 kV distribution line to an underground position; and (7) installation of telecommunications facilities to connect the Proposed Project to SCE's existing telecommunications system.

## II.

### **BACKGROUND AND SUMMARY OF REQUEST**

The purpose of this Proposed Project is to ensure the availability of safe and reliable electrical service and to provide additional capacity to serve long-term forecasted electrical demand requirements in the northwestern Riverside County area, while also maintaining or improving system reliability and providing greater operational flexibility. The area includes the cities of Corona and Norco, and the surrounding area of unincorporated Riverside County (Electrical Needs Area or ENA). The Proposed Project is located in portions of northwestern Riverside County, including the cities of Corona, Eastvale, and Norco; and in portions of San Bernardino County, including the cities of Chino and Ontario

The ENA for the Proposed Project is served by a portion of SCE's Mira Loma 220 kV System. The Mira Loma 220 kV System is primarily comprised of 220/66 kV transformers, 66 kV subtransmission lines, 66/12 kV transformers, and 12 kV distribution lines. At Mira Loma Substation, electrical transmission voltage is transformed from 220 kV to 66 kV and distributed by 66 kV subtransmission lines to 66/12 kV distribution substations within the Mira Loma System. The distribution substations that currently serve the ENA are the Corona, Chase, and Jefferson substations. The Corona, Chase, and Jefferson substations provide electrical service to approximately 59,000 metered customers within the ENA.

The amount of electrical power that can be distributed throughout the ENA is limited to the amount of electrical demand that the Corona, Chase, and Jefferson substations can serve before exceeding the maximum operating limits. The combined operating capacity of these

substations is limited to 434.6 MVA under a normal system configuration. In 2021, the projected electrical demand is forecasted to be 435.2 MVA and without the Proposed Project, it would exceed the maximum operating limits. The projected peak demand value is forecasted to exceed the maximum operating limit of the substations in 2021. Unaddressed, this overload condition would prevent SCE from safely and reliably serving all of the electrical demand within the ENA. Therefore, a substation project is needed to supply additional transformer capacity and distribution circuitry to provide service to the ENA.

With respect to the need for the Mira Loma-Jefferson Subtransmission Line, the SCE 66 kV subtransmission lines that currently serve the ENA are the Mira Loma-Corona, Mira Loma-Corona-Jefferson, Mira Loma-Corona-Pedley, Cleargen-Jefferson, and Archibald Chino-Corona subtransmission lines. These lines form a network of 66 kV subtransmission lines, which ultimately originate at Mira Loma Substation and terminate at the various distribution substations within the ENA. The amount of electrical power that can be delivered to the distribution substations in the ENA is limited to the maximum amount of electrical demand that the Mira Loma-Corona-Jefferson, Mira Loma-Corona, Mira Loma-Corona-Pedley, Cleargen-Jefferson, and Archibald-Chino Corona 66 kV subtransmission lines can provide before any individual subtransmission line operating limit is exceeded. Each of the 66 kV subtransmission lines providing service to the ENA has operating limits of 125 MVA under normal system conditions and 168 MVA under abnormal system conditions.

In 2016, under peak electrical demand conditions and an abnormal system configuration, the operating limit of the Mira Loma-Corona-Jefferson Subtransmission Line is projected to be exceeded during an N-1 outage to the Mira Loma-Cleargen-Delgen 66 kV Subtransmission Line. As the overload under abnormal conditions is projected to occur in 2016 and prior to the planned operational date of 2021 for the Proposed Project, SCE proposes to mitigate the projected abnormal system condition overload by implementing a temporary system operating procedure that would minimize the projected abnormal system condition overload, were it to occur, for the years 2016 through 2020.

The proposed temporary mitigation plan would not involve any construction activities and would consist of SCE system operators implementing an operating procedure, which would result in a short-term system reconfiguration of the 66 kV lines. Without a mitigation plan, system operators would plan to turn off electrical service to customers to reduce the burden on the overloaded line until it was back within maximum operating limits. This temporary mitigation plan would minimize the amount of electrical demand at risk of being interrupted to keep the subtransmission lines within maximum operating limits.

SCE's subtransmission system is designed to be a network of lines serving the distribution substations within the system. The principal behind the use of a networked design is that it provides reliability and operational flexibility so that in the event there is an outage of one of the lines (planned or unplanned), none of the customers within the network are left without electrical service as the power has multiple routes available to provide service to the distribution substations. During the unplanned outage of one subtransmission line, the proposed operating procedure would separate the subtransmission network by temporarily taking a second subtransmission line out-of-service which would redirect the power flow, preventing the projected overload from occurring. As a result however, there would be a corresponding reduction in reliability and operational flexibility and the introduction of the possibility of the loss-of-service to two substations. The proposed mitigation would result in two subtransmission lines no longer being networked with other lines. The first line would be the only source line to two substations and the other line would be the only source line to one substation. During this configuration, an outage to either of those two lines would result in the complete loss of power of up to two entire substations.

SCE's planning analysis and system design considers normal conditions (all facilities in-service) and abnormal conditions (any one facility out-of-service). With the mitigation plan in effect, there would be the risk of the loss-of-service to a significant number of customers; however, this would require the unlikely event of the concurrent outage of two subtransmission lines. This mitigation plan, and its associated risks, would only be acceptable because it is

temporary, it limits the load-at-risk under standard planning conditions, and there is a planned permanent solution (the Proposed Project) that is projected to be completed by 2021.

As detailed above for an abnormal system configuration, a similar result would occur under a normal system configuration. Under peak electrical demand conditions and a normal system configuration, the operating limit of the Mira Loma-Corona 66 kV Subtransmission Line is projected to be exceeded in 2019. As the overload under normal conditions is projected to occur in 2019 and prior to the planned operational date of the Proposed Project, SCE proposes to mitigate the projected normal system condition overload by implementing a temporary operating procedure, similar to that for the abnormal condition described above. This mitigation would minimize the projected normal system condition overload for the years 2019 and 2020.

This operating procedure temporarily reduces the number of subtransmission lines serving Corona Substation from five to four. This mitigation plan is acceptable only because it is temporary, it limits the load-at-risk, and there is a planned permanent solution (the Proposed Project) that is projected to be completed by 2021.

Upon completion of the Proposed Project, the projected overloads of the subtransmission lines identified under both abnormal and normal system conditions would be addressed throughout the remainder of the planning horizon. Unaddressed, these overload conditions would prevent SCE from safely and reliably serving the electrical demand to the ENA. Therefore, a project is needed to provide additional 66 kV subtransmission line capacity to the ENA.

The Mira Loma-Jefferson 66 kV Subtransmission Line is needed independently of the proposed Circle City Substation in order to address the capacity deficiency of the Mira Loma-Corona 66 kV Subtransmission Line under normal system conditions and the capacity deficiency of the Mira Loma-Corona-Jefferson and Mira Loma-Corona 66 kV subtransmission lines under abnormal system configurations. These projected overload conditions would occur regardless of whether the proposed Circle City Substation is constructed.

As described previously, constructing only the proposed Circle City Substation would not entirely serve the electrical demands of the ENA. It would address the projected distribution

substation capacity deficiency, but due to the overload conditions that would occur on both the Mira Loma-Corona-Jefferson and the Mira Loma-Corona 66 kV subtransmission lines, the required subtransmission line capacity to the ENA substations would be inadequate. Because construction of the proposed Circle City Substation would not have independent utility from the subtransmission line, SCE defined the Proposed Project to include both Circle City Substation and the Mira Loma-Jefferson 66 kV Subtransmission Line.

The estimated cost of the Proposed Project is approximately 139 million in 2015 constant dollars.<sup>1</sup> A Proponent's Environmental Assessment (PEA) prepared for the Proposed Project is attached to this Application. The PEA will be referenced in this Application, where appropriate, as the source of information required in an Application for a PTC<sup>2</sup> pursuant to G.O. 131-D, Section IX.B. A complete project description is located in Chapter 3 of the PEA. A summary of the Proposed Project's purpose, need and objectives is located in Chapter 1 of the PEA.

Construction of the Proposed Project is scheduled to begin in 2019 and to be completed by 2021. A schedule for the Proposed Project is included in this Application as Appendix C.

Upon completion of its review of this Application and preparation of an initial study, SCE requests that the Commission issue and certify an appropriate environmental document and issue a PTC authorizing SCE to construct the Proposed Project set forth in this Application and the attached PEA within the timelines set forth in Section III.H of this Application.

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<sup>1</sup> This is a conceptual estimate, prepared in advance of final engineering and prior to CPUC approval. Pension and benefits, administrative and general expenses, and allowance for funds during construction are not included in this estimate.

<sup>2</sup> Other required information for a PTC application (*e.g.* Balance Sheet, Articles of Incorporation, *etc.*) is contained in this Application or its appendices.

### III.

#### **STATUTORY AND PROCEDURAL REQUIREMENTS**

##### **A. Applicant**

The applicant is Southern California Edison Company, an electric public utility company organized and existing under the laws of the State of California. SCE's principal place of business is 2244 Walnut Grove Avenue, Post Office Box 800, Rosemead, California 91770.

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##### **B. Articles of Incorporation**

A copy of SCE's Certificate of Restated Articles of Incorporation, effective on March 2, 2006, and presently in effect, certified by the California Secretary of State, was filed with the Commission on March 14, 2006, in connection with Application No. 06-03-020, and is

incorporated herein by this reference pursuant to Rule 2.2 of the Commission's Rules of Practice and Procedure.

A copy of SCE's Certificate of Determination of Preferences of the Series D Preference Stock filed with the California Secretary of State on March 7, 2011, and presently in effect, certified by the California Secretary of State, was filed with the Commission on April 1, 2011, in connection with Application No. 11-04-001, and is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series E Preference Stock filed with the California Secretary of State on January 12, 2012, and a copy of SCE's Certificate of Increase of Authorized Shares of the Series E Preference Stock filed with the California Secretary of State on January 31, 2012, and presently in effect, certified by the California Secretary of State, were filed with the Commission on March 5, 2012, in connection with Application No. 12-03-004, and are incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series F Preference Stock filed with the California Secretary of State on May 5, 2012, and presently in effect, certified by the California Secretary of State, was filed with the Commission on June 29, 2012, in connection with Application No. 12-06-017, and is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series G Preference Stock filed with the California Secretary of State on January 24, 2013, and presently in effect, certified by the California Secretary of State, was filed with the Commission on January 31, 2013, in connection with Application No. 13-01-016, and is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series H Preference Stock filed with the California Secretary of State on February 28, 2014, and presently in effect, certified by the California Secretary of State, was filed with the Commission on March 24, 2014, in connection with Application No. 14-03-013, and is incorporated herein by this reference.

A copy of SCE's Certificate of Determination of Preferences of the Series J Preference Stock filed with the California Secretary of State on August 19, 2015, and presently in effect,

certified by the California Secretary of State, was filed with the Commission on October 2, 2015, 2015, in connection with Application No. 15-10-001, and is incorporated herein by this reference.

Certain classes and series of SCE's capital stock are listed on a "national securities exchange" as defined in the Securities Exchange Act of 1934 and copies of SCE's latest Annual Report to Shareholders and its latest proxy statement sent to its stockholders has been filed with the Commission with a letter of transmittal dated March 13, 2015, pursuant to General Order Nos. 65-A and 104-A of the Commission.

**C. Balance Sheet and Statement of Income**

Appendix A to this Application contains copies of SCE's balance sheet and statement of income as of September 30, 2015. The balance sheet reflects SCE's utility plant at original cost, less accumulated depreciation.

Since 1954, pursuant to Commission Decision No. 49665 dated February 16, 1954, in Application No. 33952, as modified by Decision No. 91799 in 1980, SCE has utilized straightline remaining life depreciation for computing depreciation expense for accounting and ratemaking purposes in connection with its operations.

Pursuant to Commission Decision No. 59926, dated April 12, 1960, SCE uses accelerated depreciation for income tax purposes and "flows through" reductions in income tax to customers within the Commission's jurisdiction for property placed in service prior to 1981. Pursuant to Decision No. 93848 in OII-24, SCE uses the Accelerated Cost Recovery System (ACRS) for federal income tax purposes and "normalizes" reductions in income tax to customers for property placed in service after 1980 in compliance with the Economic Recovery Tax Act of 1981, and also in compliance with the Tax Reform Act of 1986. Pursuant to Decision No. 88-01-061, dated January 28, 1988, SCE uses a gross of tax interest rate in calculating the AFUDC Rate, and income tax normalization to account for the increased income tax expense occasioned by the Tax Relief

Act of 1986 provisions requiring capitalization of interest during construction for income tax purposes.

**D. Description of Southern California Edison Company**

SCE is a corporation organized and existing under the laws of the State of California, and is primarily engaged in the business of generating, purchasing, transmitting, distributing and selling electric energy for light, heat and power in portions of central and southern California as a public utility subject to the jurisdiction of the California Public Utilities Commission. SCE's properties, which are located primarily within the State of California, consist mainly of hydroelectric and thermal electric generating plants, together with transmission and distribution lines and other property necessary in connection with its business.

**E. Service Territory**

SCE's service territory is located in 15 counties in central and southern California, consisting of Fresno, Imperial, Inyo, Kern, Kings, Los Angeles, Madera, Mono, Orange, Riverside, Santa Barbara, San Bernardino, Tulare, Tuolumne,<sup>3</sup> and Ventura Counties, and includes approximately 188 incorporated communities as well as outlying rural territories. A list of the counties and municipalities served by SCE is attached hereto as Appendix B. SCE also supplies electricity to certain customers for resale under tariffs filed with the Federal Energy Regulatory Commission.

**F. Location Of Items Required In A Permit To Construct Pursuant To G.O. 131-D, Section IX.B**

Much of the information required to be included in a PTC application pursuant to G.O. 131-D, Section IX.B is found in the PEA.

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<sup>3</sup> SCE provides electric service to a small number of customer accounts in Tuolumne County and is not subject to franchise requirements.

Required PTC application information has been cross-referenced to the PEA in the following text. The PTC application requirements of G.O. 131-D, Section IX.B are in ***bold italics***, and the PEA references follow in plain text.

- a. ***A description of the proposed power line or substation facilities, including the proposed power line route; proposed power line equipment, such as tower design and appearance, heights, conductor sizes, voltages, capacities, substations, switchyards, etc., and a proposed schedule for authorization, construction, and commencement of operation of the facilities.***
- Descriptions of the Project are found throughout the PEA, including in Chapter 1, Chapter 2, Chapter 3, Chapter 4, Chapter 5, and Chapter 6.
- The proposed 66 kV Circle City Substation, Mira Loma-Jefferson power line route and associated subtransmission, distribution and telecommunications work are described in Executive Summary (“Project Location”), Chapter 3.0 (“Project Description”), Sections 3.1 (“Proposed Project Components”) [including Subsection 3.1.1 (“Circle City Substation Description”), 3.1.2 (“Distribution Getaways”), 3.1.3 (“Subtransmission Line Description”), and 3.1.4 (“Telecommunications Description”)]. This work is illustrated in Figures 3-1 (“Proposed Project Substation Layout”), 3-2 (“Circle City Substation Profile View”), 3-3 (“Source Line Route Description”), 3-4 (“Mira Loma-Jefferson 66 kV Subtransmission Line Route Description”), 3-5 (“Subtransmission Structures”), 3-6 (“Proposed Telecommunications Route”), 4.1-2 (“Photograph Viewpoint Locations Map”), 4.1-3 (“Photograph Viewpoint Locations Map”), 4.1-4 (“Representative Photographs”), 4.1-5 through 4.1-12 (“Existing View and Visual Simulation”(s)), 4.2-1 (“Farmland Map Subtransmission Line”), 4.4-1 (“Critical Habitat Map”), 4.4-2 (“Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP)”), 4.4-3 (“Special-Status Species Locations Map (Source Line Route)”), 4.4-4 (“Special-Status Species Locations Map (Subtransmission Line)”). The location where work would be done at existing substations is described in Section 3.2.2.5 (“Modifications at Other Substations”) and illustrated in Figure 3-4 (“Mira Loma-Jefferson 66 kV Subtransmission Line Route Description”).
- The physical characteristics of the Project’s components are described in Executive Summary (“Project Components”), Chapter 3.0 (“Project Description”), Sections 3.1 (“Project Components”), [including Subsections 3.1.1 (“Circle City Substation Description”), 3.1.1.1 (“66 kV Switchrack”), 3.1.1.2 (“66/12 kV Transformers”), 3.1.1.3 (“12 kV Switchrack”), 3.1.1.4 (“Capacitor Banks”), 3.1.1.5 (“Mechanical and Electrical Equipment Room”), 3.1.1.6 (“Restroom Facilities”), 3.1.1.7 (“Substation Access”), 3.1.1.8 (“Substation Grading and Drainage”), 3.1.1.9 (“Ground Surface Improvements”), 3.1.1.10 (“Substation Lighting”), 3.1.1.11 (“Substation Perimeter”) 3.1.2 (“Distribution Getaways”), 3.1.3 (“Subtransmission Line Description”), 3.1.3.1 (“Source Line Route Description”), 3.1.3.2 (“Mira Loma-Jefferson Subtransmission Line Route Description”),

3.1.3.3 (“Subtransmission Pole Description”), 3.1.3.4 (“Relocation of Existing Distribution Facilities”), 3.1.4 (“Telecommunications Description”)] and illustrated in Figures 3-1 (“Proposed Project Substation Layout”), 3-2 (“Circle City Substation Profile”), 3-3 (“Source Line Route Description”), 3-4 (“Mira Loma-Jefferson 66 kV Subtransmission Line Route Description”), 3-5 (“Subtransmission Structures”), 3-6 (“Proposed Telecommunication Route”), 3-7 (“Potential Staging Areas”).

- The Project Schedule is discussed in Section 3.12 (“Construction Schedule”) and attached to this Application as Appendix C.

***b. A map of the proposed power line routing or substation location showing populated areas, parks, recreational areas, scenic areas, and existing electrical transmission or power lines within 300 feet of the proposed route or substation.***

- Regional maps and aerial photographs showing existing features, including land uses and populated areas are included in Figures 1.1 (“Electrical Needs Area”), 3-3 (“Source Line Route Description”), 3-4 (“Mira Loma-Jefferson 66 kV Subtransmission Line Route Description”), 4.1-1 (“Regional Landscape Context”), 4.2-1 (“Farmland Map”), 4.10-1 (“Land Use Designation Map (Source Line Route)”), and 4.10-2 (“Land Use Designation Map (Subtransmission Line)”).
- Maps and aerial photographs of current land uses, including designation of parks, recreational, and scenic areas are provided as Figures 4.1-1 (“Regional Landscape Context”), 4.1-4 (“Representative Photographs”), 4.1-5 through 12 (“Existing View and Visual Simulation”(s)), 4.2-1 (“Farmland Map (Subtransmission Line)”), 4.10-1 (“Land Use Designation Map (Source Line Route)”), 4.10-2 (“Land Use Designation Map (Subtransmission Line)”), 4.14-1 (“Public Services Map (Source Line Route)”), 4.14-2 (“Public Services Map (Subtransmission Line)”), 4.15-1 (“Recreation Facilities Map (Source Line Routes)”), 4.15-2 (“Recreation Facilities Map (Subtransmission Line)”), 6-1 (“Planned and Proposed Projects Map (Source Line Route)”), and 6-2 (“Planned and Proposed Projects Map (Subtransmission Line)”).
- Maps showing the location of the 66 kV subtransmission line route, and proximity to existing electrical transmission and power lines, are provided as Figures 1-1 (“Electrical Needs Area”), 1-2 (“Existing and Proposed System Configuration”), 3-6 (“Proposed Telecommunications Route”), 3-4 (“Mira Loma-Jefferson 66 kV Subtransmission Line Route Description”), 4.1-4 (“Representative Photographs”), 4.1-5 through 12 (“Existing View and Visual Simulation”(s)), 4.2-1 (“Farmland Map (Subtransmission Line)”), 4.4-4 (“Special-Status Species Locations Map (Subtransmission Line)”), 4.9-2 (“Hydrologic Features Map (Subtransmission Line)”), and 4.10-2 (“Land Use Designation Map (Subtransmission Line)”).

***c. Reasons for adoption of the power line route or substation location selected, including comparison with alternative routes or locations, including the advantages and disadvantages of each.***

- Reasons for the construction of the Proposed Project, including the challenges and additional environmental impacts associated with alternative routes and sites, are discussed in Section 5.1 (“(Evaluation Methodology”) [including Subsections 5.1.1 (“Circle City Substation Site”), 5.1.1 (“Circle City Substation Site”), 5.1.2 (“Source Line Routes”), 5.1.3 (“Mira Loma-Jefferson Subtransmission Line Route”)], and Section 5.2 (“Alternatives to the Proposed Project”) [including Subsections 5.2.1 (“Alternative Substation Site”), 5.2.2 (“Alternative Source Line Routes”), 5.2.2.1 (“Source Line Route Alternative 1”), 5.2.2.2 (“Source Line Route Alternative 2”), 5.2.2.3 (“Source Line Route Alternative 3”), 5.2.2.4 (“Source Line Route Alternative 4”), and 5.2.3 (“Alternative Mira Loma-Jefferson 66 kV Subtransmission Line Routes”)] and Section 5.3 (“Environmental Impacts”). As discussed therein, construction of those alternative routes and sites would not allow for the development of the Project as feasibly as the proposed route, while also reducing environmental impacts.

***d. A listing of the governmental agencies with which proposed power line route or substation location reviews have been undertaken, including a written agency response to applicant’s written request for a brief position statement by that agency. (Such listing shall include The Native American Heritage Commission, which shall constitute notice on California Indian Reservation Tribal governments.) In the absence of a written agency position statement, the utility may submit a statement of its understanding of the position of such agencies.***

- County of Riverside: SCE conducted initial briefings about the Proposed Project with Supervisor John Tavaglione and his staff in November 2009 during route selection. Staff from Riverside County Flood Control participated in the March 2010 agency workshop and expressed no major concerns with the study area. SCE conducted additional briefings in May 2010 after the preferred routes were selected. The county expressed support for the Proposed Project. SCE has not briefed the county in detail since the City of Eastvale became incorporated in 2010.
- City of Chino: SCE conducted briefings about the Proposed Project with Mike Hitz (Associate Planner), Jim Hill (City Engineer), and Nick Ligouri (Principal Planner) in August 2012 after the preferred route was selected. At that time, the city had concerns about the Lewis Group developing Homecoming Luxury Apartments at Hellman Avenue and Schleisman/Pine Avenue in the near future. The community boundaries are Schleisman/Pine Avenue, Hellman Avenue, Market Street, and East Preserve Loop. Another concern was that Hellman Avenue and Schleisman/Pine Avenue would create a significant intersection once developed, and the city requested that SCE avoid crossing diagonally. The most recent briefing occurred in November 2015. The city expressed no concerns about the Proposed Project.

- City of Corona: SCE conducted initial briefings about the Proposed Project with each member of the City Council and various members of city staff in the summer of 2009 during route selection. The city expressed a desire to have portions of the subtransmission lines placed underground, citing the local underground ordinance. City staff participated in the March 2010 agency workshop. City staff again reiterated a desire to have portions of the subtransmission lines placed underground. SCE conducted additional briefings in August 2012 after the preferred route was selected. The city expressed approval for the preferred substation location, citing its proximity to commercial and industrial uses. SCE has briefed city staff and elected officials on a regular basis, with the most recent briefing occurring in October 2015. The City of Corona expressed an interest in the Proposed Project due to the location of the proposed substation and subtransmission lines.
- City of Eastvale: Prior to Eastvale incorporating on June 8, 2010, briefings were conducted with Riverside County. SCE most recently conducted briefings with Carol Jacobs (City Manager) and George Alvarez (City Engineer) in early 2012. SCE conducted additional individual briefings with the City Manager, city staff, and City Council members in July 2012. The most recent briefing occurred in August 2015. The city wanted to ensure the route would be on the west side of Hellman Avenue, where it is undeveloped, compared to the east side of Hellman Avenue where the curb, gutter, and landscaping have been for 4 years.
- City of Norco: SCE conducted initial briefings about the Proposed Project with Kathy Azevedo (Mayor) and city staff in the summer of 2009 during route selection. SCE conducted additional briefings in August 2012 after the preferred route was selected, and in September 2013 after SCE added additional scope to the Proposed Project. The most recent meeting with city officials was in August 2015. The city expressed a desire to know where the alignment crosses city property versus private property, and requested information about whether wood pole replacements will require any widening along the right-of-way (ROW). The city mentioned that it is planning a number of commercial developments adjacent to the Proposed Project. SCE will continue to work with the city regarding those development activities.
- City of Ontario: SCE conducted initial briefings about the Proposed Project with the City Manager and city staff in July 2012 during route selection. SCE conducted additional briefings in August 2012 after the preferred route was selected. The most recent briefing occurred in September 2013 after SCE added additional scope to the Proposed Project. The city expressed no concerns about the Proposed Project.
- California Department of Transportation: Staff from Caltrans participated in the March 2010 agency workshop. They expressed a desire for SCE to take the future expansion of Interstate 15 and State Route (SR-) 91 into consideration when siting the project.
- BNSF Railway Company: Representatives from BNSF participated in the March 2010 agency workshop and expressed no major concerns with the study area.
- Native American Heritage Commission: In 2010, Southern California Edison (SCE) contacted 18 individuals or groups that were identified by the Native American Heritage

Commission (NAHC) as having interest in or knowledge of the Proposed Project area. As a result of the 2010 outreach, two responses noting interest in the Proposed Project were received—one from the Soboba Band of Luiseño Indians (Soboba) and one from the Pechanga Band of Luiseño Indians (Pechanga). At Pechanga’s request, a Native American Monitor was present for the archaeological survey. The Pechanga Native American Monitor made one field visit and determined that there was minimal potential for encountering intact archaeological deposits due to the heavily disturbed nature of the majority of the Proposed Project area. As a result, the Pechanga Native American Monitor declined to participate in further archaeological surveys of the Proposed Project area.

In 2015, SCE requested an updated contact list from the NAHC to further its outreach efforts. In May and June 2015, SCE contacted 31 individuals or groups that were identified by the NAHC as having interest in or knowledge of the Proposed Project area. As a result of the 2015 outreach, responses from nine individuals or groups have been received as of July 20, 2015. Documentation of the 2010 and 2015 Native American outreach correspondence is provided in Attachment 4.5-A to the PEA (“Native American Correspondence”). ICF International, Inc. researchers contacted the Corona Historic Preservation Society, the Chino Valley Historical Society, the Corona Heritage Foundation, and the Norco Historical Society to inquire if they had information pertinent to the history of the study area or concerns about the Proposed Project. The architectural historian from ICF discussed the Proposed Project with the Treasurer of the Corona Historic Preservation Society.

*e. A PEA or equivalent information on the environmental impact of the project in accordance with the provisions of CEQA and this Commission’s Rules of Practice and Procedure Rule 2.4 [formerly 17.1 and 17.3]. If a PEA is filed, it may include the data described in Items a. through d. above.*

- A PEA is attached to this Application.

**G. Compliance With G.O. 131-D, Section X**

G.O. 131-D, Section X, requires applications for a PTC to describe measures taken to reduce potential exposure to electric and magnetic fields (EMF) generated by the proposed facilities. A complete description of EMF-related issues is contained in SCE’s EMF Field Management Plan for the Project, which is attached as Appendix F to this Application.

**H. Compliance With Rule 2.1(c)**

In compliance with Rule 2.1(c) of the Commission’s Rules of Practice and Procedure (California Code of Regulations, Title 20), SCE is required to state in this Application “[t]he

proposed category for the proceeding, the need for hearing, the issues to be considered, and a proposed schedule.” SCE proposes to categorize this Application as a rate-setting proceeding. SCE anticipates that a hearing will not be necessary. This proceeding involves the Commission’s: (1) environmental review of the Project in compliance with the California Environmental Quality Act (CEQA) (Pub. Resources Code § 21000 *et seq.*) and the Commission’s G.O. 131-D; and (2) issuance of a PTC authorizing SCE to construct the Project.

SCE suggests the following proposed schedule for this Application:

- December 2015                      Application filed
- January 2016                        Application accepted as complete
- April 2016                            Initial Study issued
- January 2017                        Draft CEQA document issued
- June 2017                             Final CEQA document issued
- September 2017                    Proposed Decision issued
- December 2017                     Final Decision issued

**I.     Statutory Authority**

This Application is made pursuant to the provisions of CEQA, G.O. 131-D, the Commission’s Rules of Practice and Procedure, and prior orders and resolutions of the Commission.

**J.     Public Notice**

Pursuant to G.O. 131-D, Section XI.A, notice of this Application shall be given: (1) to certain public agencies and legislative bodies; (2) to owners of property located on or within 300 feet of the project area; (3) by advertisement in a newspaper or newspapers of general circulation; and (4) by posting a notice on-site and off-site at the project location. SCE has given, or will give,

proper notice within the time limits prescribed in G.O. 131-D. A copy of the Notice of Application for a Permit to Construct and list of newspapers which will publish the notice are contained in Appendix D. A copy of the Certificate of Service of Notice of Application for a Permit to Construct and a service list are contained in Appendix E.

**K. Supporting Appendices And Attachment**

Appendices A through F and the attached PEA listed below are made a part of this Application:

- Appendix A: Balance Sheet and Statement of Income as of September 30, 2015
- Appendix B: List of Counties and Municipalities Served by SCE
- Appendix C: Circle City Substation and Mira Loma-Jefferson 66kV Subtransmission Project Schedule
- Appendix D: Notice of Application for a Permit to Construct
- Appendix E: Certificate of Service of Notice of Application for a Permit to Construct
- Appendix F: Field Management Plan
- Attachment: Proponent's Environmental Assessment

**L. Compliance With Rule 2.5**

In accordance with Rule 2.5 of the Commission's Rules of Practice and Procedure, SCE is enclosing a deposit to be applied to the costs the Commission incurs to prepare a negative declaration or an environmental impact report for the Project.

**M. Request For Ex Parte Relief**

SCE requests that the relief requested in this Application be provided *ex parte* as provided for in G.O. 131-D, Section IX.B.6.

**N. Request For Timely Relief**

SCE requests the Commission to issue a decision within the time limits prescribed by Government Code Section 65920 *et seq.* (the Permit Streamlining Act) as provided for in G.O. 131-D, Section IX.B.6.

Moreover, as addressed in the same subsection of G.O. 131-D, SCE requests that the Commission refrain from assigning an ALJ to this proceeding, unless a valid protest is received by the Commission, and in the absence of any valid protest allow the Energy Division to process this Application.<sup>4</sup>

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<sup>4</sup> D.95-08-038, Appendix A, p. 25.

IV.

**CONCLUSION**

SCE respectfully requests the Commission to issue a PTC authorizing SCE to construct the Project described in this Application and the attached PEA. SCE further requests that the relief be provided *ex parte* and within the time limits prescribed by the Permit Streamlining Act.

Respectfully submitted,

SOUTHERN CALIFORNIA EDISON COMPANY

/s/ Pete Dietrich

---

By: Pete Dietrich  
Senior Vice President, Transmission and Distribution

/s/ Tammy Jones

---

By: Tammy Jones  
Attorney for  
SOUTHERN CALIFORNIA EDISON COMPANY  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770  
Telephone: (626) 302-6634  
Facsimile: (626) 302-6736  
E-mail: tammy.jones@sce.com

December 4, 2015

## VERIFICATION

I am an officer of the applicant corporation herein, and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the foregoing document are true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed this 4th day of December, 2015, at Rosemead, California.

*/s/ Pete Dietrich*

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By: Pete Dietrich  
Senior Vice President, Transmission and Distribution  
SOUTHERN CALIFORNIA EDISON COMPANY

**APPENDIX A**

**Balance Sheet and Statement of Income as of  
September 30, 2015**

SOUTHERN CALIFORNIA EDISON COMPANY

BALANCE SHEET  
SEPTEMBER 30, 2015  
ASSETS  
(in millions)

UTILITY PLANT:

Utility plant, at original cost *	\$ 39,243
Less- accumulated provision for depreciation and decommissioning *	8,407
	<u>30,836</u>
Construction work in progress	3,094
Nuclear fuel, at amortized cost	132
	<u>34,062</u>

OTHER PROPERTY AND INVESTMENTS:

Nonutility property - less accumulated depreciation of \$78	75
Nuclear decommissioning trusts	4,388
Other investments	165
	<u>4,628</u>

CURRENT ASSETS:

Cash and equivalents	38
Receivables, less allowances of \$66 for uncollectible accounts	1,185
Accrued unbilled revenue	1,025
Inventory	254
Derivative assets	81
Regulatory assets	473
Other current assets	448
	<u>3,504</u>

DEFERRED CHARGES:

Regulatory assets	8,121
Derivative assets	188
Other long-term assets	319
	<u>8,628</u>
	<u>\$ 50,822</u>

\* Detailed by class on following pages.

SOUTHERN CALIFORNIA EDISON COMPANY

**(h) A balance sheet as of the latest available date, together with an income statement covering the period from close of last year for which an annual report has been filed with the Commission to the date of the balance sheet attached to the application.**

STATEMENT OF INCOME  
NINE MONTHS ENDED SEPTEMBER 30, 2015

(In millions)

OPERATING REVENUE	<u>\$ 9,166</u>
OPERATING EXPENSES:	
Purchase power and fuel	3,648
Other operation and maintenance	2,101
Depreciation, decommissioning and amortization	1,449
Property and other taxes	254
Impairment and other charges	-
Total operating expenses	<u>7,452</u>
OPERATING INCOME	1,714
Interest and other income	93
Interest expense	(398)
Other expenses	(39)
INCOME BEFORE INCOME TAX	<u>1,370</u>
INCOME TAX	<u>207</u>
NET INCOME	1,163
Less: Preferred and preference stock dividend requirements	<u>84</u>
NET INCOME AVAILABLE FOR COMMON STOCK	<u><u>\$ 1,079</u></u>

**APPENDIX B**

**List of Counties and Municipalities Served by SCE**



## Incorporated Cities and Counties Served by SCE

### COUNTIES

Fresno	Kern	Madera	Riverside	Tuolumne
Imperial	Kings	Mono	San Bernardino	Tulare
Inyo	Los Angeles	Orange	Santa Barbara	Ventura

### CITIES

Adelanto	Commerce	Hesperia	Los Alamitos	Port Hueneme	Simi Valley
Agoura Hills	Compton	Hidden Hills	Lynwood	Porterville	South El Monte
Alhambra	Corona	Highland	Malibu	Rancho Cucamonga	South Gate
Aliso Viejo	Costa Mesa	Huntington Beach	Mammoth Lakes	Rancho Mirage	South Pasadena
Apple Valley	Covina	Huntington Park	Manhattan Beach	Rancho Palos Verdes	Stanton
Arcadia	Cudahy	Indian Wells	Maywood	Rancho Santa Margarita	Tehachapi
Artesia	Culver City	Industry	McFarland	Redlands	Temecula
Avalon	Cypress	Inglewood	Menifee	Redondo Beach	Temple City
Baldwin Park	Delano	Irvine	Mission Viejo	Rialto	Thousand Oaks
Barstow	Desert Hot Springs	Irwindale	Monrovia	Ridgecrest	Torrance
Beaumont	Diamond Bar	Jurupa Valley	Montclair	Rolling Hills	Tulare
Bell	Downey	La Canada Flintridge	Montebello	Rolling Hills Estates	Tustin
Bell Gardens	Duarte	La Habra	Monterey Park	Rosemead	Twentynine Palms
Bellflower	Eastvale	La Habra Heights	Moorpark	San Bernardino	Upland
Beverly Hills	El Monte	La Mirada	Moreno Valley	San Gabriel	Valencia
Big Bear Lake	El Segundo	La Palma	Murrieta	San Jacinto	Victorville
Bishop	Exeter	La Puente	Newport Beach	San Marino	Villa Park
Blythe	Farmersville	La Verne	Norco	Santa Ana	Visalia
Bradbury	Fillmore	Laguna Beach	Norwalk	Santa Barbara	Walnut
Brea	Fontana	Laguna Hills	Ojai	Santa Clarita	West Covina
Buena Park	Fountain Valley	Laguna Niguel	Ontario	Santa Fe Springs	West Hollywood
Calabasas	Fullerton	Laguna Woods	Orange	Sierra Madre	Westlake Village
California City	Garden Grove	Lake Elsinore	Oxnard	Signal Hill	Westminster
Calimesa	Gardena	Lake Forest	Palm Desert		Whittier
Camarillo	Glendora	Lakewood	Palm Springs		Wildomar
Canyon Lake	Goleta	Lancaster	Palmdale		Woodlake (Three Rivers)
Carpinteria	Grand Terrace	Lawndale	Palos Verdes		Yorba Linda
Carson	Hanford	Lindsay	Paramount		Yucaipa
Cathedral City	Hawaiian Gardens	Loma Linda	Perris		Yucca Valley
Cerritos	Hawthorne	Lomita	Pico Rivera		
Chino	Hemet	Long Beach	Placentia		
Chino Hills	Hermosa Beach		Pomona		
Claremont					

**APPENDIX C**

**Circle City Substation and Mira Loma-Jefferson 66kV  
Subtransmission Project Schedule**

**Proposed Circle City Substation and Mira Loma – Jefferson Line Project Schedule**

<b><u>Date</u></b>	<b><u>Event</u></b>
December, 2015	Application filed
January, 2016	Application accepted as complete
April, 2016	Initial Study Issued
January, 2017	Draft CEQA document issued
June, 2017	Final CEQA document issued
September, 2017	Proposed Commission Decision issued
December 2017	Final Decision issued
July, 2019	Commence construction
June, 2021	Commence Operation

**APPENDIX D**

**Notice of Application for a Permit to Construct**

## NOTICE OF APPLICATION FOR PERMIT TO CONSTRUCT

### Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project

Date: December 4, 2015

**Proposed Project:** Southern California Edison Company (SCE) has filed a Permit to Construct Application with the California Public Utilities Commission (CPUC) to construct the Circle City and Mira Loma-Jefferson 66 kV Subtransmission Project (Proposed Project). The purpose of the Proposed Project is 1) serve current and long-term peak electrical demand requirements in the ENA as soon as possible after receipt of applicable permits; 2) enhance electrical system reliability by adding transformation and circuitry to serve increased electrical demand and by increasing operational flexibility; 3) construct the new electrical facilities in close proximity to the electrical demand to effectively and efficiently serve the ENA; 4) meet the Proposed Project need while minimizing environmental impacts; 4) meet the Proposed Project need in a cost-effective manner; and 5) design and construct the Proposed Project in conformance with SCE's current engineering, design, and construction standards for substation, transmission, subtransmission, and distribution system projects.

**Project Description:** The Proposed Project is located in portions of northwestern Riverside County, including the cities of Corona, Eastvale, and Norco; and in portions of San Bernardino County, including the cities of Chino and Ontario.

The Proposed Project consists of the following major components:

- Construction of a new 66/12 kilovolt (kV) substation (Circle City Substation). Circle City Substation would be an unstaffed, automated low profile 56 megavolt-ampere (MVA) substation with a potential capacity of 112 MVA at final build out.
- Construction of four new 66 kV subtransmission source lines, including:
  - Two source lines in a double-circuit configuration, which would be a combination of overhead and underground construction.<sup>1</sup> Each would be approximately 1.2 miles in length and would be created by connecting to the existing Chase-Corona-Databank 66 kV Subtransmission Line to form the new Circle City-Corona No. 2 66 kV Subtransmission Line and the new Chase-Circle City-Databank 66 kV Subtransmission Line.
  - Two source lines in a double-circuit configuration, which would be constructed overhead. Each would be approximately 3.5 miles in length and would be created by connecting to the existing Mira Loma-Corona-Pedley 66 kV Subtransmission Line to form the Mira Loma-Circle City-Pedley and the Circle City-Corona No. 1 66 kV Subtransmission Lines.
- Construction of a new 66 kV subtransmission line, which would be a combination of both overhead and underground construction. The proposed Mira Loma-Jefferson 66 kV Subtransmission Line would be approximately 10.9 miles in length and would be constructed from SCE's existing Mira Loma 220/66 kV Substation to a location adjacent to SCE's existing Corona 66/12 kV Substation.
- Upgrade Mira Loma Substation to accommodate the new Mira Loma-Jefferson 66 kV Subtransmission Line.
- Construction of approximately six new underground 12 kV distribution getaways.
- Relocation of approximately 1.9 miles of an existing overhead 33 kV distribution line to a new underground duct bank.
- Installation of telecommunications facilities to connect the Proposed Project to SCE's existing telecommunications system.

Construction is anticipated to begin in the third quarter of 2019 and is planned to be operational by the second quarter of 2021.

**Electric and Magnetic Fields (EMF) Compliance:** The CPUC requires utilities to employ "no-cost" and "low-cost" measures to reduce public exposure to magnetic fields. In accordance with "EMF Design Guidelines" (Decisions 93-11-013 and 06-01-042.), the Proposed Project would implement a combination of the following measures:

1. Utilize subtransmission structure heights that meet or exceed SCE's preferred EMF design criteria
2. Utilize subtransmission line construction that reduces spacing between conductors compared with other designs

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<sup>1</sup> A double-circuit configuration consists of two independent 66 kV lines routed on the same support structures. In overhead construction, both 66 kV subtransmission lines would be routed on the same poles. In an underground construction, both 66 kV subtransmission lines would be routed down from a single pole and then continue underground through a single underground system.

3. Utilize double-circuit construction that reduces spacing between circuits compared with single-circuit construction
4. Arrange conductors of proposed subtransmission line for magnetic field reduction
5. Utilize underground subtransmission construction for engineering reasons
6. Arrange underground cables of proposed subtransmission line for magnetic field reduction
7. Place major substation electrical equipment (such as transformers, switchracks, buses and underground duct banks) away from the substation property lines

**Environmental Review:** SCE has prepared a Proponent's Environmental Assessment (PEA) of potential environmental impacts created by the construction and operation of the Proposed Project. The PEA concludes that with the implementation of Applicant-Proposed Measures (APMs), the majority of the potential significant environmental effects associated with the Proposed Project would be reduced to less than significant levels. However, impacts to Air Quality are expected to be significant and unavoidable.

Pursuant to the California Environmental Quality Act (CEQA), the CPUC's Energy Division will conduct an independent review of the proposed project's environmental impacts. Depending on the results of its review, the Energy Division will issue a Negative Declaration that the proposed project will not result in any significant environmental impacts, or an environmental impact report (EIR) identifying the significant environmental impacts and mitigation measures and alternatives to avoid or reduce them.

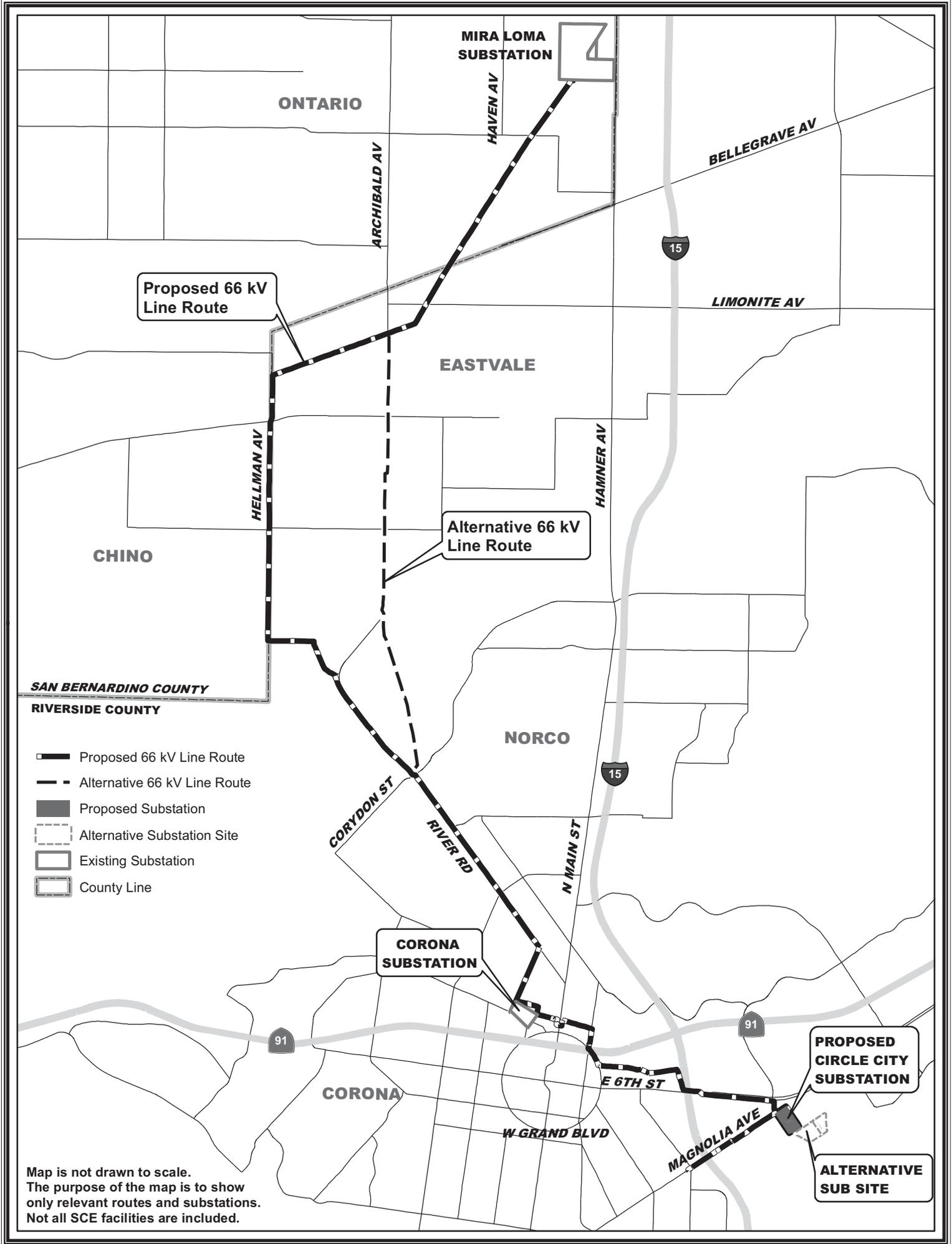
**Public Participation:**

- The public may participate in the environmental review by submitting comments on the Notice of Intent to Approve a Negative Declaration, or on the Notice of Preparation of EIR and draft EIR, and by participating in any scoping meetings or public meetings that may be conducted. For information on the environmental review, contact the CPUC's Energy division at [enviroteam@cpuc.ca.gov](mailto:enviroteam@cpuc.ca.gov) or (415)703-2126.
- Persons wishing to present testimony in evidentiary hearings and/or legal briefing on all other issues, including project need and cost, EMF compliance; and, if one is prepared, whether the EIR complies with CEQA, require party status. Persons may obtain party status by filing a protest to the application by **January 4, 2016**, in compliance with Rule 2.6, or by making a motion for party status at any time in compliance with Rule 1.4, of the CPUC's Rules of Practice and Procedure (posted at [www.cpuc.ca.gov](http://www.cpuc.ca.gov)).
- The public may communicate their views regarding the application by writing to the CPUC at 505 Van Ness Avenue, San Francisco, CA 94102, or by emailing the Public Advisor at [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov). In addition, the CPUC may, at its discretion, hold a public participation hearing in order to take oral public comment.

**Document Subscription Service:** The CPUC's free online subscription service sends subscribers an email notification when any document meeting their subscription criteria is published on the CPUC's website, such as documents filed in a CPUC proceeding (e.g., notices of hearings, rulings, briefs and decisions). To sign up to receive notification of documents filed in this proceeding (or other CPUC matters), visit [www.cpuc.ca.gov/subscription](http://www.cpuc.ca.gov/subscription).

**Contacts:** For assistance from the CPUC, please contact the Public Advisor's Office, Telephone: (866) 849-8390 or (415) 703-2074, TTY (866) 836-7825. Email: [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov). The Los Angeles CPUC Office general information telephone: (866) 849-8390 or (213) 576-7000, General fax number: (213) 576-7007.

To review a copy of SCE's application, or to request further information about the proposed project, please contact SCE's Engagement Team at (866) 464-2005 and select Option 1. You can also visit the Project website at [www.sce.com/circlecity](http://www.sce.com/circlecity).



Proposed 66 kV Line Route

Alternative 66 kV Line Route

CORONA SUBSTATION

PROPOSED CIRCLE CITY SUBSTATION

ALTERNATIVE SUB SITE

SAN BERNARDINO COUNTY  
RIVERSIDE COUNTY

- Proposed 66 kV Line Route
- - - Alternative 66 kV Line Route
- Proposed Substation
- Alternative Substation Site
- Existing Substation
- County Line

Map is not drawn to scale.  
The purpose of the map is to show only relevant routes and substations.  
Not all SCE facilities are included.

## **LIST OF NEWSPAPERS**

### **PUBLISHING THE NOTICE FOR A PERMIT TO CONSTRUCT**

The Press-Enterprise  
3450 Fourteenth Street  
Riverside, CA 92501

Inland Valley Daily Bulletin  
9616 Archibald Ave., Suite 100  
Rancho Cucamonga CA 91730

**APPENDIX E**

**Certificate of Service of Notice of Application for a  
Permit to Construct**

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE  
STATE OF CALIFORNIA**

In the Matter of the Application of SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) for a Permit to Construct Electrical Facilities With Voltages Between 50 kV and 200 kV: Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project

Application No. \_\_\_\_\_

**CERTIFICATE OF SERVICE**

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day served a true copy of **APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U-338-E) FOR A PERMIT TO CONSTRUCT ELECTRICAL FACILITIES WITH VOLTAGES BETWEEN 50 KV AND 200 KV: CIRCLE CITY SUBSTATION AND MIRA LOMA-JEFFERSON SUBTRANSMISSION LINE PROJECT**, on all parties identified on the attached lists.

Service was effected by one or more means indicated below:

- Placing the copies in sealed envelopes and causing such envelopes to be delivered via USPS First Class Mail.

Lists: **Circle City & Mira Loma-Jefferson 66kV 300-Foot List**

- Placing the copies in sealed envelopes and causing such envelopes to be delivered via USPS Certified Mail.

Lists: **Circle City & Mira Loma-Jefferson 66kV Interested Parties List**  
**Circle City & Mira Loma-Jefferson 66kV Agency List**

Executed this **December 4, 2015**, at Rosemead, California.

*/s/ Raquel Ippoliti*

Raquel Ippoliti  
Project Analyst  
SOUTHERN CALIFORNIA EDISON COMPANY  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

**Circle City Substation & Mira Loma-Jefferson Subtransmission Project  
Agency Mailing List for Notice of Application**

Mayor Eugene Montanez City of Corona 400 S. Vicentia Ave Corona CA 92882	Darrell Talbert, City Manager City of Corona 400 S. Vicentia Ave Corona CA 92882	Nelson Nelson, Public Works Director City of Corona 400 S. Vicentia Ave Corona CA 92882
Nancy Grigas, Planning Commission Chair City of Corona 400 S. Vicentia Ave Corona CA 92882	Joanne Coletta, Community Development Director City of Corona 400 S. Vicentia Ave Corona CA 92882	Andy Okoro, City Manager City of Norco 2870 Clark Avenue Norco, California 92860
Mayor Herb Higgins City of Norco 2870 Clark Avenue Norco, California 92860	Lori Askew, Public Works Director City of Norco 2870 Clark Avenue Norco CA 92860	Pat Hedges, Planning Commission Chair City of Norco 2870 Clark Avenue Norco CA 92860
Steve King, Planning Director City of Norco 2870 Clark Avenue Norco CA 92860	Mayor Ike Bootsma City of Eastvale 12363 Limonite Ave, Suite 910 Eastvale, CA 91752	Michele Nissen, City Manager City of Eastvale 12363 Limonite Ave, Suite 910 Eastvale, CA 91752
Eric Norris, Planning Director City of Eastvale 12363 Limonite Ave, Suite 910 Eastvale, CA 91752	Daryl Charlson, Planning Commission Chair City of Eastvale 12363 Limonite Ave, Suite 910 Eastvale, CA 91752	George Alvarez, Public Works Director City of Eastvale 12363 Limonite Ave, Suite 910 Eastvale, CA 91752
Christine Lovell, City Planner City of Chino 13220 Central Avenue Chino, CA 91710	Brandon K. Blanchard, Chair Chino Planning Commission P.O. Box 667 Chino, CA 91708-0667	Jose Alire, Public Works Director City of Chino 13220 Central Avenue Chino, CA 91710
Mayor Dennis Yates City of Chino 13220 Central Avenue Chino, CA 91710	Matthew Ballantyne, City Manager City of Chino 13220 Central Avenue Chino, CA 91710	Nick Liguori, Director of Community Development City of Chino 13220 Central Avenue Chino, CA 91710
Otto Kroutill, Development Director Scott Murphy, Planning Director City of Ontario 303 East "B" Street Ontario, CA 91764	Chairman Willoughby City of Ontario Planning Commission 303 East "B" Street Ontario, CA 91764	Mayor Paul S. Leon City of Ontario 303 East "B" Street Ontario, CA 91764
Al Boling, City Manager City of Ontario 303 East "B" Street Ontario, CA 91764	Anne Mayer, Executive Director Riverside County Transportation Commission P.O.Box 12008 Riverside, CA 92502	Trini Jimenez, Director State Govt. Affairs BNSF One World Trade Center, Ste. 1680 Long Beach, CA 90831

Warren Williams, General Manager Riverside County Flood Control 1995 Market St Riverside CA 92501	John Bulinski, Director California Department of Transportation District 8 464 West 4th Street San Bernardino, CA 92401	Mr. Barry Wallerstein, Executive Officer South Coast Air Quality Management District 21865 Copley Drive Diamond Bar, CA 91765
Richard Corey, Executive Officer California Air Resources Board P.O. Box 2815 Sacramento, CA 95812	Mr. Kurt Berchtold, Acting Executive Officer Santa Ana Regional Water Quality Control Board 3737 Main Street, Suite 500 Riverside, CA 92501-3348	Mr. Tom Howard, Executive Director State Water Resources Control Board 1001 "T" Street Sacramento, CA 95814
Mr. Charlton H. Bonham, Director California Department of Fish and Wildlife 1416 Ninth Street, 12th Floor Sacramento, CA 95814	Mr. Dan Swenson, Section Chief U.S. Army Corps of Engineers Regulatory Division 915 Wilshire Blvd. Los Angeles, CA 90017	Mr. Charles Landry, Executive Director Western Riverside County Regional Conservation Authority Riverside Centre Building 3403 10th Street, Suite 320 Riverside, CA 92501
Robert Oglesby, Executive Dir California Energy Commission 1516 Ninth Street Sacramento, CA 95814-5512	Gary Cathey, Chief Div. of Aeronautics Dept. of Transportation – MS 40 P. O. Box 942874 Sacramento, CA 94274-0001	John Laird, Secretary California Resources Agency 1416 Ninth St. - Suite 1311 Sacramento, CA 95814
Malcolm Dougherty, Director Dept. of Transportation – MS 49 1120 N St. Sacramento, CA 95814	Toby Douglas, Director Department of Health Services 1501 Capitol Ave. - Suite 6001 Sacramento, CA 94234-7320	California Public Utilities Commission Ms. Karen Clopton, Chief ALJ 505 Van Ness Avenue San Francisco, CA 94102
Edward Randolph, Energy Div Dir California Public Utilities Comm. 505 Van Ness Avenue San Francisco, CA 94102	Karen Miller, CPUC Public Advisor California Public Utilities Comm. 505 Van Ness Avenue San Francisco, CA 94102	California Public Utilities Commission Docket Clerk 505 Van Ness Avenue San Francisco, CA 94102
California Public Utilities Commission Connie Chen 505 Van Ness Ave San Francisco, CA 94102	ESA Matt Fagundes 1425 North McDowell Blvd., Suite 200 Petaluma, CA 94954	

**Circle City Substation and Mira Loma-Jefferson Project  
300' Notification List for Notice of Application**

APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
130-080-015	PO BOX 8300	FOUNTAIN VALLEY	CA	92728	N/AVAIL	CORONA CA 92880
121-543-014	2613 STEEPLECHASE WAY	NORCO	CA	92860	2613 STEEPLECHASE WAY	NORCO CA 92860
121-543-013	2623 STEEPLECHASE WAY	NORCO	CA	92860	2623 STEEPLECHASE WAY	NORCO CA 92860
121-543-012	2684 STEEPLECHASE WAY	NORCO	CA	92860	2684 STEEPLECHASE WAY	NORCO CA 92860
121-543-011	2674 STEEPLECHASE WAY	NORCO	CA	92860	2674 STEEPLECHASE WAY	NORCO CA 92860
121-543-010	2664 STEEPLECHASE WAY	NORCO	CA	92860	2664 STEEPLECHASE WAY	NORCO CA 92860
121-543-009	2654 STEEPLECHASE WAY	NORCO	CA	92860	2654 STEEPLECHASE WAY	NORCO CA 92860
121-543-008	2634 STEEPLECHASE WAY	NORCO	CA	92860	2634 STEEPLECHASE WAY	NORCO CA 92860
121-543-007	2624 STEEPLECHASE WAY	NORCO	CA	92860	2624 STEEPLECHASE WAY	NORCO CA 92860
121-543-006	2614 STEEPLECHASE WAY	NORCO	CA	92860	2614 STEEPLECHASE WAY	NORCO CA 92860
121-543-005	2594 STEEPLECHASE WAY	NORCO	CA	92860	2594 STEEPLECHASE WAY	NORCO CA 92860
121-543-004	2584 STEEPLECHASE WAY	NORCO	CA	92860	2584 STEEPLECHASE WAY	NORCO CA 92860
121-543-003	2583 STEEPLECHASE WAY	NORCO	CA	92860	2583 STEEPLECHASE WAY	NORCO CA 92860
121-542-010	4145 EQUESTRIAN LN	NORCO	CA	92860	4145 EQUESTRIAN LN	NORCO CA 92860
121-542-001	4148 SUNDANCE LN	NORCO	CA	92860	4148 SUNDANCE LN	NORCO CA 92860
121-541-003	5728 WACO ST	CHINO	CA	91710	4157 SUNDANCE LN	NORCO CA 92860
121-541-002	4177 SUNDANCE LN	NORCO	CA	92860	4177 SUNDANCE LN	NORCO CA 92860
121-541-001	4197 SUNDANCE LN	NORCO	CA	92860	4197 SUNDANCE LN	NORCO CA 92860
121-361-016	1358 JASMINE CIR	CORONA	CA	92880	1358 JASMINE CIR	CORONA CA 92880
121-361-015	1308 JASMINE CIR	CORONA	CA	92880	1308 JASMINE CIR	CORONA CA 92880
121-361-012	1343 CATHERINE CIR	CORONA	CA	92880	1343 CATHERINE CIR	CORONA CA 92880
121-361-011	1351 CATHERINE CIR	CORONA	CA	92880	1351 CATHERINE CIR	CORONA CA 92880
121-361-010	1356 CATHERINE CIR	CORONA	CA	92880	1356 CATHERINE CIR	CORONA CA 92880
121-361-009	1342 CATHERINE CIR	CORONA	CA	92880	1342 CATHERINE CIR	CORONA CA 92880
121-361-007	1309 FERNWOOD CIR	CORONA	CA	92880	1309 FERNWOOD CIR	CORONA CA 92880
121-361-006	1341 FERNWOOD CIR	CORONA	CA	92880	1341 FERNWOOD CIR	CORONA CA 92880
121-361-005	1353 FERNWOOD CIR	CORONA	CA	92880	1353 FERNWOOD CIR	CORONA CA 92880
121-361-004	14860 LOUIS PASTEUR DR	RIVERSIDE	CA	92508	1357 FERNWOOD CIR	CORONA CA 92880
121-361-003	1306 FERNWOOD CIR	CORONA	CA	92880	1306 FERNWOOD CIR	CORONA CA 92880
121-361-002	1311 JASMINE CIR	CORONA	CA	92880	1311 JASMINE CIR	CORONA CA 92880
121-361-001	7312 DOLPHINE CREST AVE	LAS VEGAS	NV	89129	1355 JASMINE CIR	CORONA CA 92880
121-351-011	1365 OLEANDER CIR	CORONA	CA	92880	1365 OLEANDER CIR	CORONA CA 92880
121-351-010	3815 S WEST TEMPLE	SALT LAKE CITY	UT	84115	1315 OLEANDER CIR	CORONA CA 92880
121-351-009	1312 OLEANDER CIR	CORONA	CA	92880	1312 OLEANDER CIR	CORONA CA 92880
121-351-008	1368 OLEANDER CIR	CORONA	CA	92880	1368 OLEANDER CIR	CORONA CA 92880
121-351-007	1387 OXFORD CIR	CORONA	CA	92880	1387 OXFORD CIR	CORONA CA 92880
121-351-006	1341 OXFORD CIR	CORONA	CA	92880	1341 OXFORD CIR	CORONA CA 92880
121-351-005	1309 OXFORD CIR	CORONA	CA	92880	1309 OXFORD CIR	CORONA CA 92880
121-351-004	1312 OXFORD CIR	CORONA	CA	92880	1312 OXFORD CIR	CORONA CA 92880
121-351-003	1348 OXFORD CIR	CORONA	CA	92880	1348 OXFORD CIR	CORONA CA 92880
121-351-002	1390 OXFORD CIR	CORONA	CA	92880	1390 OXFORD CIR	CORONA CA 92880
121-351-001	1863 FAIRVIEW DR	CORONA	CA	92880	1863 FAIRVIEW DR	CORONA CA 92880
121-342-008	1609 FAIRVIEW DR	CORONA	CA	92880	1609 FAIRVIEW DR	CORONA CA 92880
121-342-007	1613 FAIRVIEW DR	CORONA	CA	92880	1613 FAIRVIEW DR	CORONA CA 92880
121-342-006	1617 FAIRVIEW DR	CORONA	CA	92880	1617 FAIRVIEW DR	CORONA CA 92880
121-342-005	1621 FAIRVIEW DR	CORONA	CA	92880	1621 FAIRVIEW DR	CORONA CA 92880
121-342-004	1233 CANYON CIR	CORONA	CA	92880	1233 CANYON CIR	CORONA CA 92880
121-342-003	1275 CANYON CIR	CORONA	CA	92880	1275 CANYON CIR	CORONA CA 92880
121-342-002	1278 CANYON CIR	CORONA	CA	92880	1278 CANYON CIR	CORONA CA 92880
121-342-001	1236 CANYON CIR	CORONA	CA	92880	1236 CANYON CIR	CORONA CA 92880
121-334-013	1233 DALE CIR	CORONA	CA	92880	1233 DALE CIR	CORONA CA 92880
121-334-012	1265 DALE CIR	CORONA	CA	92880	1265 DALE CIR	CORONA CA 92880
121-334-011	1293 DALE CIR	CORONA	CA	92880	1293 DALE CIR	CORONA CA 92880
121-334-010	1296 DALE CIR	CORONA	CA	92880	1296 DALE CIR	CORONA CA 92880
121-334-009	1268 DALE CIR	CORONA	CA	92880	1268 DALE CIR	CORONA CA 92880
121-334-006	1283 DOVER CIR	CORONA	CA	92880	1283 DOVER CIR	CORONA CA 92880
121-334-005	201 ISABELLA ST	PITTSBURGH	PA	15212	1295 DOVER CIR	CORONA CA 92880
121-334-004	1298 DOVER CIR	CORONA	CA	92880	1298 DOVER CIR	CORONA CA 92880
121-334-003	1286 DOVER CIR	CORONA	CA	92880	1286 DOVER CIR	CORONA CA 92880
121-310-090	8919 MERRILL AVE	CHINO	CA	91710	N/AVAIL	CORONA CA 92880
121-310-087	8919 MERRILL AVE	CHINO	CA	91710	N/AVAIL	CORONA CA 92880
121-310-086	8919 MERRILL AVE	CHINO	CA	91710	2651 RIVER RD	CORONA CA 92880
121-310-016	4329 TRAIL ST	NORCO	CA	92860	4329 TRAIL ST	NORCO CA 92860
121-310-015	4285 TRAIL ST	NORCO	CA	92860	4285 TRAIL ST	NORCO CA 92860
121-310-014	9561 BOX SPRINGS MOUNTAIN RD	MORENO VALLEY	CA	92557	4265 TRAIL ST	NORCO CA 92860
121-310-013	2433 WAGON WHEEL RD	NORCO	CA	92860	2433 WAGON WHEEL RD	NORCO CA 92860
121-310-012	2453 WAGON WHEEL RD	NORCO	CA	92860	2453 WAGON WHEEL RD	NORCO CA 92860
121-310-011	2473 WAGON WHEEL RD	NORCO	CA	92860	2473 WAGON WHEEL RD	NORCO CA 92860
121-310-010	2503 WAGON WHEEL RD	NORCO	CA	92860	2503 WAGON WHEEL RD	NORCO CA 92860
121-310-009	2513 WAGON WHEEL RD	NORCO	CA	92860	2513 WAGON WHEEL RD	NORCO CA 92860
121-310-008	2523 WAGON WHEEL RD	NORCO	CA	92860	2523 WAGON WHEEL RD	NORCO CA 92860
121-310-007	2533 WAGON WHEEL RD	NORCO	CA	92860	2533 WAGON WHEEL RD	NORCO CA 92860
121-310-006	5572 ROUNDUP RD	NORCO	CA	92860	2553 WAGON WHEEL RD	NORCO CA 92860
121-310-005	2563 WAGON WHEEL RD	NORCO	CA	92860	2563 WAGON WHEEL RD	NORCO CA 92860
121-293-004	2355 KIPS KORNER RD	NORCO	CA	92860	2355 KIPS KORNER RD	NORCO CA 92860
121-293-003	2345 KIPS KORNER RD	NORCO	CA	92860	2345 KIPS KORNER RD	NORCO CA 92860
121-293-002	2120 BLAKEMORE LN	LA GRANGE	KY	40031	2335 KIPS KORNER RD	NORCO CA 92860
121-293-001	2325 KIPS KORNER RD	NORCO	CA	92860	2325 KIPS KORNER RD	NORCO CA 92860
121-292-019	2211 SANTA ANITA RD	NORCO	CA	92860	2211 SANTA ANITA RD	NORCO CA 92860
121-292-018	571 S SILVERADO WAY	ANAHEIM	CA	92807	2191 SANTA ANITA RD	NORCO CA 92860
121-292-010	2161 SANTA ANITA RD	NORCO	CA	92860	2161 SANTA ANITA RD	NORCO CA 92860
121-292-009	2151 SANTA ANITA RD	NORCO	CA	92860	2151 SANTA ANITA RD	NORCO CA 92860

**Circle City Substation and Mira Loma-Jefferson Project  
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APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
121-292-008	PO BOX 515	NORCO	CA	92860	2141 SANTA ANITA RD	NORCO CA 92860
121-292-007	2131 SANTA ANITA RD	NORCO	CA	92860	2131 SANTA ANITA RD	NORCO CA 92860
121-292-006	2121 SANTA ANITA RD	NORCO	CA	92860	2121 SANTA ANITA RD	NORCO CA 92860
121-292-005	2107 SANTA ANITA RD	NORCO	CA	92860	2107 SANTA ANITA RD	NORCO CA 92860
121-291-011	2102 SANTA ANITA RD	NORCO	CA	92860	2102 SANTA ANITA RD	NORCO CA 92860
121-291-010	2110 SANTA ANITA RD	NORCO	CA	92860	2110 SANTA ANITA RD	NORCO CA 92860
121-291-009	2120 SANTA ANITA RD	NORCO	CA	92860	2120 SANTA ANITA RD	NORCO CA 92860
121-291-008	2130 SANTA ANITA RD	NORCO	CA	92860	2130 SANTA ANITA RD	NORCO CA 92860
121-291-007	2140 SANTA ANITA RD	NORCO	CA	92860	2140 SANTA ANITA RD	NORCO CA 92860
121-291-006	2150 SANTA ANITA RD	NORCO	CA	92860	2150 SANTA ANITA RD	NORCO CA 92860
121-291-005	2160 SANTA ANITA RD	NORCO	CA	92860	2160 SANTA ANITA RD	NORCO CA 92860
121-291-004	2170 SANTA ANITA RD	NORCO	CA	92860	2170 SANTA ANITA RD	NORCO CA 92860
121-291-003	2180 SANTA ANITA RD	NORCO	CA	92860	2180 SANTA ANITA RD	NORCO CA 92860
121-291-002	2190 SANTA ANITA RD	NORCO	CA	92860	2190 SANTA ANITA RD	NORCO CA 92860
121-291-001	5510 HIGHPOINT DR	CRESTWOOD	KY	40014	2212 SANTA ANITA RD	NORCO CA 92860
121-271-011	2834 HÄMNER AVE # 508	NORCO	CA	92860	2324 CORYDON AVE	NORCO CA 92860
121-271-010	2334 CORYDON AVE	NORCO	CA	92860	2334 CORYDON AVE	NORCO CA 92860
121-271-009	2344 CORYDON AVE	NORCO	CA	92860	2344 CORYDON AVE	NORCO CA 92860
121-271-008	2354 CORYDON AVE	NORCO	CA	92860	2354 CORYDON AVE	NORCO CA 92860
121-262-013	2252 SANTA ANITA RD	NORCO	CA	92860	2242 SANTA ANITA RD	NORCO CA 92860
121-262-012	2252 SANTA ANITA RD	NORCO	CA	92860	2252 SANTA ANITA RD	NORCO CA 92860
121-262-011	2262 SANTA ANITA RD	NORCO	CA	92860	2262 SANTA ANITA RD	NORCO CA 92860
121-262-010	2272 SANTA ANITA RD	NORCO	CA	92860	2272 SANTA ANITA RD	NORCO CA 92860
121-262-009	2282 SANTA ANITA RD	NORCO	CA	92860	2282 SANTA ANITA RD	NORCO CA 92860
121-262-008	2292 SANTA ANITA RD	NORCO	CA	92860	2292 SANTA ANITA RD	NORCO CA 92860
121-262-007	2334 SANTA ANITA RD	NORCO	CA	92860	2334 SANTA ANITA RD	NORCO CA 92860
121-262-006	2344 SANTA ANITA RD	NORCO	CA	92860	2344 SANTA ANITA RD	NORCO CA 92860
121-262-005	2354 SANTA ANITA RD	NORCO	CA	92860	2354 SANTA ANITA RD	NORCO CA 92860
121-262-004	2364 SANTA ANITA RD	NORCO	CA	92860	2364 SANTA ANITA RD	NORCO CA 92860
121-262-003	2374 SANTA ANITA RD	NORCO	CA	92860	2374 SANTA ANITA RD	NORCO CA 92860
121-262-002	2384 SANTA ANITA RD	NORCO	CA	92860	2384 SANTA ANITA RD	NORCO CA 92860
121-262-001	2394 SANTA ANITA RD	NORCO	CA	92860	2394 SANTA ANITA RD	NORCO CA 92860
121-261-016	2357 CORYDON AVE	NORCO	CA	92860	2357 CORYDON AVE	NORCO CA 92860
121-261-015	3070 SHADOW CANYON CIR	NORCO	CA	92860	2356 GOLDEN GATE CIR	NORCO CA 92860
121-261-008	2359 GOLDEN GATE CIR	NORCO	CA	92860	2359 GOLDEN GATE CIR	NORCO CA 92860
121-261-007	2297 SANTA ANITA RD	NORCO	CA	92860	2297 SANTA ANITA RD	NORCO CA 92860
121-261-006	2285 SANTA ANITA RD	NORCO	CA	92860	2285 SANTA ANITA RD	NORCO CA 92860
121-261-005	2279 SANTA ANITA RD	NORCO	CA	92860	2279 SANTA ANITA RD	NORCO CA 92860
121-261-004	2269 SANTA ANITA RD	NORCO	CA	92860	2269 SANTA ANITA RD	NORCO CA 92860
121-261-003	2259 SANTA ANITA RD	NORCO	CA	92860	2259 SANTA ANITA RD	NORCO CA 92860
121-261-002	2249 SANTA ANITA RD	NORCO	CA	92860	2249 SANTA ANITA RD	NORCO CA 92860
121-261-001	2239 SANTA ANITA RD	NORCO	CA	92860	2239 SANTA ANITA RD	NORCO CA 92860
121-250-034	31581 AGUACATE RD	SAN JUAN CAPO	CA	92675	2075 RIVER RD	NORCO CA 92860
121-250-033	3818 E CORONADO ST	ANAHEIM	CA	92807	1943 RIVER RD	NORCO CA 92860
121-250-003	PO BOX 711	DALLAS	TX	75221	1933 RIVER RD	NORCO CA 92860
121-232-024	1189 COUNTRY CLUB LN	CORONA	CA	92880	1189 COUNTRY CLUB LN	CORONA CA 92880
121-232-023	1181 COUNTRY CLUB LN	CORONA	CA	92880	1181 COUNTRY CLUB LN	CORONA CA 92880
121-232-022	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
121-231-015	1605 FAIRVIEW DR	CORONA	CA	92880	1605 FAIRVIEW DR	CORONA CA 92880
121-180-014	8919 MERRILL AVE	CHINO	CA	91710	N/AVAIL	CORONA CA 92880
121-110-003	25681 WESTON DR	LAGUNA NIGUEL	CA	92677	2877 RIVER RD	NORCO CA 92860
121-110-001	2870 CLARK AVE	NORCO	CA	92860	N/AVAIL	NORCO CA 92860
121-060-007	5036 BLUFF ST	NORCO	CA	92860	4193 BLUFF ST	NORCO CA 92860
121-060-001	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	NORCO CA 92860
121-050-032	4620 BLUFF ST	CORONA	CA	92880	N/AVAIL	CORONA CA 92880
121-050-031	4620 BLUFF ST	CORONA	CA	92880	4620 BLUFF ST	CORONA CA 92880
121-050-005	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	NORCO CA 92860
119-550-060	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
119-550-059	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92880
119-550-057	10604 N TRADEMARK PKWY STE 308	RANCHO CUCAMON	CA	91730	N/AVAIL	CORONA CA 92880
119-550-041	901 MAIN ST STE 4700	DALLAS	TX	75202	895 PATHFINDER WAY	CORONA CA 92880
119-550-040	14952 DAHLQUIST RD	IRVINE	CA	92604	901 PATHFINDER WAY	CORONA CA 92880
119-550-039	907 PATHFINDER WAY	CORONA	CA	92880	907 PATHFINDER WAY	CORONA CA 92880
119-550-038	10604 N TRADEMARK PKWY STE 308	RANCHO CUCAMON	CA	91730	N/AVAIL	CORONA CA 92880
119-550-037	849 NOLAN WAY	CORONA	CA	92880	849 NOLAN WAY	CORONA CA 92880
119-550-036	857 NOLAN WAY	CORONA	CA	92880	857 NOLAN WAY	CORONA CA 92880
119-550-035	863 NOLAN WAY	CORONA	CA	92880	863 NOLAN WAY	CORONA CA 92880
119-550-034	869 NOLAN WAY	CORONA	CA	92880	869 NOLAN WAY	CORONA CA 92880
119-550-033	875 NOLAN WAY	CORONA	CA	92880	875 NOLAN WAY	CORONA CA 92880
119-550-032	922 PATHFINDER WAY	CORONA	CA	92880	922 PATHFINDER WAY	CORONA CA 92880
119-550-031	916 PATHFINDER WAY	CORONA	CA	92880	916 PATHFINDER WAY	CORONA CA 92880
119-522-015	934 PRIMROSE LN	CORONA	CA	92880	934 PRIMROSE LN	CORONA CA 92880
119-522-014	930 PRIMROSE LN	CORONA	CA	92880	930 PRIMROSE LN	CORONA CA 92880
119-522-013	924 PRIMROSE LN	CORONA	CA	92880	924 PRIMROSE LN	CORONA CA 92880
119-522-012	920 PRIMROSE LN	CORONA	CA	92880	920 PRIMROSE LN	CORONA CA 92880
119-522-011	914 PRIMROSE LN	CORONA	CA	92880	914 PRIMROSE LN	CORONA CA 92880
119-522-010	910 PRIMROSE LN	CORONA	CA	92880	910 PRIMROSE LN	CORONA CA 92880
119-522-009	904 PRIMROSE LN	CORONA	CA	92880	904 PRIMROSE LN	CORONA CA 92880
119-522-008	900 PRIMROSE LN	CORONA	CA	92880	900 PRIMROSE LN	CORONA CA 92880
119-521-025	10604 N TRADEMARK PKWY STE 308	RANCHO CUCAMON	CA	91730	N/AVAIL	CORONA CA 92880
119-521-015	921 BLOSSOMCREEK LN	CORONA	CA	92880	921 BLOSSOMCREEK LN	CORONA CA 92880
119-521-014	931 BLOSSOMCREEK LN	CORONA	CA	92880	931 BLOSSOMCREEK LN	CORONA CA 92880

**Circle City Substation and Mira Loma-Jefferson Project  
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APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
119-521-013	941 BLOSSOMCREEK LN	CORONA	CA	92880	941 BLOSSOMCREEK LN	CORONA CA 92880
119-521-012	951 BLOSSOMCREEK LN	CORONA	CA	92880	951 BLOSSOMCREEK LN	CORONA CA 92880
119-521-011	961 BLOSSOMCREEK LN	CORONA	CA	92880	961 BLOSSOMCREEK LN	CORONA CA 92880
119-521-010	725 S FIGUEROA ST	LOS ANGELES	CA	90017	N/AVAIL	CORONA CA 92880
119-521-009	901 PRIMROSE LN	CORONA	CA	92880	901 PRIMROSE LN	CORONA CA 92880
119-521-008	905 PRIMROSE LN	CORONA	CA	92880	905 PRIMROSE LN	CORONA CA 92880
119-521-007	911 PRIMROSE LN	CORONA	CA	92880	911 PRIMROSE LN	CORONA CA 92880
119-521-006	915 PRIMROSE LN	CORONA	CA	92880	915 PRIMROSE LN	CORONA CA 92880
119-521-005	921 PRIMROSE LN	CORONA	CA	92880	921 PRIMROSE LN	CORONA CA 92880
119-521-004	925 PRIMROSE LN	CORONA	CA	92880	925 PRIMROSE LN	CORONA CA 92880
119-521-003	931 PRIMROSE LN	CORONA	CA	92880	931 PRIMROSE LN	CORONA CA 92880
119-521-002	935 PRIMROSE LN	CORONA	CA	92880	935 PRIMROSE LN	CORONA CA 92880
119-521-001	161 N MCKINLEY ST STE 120	CORONA	CA	92879	941 PRIMROSE LN	CORONA CA 92880
119-512-031	10604 N TRADEMARK PKWY STE 308	RANCHO CUCAMON	CA	91730	N/AVAIL	CORONA CA 92880
119-512-028	960 PRIMROSE LN	CORONA	CA	92880	960 PRIMROSE LN	CORONA CA 92880
119-512-027	958 FOXTAIL DR	CORONA	CA	92880	958 FOXTAIL DR	CORONA CA 92880
119-502-011	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	510 MALLOY CT	CORONA CA 92880
119-502-010	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	516 MALLOY CT	CORONA CA 92880
119-501-010	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
119-501-009	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
119-501-003	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
119-501-002	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
119-501-001	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
119-490-065	10604 N TRADEMARK PKWY STE 308	RANCHO CUCAMON	CA	91730	N/AVAIL	CORONA CA 92880
119-490-057	971 CLOVER LN	CORONA	CA	92880	971 CLOVER LN	CORONA CA 92880
119-490-056	981 CLOVER LN	CORONA	CA	92880	981 CLOVER LN	CORONA CA 92880
119-490-055	34 TANGLEWOOD	ALISO VIEJO	CA	92656	951 PRIMROSE LN	CORONA CA 92880
119-490-054	961 PRIMROSE LN	CORONA	CA	92880	961 PRIMROSE LN	CORONA CA 92880
119-490-053	971 PRIMROSE LN	CORONA	CA	92880	971 PRIMROSE LN	CORONA CA 92880
119-490-052	34 TANGLEWOOD	ALISO VIEJO	CA	92656	975 PRIMROSE LN	CORONA CA 92880
119-490-051	981 PRIMROSE LN	CORONA	CA	92880	981 PRIMROSE LN	CORONA CA 92880
119-490-050	985 PRIMROSE LN	CORONA	CA	92880	985 PRIMROSE LN	CORONA CA 92880
119-490-049	991 PRIMROSE LN	CORONA	CA	92880	991 PRIMROSE LN	CORONA CA 92880
119-490-048	995 PRIMROSE LN	CORONA	CA	92880	995 PRIMROSE LN	CORONA CA 92880
119-490-047	1001 PRIMROSE LN	CORONA	CA	92880	1001 PRIMROSE LN	CORONA CA 92880
119-490-046	1011 PRIMROSE LN	CORONA	CA	92880	1011 PRIMROSE LN	CORONA CA 92880
119-490-045	817 N DICKEL ST	ANAHEIM	CA	92805	1021 PRIMROSE LN	CORONA CA 92880
119-490-044	1031 PRIMROSE LN	CORONA	CA	92880	1031 PRIMROSE LN	CORONA CA 92880
119-490-043	1041 PRIMROSE LN	CORONA	CA	92880	1041 PRIMROSE LN	CORONA CA 92880
119-490-042	1051 PRIMROSE LN	CORONA	CA	92880	1051 PRIMROSE LN	CORONA CA 92880
119-490-041	24571 ALCOBA DR	MISSION VIEJO	CA	92691	1040 PRIMROSE LN	CORONA CA 92880
119-490-040	990 ACORN LN	CORONA	CA	92880	990 ACORN LN	CORONA CA 92880
119-490-019	971 ACORN LN	CORONA	CA	92880	971 ACORN LN	CORONA CA 92880
119-490-018	981 ACORN LN	CORONA	CA	92880	981 ACORN LN	CORONA CA 92880
119-490-017	38332 CORTE ALEGRIA	TEMECULA	CA	92592	990 PRIMROSE LN	CORONA CA 92880
119-490-016	23441 GOLDEN SPRINGS DR # 352	DIAMOND BAR	CA	91765	988 CLOVER LN	CORONA CA 92880
119-490-015	980 CLOVER LN	CORONA	CA	92880	980 CLOVER LN	CORONA CA 92880
119-400-010	6975 OAK VISTA LN	OAK HILLS	CA	92344	560 W RINCON ST	CORONA CA 92880
119-400-008	PO BOX 2679	CORONA	CA	92878	541 W RINCON ST	CORONA CA 92880
119-400-007	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	561 W RINCON ST	CORONA CA 92880
119-400-006	9376 GUM TREE DR	CORONA	CA	92883	564 BATEMAN CIR	CORONA CA 92880
119-400-005	7641 E CORTO RD	ANAHEIM	CA	92808	544 BATEMAN CIR	CORONA CA 92880
119-400-004	508 BATEMAN CIR	CORONA	CA	92880	508 BATEMAN CIR	CORONA CA 92880
119-400-002	549 BATEMAN CIR	CORONA	CA	92880	549 BATEMAN CIR	CORONA CA 92880
119-400-001	569 BATEMAN CIR	CORONA	CA	92880	569 BATEMAN CIR	CORONA CA 92880
119-381-027	1172 NEWFIELD CIR	CORONA	CA	92880	1172 NEWFIELD CIR	CORONA CA 92880
119-381-026	1162 NEWFIELD CIR	CORONA	CA	92880	1162 NEWFIELD CIR	CORONA CA 92880
119-381-025	1145 NEWFIELD CIR	CORONA	CA	92880	1145 NEWFIELD CIR	CORONA CA 92880
119-381-020	1164 NIMROD CIR	CORONA	CA	92880	1164 NIMROD CIR	CORONA CA 92880
119-381-019	1190 NIMROD CIR	CORONA	CA	92880	1190 NIMROD CIR	CORONA CA 92880
119-381-018	1177 NIMROD CIR	CORONA	CA	92880	1177 NIMROD CIR	CORONA CA 92880
119-381-012	1190 AUBURNDALE ST	CORONA	CA	92880	1190 AUBURNDALE ST	CORONA CA 92880
119-381-011	1308 RIVER RD	CORONA	CA	92880	1308 RIVER RD	CORONA CA 92880
119-381-010	11122 BERMUDA ST	CERRITOS	CA	90703	1318 RIVER RD	CORONA CA 92880
119-381-009	1326 RIVER RD	CORONA	CA	92880	1326 RIVER RD	CORONA CA 92880
119-381-008	1336 RIVER RD	CORONA	CA	92880	1336 RIVER RD	CORONA CA 92880
119-381-007	1344 RIVER RD	CORONA	CA	92880	1344 RIVER RD	CORONA CA 92880
119-381-006	1354 RIVER RD	CORONA	CA	92880	1354 RIVER RD	CORONA CA 92880
119-381-005	1362 RIVER RD	CORONA	CA	92880	1362 RIVER RD	CORONA CA 92880
119-381-004	1372 RIVER RD	CORONA	CA	92880	1372 RIVER RD	CORONA CA 92880
119-381-003	1380 RIVER RD	CORONA	CA	92880	1380 RIVER RD	CORONA CA 92880
119-381-002	13980 RIVERGLEN DR	EASTVALE	CA	92880	1390 RIVER RD	CORONA CA 92880
119-381-001	1398 RIVER RD	CORONA	CA	92880	1398 RIVER RD	CORONA CA 92880
119-332-008	1167 NEATHERLY CIR	CORONA	CA	92880	1167 NEATHERLY CIR	CORONA CA 92880
119-332-007	1159 NEATHERLY CIR	CORONA	CA	92880	1159 NEATHERLY CIR	CORONA CA 92880
119-332-006	1151 NEATHERLY CIR	CORONA	CA	92880	1151 NEATHERLY CIR	CORONA CA 92880
119-331-019	7385 EXCELSIOR DR	CORONA	CA	92880	1177 SPRINGBROOK ST	CORONA CA 92880
119-331-018	1169 SPRINGBROOK ST	CORONA	CA	92880	1169 SPRINGBROOK ST	CORONA CA 92880
119-331-017	1161 SPRINGBROOK ST	CORONA	CA	92880	1161 SPRINGBROOK ST	CORONA CA 92880
119-331-003	1152 NEATHERLY CIR	CORONA	CA	92880	1152 NEATHERLY CIR	CORONA CA 92880
119-331-002	1160 NEATHERLY CIR	CORONA	CA	92880	1160 NEATHERLY CIR	CORONA CA 92880
119-331-001	3101 S BRISTOL ST APT 231	SANTA ANA	CA	92704	1168 NEATHERLY CIR	CORONA CA 92880

**Circle City Substation and Mira Loma-Jefferson Project  
300' Notification List for Notice of Application**

APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
119-320-065	1825 3RD ST	RIVERSIDE	CA	92507	31 E GRAND BLVD	CORONA CA 92879
119-320-064	PO BOX 12008	RIVERSIDE	CA	92502	N/AVAIL	CORONA CA 92879
119-320-059	PO BOX 12008	RIVERSIDE	CA	92502	258 BLAINE ST	CORONA CA 92879
119-320-058	PO BOX 12008	RIVERSIDE	CA	92502	260 BLAINE ST	CORONA CA 92879
119-320-057	240 N JOY ST	CORONA	CA	92879	240 N JOY ST	CORONA CA 92879
119-320-056	603 LOCUST ST	CORONA	CA	92879	310 N JOY ST	CORONA CA 92879
119-320-049	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
119-320-039	1339 SHADOWGLEN WAY	CORONA	CA	92882	150 DEPOT DR	CORONA CA 92882
119-320-038	1220 E BALL RD	ANAHEIM	CA	92805	201 DEPOT DR	CORONA CA 92882
119-320-037	PO BOX 31	ANAHEIM	CA	92815	100 W BLAINE ST	CORONA CA 92880
119-320-036	1220 E BALL RD	ANAHEIM	CA	92805	299 N SHERIDAN ST	CORONA CA 92880
119-320-034	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92882
119-320-031	4080 LEMON ST	RIVERSIDE	CA	92501	120 N JOY ST	CORONA CA 92879
119-320-030	120 N JOY ST	CORONA	CA	92879	160 N JOY ST	CORONA CA 92879
119-320-029	2107 SANTA ANITA RD	NORCO	CA	92860	180 N JOY ST	CORONA CA 92879
119-320-028	PO BOX 247	CORONA	CA	92878	91 E GRAND BLVD	CORONA CA 92879
119-320-027	23 SPICEWOOD	ALISO VIEJO	CA	92656	95 E GRAND BLVD	CORONA CA 92879
119-320-010	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
119-311-043	301 BLAINE ST	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
119-311-042	301 BLAINE ST	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
119-311-041	301 BLAINE ST	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
119-311-040	301 BLAINE ST	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
119-311-039	301 BLAINE ST	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
119-311-038	19048 E HOLLYVALE ST	GLENDORA	CA	91740	339 BLAINE ST	CORONA CA 92879
119-311-037	369 BLAINE ST	CORONA	CA	92879	369 BLAINE ST	CORONA CA 92879
119-311-036	7555 W SANTA MARIA VIS	PRESCOTT	AZ	86305	469 BLAINE ST	CORONA CA 92879
119-311-035	620 JILLIAN ASHLEY WAY	CORONA	CA	92881	470 E HARRISON ST	CORONA CA 92879
119-311-034	29 CALLE ARAGON	LAGUNA WOODS	CA	92637	440 E HARRISON ST	CORONA CA 92879
119-311-033	390 E HARRISON ST	CORONA	CA	92879	390 E HARRISON ST	CORONA CA 92879
119-311-032	29 CALLE ARAGON	LAGUNA WOODS	CA	92637	360 E HARRISON ST	CORONA CA 92879
119-311-030	930 CEDAR ST	CORONA	CA	92879	409 BLAINE ST	CORONA CA 92879
119-311-029	403 BLAINE ST	CORONA	CA	92879	403 BLAINE ST	CORONA CA 92879
119-311-025	1260 MOUNTAIN AVE	NORCO	CA	92860	100 E HARRISON ST	CORONA CA 92879
119-311-019	211 W RINCON ST STE 108	CORONA	CA	92880	N/AVAIL	CORONA CA 92879
119-311-018	1660 TAMARRON DR	CORONA	CA	92883	N/AVAIL	CORONA CA 92879
119-311-017	211 W RINCON ST STE 108	CORONA	CA	92880	N/AVAIL	CORONA CA 92879
119-311-016	211 W RINCON ST STE 108	CORONA	CA	92880	207 BLAINE ST	CORONA CA 92879
119-311-015	628 LANCER LN	CORONA	CA	92879	209 BLAINE ST	CORONA CA 92879
119-311-014	628 LANCER LN	CORONA	CA	92879	209 BLAINE ST	CORONA CA 92879
119-311-013	628 LANCER LN	CORONA	CA	92879	646 FORD ST	CORONA CA 92879
119-311-008	301 BLAINE ST	CORONA	CA	92879	301 BLAINE ST	CORONA CA 92879
119-311-005	646 FORD ST	CORONA	CA	92879	302 E HARRISON ST	CORONA CA 92879
119-311-004	2640 MACADAMIA CT	CHINO HILLS	CA	91709	280 E HARRISON ST	CORONA CA 92879
119-311-003	646 FORD ST	CORONA	CA	92879	240 E HARRISON ST	CORONA CA 92879
119-311-002	646 FORD ST	CORONA	CA	92879	122 E HARRISON ST	CORONA CA 92879
119-300-076	520 S SEPULVEDA BLVD STE 204	LOS ANGELES	CA	90049	235 N JOY ST	CORONA CA 92879
119-300-075	265 N JOY ST	CORONA	CA	92879	265 N JOY ST	CORONA CA 92879
119-300-074	580 E HARRISON ST	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
119-300-073	29506 SPOTTED BULL LN	SAN JUAN CAPO	CA	92675	325 N JOY ST	CORONA CA 92879
119-290-051	211 W RINCON ST STE 108	CORONA	CA	92880	320 N MAIN ST	CORONA CA 92880
119-290-050	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	302 N SHERIDAN ST	CORONA CA 92880
119-290-049	400 S VICENTIA AVE	CORONA	CA	92882	420 W HARRISON ST	CORONA CA 92880
119-290-045	355,357&359 SHERIDAN ST	CORONA	CA	92880	355 N SHERIDAN ST	CORONA CA 92880
119-290-044	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	350 W RINCON ST	CORONA CA 92880
119-290-042	18701 VALLEY DR	VILLA PARK	CA	92861	450 N SHERIDAN ST	CORONA CA 92880
119-290-040	PO BOX 173382	DENVER	CO	80217	451 N COTA ST	CORONA CA 92880
119-290-033	211 W RINCON ST STE 108	CORONA	CA	92880	320 N MAIN ST	CORONA CA 92880
119-290-032	12155 MAGNOLIA AVE	RIVERSIDE	CA	92503	421 N COTA ST	CORONA CA 92880
119-290-027	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
119-290-021	556 MALLOY CT	CORONA	CA	92880	325 N COTA ST	CORONA CA 92880
119-251-068	223 E THOUSAND OAKS BLVD STE 202	THOUSAND OAKS	CA	91360	N/AVAIL	CORONA CA 92880
119-251-024	482 RIO CT	CORONA	CA	92880	482 RIO CT	CORONA CA 92880
119-251-023	472 RIO CT	CORONA	CA	92880	472 RIO CT	CORONA CA 92880
119-251-022	464 RIO CT	CORONA	CA	92880	464 RIO CT	CORONA CA 92880
119-251-021	465 KLAMATH ST	CORONA	CA	92880	465 KLAMATH ST	CORONA CA 92880
119-251-020	477 KLAMATH ST	CORONA	CA	92880	477 KLAMATH ST	CORONA CA 92880
119-251-019	483 KLAMATH ST	CORONA	CA	92880	483 KLAMATH ST	CORONA CA 92880
119-251-018	484 KLAMATH ST	CORONA	CA	92880	484 KLAMATH ST	CORONA CA 92880
119-251-017	478 KLAMATH ST	CORONA	CA	92880	478 KLAMATH ST	CORONA CA 92880
119-251-016	466 KLAMATH ST	CORONA	CA	92880	466 KLAMATH ST	CORONA CA 92880
119-251-015	829 PIRU CT	CORONA	CA	92880	829 PIRU CT	CORONA CA 92880
119-251-014	817 PIRU CT	CORONA	CA	92880	817 PIRU CT	CORONA CA 92880
119-251-013	805 PIRU CT	CORONA	CA	92880	805 PIRU CT	CORONA CA 92880
119-251-012	804 PYRAMID CT	CORONA	CA	92880	804 PYRAMID CT	CORONA CA 92880
119-251-011	814 PYRAMID CT	CORONA	CA	92880	814 PYRAMID CT	CORONA CA 92880
119-251-010	824 PYRAMID CT	CORONA	CA	92880	824 PYRAMID CT	CORONA CA 92880
119-250-019	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
119-250-017	2401 S BROADWAY	LOS ANGELES	CA	90007	410 RIVER RD	CORONA CA 92880
119-250-008	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
119-250-002	155 WHITE RIVER LN	CORONA	CA	92881	N/AVAIL	CORONA CA 92880
119-230-015	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92880
119-230-012	1535 DOLPHIN TER	CORONA DEL MAR	CA	92625	312 N COTA ST	CORONA CA 92880

**Circle City Substation and Mira Loma-Jefferson Project  
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APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
119-230-011	1535 DOLPHIN TER	CORONA DEL MAR	CA	92625	310 N COTA ST	CORONA CA 92880
119-220-038	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92880
119-190-015	852 MANHATTAN BEACH BLVD	MANHATTAN BEACH	CA	90266	500 HARRINGTON ST	CORONA CA 92880
119-190-011	1024 BELLEVILLE CT	CLAREMONT	CA	91711	688 N COTA ST	CORONA CA 92880
119-190-006	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
119-190-002	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
119-180-011	26 CORPORATE PARK	IRVINE	CA	92606	890 HOTSPRING DR	CORONA CA 92880
119-140-012	1111 BLOSSOM HILL DR	CORONA	CA	92880	1111 BLOSSOM HILL DR	CORONA CA 92880
119-140-011	10101 SLATER AVE STE 138	FOUNTAIN VALLEY	CA	92708	1053 BLOSSOM HILL DR	CORONA CA 92880
119-140-001	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92880
119-131-018	1171 BLOSSOM HILL DR	CORONA	CA	92880	1171 BLOSSOM HILL DR	CORONA CA 92880
119-131-017	1179 BLOSSOM HILL DR	CORONA	CA	92880	1179 BLOSSOM HILL DR	CORONA CA 92880
119-131-016	1183 BLOSSOM HILL DR	CORONA	CA	92880	1183 BLOSSOM HILL DR	CORONA CA 92880
119-131-015	1205 BLOSSOM HILL DR	CORONA	CA	92880	1205 BLOSSOM HILL DR	CORONA CA 92880
119-131-014	1217 BLOSSOM HILL DR	CORONA	CA	92880	1217 BLOSSOM HILL DR	CORONA CA 92880
119-131-013	1229 BLOSSOM HILL DR	CORONA	CA	92880	1229 BLOSSOM HILL DR	CORONA CA 92880
119-131-012	1241 BLOSSOM HILL DR	CORONA	CA	92880	1241 BLOSSOM HILL DR	CORONA CA 92880
119-131-011	1253 BLOSSOM HILL DR	CORONA	CA	92880	1253 BLOSSOM HILL DR	CORONA CA 92880
119-131-010	1265 BLOSSOM HILL DR	CORONA	CA	92880	1265 BLOSSOM HILL DR	CORONA CA 92880
119-131-009	1276 RIVER RD	CORONA	CA	92880	1276 RIVER RD	CORONA CA 92880
119-131-008	1254 RIVER RD	CORONA	CA	92880	1254 RIVER RD	CORONA CA 92880
119-131-007	1242 RIVER RD	CORONA	CA	92880	1242 RIVER RD	CORONA CA 92880
119-131-006	1230 RIVER RD	CORONA	CA	92880	1230 RIVER RD	CORONA CA 92880
119-131-005	1218 RIVER RD	CORONA	CA	92880	1218 RIVER RD	CORONA CA 92880
119-131-004	1206 RIVER RD	CORONA	CA	92880	1206 RIVER RD	CORONA CA 92880
119-131-003	1186 RIVER RD	CORONA	CA	92880	1186 RIVER RD	CORONA CA 92880
119-131-002	1176 RIVER RD	CORONA	CA	92880	1176 RIVER RD	CORONA CA 92880
119-131-001	5072 ANDREW DR	LA PALMA	CA	90623	1166 RIVER RD	CORONA CA 92880
119-092-020	1166 NORCREST ST	CORONA	CA	92880	1166 NORCREST ST	CORONA CA 92880
119-092-019	1587 GREENPOINT DR	CORONA	CA	92880	1587 GREENPOINT DR	CORONA CA 92880
119-092-018	1575 GREENPOINT DR	CORONA	CA	92880	1575 GREENPOINT DR	CORONA CA 92880
119-092-017	1563 GREENPOINT DR	CORONA	CA	92880	1563 GREENPOINT DR	CORONA CA 92880
119-092-016	1551 GREENPOINT DR	CORONA	CA	92880	1551 GREENPOINT DR	CORONA CA 92880
119-092-015	1539 GREENPOINT DR	CORONA	CA	92880	1539 GREENPOINT DR	CORONA CA 92880
119-092-014	1527 GREENPOINT DR	CORONA	CA	92880	1527 GREENPOINT DR	CORONA CA 92880
119-092-013	1515 GREENPOINT DR	CORONA	CA	92880	1515 GREENPOINT DR	CORONA CA 92880
119-092-012	1503 GREENPOINT DR	CORONA	CA	92880	1503 GREENPOINT DR	CORONA CA 92880
119-092-011	1504 RIVER RD	CORONA	CA	92880	1504 RIVER RD	CORONA CA 92880
119-092-010	1516 RIVER RD	CORONA	CA	92880	1516 RIVER RD	CORONA CA 92880
119-092-009	1528 RIVER RD	CORONA	CA	92880	1528 RIVER RD	CORONA CA 92880
119-092-008	1540 RIVER RD	CORONA	CA	92880	1540 RIVER RD	CORONA CA 92880
119-092-007	1552 RIVER RD	CORONA	CA	92880	1552 RIVER RD	CORONA CA 92880
119-092-006	1564 RIVER RD	CORONA	CA	92880	1564 RIVER RD	CORONA CA 92880
119-092-005	1576 RIVER RD	CORONA	CA	92880	1576 RIVER RD	CORONA CA 92880
119-092-004	1588 RIVER RD	CORONA	CA	92880	1588 RIVER RD	CORONA CA 92880
119-092-003	1596 RIVER RD	CORONA	CA	92880	1596 RIVER RD	CORONA CA 92880
119-092-002	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
119-092-001	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92880
119-084-004	903 N VICENTIA AVE	CORONA	CA	92880	903 N VICENTIA AVE	CORONA CA 92880
119-083-007	5423 W LUCKY WAY	SANTA ANA	CA	92704	501 PENROSE DR	CORONA CA 92880
119-083-006	24671 LAS PATRANAS	YORBA LINDA	CA	92887	511 PENROSE DR	CORONA CA 92880
119-083-005	2145 W GRAYSON AVE	ANAHEIM	CA	92801	525 PENROSE DR	CORONA CA 92880
119-083-004	15500 TUSTIN VILLAGE WAY APT 34	TUSTIN	CA	92780	531 PENROSE DR	CORONA CA 92880
119-083-003	PO BOX 10603	SANTA ANA	CA	92711	549 PENROSE DR	CORONA CA 92880
119-082-003	26222 ESCALA DR	MISSION VIEJO	CA	92691	567 PENROSE DR	CORONA CA 92880
119-082-002	26222 ESCALA DR	MISSION VIEJO	CA	92691	575 PENROSE DR	CORONA CA 92880
119-082-001	26222 ESCALA DR	MISSION VIEJO	CA	92691	589 PENROSE DR	CORONA CA 92880
119-081-026	14872 BRAEBURN RD	TUSTIN	CA	92780	586 PENROSE DR	CORONA CA 92880
119-081-025	14872 BRAEBURN RD	TUSTIN	CA	92780	570 PENROSE DR	CORONA CA 92880
119-081-024	PO BOX 17636	IRVINE	CA	92623	562 PENROSE DR	CORONA CA 92880
119-081-023	1820 WOODCREST AVE	LA HABRA	CA	90631	556 PENROSE DR	CORONA CA 92880
119-081-022	11634 DARTMOUTH DR	NORWALK	CA	90650	538 PENROSE DR	CORONA CA 92880
119-081-021	18873 DRY CREEK RD	YORBA LINDA	CA	92886	526 PENROSE DR	CORONA CA 92880
119-081-020	6040 JODIE LN	RIVERSIDE	CA	92509	514 PENROSE DR	CORONA CA 92880
119-081-019	6040 JODIE LN	RIVERSIDE	CA	92509	504 PENROSE DR	CORONA CA 92880
119-081-018	6040 JODIE LN	RIVERSIDE	CA	92509	496 PENROSE DR	CORONA CA 92880
119-081-017	PO BOX 78453	CORONA	CA	92877	484 PENROSE DR	CORONA CA 92880
119-081-016	472 PENROSE DR	CORONA	CA	92880	472 PENROSE DR	CORONA CA 92880
119-081-015	896 N COTA ST	CORONA	CA	92880	896 N COTA ST	CORONA CA 92880
119-081-014	13809 ROPER AVE	NORWALK	CA	90650	884 N COTA ST	CORONA CA 92880
119-081-013	71 FREELAND	IRVINE	CA	92602	872 N COTA ST	CORONA CA 92880
119-081-012	1233 W CONNECTICUT AVE	ANAHEIM	CA	92801	449 RIVER RD	CORONA CA 92880
119-081-011	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	461 RIVER RD	CORONA CA 92880
119-081-010	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	473 RIVER RD	CORONA CA 92880
119-081-009	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	485 RIVER RD	CORONA CA 92880
119-081-008	1055 EL CAMINO DR	COSTA MESA	CA	92626	497 RIVER RD	CORONA CA 92880
119-081-007	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	503 RIVER RD	CORONA CA 92880
119-081-006	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	515 RIVER RD	CORONA CA 92880
119-081-005	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	527 RIVER RD	CORONA CA 92880
119-081-004	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	535 RIVER RD	CORONA CA 92880
119-081-003	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	551 RIVER RD	CORONA CA 92880
119-081-002	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	563 RIVER RD	CORONA CA 92880

**Circle City Substation and Mira Loma-Jefferson Project  
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APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
119-081-001	1055 EL CAMINO DR STE D	COSTA MESA	CA	92626	577 RIVER RD	CORONA CA 92880
119-070-032	606 E CHAPMAN AVE STE 200	ORANGE	CA	92866	931 REBECCA WAY	CORONA CA 92880
119-070-015	18100 VON KARMAN AVE STE 500	IRVINE	CA	92612	N/AVAIL	NORCO CA 92860
119-070-014	18100 VON KARMAN AVE STE 500	IRVINE	CA	92612	827 RIVER RD	CORONA CA 92880
119-070-010	606 E CHAPMAN AVE STE 200	ORANGE	CA	92866	910 SAMAR CT	CORONA CA 92880
119-070-008	18100 VON KARMAN AVE STE 500	IRVINE	CA	92612	851 RIVER RD	CORONA CA 92880
119-061-049	3602 INLAND EMPIRE NO C10	ONTARIO	CA	91764	N/AVAIL	CORONA CA 92880
119-061-048	1012 EVERTON DR	CORONA	CA	92880	1012 EVERTON DR	CORONA CA 92880
119-061-047	1016 EVERTON DR	CORONA	CA	92880	1016 EVERTON DR	CORONA CA 92880
119-061-046	455 N CENTER ST	ORANGE	CA	92866	1020 EVERTON DR	CORONA CA 92880
119-061-045	1024 EVERTON DR	CORONA	CA	92880	1024 EVERTON DR	CORONA CA 92880
119-061-044	1028 EVERTON DR	CORONA	CA	92880	1028 EVERTON DR	CORONA CA 92880
119-061-043	1032 EVERTON DR	CORONA	CA	92880	1032 EVERTON DR	CORONA CA 92880
119-061-041	1031 EVERTON DR	CORONA	CA	92880	1031 EVERTON DR	CORONA CA 92880
119-061-040	3602 INLAND EMPIRE NO C10	ONTARIO	CA	91764	N/AVAIL	CORONA CA 92880
119-061-039	952 BLACKBURN DR	CORONA	CA	92880	952 BLACKBURN DR	CORONA CA 92880
119-061-038	960 BLACKBURN DR	CORONA	CA	92880	960 BLACKBURN DR	CORONA CA 92880
119-061-037	968 BLACKBURN DR	CORONA	CA	92880	968 BLACKBURN DR	CORONA CA 92880
119-061-036	976 BLACKBURN DR	CORONA	CA	92880	976 BLACKBURN DR	CORONA CA 92880
119-061-035	18241 EVERGREEN CIR	VILLA PARK	CA	92861	984 BLACKBURN DR	CORONA CA 92880
119-061-034	1095 S SUNSTREAM LN	ANAHEIM	CA	92808	992 BLACKBURN DR	CORONA CA 92880
119-061-033	7315 MADDOX CT	CORONA	CA	92880	998 BLACKBURN DR	CORONA CA 92880
119-061-012	3602 INLAND EMPIRE NO C10	ONTARIO	CA	91764	N/AVAIL	CORONA CA 92880
119-061-006	9423 LINDEN ST	BELLFLOWER	CA	90706	1033 QUEENSPARK RD	CORONA CA 92880
119-061-005	1029 QUEENSPARK RD	CORONA	CA	92880	1029 QUEENSPARK RD	CORONA CA 92880
119-061-004	1025 QUEENSPARK RD	CORONA	CA	92880	1025 QUEENSPARK RD	CORONA CA 92880
119-061-003	23707 BATEY AVE	HABER CITY	CA	N/AVAIL	1021 QUEENSPARK RD	CORONA CA 92880
119-061-002	991 BLACKBURN DR	CORONA	CA	92880	991 BLACKBURN DR	CORONA CA 92880
119-061-001	981 BLACKBURN DR	CORONA	CA	92880	981 BLACKBURN DR	CORONA CA 92880
119-060-031	3602 INLAND EMPIRE NO C10	ONTARIO	CA	91764	N/AVAIL	CORONA CA 92880
119-060-030	3602 INLAND EMPIRE NO C10	ONTARIO	CA	91764	N/AVAIL	CORONA CA 92880
119-060-022	1114 W ONTARIO AVE	CORONA	CA	92882	N/AVAIL	CORONA CA 92880
119-060-020	1114 W ONTARIO AVE	CORONA	CA	92882	N/AVAIL	CORONA CA 92880
119-060-018	1114 W ONTARIO AVE	CORONA	CA	92882	1009 ARSENAL WAY	CORONA CA 92880
119-052-026	1021 NORMANDY TER	CORONA	CA	92880	1021 NORMANDY TER	CORONA CA 92880
119-052-025	1027 NORMANDY TER	CORONA	CA	92880	1027 NORMANDY TER	CORONA CA 92880
119-052-024	9409 LAPIS CT	CORONA	CA	92883	1031 NORMANDY TER	CORONA CA 92880
119-051-013	1026 SILENT CIR	CORONA	CA	92880	1026 SILENT CIR	CORONA CA 92880
119-051-011	1036 NORMANDY TER	CORONA	CA	92880	1036 NORMANDY TER	CORONA CA 92880
119-051-010	1028 NORMANDY TER	CORONA	CA	92880	1028 NORMANDY TER	CORONA CA 92880
119-051-009	1023 SERENE DR	CORONA	CA	92880	1023 SERENE DR	CORONA CA 92880
119-051-008	1029 SERENE DR	CORONA	CA	92880	1029 SERENE DR	CORONA CA 92880
119-051-007	1033 SERENE DR	CORONA	CA	92880	1033 SERENE DR	CORONA CA 92880
119-051-006	1030 SERENE DR	CORONA	CA	92880	1030 SERENE DR	CORONA CA 92880
119-051-005	1026 SERENE DR	CORONA	CA	92880	1026 SERENE DR	CORONA CA 92880
119-051-004	1022 SERENE DR	CORONA	CA	92880	1022 SERENE DR	CORONA CA 92880
119-051-003	1018 SERENE DR	CORONA	CA	92880	1018 SERENE DR	CORONA CA 92880
119-051-002	1012 SERENE DR	CORONA	CA	92880	1012 SERENE DR	CORONA CA 92880
119-051-001	1004 SERENE DR	CORONA	CA	92880	1004 SERENE DR	CORONA CA 92880
119-043-010	1043 TRANQUIL LN	CORONA	CA	92880	1043 TRANQUIL LN	CORONA CA 92880
119-043-009	1031 TRANQUIL LN	CORONA	CA	92880	1031 TRANQUIL LN	CORONA CA 92880
119-043-008	1025 TRANQUIL LN	CORONA	CA	92880	1025 TRANQUIL LN	CORONA CA 92880
119-043-007	1015 TRANQUIL LN	CORONA	CA	92880	1015 TRANQUIL LN	CORONA CA 92880
119-043-006	1005 TRANQUIL LN	CORONA	CA	92880	1005 TRANQUIL LN	CORONA CA 92880
119-043-005	7229 BEL AIR ST	CORONA	CA	92881	1050 SERENE DR	CORONA CA 92880
119-043-004	1058 SERENE DR	CORONA	CA	92880	1058 SERENE DR	CORONA CA 92880
119-043-003	PMB 131 # 104	CORONA	CA	92882	1070 SERENE DR	CORONA CA 92880
119-043-002	1082 SERENE DR	CORONA	CA	92880	1082 SERENE DR	CORONA CA 92880
119-043-001	13694 BEACONSFIELD LN	CORONA	CA	92880	1090 SERENE DR	CORONA CA 92880
119-042-055	1042 HUSHABYE LN	CORONA	CA	92880	1042 HUSHABYE LN	CORONA CA 92880
119-042-054	1034 HUSHABYE LN	CORONA	CA	92880	1034 HUSHABYE LN	CORONA CA 92880
119-042-053	1035 HUSHABYE LN	CORONA	CA	92880	1035 HUSHABYE LN	CORONA CA 92880
119-042-052	1043 HUSHABYE LN	CORONA	CA	92880	1043 HUSHABYE LN	CORONA CA 92880
119-042-039	1048 LULLABY LN	CORONA	CA	92880	1048 LULLABY LN	CORONA CA 92880
119-042-038	1040 LULLABY LN	CORONA	CA	92880	1040 LULLABY LN	CORONA CA 92880
119-042-037	1041 LULLABY LN	CORONA	CA	92880	1041 LULLABY LN	CORONA CA 92880
119-042-036	1049 LULLABY LN	CORONA	CA	92880	1049 LULLABY LN	CORONA CA 92880
119-042-023	1036 TRANQUIL LN	CORONA	CA	92880	1036 TRANQUIL LN	CORONA CA 92880
119-042-022	1059 SERENE DR	CORONA	CA	92880	1059 SERENE DR	CORONA CA 92880
119-042-021	1071 SERENE DR	CORONA	CA	92880	1071 SERENE DR	CORONA CA 92880
119-042-020	1083 SERENE DR	CORONA	CA	92880	1083 SERENE DR	CORONA CA 92880
119-042-019	2313 W MANLY AVE	SANTA ANA	CA	92704	1095 SERENE DR	CORONA CA 92880
119-042-018	1105 SERENE DR	CORONA	CA	92880	1105 SERENE DR	CORONA CA 92880
119-042-017	1113 SERENE DR	CORONA	CA	92880	1113 SERENE DR	CORONA CA 92880
119-042-016	1119 SERENE DR	CORONA	CA	92880	1119 SERENE DR	CORONA CA 92880
119-042-015	1127 SERENE DR	CORONA	CA	92880	1127 SERENE DR	CORONA CA 92880
119-042-014	1135 SERENE DR	CORONA	CA	92880	1135 SERENE DR	CORONA CA 92880
119-042-013	1143 SERENE DR	CORONA	CA	92880	1143 SERENE DR	CORONA CA 92880
119-042-012	1151 SERENE DR	CORONA	CA	92880	1151 SERENE DR	CORONA CA 92880
119-042-011	1159 SERENE DR	CORONA	CA	92880	1159 SERENE DR	CORONA CA 92880
119-042-010	27372 ALISO CREEK RD	ALISO VIEJO	CA	92656	1167 SERENE DR	CORONA CA 92880
119-042-009	1039 PEACEFUL DR	CORONA	CA	92880	1039 PEACEFUL DR	CORONA CA 92880

**Circle City Substation and Mira Loma-Jefferson Project  
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APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
119-041-024	1002 PEACEFUL DR	CORONA	CA	92880	1002 PEACEFUL DR	CORONA CA 92880
119-041-023	1010 PEACEFUL DR	CORONA	CA	92880	1010 PEACEFUL DR	CORONA CA 92880
119-041-022	1108 SERENE DR	CORONA	CA	92880	1108 SERENE DR	CORONA CA 92880
119-041-021	1116 SERENE DR	CORONA	CA	92880	1116 SERENE DR	CORONA CA 92880
119-041-020	1124 SERENE DR	CORONA	CA	92880	1124 SERENE DR	CORONA CA 92880
119-041-019	1132 SERENE DR	CORONA	CA	92880	1132 SERENE DR	CORONA CA 92880
119-041-018	1140 SERENE DR	CORONA	CA	92880	1140 SERENE DR	CORONA CA 92880
119-041-017	1148 SERENE DR	CORONA	CA	92880	1148 SERENE DR	CORONA CA 92880
119-041-016	1156 SERENE DR	CORONA	CA	92880	1156 SERENE DR	CORONA CA 92880
119-041-015	1164 SERENE DR	CORONA	CA	92880	1164 SERENE DR	CORONA CA 92880
119-041-014	1172 SERENE DR	CORONA	CA	92880	1172 SERENE DR	CORONA CA 92880
119-041-013	1180 SERENE DR	CORONA	CA	92880	1180 SERENE DR	CORONA CA 92880
119-041-010	1026 PEACEFUL DR	CORONA	CA	92880	1026 PEACEFUL DR	CORONA CA 92880
119-041-009	1038 PEACEFUL DR	CORONA	CA	92880	1038 PEACEFUL DR	CORONA CA 92880
119-020-023	21800 BURBANK BLVD STE 330	WOODLAND HILLS	CA	91367	N/AVAIL	NORCO CA 92860
119-020-022	2870 CLARK AVE	NORCO	CA	92860	N/AVAIL	NORCO CA 92860
119-020-021	21800 BURBANK BLVD STE 330	WOODLAND HILLS	CA	91367	3478 2ND ST	NORCO CA 92860
119-020-007	300 S BUENA VISTA AVE	CORONA	CA	92882	N/AVAIL	NORCO CA 92860
119-020-006	1331 RIVER RD	CORONA	CA	92880	1331 RIVER RD	CORONA CA 92880
119-020-002	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
118-220-007	PO BOX 320099	ALEXANDRIA	VA	22320	250 N COTA ST	CORONA CA 92880
118-220-001	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92880
117-331-014	16598 VILLAGE MEADOW DR	RIVERSIDE	CA	92503	1128 QUARRY ST	CORONA CA 92879
117-331-011	1240 E ONTARIO AVE	CORONA	CA	92881	1116 QUARRY ST	CORONA CA 92879
117-331-006	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	1125 E ST	CORONA CA 92882
117-331-005	3282 VANDERMOLLEN DR	NORCO	CA	92860	495 RIMPAU AVE	CORONA CA 92879
117-331-004	400 S VICENTIA AVE	CORONA	CA	92882	411 RIMPAU AVE	CORONA CA 92879
117-331-001	4618 PENNYROYAL DR	CORONA	CA	92880	1142 QUARRY ST	CORONA CA 92879
117-310-001	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
117-290-047	3064 DALES DR	NORCO	CA	92860	1027 E 3RD ST	CORONA CA 92879
117-290-046	1064 E 3RD ST	CORONA	CA	92879	1064 E 3RD ST	CORONA CA 92879
117-290-045	1029 QUARRY ST	CORONA	CA	92879	1029 QUARRY ST	CORONA CA 92879
117-290-043	1195 POMONA RD	CORONA	CA	92882	1055 E 3RD ST	CORONA CA 92879
117-290-042	PO BOX 78957	CORONA	CA	92877	1035 E 3RD ST	CORONA CA 92879
117-290-041	3064 DALES DR	NORCO	CA	92860	1033 E 3RD ST	CORONA CA 92879
117-290-038	15331 SAVERNE CIR	IRVINE	CA	92604	1109 QUARRY ST	CORONA CA 92879
117-290-037	1105 QUARRY ST	CORONA	CA	92879	1105 QUARRY ST	CORONA CA 92879
117-290-036	919 RIDGEWOOD DR	CORONA	CA	92881	1089 QUARRY ST	CORONA CA 92879
117-290-035	1087 QUARRY ST	CORONA	CA	92879	1087 QUARRY ST	CORONA CA 92879
117-290-034	PO BOX 940	CORONA	CA	92878	1085 QUARRY ST	CORONA CA 92879
117-290-033	250 CROSS RAIL LN	NORCO	CA	92860	1075 QUARRY ST	CORONA CA 92879
117-290-032	1071 QUARRY ST	CORONA	CA	92879	1071 QUARRY ST	CORONA CA 92879
117-290-031	1067 QUARRY ST	CORONA	CA	92879	1067 QUARRY ST	CORONA CA 92879
117-290-030	PO BOX 78000	CORONA	CA	92877	1063 QUARRY ST	CORONA CA 92879
117-290-029	1057 QUARRY ST	CORONA	CA	92879	1057 QUARRY ST	CORONA CA 92879
117-290-028	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	1055 QUARRY ST	CORONA CA 92879
117-290-027	1051 QUARRY ST	CORONA	CA	92879	1051 QUARRY ST	CORONA CA 92879
117-290-026	1043 QUARRY ST	CORONA	CA	92879	1043 QUARRY ST	CORONA CA 92879
117-290-025	1043 QUARRY ST	CORONA	CA	92879	1043 QUARRY ST	CORONA CA 92879
117-290-024	1039 QUARRY ST	CORONA	CA	92879	1039 QUARRY ST	CORONA CA 92879
117-290-023	1033 QUARRY ST	CORONA	CA	92879	1033 QUARRY ST	CORONA CA 92879
117-290-021	1025 QUARRY ST	CORONA	CA	92879	1025 QUARRY ST	CORONA CA 92879
117-290-020	1023 QUARRY ST	CORONA	CA	92879	1023 QUARRY ST	CORONA CA 92879
117-290-019	1356 CALBOURNE DR	DIAMOND BAR	CA	91789	1019 QUARRY ST	CORONA CA 92879
117-290-017	23045 CANYON HILLS DR	CORONA	CA	92883	1056 E 3RD ST	CORONA CA 92879
117-290-016	1056 E 3RD ST	CORONA	CA	92879	1056 E 3RD ST	CORONA CA 92879
117-290-015	7768 STERLING AVE	SAN BERNARDINO	CA	92410	1050 E 3RD ST	CORONA CA 92879
117-290-014	1046 E 3RD ST	CORONA	CA	92879	1046 E 3RD ST	CORONA CA 92879
117-290-013	1042 E 3RD ST	CORONA	CA	92879	1042 E 3RD ST	CORONA CA 92879
117-290-012	1038 E 3RD ST	CORONA	CA	92879	1038 E 3RD ST	CORONA CA 92879
117-290-011	1034 E 3RD ST	CORONA	CA	92879	1034 E 3RD ST	CORONA CA 92879
117-290-010	1030 E 3RD ST	CORONA	CA	92879	1030 E 3RD ST	CORONA CA 92879
117-290-009	1028 E 3RD ST	CORONA	CA	92879	1028 E 3RD ST	CORONA CA 92879
117-290-008	1024 E 3RD ST	CORONA	CA	92879	1024 E 3RD ST	CORONA CA 92879
117-290-007	1020 E 3RD ST	CORONA	CA	92879	1020 E 3RD ST	CORONA CA 92879
117-282-006	1002 E 3RD ST APT B	CORONA	CA	92879	1002 E 3RD ST	CORONA CA 92879
117-282-005	1005 QUARRY ST	CORONA	CA	92879	1001 QUARRY ST	CORONA CA 92879
117-282-004	1014 E 3RD ST	CORONA	CA	92879	1014 E 3RD ST	CORONA CA 92879
117-282-003	1010 E 3RD ST	CORONA	CA	92879	1010 E 3RD ST	CORONA CA 92879
117-282-002	1006 E 3RD ST	CORONA	CA	92879	1006 E 3RD ST	CORONA CA 92879
117-281-035	325 E GRAND BLVD	CORONA	CA	92879	325 E GRAND BLVD	CORONA CA 92879
117-281-034	820 ASPEN ST	CORONA	CA	92879	910 E 3RD ST APT A	CORONA CA 92879
117-281-033	1440 ARIZONA PL	LAKE HAVASU CITY	AZ	86406	N/AVAIL	CORONA CA 92879
117-281-032	1440 ARIZONA PL	LAKE HAVASU CITY	AZ	86406	317 E GRAND BLVD	CORONA CA 92879
117-281-031	313 E GRAND BLVD	CORONA	CA	92879	313 E GRAND BLVD	CORONA CA 92879
117-281-026	802 E 3RD ST	CORONA	CA	92879	802 E 3RD ST	CORONA CA 92879
117-281-025	806 E 3RD ST	CORONA	CA	92879	806 E 3RD ST	CORONA CA 92879
117-281-024	810&812 E 3RD ST	CORONA	CA	92879	810 E 3RD ST	CORONA CA 92879
117-281-023	902 E 3RD ST	CORONA	CA	92879	902 E 3RD ST	CORONA CA 92879
117-281-022	906 E 3RD ST	CORONA	CA	92879	906 E 3RD ST	CORONA CA 92879
117-281-020	1191 MAGNOLIA AVE # D-292	CORONA	CA	92879	908 E 3RD ST	CORONA CA 92879
117-281-019	916 E 3RD ST	CORONA	CA	92879	916 E 3RD ST	CORONA CA 92879

**Circle City Substation and Mira Loma-Jefferson Project  
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APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
117-281-018	19740 KATY WAY	CORONA	CA	92881	920 E 3RD ST	CORONA CA 92879
117-281-017	924 E 3RD ST	CORONA	CA	92879	924 E 3RD ST	CORONA CA 92879
117-281-016	923 QUARRY ST	CORONA	CA	92879	923 QUARRY ST	CORONA CA 92879
117-281-015	3348 JULY DR	RIVERSIDE	CA	92503	919 QUARRY ST	CORONA CA 92879
117-281-014	12586 BANNOCK CT	APPLE VALLEY	CA	92308	915 QUARRY ST	CORONA CA 92879
117-281-013	911 QUARRY ST	CORONA	CA	92879	911 QUARRY ST	CORONA CA 92879
117-281-012	907 QUARRY ST	CORONA	CA	92879	907 QUARRY ST	CORONA CA 92879
117-281-011	814 QUARRY ST	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
117-281-010	901 QUARRY ST	CORONA	CA	92879	901 QUARRY ST	CORONA CA 92879
117-281-009	805 QUARRY ST	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
117-281-008	805 QUARRY ST	CORONA	CA	92879	805 QUARRY ST	CORONA CA 92879
117-281-007	16722 HAVE AVE	IRVINE	CA	92606	801 QUARRY ST	CORONA CA 92879
117-281-006	385 E GRAND BLVD	CORONA	CA	92879	385 E GRAND BLVD	CORONA CA 92879
117-281-004	7955 PEARL ST	ALTA LOMA	CA	91701	321 E GRAND BLVD	CORONA CA 92879
117270024	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
117-270-022	4080 LEMON ST	RIVERSIDE	CA	92501	1001 E 3RD ST	CORONA CA 92879
117-270-021	4080 LEMON ST	RIVERSIDE	CA	92501	903 E 3RD ST	CORONA CA 92879
117-270-018	2185 ADAMS ST	RIVERSIDE	CA	92504	N/AVAIL	CORONA CA 92879
117-270-009	4080 LEMON ST FL 3RD	RIVERSIDE	CA	92501	129 E GRAND BLVD	CORONA CA 92879
117-270-003	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
117-270-002	4080 LEMON ST	RIVERSIDE	CA	92501	107 N JOY ST	CORONA CA 92879
117-270-001	5291 E RURAL RIDGE CIR	ANAHEIM	CA	92807	137 N JOY ST	CORONA CA 92879
117-163-012	402 E GRAND BLVD	CORONA	CA	92879	402 E GRAND BLVD	CORONA CA 92879
117-124-024	520 E 3RD ST	CORONA	CA	92879	520 E 3RD ST	CORONA CA 92879
117-124-022	13551 MAGNOLIA AVE	CORONA	CA	92879	607 E 4TH ST	CORONA CA 92879
117-124-021	516 E 3RD ST	CORONA	CA	92879	516 E 3RD ST	CORONA CA 92879
117-124-019	8718 LINCOLN AVE	RIVERSIDE	CA	92504	524 E 3RD ST	CORONA CA 92879
117-124-018	528 E 3RD ST	CORONA	CA	92879	528 E 3RD ST	CORONA CA 92879
117-124-017	6270 CHADBOURNE AVE	RIVERSIDE	CA	92505	302 E GRAND BLVD	CORONA CA 92879
117-124-016	25770 ONATE DR	MORENO VALLEY	CA	92557	312 E GRAND BLVD	CORONA CA 92879
117-124-015	318 E GRAND BLVD	CORONA	CA	92879	318 E GRAND BLVD	CORONA CA 92879
117-124-014	322 E GRAND BLVD	CORONA	CA	92879	322 E GRAND BLVD	CORONA CA 92879
117-124-013	326 E GRAND BLVD	CORONA	CA	92879	326 E GRAND BLVD	CORONA CA 92879
117-124-010	6538 SAN MIGUEL ST	PARAMOUNT	CA	90723	601 E 4TH ST	CORONA CA 92879
117-124-009	3510 ANDOVER ST	CORONA	CA	92879	523 E 4TH ST	CORONA CA 92879
117-124-002	1741 BOYD AVE	CORONA	CA	92881	611 E 4TH ST	CORONA CA 92879
117-122-031	1501 LOGANRITA AVE	ARCADIA	CA	91006	232 E GRAND BLVD	CORONA CA 92879
117-122-029	4080 LEMON ST	RIVERSIDE	CA	92501	212 E GRAND BLVD	CORONA CA 92879
117-122-003	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
117-122-002	4080 LEMON ST	RIVERSIDE	CA	92501	211 S JOY ST	CORONA CA 92879
117-122-001	4080 LEMON ST FL 3RD	RIVERSIDE	CA	92501	510 E 2ND ST	CORONA CA 92879
117-121-009	4080 LEMON ST	RIVERSIDE	CA	92501	210 S JOY ST	CORONA CA 92879
117-121-008	4080 LEMON ST	RIVERSIDE	CA	92501	416 E 2ND ST	CORONA CA 92879
117-121-003	4080 LEMON ST	RIVERSIDE	CA	92501	206 S JOY ST	CORONA CA 92879
117-121-002	4080 LEMON ST	RIVERSIDE	CA	92501	204 S JOY ST	CORONA CA 92879
117-080-016	4080 LEMON ST FL 3RD	RIVERSIDE	CA	92501	107 N HOWARD ST	CORONA CA 92879
117-041-001	1244 RIVER VIEW DR	CODY	WY	82414	526 RAILROAD ST	CORONA CA 92882
117-032-019	610 RAILROAD ST	CORONA	CA	92882	610 RAILROAD ST	CORONA CA 92882
117-032-018	7320 E HUMMINGBIRD CIR	ANAHEIM	CA	92808	187 N COTA ST	CORONA CA 92882
117-032-017	181 N COTA ST	CORONA	CA	92882	181 N COTA ST	CORONA CA 92882
117-031-040	20 CANYON TER	IRVINE	CA	92603	N/AVAIL	CORONA CA 92882
117-031-039	718 RAILROAD ST	CORONA	CA	92882	718 RAILROAD ST	CORONA CA 92882
117-031-038	PO BOX 431	CORONA	CA	92878	716 RAILROAD ST	CORONA CA 92882
117-031-037	710 RAILROAD ST	CORONA	CA	92882	710 RAILROAD ST	CORONA CA 92882
117-031-036	706 RAILROAD ST	CORONA	CA	92882	706 RAILROAD ST	CORONA CA 92882
117-031-035	167 N VICENTIA AVE	CORONA	CA	92882	167 N VICENTIA AVE	CORONA CA 92882
117-031-034	163 N VICENTIA AVE	CORONA	CA	92882	163 N VICENTIA AVE	CORONA CA 92882
117-031-033	159 N VICENTIA AVE	CORONA	CA	92882	159 N VICENTIA AVE	CORONA CA 92882
117-031-004	178 N COTA ST	CORONA	CA	92882	178 N COTA ST	CORONA CA 92882
117-031-003	182 N COTA ST	CORONA	CA	92882	182 N COTA ST	CORONA CA 92882
117-031-002	638 RAILROAD ST	CORONA	CA	92882	638 RAILROAD ST	CORONA CA 92882
117-031-001	190 N COTA ST	CORONA	CA	92882	190 N COTA ST	CORONA CA 92882
117-020-011	34197 HWY 203	DANA POINT	CA	92629	421 RAILROAD ST	CORONA CA 92882
117-020-005	1700 FARNAM ST	OMAHA	NE	68102	N/AVAIL	CORONA CA 92882
117-020-004	PO BOX 800	ROSEMEAD	CA	91770	N/AVAIL	CORONA CA 92882
117-020-003	PO BOX 800	ROSEMEAD	CA	91770	N/AVAIL	CORONA CA 92882
117-020-002	2891 2ND ST	NORCO	CA	92860	N/AVAIL	CORONA CA 92882
117-020-001	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92882
115-600-007	1230 QUARRY ST	CORONA	CA	92879	1230 QUARRY ST	CORONA CA 92879
115-600-006	12020 EASTGATE BLVD	MOUNT JULIET	TN	37122	1240 QUARRY ST	CORONA CA 92879
115-600-004	1245 WEBB CIR	CORONA	CA	92879	1245 WEBB CIR	CORONA CA 92879
115-600-003	1270 WEBB CIR	CORONA	CA	92879	1270 WEBB CIR	CORONA CA 92879
115-600-002	24576 ASHLAND DR	LAGUNA HILLS	CA	92653	400 EL SOBRANTE RD	CORONA CA 92879
115-600-001	PO BOX 18421	ANAHEIM	CA	92817	300 EL SOBRANTE RD	CORONA CA 92879
115-580-032	2518 N SANTIAGO BLVD	ORANGE	CA	92867	1595 E 6TH ST	CORONA CA 92879
115-580-030	2518 N SANTIAGO BLVD	ORANGE	CA	92867	N/AVAIL	CORONA CA 92879
115-580-027	PO BOX 985	WHITTIER	CA	90608	1522 E BENTLEY DR	CORONA CA 92879
115-580-019	1451 E 6TH ST	CORONA	CA	92879	1451 E 6TH ST	CORONA CA 92879
115-580-018	14926 LA PALMA DR	CHINO	CA	91710	525 CARDIFF ST	CORONA CA 92879
115-580-001	2407 FRANCISCO DR	NEWPORT BEACH	CA	92660	1441 E 6TH ST	CORONA CA 92879
115-210-032	19072 CALLAWAY CIR	HUNTINGTON BEACH	CA	92648	1625 E 6TH ST	CORONA CA 92879
115-210-031	3800 ORANGE ST STE 250	RIVERSIDE	CA	92501	1625 E 6TH ST	CORONA CA 92879

**Circle City Substation and Mira Loma-Jefferson Project  
300' Notification List for Notice of Application**

APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
115-210-020	PO BOX 1180	RIVERSIDE	CA	92502	N/AVAIL	CORONA CA 92879
115-200-064	11 OLD RANCH RD	LAGUNA NIGUEL	CA	92677	N/AVAIL	CORONA CA 92879
115-200-063	11 OLD RANCH RD	LAGUNA NIGUEL	CA	92677	N/AVAIL	CORONA CA 92879
115-200-062	11 OLD RANCH RD	LAGUNA NIGUEL	CA	92677	547 TRM CIR	CORONA CA 92879
115-200-061	11 OLD RANCH RD	LAGUNA NIGUEL	CA	92677	560 TRM CIR	CORONA CA 92879
115-200-051	310 N INDIAN HILL BLVD # 603	CLAREMONT	CA	91711	126 VIA TREVIZIO	CORONA CA 92879
115-200-043	831 JOHNNY CASH DR	CORONA	CA	92881	127 RADIO RD	CORONA CA 92879
115-200-042	5 WHATNEY	IRVINE	CA	92618	1335 E 6TH ST	CORONA CA 92879
115-200-041	1365 E 6TH ST	CORONA	CA	92879	1365 E 6TH ST	CORONA CA 92879
115-200-040	3460 WINCHESTER WAY	ROWLAND HEIGHTS	CA	91748	117 VIA TREVIZIO	CORONA CA 92879
115-200-032	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
115-200-021	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
115-200-018	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
115-200-003	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
115-200-002	12240 WOODRUFF AVE	DOWNEY	CA	90241	N/AVAIL	CORONA CA 92879
115-090-024	PETES ROAD SERVICE INC	FULLERTON	CA	92831	N/AVAIL	CORONA CA 92879
115-090-023	PETES ROAD SVCS INC	FULLERTON	CA	92831	866 EL CAMINO AVE	CORONA CA 92879
115-090-021	PETES ROAD SERVICE INC	FULLERTON	CA	92831	N/AVAIL	CORONA CA 92879
115-090-015	PO BOX 293	DANA POINT	CA	92629	1310 E 6TH ST	CORONA CA 92879
115-090-008	1320 E 6TH ST # 100	CORONA	CA	92879	1320 E 6TH ST	CORONA CA 92879
115-090-003	2867 W POLK AVE	ANAHEIM	CA	92801	1354 E 6TH ST	CORONA CA 92879
115-080-030	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92879
115-080-025	1302 E 6TH ST	CORONA	CA	92879	1302 E 6TH ST	CORONA CA 92879
115-080-022	1195 POMONA RD	CORONA	CA	92882	N/AVAIL	CORONA CA 92879
115-080-018	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92879
115-080-006	1195 POMONA RD	CORONA	CA	92882	1280 E 6TH ST	CORONA CA 92879
115-070-095	2040 MAIN ST STE 175	IRVINE	CA	92614	120 RADIO RD	CORONA CA 92879
115-070-086	1275 QUARRY ST	CORONA	CA	92879	1275 QUARRY ST	CORONA CA 92879
115-070-083	1201 E 6TH ST	CORONA	CA	92879	1201 E 6TH ST	CORONA CA 92879
115-070-082	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92879
115-070-068	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92879
115-070-041	19141 ORIENTE DR	YORBA LINDA	CA	92886	1150 QUARRY ST	CORONA CA 92879
115-070-027	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
115-070-023	1700 FARNAM ST	OMAHA	NE	68102	N/AVAIL	CORONA CA 92879
115-060-049	3151 AIRWAY AVE STE H3	COSTA MESA	CA	92626	1065 E 3RD ST	CORONA CA 92879
115-060-048	3151 AIRWAY AVE STE H3	COSTA MESA	CA	92626	N/AVAIL	CORONA CA 92879
115-060-047	3151 AIRWAY AVE STE H3	COSTA MESA	CA	92626	N/AVAIL	CORONA CA 92879
115-060-046	3151 AIRWAY AVE STE H3	COSTA MESA	CA	92626	N/AVAIL	CORONA CA 92879
115-060-044	3151 AIRWAY AVE STE H3	COSTA MESA	CA	92626	N/AVAIL	CORONA CA 92879
115-060-035	3151 AIRWAY AVE STE H3	COSTA MESA	CA	92626	N/AVAIL	CORONA CA 92879
115-060-026	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92879
115-060-025	4285 N GOLDEN STATE BLVD	FRESNO	CA	93722	N/AVAIL	CORONA CA 92879
115-060-024	4285 N GOLDEN STATE BLVD	FRESNO	CA	93722	1235 QUARRY ST	CORONA CA 92879
111-390-011	2020 E ORANGETHORPE AVE	FULLERTON	CA	92831	1441 RIMPAU AVE	CORONA CA 92879
111-390-010	2020 E ORANGETHORPE AVE	FULLERTON	CA	92831	1451 RIMPAU AVE	CORONA CA 92879
111-390-003	2020 E ORANGETHORPE AVE	FULLERTON	CA	92831	1461 RIMPAU AVE	CORONA CA 92879
111-390-002	PO BOX 182571	COLUMBUS	OH	43218	1215 MAGNOLIA AVE	CORONA CA 92879
111-390-001	PO BOX 592809	SAN ANTONIO	TX	78259	1204 MAGNOLIA AVE	CORONA CA 92881
111-380-007	INTERPACIFIC ASSET MGMT STE 150	WESTMINSTER	CA	92683	1197 MAGNOLIA AVE	CORONA CA 92879
111-380-006	INTERPACIFIC ASSET MGMT STE 150	WESTMINSTER	CA	92683	1197 MAGNOLIA AVE	CORONA CA 92879
111-380-004	301 S TIPPECANOE AVE	SAN BERNARDINO	CA	92408	1193 MAGNOLIA AVE	CORONA CA 92879
111-380-003	INTERPACIFIC ASSET MGMT STE 150	WESTMINSTER	CA	92683	1189 MAGNOLIA AVE	CORONA CA 92879
111-300-054	2518 N SANTIAGO BLVD	ORANGE	CA	92867	1275 MAGNOLIA AVE	CORONA CA 92879
111-300-053	2518 N SANTIAGO BLVD	ORANGE	CA	92867	1255 MAGNOLIA AVE	CORONA CA 92879
111-300-052	8725 DUNWOODY PL STE 1	ATLANTA	GA	30350	1295 MAGNOLIA AVE	CORONA CA 92879
111-300-038	PO BOX 1000	MOORESVILLE	NC	28115	1285 MAGNOLIA AVE	CORONA CA 92879
111-300-031	2518 N SANTIAGO BLVD	ORANGE	CA	92867	1180 EL CAMINO AVE	CORONA CA 92879
111-300-030	9330 BALBOA AVE	SAN DIEGO	CA	92123	1315 MAGNOLIA AVE	CORONA CA 92879
107-320-015	PO BOX 1839	CORONA	CA	92878	1660 LEESON LN	CORONA CA 92879
107-090-028	4801 W JEFFERSON BLVD	LOS ANGELES	CA	90016	1208 MAGNOLIA AVE # 102	CORONA CA 92881
107-090-026	4801 W JEFFERSON BLVD	LOS ANGELES	CA	90016	1212 MAGNOLIA AVE	CORONA CA 92881
107-090-023	4801 W JEFFERSON BLVD	LOS ANGELES	CA	90016	1220 MAGNOLIA AVE	CORONA CA 92881
107-090-022	4801 W JEFFERSON BLVD	LOS ANGELES	CA	90016	1222 MAGNOLIA AVE	CORONA CA 92881
107-090-021	4801 W JEFFERSON BLVD	LOS ANGELES	CA	90016	1201 MAGNOLIA AVE	CORONA CA 92879
107-090-020	4801 W JEFFERSON BLVD	LOS ANGELES	CA	90016	1202 MAGNOLIA AVE	CORONA CA 92881
107-090-019	4801 W JEFFERSON BLVD	LOS ANGELES	CA	90016	1501 RIMPAU AVE	CORONA CA 92881
107-080-051	1296 MAGNOLIA AVE	CORONA	CA	92879	1226 MAGNOLIA AVE	CORONA CA 92879
107-080-050	1296 MAGNOLIA AVE	CORONA	CA	92879	1296 MAGNOLIA AVE	CORONA CA 92879
107-080-042	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
107-080-041	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
107-080-040	PO BOX 940	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
107-070-073	282 S ANITA DR	ORANGE	CA	92868	1169 SHERBORN ST	CORONA CA 92879
107-070-072	27216 PRADO DEL SOL	CARMEL	CA	93923	1123 SHERBORN ST	CORONA CA 92879
107-070-068	1128 SHERBORN ST	CORONA	CA	92879	1128 SHERBORN ST	CORONA CA 92879
107-070-049	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92879
107-070-048	1746 BELLINGTON LN	FALLBROOK	CA	92028	N/AVAIL	CORONA CA 92879
107-070-045	PO BOX 2229	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
107-070-044	PO BOX 2229	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
107-070-035	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92879
107-070-034	PO BOX 2229	CORONA	CA	92878	1277 ALL AMERICAN WAY	CORONA CA 92879
107-070-032	PO BOX 2229	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
107-070-008	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879

**Circle City Substation and Mira Loma-Jefferson Project  
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APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
107-060-028	PO BOX 847	CARLSBAD	CA	92018	1550 MAGNOLIA AVE	CORONA CA 92879
107-060-027	100 WILSHIRE BLVD # 8TH	SANTA MONICA	CA	90401	775 TRADEMARK CIR	CORONA CA 92879
107-060-026	125 E COMMERCIAL ST STE B	ANAHEIM	CA	92801	755 TRADEMARK CIR	CORONA CA 92879
107-060-025	10811 MORADA	ORANGE	CA	92869	1580 MAGNOLIA AVE	CORONA CA 92879
107-060-013	359 W ORANGE HEIGHTS LN	CORONA	CA	92882	1450 MAGNOLIA AVE	CORONA CA 92879
107-060-011	359 W ORANGE HEIGHTS LN	CORONA	CA	92882	1450 MAGNOLIA AVE	CORONA CA 92879
107-060-009	2244 WALNUT GROVE AVE	ROSEMEAD	CA	91770	N/AVAIL	CORONA CA 92879
107-060-008	2244 WALNUT GROVE AVE	ROSEMEAD	CA	91770	1620 MAGNOLIA AVE	CORONA CA 92879
107-060-003	1320 E 6TH ST # 100	CORONA	CA	92879	1480 MAGNOLIA AVE	CORONA CA 92879
107-050-032	PO BOX 2229	CORONA	CA	92878	N/AVAIL	CORONA CA 92879
107-050-028	1000 W RINCON ST	CORONA	CA	92880	720 S TEMESCAL ST	CORONA CA 92879
107-050-009	PO BOX 1450	CHICAGO	IL	60690	800 S TEMESCAL ST	CORONA CA 92879
107-040-009	1623 LEESON LN	CORONA	CA	92879	1623 LEESON LN	CORONA CA 92879
107-040-008	1623 LEESON LN	CORONA	CA	92879	N/AVAIL	CORONA CA 92879
107-040-006	7221 OLD TEMESCAL RD	CORONA	CA	92881	1650 E 6TH ST	CORONA CA 92879
107-040-005	7221 OLD TEMESCAL RD	CORONA	CA	92881	1640 E 6TH ST	CORONA CA 92879
107-031-002	9 CASTLE PINES DR	CASTLE ROCK	CO	80104	N/AVAIL	CORONA CA 92879
107-031-001	9 CASTLE PINES DR	CASTLE ROCK	CO	80104	N/AVAIL	CORONA CA 92879
107030027	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
107030024	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
107-030-023	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92879
107-030-022	902 S 2ND ST	OSKALOOSA	IA	52577	1375 MAGNOLIA AVE	CORONA CA 92879
107-030-021	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92879
107030020	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
107030019	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
107030018	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
107030015	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
107030014	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
107-030-003	65 ENTERPRISE # 150	ALISO VIEJO	CA	92656	1436 E 6TH ST	CORONA CA 92879
107-030-002	191 S STARLIGHT DR	ANAHEIM	CA	92807	1480 E 6TH ST	CORONA CA 92879
107-020-016	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
107-020-015	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
107-020-014	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
107-020-007	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
107-020-006	740 CARNEGIE DR	SAN BERNARDINO	CA	92408	N/AVAIL	CORONA CA 92879
009-706-983	1428 E 6TH ST	CORONA	CA	92879	14296 E 6TH ST	CORONA CA 92879
009-701-745	P O BOX 1661 THREE HILLS AB CANADA	CANADA	N/AVAIL	N/AVAIL	15500 BUBBLING WELLS RD SPC	DESERT HOT SPRINGS CA 92240
009-701-521	1410 E 6TH ST TRLR 32	CORONA	CA	92879	1410 E 6TH ST TRLR 1	CORONA CA 92879
009-300-043	SANTA ANA RIVER WATER CO	MIRA LOMA	CA	91752	N/AVAIL	PALM SPRNGS CA 92264
009-618-648	8402 KATELLA AVE	STANTON	CA	90680	14610 RIVER RD	CORONA CA 92880
009-618-697	1414 HARBOUR WAY S	RICHMOND	CA	94804	14634 RIVER RD	CORONA CA 92880
009-708-184	17667 GLEASON ST	RIVERSIDE	CA	92508	14950 RIVER RD	CORONA CA 92880
0218-033-04	PO BOX 670	UPLAND	CA	91785	N/AVAIL	UPLAND CA 91761
0218-033-06	PO BOX 670	UPLAND	CA	91785	N/AVAIL	UPLAND CA 91761
0218-033-07	303 E B ST	ONTARIO	CA	91764	N/AVAIL	UPLAND CA 91761
0218-033-09	PO BOX 670	UPLAND	CA	91785	N/AVAIL	UPLAND CA 91761
0218-033-13	PO BOX 670	UPLAND	CA	91785	N/AVAIL	UPLAND CA 91761
0218-033-14	PO BOX 670	UPLAND	CA	91785	N/AVAIL	UPLAND CA 91761
0218-052-01	PO BOX 670	UPLAND	CA	91785	N/AVAIL	UPLAND CA 91761
0218-052-07	303 E B ST	ONTARIO	CA	91764	N/AVAIL	UPLAND CA 91761
0218-052-13	11870 PIERCE ST STE 250	RIVERSIDE	CA	92505	N/AVAIL	UPLAND CA 91761
0218-052-16	303 E B ST	ONTARIO	CA	91764	N/AVAIL	UPLAND CA 91761
0218-052-20	PO BOX 670	UPLAND	CA	91785	N/AVAIL	UPLAND CA 91761
0218-052-21	303 E B ST	ONTARIO	CA	91764	N/AVAIL	UPLAND CA 91761
0218-171-10	303 E B ST	ONTARIO	CA	91764	N/AVAIL	ONTARIO CA 91761
0218-211-01	3090 BRISTOL ST STE 200	COSTA MESA	CA	92626	13751 S HAVEN AVE	ONTARIO CA 91761
0218-211-08	PO BOX 788	RIALTO	CA	92377	N/AVAIL	CHINO CA 91710
0218-211-17	303 E B ST	ONTARIO	CA	91764	MILLIKEN AVE	ONTARIO CA 91761
0218-211-23	3161 MICHELSON DR STE 425	IRVINE	CA	92612	EDISON AVE	ONTARIO CA 91761
0218-211-24	3161 MICHELSON DR STE 425	IRVINE	CA	92612	MILLIKEN AVE	ONTARIO CA 91761
0218-241-20	303 E B ST	ONTARIO	CA	91764	14310 S HAVEN AVE	ONTARIO CA 91761
0218-251-06	14058 EUCLID AVE	CHINO	CA	91710	10511 E EDISON AVE	ONTARIO CA 91761
0218-251-09	18790 ALICANTE CIRCULA	MORGAN HILL	CA	95037	10785 E EDISON AVE	ONTARIO CA 91761
0218-281-06	125 PRINCIPIA CT	CLAREMONT	CA	91711	10333 EUCALYPTUS AVE	ONTARIO CA 91762
0218-281-17	3161 MICHELSON DR STE 425	IRVINE	CA	92612	EUCALYPTUS AVE	CHINO CA 91710
0218-321-13	125 PRINCIPIA CT	CLAREMONT	CA	91711	N/AVAIL	ONTARIO CA 91762
0218-321-17	3090 BRISTOL ST STE 200	COSTA MESA	CA	92626	14724 HAVEN AVE # 71-317	ONTARIO CA 91762
0218-321-24	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
0218-321-25	825 E 3RD ST	SAN BERNARDINO	CA	92415	N/AVAIL	ONTARIO CA 91762
0218-321-30	3161 MICHELSON DR STE 425	IRVINE	CA	92612	MERRILL AVE	ONTARIO CA 91710
0218-331-29	303 E B ST	ONTARIO	CA	91764	HAVEN AVE	CHINO CA 91710
0218-331-30	PO BOX 670	UPLAND	CA	91785	14561 HAVEN AVE	CHINO CA 91710
0218-362-22	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
0218-362-23	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
0218-362-24	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
0218-362-25	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
0218-362-26	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
0218-362-55	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
101-030-010	PO BOX 8300	FOUNTAIN VALLEY	CA	92728	N/AVAIL	CORONA CA 92880
1055-381-07	4695 MACARTHUR CT # 8TH	NEWPORT BEACH	CA	92660	KINGS CANYON ST	CHINO CA 91710
1055-381-08	4695 MACARTHUR CT # 8TH	NEWPORT BEACH	CA	92660	N/AVAIL	CHINO CA 91710
1055-381-09	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710

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APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
1055-381-10	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710
1055-381-12	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710
1055-381-13	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710
1055-381-14	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710
1055-391-03	1156 N MOUNTAIN AVE	UPLAND	CA	91786	N/AVAIL	CHINO CA 91710
1055-401-04	1156 N MOUNTAIN AVE	UPLAND	CA	91786	N/AVAIL	CHINO CA 91710
1057-181-11	PO BOX 670	UPLAND	CA	91785	16600 HELLMAN AVE	CORONA CA 92880
1057-181-13	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CHINO CA 91708
1057-181-23	2001 GRAND AVE	CHINO HILLS	CA	91709	N/AVAIL	CHINO CA 91710
1057-181-24	PO BOX 4048	SANTA ANA	CA	92702	16754 HELLMAN AVE	CHINO CA 91710
1057-181-25	300 N FLOWER ST # 6TH	SANTA ANA	CA	92703	8800 CHINO CORONA RD	CHINO CA 91710
1057-181-26	PO BOX 4048	SANTA ANA	CA	92702	16920 HELLMAN AVE	CHINO CA 91710
1057-181-32	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710
1057-181-34	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710
1057-212-15	980 MONTECITO DR # 302	CORONA	CA	92879	CHINO CORONA RD	CHINO CA 91710
1057-212-16	300 N FLOWER ST # 6TH	SANTA ANA	CA	92703	CHINO CORONA RD	CHINO CA 91710
1057-212-17	385 N ARROWHEAD AVE # 3RD	SAN BERNARDINO	CA	92415	17650 HELLMAN AVE	CHINO CA 91710
1057-212-18	385 N ARROWHEAD AVE # 3RD	SAN BERNARDINO	CA	92415	17450 S HELLMAN AVE	CHINO CA 91710
1057-212-19	385 N ARROWHEAD AVE # 3RD	SAN BERNARDINO	CA	92415	HELLMAN AVE	CHINO CA 91710
1057-221-01	385 N ARROWHEAD AVE # 3RD	SAN BERNARDINO	CA	92415	8582 HELLMAN AVE	CHINO CA 91708
1057-221-08	14651 GROVE AVE	ONTARIO	CA	91762	8899 MC CARTY RD	CHINO CA 91710
1057-341-02	1156 N MOUNTAIN AVE	UPLAND	CA	91786	PINE AVE	CHINO CA 91710
1057-341-03	1156 N MOUNTAIN AVE	UPLAND	CA	91786	N/AVAIL	CA 91709
1057-341-04	1156 N MOUNTAIN AVE	UPLAND	CA	91786	N/AVAIL	CA 91709
1057-341-05	1156 N MOUNTAIN AVE	UPLAND	CA	91786	N/AVAIL	CA 91709
1057-341-06	1156 N MOUNTAIN AVE	UPLAND	CA	91786	N/AVAIL	CA 91709
1057-381-01	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710
1057-381-02	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CHINO CA 91710
1057-381-03	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CA
1057-381-04	PO BOX 670	UPLAND	CA	91785	N/AVAIL	CA
121-040-003	PO BOX 8300	FOUNTAIN VALLEY	CA	92728	N/AVAIL	CORONA CA 92880
121-040-004	PO BOX 8300	FOUNTAIN VALLEY	CA	92728	3191 RIVER RD	CORONA CA 92880
130-020-008	300 N FLOWER ST	SANTA ANA	CA	92703	8050 HELLMAN AVE	CORONA CA 92880
130-030-001	300 N FLOWER ST	SANTA ANA	CA	92703	8290 HELLMAN AVE	CORONA CA 92880
130-030-004	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
130-030-008	300 N FLOWER ST	SANTA ANA	CA	92703	N/AVAIL	CORONA CA 92880
130-030-019	300 N FLOWER ST # 6TH	SANTA ANA	CA	92703	N/AVAIL	CORONA CA 92880
130-030-020	300 N FLOWER ST # 6TH	SANTA ANA	CA	92703	8582 HELLMAN AVE	CORONA CA 92880
130-030-022	1863 FAIRVIEW DR	CORONA	CA	92880	8500 HELLMAN AVE	CORONA CA 92880
130-030-044	300 N FLOWER ST	SANTA ANA	CA	92703	14901 RIVER RD	CORONA CA 92880
130-040-001	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
130-050-003	US INTERIOR DEPT OF	WASHINGTON	DC	21401	N/AVAIL	CORONA CA 92880
130-050-004	US INTERIOR DEPT OF	WASHINGTON	DC	21401	N/AVAIL	CORONA CA 92880
130-080-029	PO BOX 8300	FOUNTAIN VALLEY	CA	92728	N/AVAIL	CORONA CA 92880
130-080-033	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
130-080-034	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	CORONA CA 92880
130-650-004	8563 SHINKLE DR	CORONA	CA	92880	8563 SHINKLE DR	CORONA CA 92880
130-650-005	8575 SHINKLE DR	CORONA	CA	92880	8575 SHINKLE DR	CORONA CA 92880
130-650-006	8589 SHINKLE DR	CORONA	CA	92880	8589 SHINKLE DR	CORONA CA 92880
130-650-007	14673 SAN REMO DR	CORONA	CA	92880	14673 SAN REMO DR	CORONA CA 92880
130-650-008	14661 SAN REMO DR	CORONA	CA	92880	14661 SAN REMO DR	CORONA CA 92880
130-650-009	14649 SAN REMO DR	CORONA	CA	92880	14649 SAN REMO DR	CORONA CA 92880
130-750-014	8802 ARMADILLO DR	EASTVALE	CA	92880	8802 ARMADILLO DR	CORONA CA 92880
130-750-015	8814 ARMADILLO DR	EASTVALE	CA	92880	8814 ARMADILLO DR	CORONA CA 92880
130-750-016	8826 ARMADILLO DR	EASTVALE	CA	92880	8826 ARMADILLO DR	CORONA CA 92880
130-750-017	14417 BADGER LN	EASTVALE	CA	92880	14417 BADGER LN	CORONA CA 92880
130-750-018	14429 BADGER LN	EASTVALE	CA	92880	14429 BADGER LN	CORONA CA 92880
130-750-019	8800 E RAINTREE DR STE 300	SCOTTSDALE	AZ	85280	N/AVAIL	CORONA CA 92880
130-751-001	14453 BADGER LN	EASTVALE	CA	92880	14453 BADGER LN	CORONA CA 92880
130-751-002	14465 BADGER LN	EASTVALE	CA	92880	14465 BADGER LN	CORONA CA 92880
130-751-003	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	14477 BADGER LN	CORONA CA 92880
130-751-004	14489 BADGER LN	EASTVALE	CA	92880	14489 BADGER LN	CORONA CA 92880
130-751-005	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	14501 BADGER LN	CORONA CA 92880
130-751-006	14513 BADGER LN	EASTVALE	CA	92880	14513 BADGER LN	CORONA CA 92880
130-752-013	14461 BISON CT	EASTVALE	CA	92880	14481 BISON CT	CORONA CA 92880
130-752-014	14502 BADGER LN	EASTVALE	CA	92880	14502 BADGER LN	CORONA CA 92880
130-752-015	14488 BADGER LN	EASTVALE	CA	92880	14488 BADGER LN	CORONA CA 92880
130-752-016	14476 BADGER LN	EASTVALE	CA	92880	14476 BADGER LN	CORONA CA 92880
130-752-017	14464 BADGER LN	EASTVALE	CA	92880	14464 BADGER LN	CORONA CA 92880
130-752-018	14454 BADGER LN	EASTVALE	CA	92880	14454 BADGER LN	CORONA CA 92880
130-752-019	14430 BADGER LN	EASTVALE	CA	92880	14430 BADGER LN	CORONA CA 92880
130-752-020	14418 BADGER LN	EASTVALE	CA	92880	14418 BADGER LN	CORONA CA 92880
130-752-021	8801 ARMADILLO DR	EASTVALE	CA	92880	8801 ARMADILLO DR	CORONA CA 92880
130-760-001	14525 BADGER LN	EASTVALE	CA	92880	14525 BADGER LN	CORONA CA 92880
130-760-002	14537 BADGER LN	EASTVALE	CA	92880	14537 BADGER LN	CORONA CA 92880
130-760-003	14549 BADGER LN	EASTVALE	CA	92880	14549 BADGER LN	CORONA CA 92880
130-760-004	14561 BADGER LN	EASTVALE	CA	92880	14561 BADGER LN	CORONA CA 92880
130-760-005	14603 BADGER LN	EASTVALE	CA	92880	14603 BADGER LN	CORONA CA 92880
130-760-006	8781 BALD EAGLE DR	EASTVALE	CA	92880	8781 BALD EAGLE DR	CORONA CA 92880
130-760-007	8769 BALD EAGLE DR	EASTVALE	CA	92880	8769 BALD EAGLE DR	CORONA CA 92880
130-760-008	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	8757 BALD EAGLE DR	CORONA CA 92880
130-761-008	14550 BADGER LN	EASTVALE	CA	92880	14550 BADGER LN	CORONA CA 92880

**Circle City Substation and Mira Loma-Jefferson Project  
300' Notification List for Notice of Application**

APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
130-761-009	14538 BADGER LN	EASTVALE	CA	92880	14538 BADGER LN	CORONA CA 92880
130-761-010	14526 BADGER LN	EASTVALE	CA	92880	14526 BADGER LN	CORONA CA 92880
130-761-011	14526 BISON CT	EASTVALE	CA	92880	14526 BISON CT	CORONA CA 92880
130-762-001	14655 ALPACA CT	EASTVALE	CA	92880	14655 ALPACA CT	CORONA CA 92880
130-762-002	14667 ALPACA CT	EASTVALE	CA	92880	14667 ALPACA CT	CORONA CA 92880
130-762-003	14679 ALPACA CT	EASTVALE	CA	92880	14679 ALPACA CT	CORONA CA 92880
130-762-004	14680 ALPACA CT	EASTVALE	CA	92880	14680 ALPACA CT	CORONA CA 92880
130-762-005	14668 ALPACA CT	EASTVALE	CA	92880	14668 ALPACA CT	CORONA CA 92880
130-762-006	14656 ALPACA CT	EASTVALE	CA	92880	14656 ALPACA CT	CORONA CA 92880
130-762-007	14644 ALPACA CT	EASTVALE	CA	92880	14644 ALPACA CT	CORONA CA 92880
130-762-008	14632 ALPACA CT	EASTVALE	CA	92880	14632 ALPACA CT	CORONA CA 92880
144-010-009	9301 REMINGTON AVE	CHINO	CA	91710	9301 REMINGTON AVE	CHINO CA 91710
144-010-010	825 E 3RD ST	SAN BERNARDINO	CA	92415	N/AVAIL	CORONA CA 92880
144-010-013	34331 GREEN LANTERN ST	DANA POINT	CA	92629	6310 HELLMAN AVE	CHINO CA 91708
144-010-033	14728 PIPELINE AVE STE B	CHINO HILLS	CA	91709	6301 ARCHIBALD ST	CORONA CA 92880
144-010-034	6527 CONCERTO DR	EASTVALE	CA	92880	6595 CANTATA DR	EASTVALE CA 92880
144-010-035	6527 CONCERTO DR	EASTVALE	CA	92880	6313 ARCHIBALD ST	CORONA CA 92880
144-010-037	14728 PIPELINE AVE STE B	CHINO HILLS	CA	91709	N/AVAIL	CORONA CA 92880
144-010-038	14728 PIPELINE AVE STE B	CHINO HILLS	CA	91709	N/AVAIL	CORONA CA 92880
144-020-009	825 E 3RD ST	SAN BERNARDINO	CA	92415	6800 LONSDALE CT	CORONA CA 92880
144-020-010	825 E 3RD ST	SAN BERNARDINO	CA	92415	N/AVAIL	CORONA CA 92880
144-020-044	11201 HARREL ST	MIRA LOMA	CA	91752	N/AVAIL	CORONA CA 92880
144-030-012	PO BOX 8050	BENTONVILLE	AR	72712	N/AVAIL	CORONA CA 92880
144-030-014	PO BOX 8050	BENTONVILLE	AR	72712	N/AVAIL	CORONA CA 92880
144-030-021	11201 HARREL ST	MIRA LOMA	CA	91752	6411 ROLLING MEADOW ST	CORONA CA 92880
144-030-028	PO BOX 8050	BENTONVILLE	AR	72712	N/AVAIL	CORONA CA 92880
144-070-008	1758 FAIRVIEW DR	CORONA	CA	92880	N/AVAIL	CORONA CA 92880
144-070-009	1758 FAIRVIEW DR	CORONA	CA	92880	7620 HELLMAN AVE	CORONA CA 92880
144-070-012	300 N FLOWER ST	SANTA ANA	CA	92703	N/AVAIL	CORONA CA 92880
144-070-015	PO BOX 4048	SANTA ANA	CA	92702	N/AVAIL	CORONA CA 92880
144-070-016	7500 HELLMAN AVE	CORONA	CA	92880	7500 HELLMAN AVE	CORONA CA 92880
144-070-017	7500 HELLMAN AVE	CORONA	CA	92880	N/AVAIL	CORONA CA 92880
144-070-018	7500 HELLMAN AVE	CORONA	CA	92880	N/AVAIL	CORONA CA 92880
144-070-019	7560 HELLMAN AVE	CORONA	CA	92880	N/AVAIL	CORONA CA 92880
144-070-020	7500 HELLMAN AVE	CORONA	CA	92880	N/AVAIL	CORONA CA 92880
144-070-021	7560 HELLMAN AVE	CORONA	CA	92880	7560 HELLMAN AVE	CORONA CA 92880
144-070-023	825 E 3RD ST	SAN BERNARDINO	CA	92415	N/AVAIL	CORONA CA 92880
144-080-001	1995 MARKET ST	RIVERSIDE	CA	92501	N/AVAIL	CORONA CA 92880
144-080-002	300 N FLOWER ST # 6TH	SANTA ANA	CA	92703	14945 CHANDLER ST	CORONA CA 92880
144-080-013	300 N FLOWER ST	SANTA ANA	CA	92703	N/AVAIL	CORONA CA 92880
144-080-014	2131 WALNUT GROVE AVE # 2ND	ROSEMEAD	CA	91770	N/AVAIL	CORONA CA 92880
144-080-015	300 N FLOWER ST	SANTA ANA	CA	92703	N/AVAIL	CORONA CA 92880
144-080-016	825 E 3RD ST	SAN BERNARDINO	CA	92415	N/AVAIL	CORONA CA 92880
144-080-017	2131 WALNUT GROVE AVE # 2ND	ROSEMEAD	CA	91770	N/AVAIL	CORONA CA 92880
144-150-001	300 N FLOWER ST	SANTA ANA	CA	92703	7676 HELLMAN AVE	CORONA CA 92880
144-150-002	PO BOX 4048	SANTA ANA	CA	92702	N/AVAIL	CORONA CA 92880
144-150-003	PO BOX 4048	SANTA ANA	CA	92702	14969 XAVIER ST	CORONA CA 92880
144-150-006	PO BOX 4048	SANTA ANA	CA	92702	7666 HELLMAN AVE	CORONA CA 92880
144-150-007	PO BOX 4048	SANTA ANA	CA	92702	7652 HELLMAN AVE	CORONA CA 92880
144-343-001	13971 BURRAGE ST	EASTVALE	CA	92880	13971 BURRAGE ST	CORONA CA 92880
144-343-002	13981 BURRAGE ST	CORONA	CA	92880	13981 BURRAGE ST	CORONA CA 92880
144-343-003	13991 BURRAGE ST	CORONA	CA	92880	13991 BURRAGE ST	CORONA CA 92880
144-343-004	11993 SPARTAN LN	FONTANA	CA	92337	13998 BURRAGE ST	CORONA CA 92880
144-343-005	13988 BURRAGE ST	CORONA	CA	92880	13988 BURRAGE ST	CORONA CA 92880
144-343-006	31541 STONEY CREEK DR	LAKE ELSINORE	CA	92532	13978 BURRAGE ST	CORONA CA 92880
144-344-001	6378 ROLLING MEADOW ST	CORONA	CA	92880	6378 ROLLING MEADOW ST	CORONA CA 92880
144-344-002	6368 ROLLING MEADOW ST	EASTVALE	CA	92880	6368 ROLLING MEADOW ST	CORONA CA 92880
144-344-003	6358 ROLLING MEADOW ST	CORONA	CA	92880	6358 ROLLING MEADOW ST	CORONA CA 92880
144-346-001	13961 BURRAGE ST	CORONA	CA	92880	13961 BURRAGE ST	CORONA CA 92880
144-350-021	6217 CROSSFIRE CT	CORONA	CA	92880	6217 CROSSFIRE CT	CORONA CA 92880
144-350-022	6227 CROSSFIRE CT	CORONA	CA	92880	6227 CROSSFIRE CT	CORONA CA 92880
144-350-023	6237 CROSSFIRE CT	CORONA	CA	92880	6237 CROSSFIRE CT	CORONA CA 92880
144-350-025	6256 WINCHESTER CIR	CORONA	CA	92880	6256 WINCHESTER CIR	CORONA CA 92880
144-350-026	6246 WINCHESTER CIR	EASTVALE	CA	92880	6246 WINCHESTER CIR	CORONA CA 92880
144-350-027	6236 WINCHESTER CIR	CORONA	CA	92880	6236 WINCHESTER CIR	CORONA CA 92880
144-350-028	6226 WINCHESTER CIR	CORONA	CA	92880	6226 WINCHESTER CIR	CORONA CA 92880
144-350-029	6216 WINCHESTER CIR	CORONA	CA	92880	6216 WINCHESTER CIR	CORONA CA 92880
144-350-030	6209 WINCHESTER CIR	CORONA	CA	92880	6209 WINCHESTER CIR	CORONA CA 92880
144-350-031	6219 WINCHESTER CIR	CORONA	CA	92880	6219 WINCHESTER CIR	CORONA CA 92880
144-350-032	6229 WINCHESTER CIR	CORONA	CA	92880	6229 WINCHESTER CIR	CORONA CA 92880
144-350-033	6239 WINCHESTER CIR	CORONA	CA	92880	6239 WINCHESTER CIR	CORONA CA 92880
144-350-034	6249 WINCHESTER CIR	CORONA	CA	92880	6249 WINCHESTER CIR	CORONA CA 92880
144-350-035	6259 WINCHESTER CIR	CORONA	CA	92880	6259 WINCHESTER CIR	CORONA CA 92880
144-350-036	13912 FLINT CIR	EASTVALE	CA	92880	13912 FLINT CIR	CORONA CA 92880
144-350-037	371 EDGEWATER DR	SAN MARCOS	CA	92078	13922 FLINT CIR	CORONA CA 92880
144-350-038	13932 FLINT CIR	EASTVALE	CA	92880	13932 FLINT CIR	CORONA CA 92880
144-350-039	9608 VAN RUITEN ST	BELLFLOWER	CA	90706	13942 FLINT CIR	CORONA CA 92880
144-350-040	13935 FLINT CIR	CORONA	CA	92880	13935 FLINT CIR	CORONA CA 92880
144-350-041	13925 FLINT CIR	EASTVALE	CA	92880	13925 FLINT CIR	CORONA CA 92880
144-350-042	13915 FLINT CIR	CORONA	CA	92880	13915 FLINT CIR	CORONA CA 92880
144-350-043	13936 CLEAR WATER CIR	CORONA	CA	92880	13936 CLEAR WATER CIR	CORONA CA 92880
144-350-044	508 EVERETT AVE APT C	MONTEREY PARK	CA	91755	13946 CLEAR WATER CIR	CORONA CA 92880

**Circle City Substation and Mira Loma-Jefferson Project  
300' Notification List for Notice of Application**

APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
144-350-045	13956 CLEAR WATER CIR	CORONA	CA	92880	13956 CLEAR WATER CIR	CORONA CA 92880
144-350-046	13959 CLEAR WATER CIR	CORONA	CA	92880	13959 CLEAR WATER CIR	CORONA CA 92880
144-350-047	13949 CLEAR WATER CIR	CORONA	CA	92880	13949 CLEAR WATER CIR	CORONA CA 92880
144-350-048	13939 CLEAR WATER CIR	CORONA	CA	92880	13939 CLEAR WATER CIR	CORONA CA 92880
144-351-001	6348 ROLLING MEADOW ST	CORONA	CA	92880	6348 ROLLING MEADOW ST	CORONA CA 92880
144-351-002	6338 ROLLING MEADOW ST	CORONA	CA	92880	6338 ROLLING MEADOW ST	CORONA CA 92880
144-351-003	6328 ROLLING MEADOW ST	CORONA	CA	92880	6328 ROLLING MEADOW ST	CORONA CA 92880
144-351-004	14927 AVENIDA ANITA	CHINO HILLS	CA	91709	6318 ROLLING MEADOW ST	CORONA CA 92880
144-462-017	6601 COYOTE TRAIL LN	CORONA	CA	92880	6601 COYOTE TRAIL LN	CORONA CA 92880
144-520-014	7377 FALL WAY	EASTVALE	CA	92880	7377 FALL WAY	CORONA CA 92880
144-520-015	7366 MADDOX CT	EASTVALE	CA	92880	7366 MADDOX CT	CORONA CA 92880
144-520-016	7354 MADDOX CT	EASTVALE	CA	92880	7354 MADDOX CT	CORONA CA 92880
144-520-020	7306 MADDOX CT	CORONA	CA	92880	7306 MADDOX CT	CORONA CA 92880
144-520-021	7303 MADDOX CT	CORONA	CA	92880	7303 MADDOX CT	CORONA CA 92880
144-520-022	7315 MADDOX CT	EASTVALE	CA	92880	7315 MADDOX CT	CORONA CA 92880
144-520-023	7327 MADDOX CT	CORONA	CA	92880	7327 MADDOX CT	CORONA CA 92880
144-521-001	7351 MADDOX CT	EASTVALE	CA	92880	7351 MADDOX CT	CORONA CA 92880
144-521-002	7363 MADDOX CT	EASTVALE	CA	92880	7363 MADDOX CT	CORONA CA 92880
144-521-003	7375 MADDOX CT	EASTVALE	CA	92880	7375 MADDOX CT	CORONA CA 92880
144-521-004	14975 BRIDAL TRAIL CIR	EASTVALE	CA	92880	14975 BRIDAL TRAIL CIR	CORONA CA 92880
144-521-005	14963 BRIDAL TRAIL CIR	EASTVALE	CA	92880	14963 BRIDAL TRAIL CIR	CORONA CA 92880
144-521-006	14951 BRIDAL TRAIL CIR	EASTVALE	CA	92880	14951 BRIDAL TRAIL CIR	CORONA CA 92880
144-521-007	14939 BRIDAL TRAIL CIR	EASTVALE	CA	92880	14939 BRIDAL TRAIL CIR	CORONA CA 92880
144-600-010	6618 RUBY GIANT CT	CORONA	CA	92880	6618 RUBY GIANT CT	CORONA CA 92880
144-600-011	6608 RUBY GIANT CT	CORONA	CA	92880	6608 RUBY GIANT CT	CORONA CA 92880
144-600-012	14728 PIPELINE AVE STE B	CHINO HILLS	CA	91709	6601 RUBY GIANT CT	CORONA CA 92880
144-600-013	6611 RUBY GIANT CT	CORONA	CA	92880	6611 RUBY GIANT CT	CORONA CA 92880
144-600-014	6621 RUBY GIANT CT	CORONA	CA	92880	6621 RUBY GIANT CT	CORONA CA 92880
144-600-015	6631 RUBY GIANT CT	CORONA	CA	92880	6631 RUBY GIANT CT	CORONA CA 92880
144-600-030	6640 BRIGHT GEM CT	EASTVALE	CA	92880	6640 BRIGHT GEM CT	CORONA CA 92880
144-600-031	6630 BRIGHT GEM CT	CORONA	CA	92880	6630 BRIGHT GEM CT	CORONA CA 92880
144-600-032	6620 BRIGHT GEM CT	CORONA	CA	92880	6620 BRIGHT GEM CT	CORONA CA 92880
144-600-033	6610 BRIGHT GEM CT	CORONA	CA	92880	6610 BRIGHT GEM CT	CORONA CA 92880
144-600-034	6613 BRIGHT GEM CT	CORONA	CA	92880	6613 BRIGHT GEM CT	CORONA CA 92880
144-600-035	6623 BRIGHT GEM CT	EASTVALE	CA	92880	6623 BRIGHT GEM CT	CORONA CA 92880
144-600-036	6633 BRIGHT GEM CT	EASTVALE	CA	92880	6633 BRIGHT GEM CT	CORONA CA 92880
144-600-037	6643 BRIGHT GEM CT	EASTVALE	CA	92880	6643 BRIGHT GEM CT	CORONA CA 92880
144-600-038	6653 BRIGHT GEM CT	CORONA	CA	92880	6653 BRIGHT GEM CT	CORONA CA 92880
144-600-045	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL	6603 BRIGHT GEM CT	CORONA CA 92880
144-600-050	6685 ROSEBAY CT	CORONA	CA	92880	6685 ROSEBAY CT	CORONA CA 92880
144-600-051	6675 ROSEBAY CT	EASTVALE	CA	92880	6675 ROSEBAY CT	CORONA CA 92880
144-600-052	6645 ROSEBAY CT	EASTVALE	CA	92880	6645 ROSEBAY CT	CORONA CA 92880
144-600-053	6635 ROSEBAY CT	CORONA	CA	92880	6635 ROSEBAY CT	CORONA CA 92880
144-600-054	6625 ROSEBAY CT	EASTVALE	CA	92880	6625 ROSEBAY CT	CORONA CA 92880
144-600-055	6622 ROSEBAY CT	CORONA	CA	92880	6622 ROSEBAY CT	CORONA CA 92880
144-600-056	6632 ROSEBAY CT	CORONA	CA	92880	6632 ROSEBAY CT	CORONA CA 92880
144-600-057	6642 ROSEBAY CT	CORONA	CA	92880	6642 ROSEBAY CT	CORONA CA 92880
144-600-058	6652 ROSEBAY CT	CORONA	CA	92880	6652 ROSEBAY CT	CORONA CA 92880
144-600-059	6672 ROSEBAY CT	CORONA	CA	92880	6672 ROSEBAY CT	CORONA CA 92880
144-600-060	6682 ROSEBAY CT	CORONA	CA	92880	6682 ROSEBAY CT	CORONA CA 92880
144-600-070	6657 BULL THISTLE CT	EASTVALE	CA	92880	6657 BULL THISTLE CT	CORONA CA 92880
144-600-071	6647 BULL THISTLE CT	CORONA	CA	92880	6647 BULL THISTLE CT	CORONA CA 92880
144-600-072	6637 BULL THISTLE CT	EASTVALE	CA	92880	6637 BULL THISTLE CT	CORONA CA 92880
144-600-073	6627 BULL THISTLE CT	CORONA	CA	92880	6627 BULL THISTLE CT	CORONA CA 92880
144-600-074	6617 BULL THISTLE CT	CORONA	CA	92880	6617 BULL THISTLE CT	CORONA CA 92880
144-600-075	6604 BULL THISTLE CT	EASTVALE	CA	92880	6604 BULL THISTLE CT	CORONA CA 92880
144-600-076	6614 BULL THISTLE CT	CORONA	CA	92880	6614 BULL THISTLE CT	CORONA CA 92880
144-600-077	6624 BULL THISTLE CT	CORONA	CA	92880	6624 BULL THISTLE CT	CORONA CA 92880
144-600-078	6634 BULL THISTLE CT	EASTVALE	CA	92880	6634 BULL THISTLE CT	CORONA CA 92880
144-600-079	6644 BULL THISTLE CT	CORONA	CA	92880	6644 BULL THISTLE CT	CORONA CA 92880
144-600-080	6654 BULL THISTLE CT	CORONA	CA	92880	6654 BULL THISTLE CT	CORONA CA 92880
144-610-001	6745 GROUND IVY CT	CORONA	CA	92880	6745 GROUND IVY CT	CORONA CA 92880
144-610-002	6735 GROUND IVY CT	CORONA	CA	92880	6735 GROUND IVY CT	CORONA CA 92880
144-610-003	6275 GROUND IVY CT	CORONA	CA	92880	6725 GROUND IVY CT	CORONA CA 92880
144-610-004	6715 GROUND IVY CT	CORONA	CA	92880	6715 GROUND IVY CT	CORONA CA 92880
144-610-005	6702 GROUND IVY CT	CORONA	CA	92880	6702 GROUND IVY CT	CORONA CA 92880
144-610-006	6712 GROUND IVY CT	CORONA	CA	92880	6712 GROUND IVY CT	CORONA CA 92880
144-610-007	6722 GROUND IVY CT	CORONA	CA	92880	6722 GROUND IVY CT	CORONA CA 92880
144-610-008	6732 GROUND IVY CT	CORONA	CA	92880	6732 GROUND IVY CT	CORONA CA 92880
144-610-009	6742 GROUND IVY CT	CORONA	CA	92880	6742 GROUND IVY CT	CORONA CA 92880
144-610-010	6747 MUSK MALLOW CT	CORONA	CA	92880	6747 MUSK MALLOW CT	CORONA CA 92880
144-610-011	6737 MUSK MALLOW CT	CORONA	CA	92880	6737 MUSK MALLOW CT	CORONA CA 92880
144-610-012	6727 MUSK MALLOW CT	CORONA	CA	92880	6727 MUSK MALLOW CT	CORONA CA 92880
144-610-013	6717 MUSK MALLOW CT	CORONA	CA	92880	6717 MUSK MALLOW CT	CORONA CA 92880
144-610-014	6687 MUSK MALLOW CT	CORONA	CA	92880	6687 MUSK MALLOW CT	CORONA CA 92880
144-610-015	6677 MUSK MALLOW CT	CORONA	CA	92880	6677 MUSK MALLOW CT	CORONA CA 92880
144-610-016	14728 PIPELINE AVE STE B	CHINO HILLS	CA	91709	6674 MUSK MALLOW CT	CORONA CA 92880
144-610-017	6684 MUSK MALLOW CT	CORONA	CA	92880	6684 MUSK MALLOW CT	CORONA CA 92880
144-610-018	6694 MUSK MALLOW CT	CORONA	CA	92880	6694 MUSK MALLOW CT	CORONA CA 92880
144-610-019	PO BOX 782	ALHAMBRA	CA	91802	6714 MUSK MALLOW CT	CORONA CA 92880
144-610-020	6724 MUSK MALLOW CT	CORONA	CA	92880	6724 MUSK MALLOW CT	CORONA CA 92880
144-610-021	6734 MUSK MALLOW CT	CORONA	CA	92880	6734 MUSK MALLOW CT	CORONA CA 92880

**Circle City Substation and Mira Loma-Jefferson Project  
300' Notification List for Notice of Application**

APN	MAILING ADDRESS	MAILING CITY	MAILING STATE	MAILING ZIP CODE	PROPERTY ADDRESS	PROPERTY CITY, STATE, ZIP
144-610-025	6723 WHITE CLOVER WAY	CORONA	CA	92880	6723 WHITE CLOVER WAY	CORONA CA 92880
144-610-026	26371 PALOMA APT 81	FOOTHILL RANCH	CA	92610	6713 WHITE CLOVER WAY	CORONA CA 92880
144-610-027	6693 WHITE CLOVER WAY	CORONA	CA	92880	6693 WHITE CLOVER WAY	CORONA CA 92880
144-610-028	6683 WHITE CLOVER WAY	CORONA	CA	92880	6683 WHITE CLOVER WAY	CORONA CA 92880
144-610-029	6673 WHITE CLOVER WAY	EASTVALE	CA	92880	6673 WHITE CLOVER WAY	CORONA CA 92880
144-611-001	13437 QUAIL RUN RD	CORONA	CA	92880	6670 WHITE CLOVER WAY	CORONA CA 92880
144-611-002	6650 WHITE CLOVER WAY	CORONA	CA	92880	6650 WHITE CLOVER WAY	CORONA CA 92880
144-611-003	6690 WHITE CLOVER WAY	EASTVALE	CA	92880	6690 WHITE CLOVER WAY	CORONA CA 92880
144-611-004	6700 WHITE CLOVER WAY	CORONA	CA	92880	6700 WHITE CLOVER WAY	CORONA CA 92880
144-611-005	6710 WHITE CLOVER WAY	CORONA	CA	92880	6710 WHITE CLOVER WAY	CORONA CA 92880
144-611-012	6711 SILVERWEED WAY	CORONA	CA	92880	6711 SILVERWEED WAY	CORONA CA 92880
144-611-013	6701 SILVERWEED WAY	CORONA	CA	92880	6701 SILVERWEED WAY	CORONA CA 92880
144-611-014	6691 SILVERWEED WAY	EASTVALE	CA	92880	6691 SILVERWEED WAY	CORONA CA 92880
144-611-015	6681 SILVERWEED WAY	CORONA	CA	92880	6681 SILVERWEED WAY	CORONA CA 92880
144-611-016	6651 SILVERWEED WAY	EASTVALE	CA	92880	6651 SILVERWEED WAY	CORONA CA 92880
144-612-001	6648 SILVERWEED WAY	CORONA	CA	92880	6648 SILVERWEED WAY	CORONA CA 92880
144-612-002	6658 SILVERWEED WAY	CORONA	CA	92880	6658 SILVERWEED WAY	CORONA CA 92880
144-612-003	6678 SILVERWEED WAY	CORONA	CA	92880	6678 SILVERWEED WAY	CORONA CA 92880
144-612-004	6688 SILVERWEED WAY	CORONA	CA	92880	6688 SILVERWEED WAY	CORONA CA 92880
144-612-005	6698 SILVERWEED WAY	EASTVALE	CA	92880	6698 SILVERWEED WAY	CORONA CA 92880
144-612-014	6689 WHITEWELL RD	EASTVALE	CA	92880	6689 WHITEWELL RD	CORONA CA 92880
144-612-015	6679 WHITEWELL RD	EASTVALE	CA	92880	6679 WHITEWELL RD	CORONA CA 92880
144-612-016	6659 WHITEWELL RD	CORONA	CA	92880	6659 WHITEWELL RD	CORONA CA 92880
144-612-017	6649 WHITEWELL RD	EASTVALE	CA	92880	6649 WHITEWELL RD	CORONA CA 92880
144-613-001	6636 WHITEWELL RD	EASTVALE	CA	92880	6636 WHITEWELL RD	CORONA CA 92880
144-613-002	6646 WHITEWELL RD	CORONA	CA	92880	6646 WHITEWELL RD	CORONA CA 92880
144-613-003	6656 WHITEWELL RD	EASTVALE	CA	92880	6656 WHITEWELL RD	CORONA CA 92880
144-613-004	84 STATUARY	IRVINE	CA	92620	6676 WHITEWELL RD	CORONA CA 92880
144-613-005	6686 WHITEWELL RD	CORONA	CA	92880	6686 WHITEWELL RD	CORONA CA 92880
144-790-018	14959 BROOKTREE ST	CORONA	CA	92880	14959 BROOKTREE ST	CORONA CA 92880
144-790-019	14971 BROOKTREE ST	CORONA	CA	92880	14971 BROOKTREE ST	CORONA CA 92880
144-790-020	14977 BROOKTREE ST	CORONA	CA	92880	14977 BROOKTREE ST	CORONA CA 92880
144-790-021	14983 BROOKSFREE	EASTVALE	CA	92880	14983 BROOKTREE ST	CORONA CA 92880
144-790-022	14989 BROOKTREE ST	CORONA	CA	92880	14989 BROOKTREE ST	CORONA CA 92880
144-790-023	14995 BROOKTREE ST	CORONA	CA	92880	14995 BROOKTREE ST	CORONA CA 92880
144-790-024	14996 FRANKLIN LN	CORONA	CA	92880	14996 FRANKLIN LN	CORONA CA 92880
144-790-032	1250 CORONA POINTE CT STE 600	CORONA	CA	92879	N/AVAIL	CORONA CA 92880
144-800-037	7031 STOCKTON DR	EASTVALE	CA	92880	7031 STOCKTON DR	CORONA CA 92880
144-800-038	7043 STOCKTON DR	CORONA	CA	92880	7043 STOCKTON DR	CORONA CA 92880
144-800-039	6628 CANTER COVE CT	EASTVALE	CA	92880	7055 STOCKTON DR	CORONA CA 92880
144-800-040	7067 STOCKTON DR	EASTVALE	CA	92880	7067 STOCKTON DR	CORONA CA 92880
144-800-041	7079 STOCKTON DR	EASTVALE	CA	92880	7079 STOCKTON DR	CORONA CA 92880
144-800-042	7091 STOCKTON DR	CORONA	CA	92880	7091 STOCKTON DR	CORONA CA 92880
144-800-043	7103 STOCKTON DR	EASTVALE	CA	92880	7103 STOCKTON DR	CORONA CA 92880
144-800-044	7115 STOCKTON DR	CORONA	CA	92880	7115 STOCKTON DR	CORONA CA 92880
144-800-045	7127 STOCKTON DR	CORONA	CA	92880	7127 STOCKTON DR	CORONA CA 92880
144-800-046	7139 STOCKTON DR	CORONA	CA	92880	7139 STOCKTON DR	CORONA CA 92880
144-800-047	7151 STOCKTON DR	CORONA	CA	92880	N/AVAIL	CORONA CA 92880
144-801-001	7148 STOCKTON DR	CORONA	CA	92880	7148 STOCKTON DR	CORONA CA 92880
144-801-002	7136 STOCKTON DR	CORONA	CA	92880	7136 STOCKTON DR	CORONA CA 92880
144-801-003	7124 STOCKTON DR	CORONA	CA	92880	7124 STOCKTON DR	CORONA CA 92880
144-801-004	7112 STOCKTON DR	CORONA	CA	92880	7112 STOCKTON DR	CORONA CA 92880
144-801-005	7100 STOCKTON DR	EASTVALE	CA	92880	7100 STOCKTON DR	CORONA CA 92880
144-801-006	7088 STOCKTON DR	EASTVALE	CA	92880	7088 STOCKTON DR	CORONA CA 92880
144-810-001	7163 STOCKTON DR	CORONA	CA	92880	N/AVAIL	CORONA CA 92880
144-810-002	14964 CORVALIS CT	EASTVALE	CA	92880	14964 CORVALIS CT	CORONA CA 92880
144-810-003	14976 CORVALIS CT	CORONA	CA	92880	14976 CORVALIS CT	CORONA CA 92880
144-810-004	14988 CORVALIS CT	CORONA	CA	92880	14988 CORVALIS CT	CORONA CA 92880
144-810-005	14991 CORVALIS CT	CORONA	CA	92880	14991 CORVALIS CT	CORONA CA 92880
144-810-006	14979 CORVALIS CT	CORONA	CA	92880	14979 CORVALIS CT	CORONA CA 92880
144-811-015	7172 STOCKTON DR	EASTVALE	CA	92880	7172 STOCKTON DR	CORONA CA 92880
144-821-001	6891 WOODRUSH WAY	CORONA	CA	92880	6891 WOODRUSH WAY	CORONA CA 92880
144-821-002	6879 WOODRUSH WAY	CORONA	CA	92880	6879 WOODRUSH WAY	CORONA CA 92880
144-821-003	PO BOX 114	CHINO HILLS	CA	91709	6867 WOODRUSH WAY	CORONA CA 92880
144-821-004	6855 WOODRUSH WAY	CORONA	CA	92880	6855 WOODRUSH WAY	CORONA CA 92880
144-821-005	6843 WOODRUSH WAY	EASTVALE	CA	92880	6843 WOODRUSH WAY	CORONA CA 92880
144-821-006	6831 WOODRUSH WAY	CORONA	CA	92880	6831 WOODRUSH WAY	CORONA CA 92880
144-821-007	6819 WOODRUSH WAY	EASTVALE	CA	92880	6819 WOODRUSH WAY	CORONA CA 92880
144-821-008	6807 WOODRUSH WAY	CORONA	CA	92880	6807 WOODRUSH WAY	CORONA CA 92880
144-822-003	14964 EDGEWOOD DR	CORONA	CA	92880	14964 EDGEWOOD DR	CORONA CA 92880
144-822-004	14976 EDGEWOOD DR	CORONA	CA	92880	14976 EDGEWOOD DR	CORONA CA 92880
144-822-005	14988 EDGEWOOD DR	CORONA	CA	92880	14988 EDGEWOOD DR	CORONA CA 92880
144-822-006	14983 OAKVALE CIR	CORONA	CA	92880	14983 OAKVALE CIR	CORONA CA 92880
144-822-007	14971 OAKVALE CIR	EASTVALE	CA	92880	14971 OAKVALE CIR	CORONA CA 92880
144-822-008	14959 OAKVALE CIR	CORONA	CA	92880	14959 OAKVALE CIR	CORONA CA 92880
144-823-012	14961 EDGEWOOD DR	CORONA	CA	92880	14961 EDGEWOOD DR	CORONA CA 92880
144-823-013	14973 EDGEWOOD DR	EASTVALE	CA	92880	14973 EDGEWOOD DR	CORONA CA 92880
144-823-014	14985 EDGEWOOD DR	CORONA	CA	92880	14985 EDGEWOOD DR	CORONA CA 92880
144-823-015	14980 LANDERWOOD DR	CORONA	CA	92880	14980 LANDERWOOD DR	CORONA CA 92880
144-823-016	14968 LANDERWOOD DR	CORONA	CA	92880	14968 LANDERWOOD DR	CORONA CA 92880
144-823-017	14956 LANDERWOOD DR	EASTVALE	CA	92880	14956 LANDERWOOD DR	CORONA CA 92880
144-830-012	14951 MURWOOD LN	EASTVALE	CA	92880	14951 MURWOOD LN	CORONA CA 92880



Circle City Substation and Mira Loma-Jefferson Line Project  
 Interested Party Mailing List for Notice of Application

<u>Name</u>	<u>Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
Bill Van Leeuwer	13000 Citrus St	Eastvale	CA	92880
Dickie Simmons	7091 Ginko Ct	Eastvale	CA	92880
Scot Hutter	7260 Leighton Dr	Eastvale	CA	92880
Kate Ferguson	7168 Sheffield St	Eastvale	CA	92880
Jack Moons	34331 Green Lantern St	Dana Point	CA	92629
Robert Peak	2110 Santa Anita	Norco	CA	92860
Erica Reyes	1112 Fullerton	Corona	CA	92879
Alice Whey	1966 Adobe	Corona	CA	92882
Don Williamson	2467 Emerson Dr	Corona	CA	92882

**APPENDIX F**  
**Field Management Plan**

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### List of Terms

CDHS	California Department of Health Services
C/L	center line
CPCN	Certificate of Public Convenience and Necessity
CPUC	California Public Utilities Commission
ELF	Extremely Low Frequency
EMF	electric and magnetic fields
FMP	field management plan
GO	General Order
IARC	International Agency for Research on Cancer
kV	Kilovolt
LWS	light weight steel
mG	milliGauss
MVA	megavolt-ampere
MW	Megawatt
NIEHS	National Institute of Environmental Health Sciences
NRPB	National Radiation Protection Board
PEA	Proponents Environmental Assessment
RAPID	Research and Public Information Dissemination
ROW	right-of-way
SCE	Southern California Edison
T/L	transmission line
TSP	tubular steel pole
WHO	World Health Organization

## I. EXECUTIVE SUMMARY

This document is Southern California Edison Company's (SCE) Field Management Plan (FMP) for the proposed Circle City Substation Project (Proposed Project). SCE proposes to construct the Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project to maintain system reliability and serve projected electrical demand in portions of unincorporated Riverside County and the cities of Corona and Norco, California. The Proposed Project is planned to be operational by 2021. The Proposed Project would include the following:

- Construction of a new 66/12 kilovolt (kV) substation (Circle City Substation). The proposed Circle City Substation would be an unstaffed, automated, low-profile 56 megavolt-ampere (MVA), substation with a potential capacity of 112 MVA at final build out.
- Construction of four new 66 kV subtransmission source lines, including:
  - Two source lines in a double-circuit configuration, which would be a combination of overhead and underground construction. Each source line would be approximately 1.2 miles in length and would be created by connecting to the existing Chase-Corona-Databank 66 kV Subtransmission Line to form the new Circle City-Corona No. 2 66 kV Subtransmission Line and the new Chase-Circle City-Databank 66 kV Subtransmission Line.
  - Two source lines in a double-circuit configuration, which would be constructed overhead. Each source line would be approximately 3.5 miles in length and would be created by connecting to the existing Mira Loma-Corona-Pedley 66 kV Subtransmission Line to form the Mira Loma-Circle City-Pedley 66 kV and the Circle City-Corona No. 1 66 kV subtransmission lines.
- Construction of a new 66 kV subtransmission line, which would be a combination of both overhead and underground construction. The proposed Mira Loma-Jefferson 66 kV Subtransmission Line would be approximately 10.9 miles in length and would be constructed from SCE's existing Mira Loma Substation to a location adjacent to SCE's existing Corona Substation.
- Upgrade Mira Loma Substation to accommodate the new Mira Loma-Jefferson 66 kV Subtransmission Line.
- Construction of approximately six new underground 12 kV distribution getaways exiting the proposed Circle City Substation.
- Relocation of approximately 1.9 miles of an existing overhead 33 kV distribution line to an underground position.
- Installation of telecommunications facilities to connect the Proposed Project to SCE's existing telecommunications system.

SCE provides this FMP in order to inform the public, the California Public Utilities Commission (CPUC), and other interested parties of its evaluation of “no-cost and low-cost” magnetic field reduction design options for this project, and SCE’s proposed plan to apply these design options to this project. This FMP has been prepared in accordance with CPUC Decision No. 93-11-013 and Decision No. 06-01-042 relating to extremely low frequency (ELF)<sup>1</sup> electric and magnetic fields (EMF). This FMP also provides background on the current status of scientific research related to possible health effects of EMF, and a description of the CPUC’s EMF policy.

The “no-cost and low-cost” magnetic field reduction design options that are incorporated into the design of the Proposed Project are as follows:

- Utilize subtransmission structure heights that meet or exceed SCE’s preferred EMF design criteria
- Utilize subtransmission line construction that reduces the space between conductors compared with other designs
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction
- Utilize underground subtransmission construction for engineering reasons
- Arrange underground cables of proposed subtransmission line for magnetic field reduction
- Place major substation electrical equipment (such as transformers, switchracks, buses and underground duct banks) away from the substation property lines

Table 1 below summarizes “no-cost and low-cost” magnetic field reduction design options that SCE adopted for the Proposed Project.

SCE’s plan for applying the above “no-cost and low-cost” magnetic field reduction design options for the Proposed Project is consistent with CPUC’s EMF policy and with the direction of leading national and international health agencies. Furthermore, the plan complies with SCE’s EMF Design Guidelines<sup>2</sup>, and with applicable national and state safety standards for new electrical facilities.

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<sup>1</sup> The extremely low frequency is defined as the frequency range from 3 Hz to 3,000 Hz.

<sup>2</sup> EMF Design Guidelines, August 2006.

**Table 1. Summary of “No-cost and Low-cost” Magnetic Field Reduction Design Options**

Area No.	Location <sup>3</sup>	Adjacent Land Use <sup>4</sup>	MF Reduction Design Options Considered	Estimated Cost to Adopt	Design Option(s) Adopted? (Yes/No)	Reason(s) if not adopted
Proposed Circle City Substation	Located on Leeson Lane at the intersection of Dudley Way in the City of Corona, CA	3	<ul style="list-style-type: none"> <li>• Place major substation electrical equipment (such as transformers, bus and switchracks, buses and underground duct banks) away from the substation property lines</li> <li>• Configure the transfer and operating buses with the transfer bus closest to the nearest property line</li> </ul>	<ul style="list-style-type: none"> <li>• No-Cost<sup>5</sup></li> <li>• No-Cost<sup>6</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	<ul style="list-style-type: none"> <li>• It is a breaker-and-a-half design.</li> </ul>

<sup>3</sup> This column shows the major cross streets, existing subtransmission lines, or substation name as reference points.

<sup>4</sup> Land usage codes are as follows: 1) schools, licensed day-cares, and hospitals, 2) residential, 3) commercial/industrial, 4) recreational, 5) agricultural, and 6) undeveloped land.

<sup>5</sup> This option was included in the preliminary design and continues to be included in the design of the project.

<sup>6</sup> *Ibid.*

Area No.	Location <sup>3</sup>	Adjacent Land Use <sup>4</sup>	MF Reduction Design Options Considered	Estimated Cost to Adopt	Design Option(s) Adopted? (Yes/No)	Reason(s) if not adopted
<p><b>Section 1</b> Proposed Circle City Source Line <u>Route 1</u> <u>overhead</u></p>	<p>Blaine Street, Joy Street, 3<sup>rd</sup> Street, Quarry Street, El Sobrante Road, 6<sup>th</sup> Street, and Magnolia Avenue</p>	<p>2,3</p>	<ul style="list-style-type: none"> <li>• Utilize subtransmission structure heights that meet or exceed SCE's preferred EMF design criteria</li> <li>• Utilize double-circuit construction that reduces the space between conductors compared with other designs</li> <li>• Arrange conductors of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>• No-Cost</li> <li>• No-Cost</li> <li>• No-Cost</li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• Yes</li> <li>• Yes</li> </ul>	
<p><b>Section 2</b> Proposed Circle City Source Line <u>Route 1</u> <u>underground</u></p>	<p>Blaine Street, Grand Boulevard and 3<sup>rd</sup> Street</p>	<p>3</p>	<ul style="list-style-type: none"> <li>• Utilize underground subtransmission construction for engineering reasons</li> <li>• Arrange underground cables of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>• No-Cost</li> <li>• No-Cost</li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• Yes</li> </ul>	

Area No.	Location <sup>3</sup>	Adjacent Land Use <sup>4</sup>	MF Reduction Design Options Considered	Estimated Cost to Adopt	Design Option(s) Adopted? (Yes/No)	Reason(s) if not adopted
<p><b>Section 3</b> 66 kV Source sub-transmission line <u>Route 2 overhead</u></p>	<p>Magnolia Avenue East of El Camino Avenue</p>	<p>3</p>	<ul style="list-style-type: none"> <li>Utilize subtransmission structure heights that meet or exceed SCE's preferred EMF design criteria</li> <li>Utilize double-circuit construction that reduces the space between conductors compared with other designs</li> <li>Arrange conductors of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>No-Cost</li> <li>No-Cost</li> <li>No-Cost</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	
<p><b>Section 4</b> 66 kV Source sub-transmission line <u>Route 2 underground</u></p>	<p>Magnolia Avenue West of El Camino Avenue</p>	<p>3</p>	<ul style="list-style-type: none"> <li>Utilize underground subtransmission construction for engineering reasons</li> <li>Arrange conductors of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>No-Cost</li> <li>No-Cost</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> </ul>	

Area No.	Location <sup>3</sup>	Adjacent Land Use <sup>4</sup>	MF Reduction Design Options Considered	Estimated Cost to Adopt	Design Option(s) Adopted? (Yes/No)	Reason(s) if not adopted
<p><b>Section 5</b> Mira Loma-Jefferson 66 kV Sub-transmission Line</p>	<p>500 kV ROW SW of Mira Loma Substation to Hellman Avenue</p>	<p>2, 4</p>	<ul style="list-style-type: none"> <li>Utilize subtransmission structure heights that meet or exceed SCE's preferred EMF design criteria</li> <li>Utilize double-circuit construction that reduces the space between conductors compared with other designs</li> <li>Arrange conductors of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>No-Cost</li> <li>No-Cost</li> <li>No-Cost</li> </ul>	<ul style="list-style-type: none"> <li>No</li> <li>Yes</li> <li>Yes</li> </ul>	<ul style="list-style-type: none"> <li>Clearance to avoid infractions from 500kv to 66kV. Along this 500kV ROW, SCE Transmission Engineering determined 70 ft. is recommended height for 66kV to avoid GO-95 infraction.</li> </ul>
<p><b>Section 6</b> Mira Loma-Jefferson 66 kV Sub-transmission Line</p>	<p>Hellman Avenue North of Schleisman Road</p>	<p>2,5</p>	<ul style="list-style-type: none"> <li>Utilize subtransmission structure heights that meet or exceed SCE's preferred EMF design criteria</li> <li>Utilize double-circuit construction that reduces the space between conductors compared with other designs</li> <li>Arrange conductors of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>No-Cost</li> <li>No-Cost</li> <li>Low-Cost</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	

Area No.	Location <sup>3</sup>	Adjacent Land Use <sup>4</sup>	MF Reduction Design Options Considered	Estimated Cost to Adopt	Design Option(s) Adopted? (Yes/No)	Reason(s) if not adopted
<p><b>Section 7</b> Mira Loma-Jefferson 66 kV Sub-transmission Line</p>	<p>Hellman Avenue South of Schleisman Road</p>	<p>2,5</p>	<ul style="list-style-type: none"> <li>Utilize subtransmission structure heights that meet or exceed SCE's preferred EMF design criteria</li> <li>Utilize double-circuit construction that reduces the space between conductors compared with other designs</li> <li>Arrange conductors of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>No-Cost</li> <li>No-Cost</li> <li>Low-Cost</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	
<p><b>Section 8</b> Mira Loma-Jefferson 66 kV Sub-transmission Line</p>	<p>Hellman Avenue South of Outback Way</p>	<p>2,5</p>	<ul style="list-style-type: none"> <li>Utilize subtransmission structure heights that meet or exceed SCE's preferred EMF design criteria</li> <li>Utilize subtransmission line construction that reduces the space between conductors compared with other designs</li> <li>Arrange conductors of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>No-Cost</li> <li>No-Cost</li> <li>Low-Cost</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>	

Area No.	Location <sup>3</sup>	Adjacent Land Use <sup>4</sup>	MF Reduction Design Options Considered	Estimated Cost to Adopt	Design Option(s) Adopted? (Yes/No)	Reason(s) if not adopted
<p><b>Section 9</b> Mira Loma-Jefferson 66 kV Sub-transmission Line</p>	<p>River Road adjacent to Auburndale Middle School</p>	<p>1,3</p>	<ul style="list-style-type: none"> <li>• Utilize subtransmission structure heights that meet or exceed SCE's preferred EMF design criteria</li> <li>• Utilize double-circuit construction that reduces the space between conductors compared with other designs</li> <li>• Arrange conductors of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>• No-Cost</li> <li>• No-Cost</li> <li>• Low-Cost</li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• Yes</li> <li>• Yes</li> </ul>	
<p><b>Section 10</b> Mira Loma-Jefferson 66 kV Sub-transmission Line</p>	<p>N. Cota Street</p>	<p>3</p>	<ul style="list-style-type: none"> <li>• Utilize underground subtransmission construction for engineering reasons</li> <li>• Arrange underground cables of proposed subtransmission line for magnetic field reduction</li> </ul>	<ul style="list-style-type: none"> <li>• No-Cost</li> <li>• No-Cost</li> </ul>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• Yes</li> </ul>	

## II. BACKGROUND REGARDING EMF AND PUBLIC HEALTH RESEARCH ON EMF

There are many sources of power frequency<sup>7</sup> electric and magnetic fields, including internal household and building wiring, electrical appliances, and electric power transmission and distribution lines. There have been numerous scientific studies about the potential health effects of EMF. After many years of research, the scientific community has been unable to determine if exposures to EMF cause health hazards. State and federal public health regulatory agencies have determined that setting numeric exposure limits is not appropriate.<sup>8</sup>

Many of the questions about possible connections between EMF exposures and specific diseases have been successfully resolved due to an aggressive international research program. However, potentially important public health questions remain about whether there is a link between EMF exposures and certain diseases, including childhood leukemia and a variety of adult diseases (e.g., adult cancers and miscarriages). As a result, some health authorities have identified magnetic field exposures as a possible human carcinogen. As summarized in greater detail below, these conclusions are consistent with the following published reports: the National Institute of Environmental Health Sciences (“NIEHS”) 1999<sup>9</sup>, the National Radiation Protection Board (“NRPB”) 2001<sup>10</sup>, the International Commission on non-Ionizing Radiation Protection (“ICNIRP”) 2001, the California Department of Health Services (“CDHS”) 2002<sup>11</sup>, the International Agency for Research on Cancer (“IARC”) 2002<sup>12</sup> and the World Health Organization (“WHO”) 2007<sup>13</sup>.

The federal government conducted EMF research as a part of a \$45 million research program managed by the NIEHS. This program, known as the EMF RAPID (Research and Public Information Dissemination), submitted its final report to the U.S. Congress on June 15, 1999. The report concluded that:

- “The scientific evidence suggesting that ELF-EMF exposures pose any health risk is weak.”<sup>14</sup>

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<sup>7</sup> In U.S., it is 60 Hertz (Hz).

<sup>8</sup> CPUC Decision 06-01-042, p. 6, footnote 10.

<sup>9</sup> National Institute of Environmental Health Sciences’ Report on Health Effects from Exposures to Power-Line frequency Electric and Magnetic Fields, NIH Publication No. 99-4493, June 1999.

<sup>10</sup> National Radiological Protection Board, Electromagnetic Fields and the Risk of Cancer, Report of an Advisory Group on Non-ionizing Radiation, Chilton, U.K. 2001.

<sup>11</sup> California Department of Health Services, An Evaluation of the Possible Risks from Electric and Magnetic Fields from Power Lines, Internal Wiring, Electrical Occupations, and Appliances, June 2002.

<sup>12</sup> World Health Organization / International Agency for Research on Cancer, IARC Monographs on the evaluation of carcinogenic risks to humans (2002), Non-ionizing radiation, Part 1: Static and extremely low-frequency (ELF) electric and magnetic fields, IARC Press, Lyon, France: International Agency for Research on Cancer, Monograph, vol. 80, p. 338, 2002.

<sup>13</sup> WHO, Environmental Health Criteria 238, EXTREMELY LOW FREQUENCY FIELDS, 2007.

<sup>14</sup> National Institute of Environmental Health Sciences, NIEHS Report on Health Effects from Exposures to Power-Frequency Electric and Magnetic Fields, p. ii, NIH Publication No. 99-4493, 1999.

- “The NIEHS concludes that ELF-EMF exposure cannot be recognized as entirely safe because of weak scientific evidence that exposure may pose a leukemia hazard.”<sup>15</sup>
- “The NIEHS suggests that the level and strength of evidence supporting ELF-EMF exposure as a human health hazard are insufficient to warrant aggressive regulatory actions; thus, we do not recommend actions such as stringent standards on electric appliances and a national program to bury all transmission and distribution lines. Instead, the evidence suggests passive measures such as a continued emphasis on educating both the public and the regulated community on means aimed at reducing exposures. NIEHS suggests that the power industry continue its current practice of siting power lines to reduce exposures and continue to explore ways to reduce the creation of magnetic fields around transmission and distribution lines without creating new hazards.”<sup>16</sup>

In 2001, Britain’s NRPB arrived at a similar conclusion:

“After a wide-ranging and thorough review of scientific research, an independent Advisory Group to the Board of NRPB has concluded that the power frequency electromagnetic fields that exist in the vast majority of homes are not a cause of cancer in general. However, some epidemiological studies do indicate a possible small risk of childhood leukemia associated with exposures to unusually high levels of power frequency magnetic fields.”<sup>17</sup>

In 2002, three scientists for CDHS concluded:

“To one degree or another, all three of the [CDHS] scientists are inclined to believe that EMFs can cause some degree of increased risk of childhood leukemia, adult brain cancer, Lou Gehrig’s disease, and miscarriage.

They [CDHS] strongly believe that EMFs do not increase the risk of birth defects, or low birth weight.

They [CDHS] strongly believe that EMFs are not universal carcinogens, since there are a number of cancer types that are not associated with EMF exposure.

To one degree or another they [CDHS] are inclined to believe that EMFs do not cause an increased risk of breast cancer, heart disease, Alzheimer’s disease, depression, or symptoms attributed by some to a sensitivity to EMFs. However, all three scientists had judgments that were “close to the dividing line between believing and not believing” that EMFs cause some degree of increased risk of suicide. For adult leukemia, two of the scientists are ‘close to the dividing line

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<sup>15</sup> *Ibid.*, p. iii.

<sup>16</sup> *Ibid.*, p. 37 – 38.

<sup>17</sup> NRPB, NRPB Advisory Group on Non-ionizing Radiation Power Frequency Electromagnetic Fields and the Risk of Cancer, NRPB Press Release March 2001.

between believing or not believing’ and one was ‘prone to believe’ that EMFs cause some degree of increased risk.”<sup>18</sup>

Also in 2002, the World Health Organization’s (“WHO”) IARC concluded:

“ELF magnetic fields are possibly carcinogenic to humans”<sup>19</sup>, based on consistent statistical associations of high-level residential magnetic fields with a doubling of risk of childhood leukemia...Children who are exposed to residential ELF magnetic fields less than 0.4 microTesla (4.0 milliGauss “mG”) have no increased risk for leukemia.... In contrast, “no consistent relationship has been seen in studies of childhood brain tumors or cancers at other sites and residential ELF electric and magnetic fields.”<sup>20</sup>

In June of 2007, the WHO issued a report on their multi-year investigation of EMF and the possible health effects. After reviewing scientific data from numerous EMF and human health studies, they concluded:

“Scientific evidence suggesting that everyday, chronic low-intensity (above 0.3-0.4  $\mu$ T [3-4 mG]) power-frequency magnetic field exposure poses a health risk is based on epidemiological studies demonstrating a consistent pattern of increased risk for childhood leukaemia.”<sup>21</sup>

“In addition, virtually all of the laboratory evidence and the mechanistic evidence fail to support a relationship between low-level ELF magnetic fields and changes in biological function or disease status. Thus, on balance, the evidence is not strong enough to be considered causal, but sufficiently strong to remain a concern.”<sup>22</sup>

“A number of other diseases have been investigated for possible association with ELF magnetic field exposure. These include cancers in both children and adults, depression, suicide, reproductive dysfunction, developmental disorders, immunological modifications and neurological disease. The scientific evidence supporting a linkage between ELF magnetic fields and any of these diseases is much weaker than for childhood leukemia and in some cases (for example, for cardiovascular disease or breast cancer) the evidence is sufficient to give confidence that magnetic fields do not cause the disease”<sup>23</sup>

“Furthermore, given both the weakness of the evidence for a link between exposure to ELF magnetic fields and childhood leukemia, and the limited impact

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<sup>18</sup> CDHS, An Evaluation of the Possible Risks From Electric and Magnetic Fields (EMFs) From Power Lines, Internal Wiring, Electrical Occupations and Appliances, p. 3, 2002.

<sup>19</sup> IARC, Monographs, Part I, Vol. 80, p. 338.

<sup>20</sup> *Ibid.*, p. 332 – 334.

<sup>21</sup> WHO, Environmental Health Criteria 238, EXTREMELY LOW FREQUENCY FIELDS, p. 11 - 13, 2007.

<sup>22</sup> *Ibid.*, p. 12.

<sup>23</sup> *Ibid.*, p. 12.

on public health if there is a link, the benefits of exposure reduction on health are unclear. Thus the costs of precautionary measures should be very low.”<sup>24</sup>

### III. APPLICATION OF THE CPUC’S “NO-COST AND LOW-COST” EMF POLICY TO THIS PROJECT

Recognizing the scientific uncertainty over the connection between EMF exposures and health effects, the CPUC adopted a policy that addresses public concern over EMF with a combination of education, information, and precaution-based approaches. Specifically, Decision 93-11-013 established a precautionary based “no-cost and low-cost” EMF policy for California’s regulated electric utilities based on recognition that scientific research had not demonstrated that exposures to EMF cause health hazards and that it was inappropriate to set numeric standards that would limit exposure.

In 2006, the CPUC completed its review and update of its EMF Policy in Decision 06-01-042. This decision reaffirmed the finding that state and federal public health regulatory agencies have not established a direct link between exposure to EMF and human health effects,<sup>25</sup> and the policy direction that (1) use of numeric exposure limits was not appropriate in setting utility design guidelines to address EMF,<sup>26</sup> and (2) existing “no-cost and low-cost” precautionary-based EMF policy should be continued for proposed electrical facilities. The decision also reaffirmed that EMF concerns brought up during Certificate of Public Convenience and Necessity (“CPCN”) and Permit to Construct (“PTC”) proceedings for electric and transmission and substation facilities should be limited to the utility’s compliance with the CPUC’s “no-cost and low-cost” policies.<sup>27</sup>

The decision directed regulated utilities to hold a workshop to develop standard approaches for EMF Design Guidelines and such a workshop was held on February 21, 2006. Consistent design guidelines have been developed that describe the routine magnetic field reduction measures that regulated California electric utilities consider for new and upgraded T/L and transmission substation projects. SCE filed its revised EMF Design Guidelines with the CPUC on July 26, 2006.

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<sup>24</sup> *Ibid.*, p. 13.

<sup>25</sup> CPUC Decision 06-01-042, Findings of Fact No. 5, mimeo. p. 19 (“As discussed in the rulemaking, a direct link between exposure to EMF and human health effects has yet to be proven despite numerous studies including a study ordered by this Commission and conducted by DHS.”).

<sup>26</sup> CPUC Decision 06-01-042, mimeo. p. 17 - 18 (“Furthermore, we do not request that utilities include non-routine mitigation measures, or other mitigation measures that are based on numeric values of EMF exposure, in revised design guidelines or apply mitigation measures to reconfigurations or relocations of less than 2,000 feet, the distance under which exemptions apply under GO 131-D. Non-routine mitigation measures should only be considered under unique circumstances.”).

<sup>27</sup> CPUC Decision 06-01-042, Conclusion of Law No. 2, mimeo.p. 21, (“EMF concerns in future CPCN and PTC proceedings for electric and transmission and substation facilities should be limited to the utility’s compliance with the Commission’s low-cost/no-cost policies.”).

“No-cost and low-cost” measures to reduce magnetic fields would be implemented for this Project in accordance with SCE’s EMF Design Guidelines. In summary, the process of evaluating “no-cost and low-cost” magnetic field reduction measures and prioritizing within and between land usage classes considers the following:

1. SCE’s priority in the design of any electrical facility is public and employee safety. Without exception, design and construction of an electric power system must comply with all applicable federal, state, and local regulations, applicable safety codes, and each electric utility’s construction standards. Furthermore, transmission and subtransmission lines and substations must be constructed so that they can operate reliably at their design capacity. Their design must be compatible with other facilities in the area and the cost to operate and maintain the facilities must be reasonable.
2. As a supplement to Step 1, SCE follows the CPUC’s direction to undertake “no-cost and low-cost” magnetic field reduction measures for new and upgraded electrical facilities. Any proposed “no-cost and low-cost” magnetic field measures, must, however, meet the requirements described in Step 1 above. The CPUC defines “no-cost and low-cost” measures as follows:
  - “No-cost” measures, in aggregate, should:
    - Have already been incorporated into the preliminary engineering design due to SCE design standards that have EMF reduction measures built-in.
    - Incur no additional cost to implement the recommended measures.
  - “Low-cost” measures, in aggregate, should:
    - Cost in the range of 4 percent of the total project cost.
    - Result in magnetic field reductions of “15% or greater at the utility R-O-W [right-of-way]...”<sup>28</sup>

The CPUC Decision stated,

“We direct the utilities to use 4 percent as a benchmark in developing their EMF mitigation guidelines. We will not establish 4 percent as an absolute cap at this time because we do not want to arbitrarily eliminate a potential measure that might be available but costs more than the 4 percent figure. Conversely, the utilities are encouraged to use effective measures that cost less than 4 percent.”<sup>29</sup>

3. The CPUC provided further policy direction in Decision 06-01-042, stating that, “[a]lthough equal mitigation for an entire class is a desirable goal, we will not limit the spending of EMF mitigation to zero on the basis that not all class members can benefit.”<sup>30</sup> While Decision 06-01-042 directs the utilities to favor schools, day-care facilities and hospitals over residential areas when applying

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<sup>28</sup> CPUC Decision 06-01-042, p. 10.

<sup>29</sup> CPUC Decision 93-11-013, § 3.3.2, p.10.

<sup>30</sup> CPUC Decision 06-01-042, p. 10.

“low-cost” magnetic field reduction measures, prioritization within a class can be difficult on a project case-by-case basis because schools, day-care facilities, and hospitals are often integrated into residential areas, and many licensed day-care facilities are housed in private homes, and can be easily moved from one location to another. Therefore, it may be practical for public schools, licensed day-care centers, hospitals, and residential land uses to be grouped together to receive highest prioritization for “low-cost” magnetic field reduction measures. Commercial and industrial areas may be grouped as a second priority group, followed by recreational and agricultural areas as the third group. “Low-cost” magnetic field reduction measures will not be considered for undeveloped land, such as open space, state and national parks, and Bureau of Land Management and U.S. Forest Service lands. When spending for “low-cost” measures would otherwise disallow equitable magnetic field reduction for all areas within a single land-use class, prioritization can be achieved by considering location and/or density of permanently occupied structures on lands adjacent to the projects, as appropriate.

This FMP contains descriptions of various magnetic field models and the calculated results of magnetic field levels based on those models. These calculated results are provided only for purposes of identifying the relative differences in magnetic field levels among various transmission or subtransmission line design alternatives under a specific set of modeling assumptions and determining whether particular design alternatives can achieve magnetic field level reductions of 15 percent or more. The calculated results are not intended to be predictors of the actual magnetic field levels at any given time or at any specific location if and when the Project is constructed. This is because magnetic field levels depend upon a variety of variables, including load growth, customer electricity usage, and other factors beyond SCE’s control. The CPUC affirmed this in D. 06-01-042 stating:

“Our [CPUC] review of the modeling methodology provided in the utility [EMF] design guidelines indicates that it accomplishes its purpose, which is to measure the relative differences between alternative mitigation measures. Thus, the modeling indicates relative differences in magnetic field reductions between different T/L construction methods, but does not measure actual environmental magnetic fields.”<sup>31</sup>

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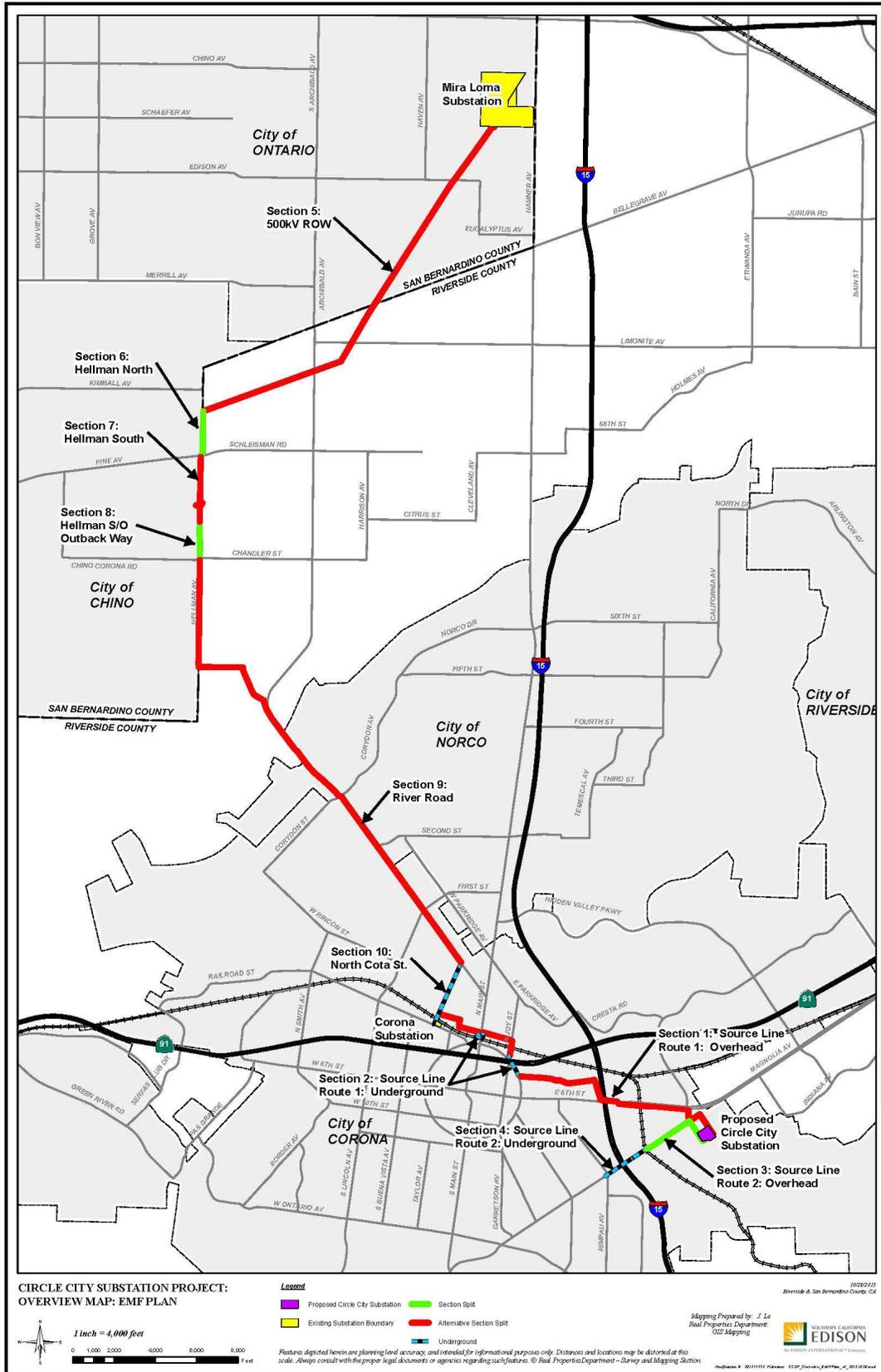
<sup>31</sup> CPUC Decision 06-01-042, p. 11.

#### IV. PROJECT DESCRIPTION

Southern California Edison Company (SCE) proposes to construct the Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project to maintain system reliability and serve projected electrical demand in portions of unincorporated Riverside County and the cities of Corona and Norco, California. The Proposed Project Area and 66 kV subtransmission line routes are shown in Figure 1. The Proposed Project is planned to be operational by 2021. For the purpose of this FMP, only the following major electrical components above 50 kV of the project were evaluated.

- Construction of a new 66/12 kilovolt (kV) substation (Circle City Substation). The proposed Circle City Substation would be an unstaffed, automated, low-profile 56 megavolt-ampere (MVA), substation with a potential capacity of 112 MVA at final build out.
- Construction of four new 66 kV subtransmission source lines, including:
  - Two source lines in a double-circuit configuration, which would be a combination of overhead and underground construction. Each source line would be approximately 1.2 miles in length and would be created by connecting to the existing Chase-Corona-Databank 66 kV Subtransmission Line to form the new Circle City-Corona No. 2 66 kV Subtransmission Line and the new Chase-Circle City-Databank 66 kV Subtransmission Line.
  - Two source lines in a double-circuit configuration, which would be constructed overhead. Each source line would be approximately 3.5 miles in length and would be created by connecting to the existing Mira Loma-Corona-Pedley 66 kV Subtransmission Line to form the Mira Loma-Circle City-Pedley 66 kV and the Circle City-Corona No. 1 66 kV subtransmission lines.
- Construction of a new 66 kV subtransmission line, which would be a combination of both overhead and underground construction. The proposed Mira Loma-Jefferson 66 kV Subtransmission Line would be approximately 10.9 miles in length and would be constructed from SCE's existing Mira Loma Substation to a location adjacent to SCE's existing Corona Substation.

Figure 1. Project Area Map and EMF Evaluation Sections



## **Circle City Substation Description**

The proposed Circle City Substation would be a new 66/12 kV unstaffed, automated, low-profile 56 MVA substation. The dimensions of the substation would be approximately 420 feet by 387 feet. The substation capacity would have the potential to expand to 112 MVA as necessary. The substation would encompass approximately 4.0 acres of a 19.504-acre area comprised of two parcels located in the City of Corona. The dimensions of the substation parcel and the placement and orientation of the major components that would be included in the construction of Circle City Substation are shown in Figure 2.

## **Subtransmission Line Description**

The Proposed Project would include a new Source Line Route consisting of four new 66 kV subtransmission lines along two diverse routes, as well as the new Mira Loma-Jefferson 66 kV Subtransmission Line Route.

The Source Line Route would connect the existing Corona Substation to the proposed Circle City Substation and the existing Pedley and Mira Loma substations to the proposed Circle City Substation, creating the Circle City-Corona No. 1 and Mira Loma-Circle City-Pedley 66 kV subtransmission lines, which would be located along the same poles and within the same underground duct banks. The Source Line Route would also connect the existing Corona Substation to the proposed Circle City Substation and the existing Chase and Data Bank substations to the proposed Circle City Substation, creating the Circle City-Corona No. 2 and the Chase-Circle City-Databank 66 kV subtransmission lines, which would be located along the same poles and within the same underground duct banks. The Circle City-Corona No. 1, Mira Loma-Circle City-Pedley, Circle City-Corona No. 2, and Chase-Circle City-Databank 66 kV Subtransmission Line are referred to as the Source Line Route.

The new Mira Loma-Jefferson 66 kV Subtransmission Line would connect the existing Mira Loma Substation to the existing Mira Loma-Corona-Jefferson 66 kV Subtransmission Line near Corona Substation, creating the Mira Loma-Jefferson and the Mira Loma-Corona No. 2 66 kV subtransmission lines. The Mira Loma-Jefferson and the Mira Loma-Corona No. 2 66 kV Subtransmission lines are referred to as the Mira Loma-Jefferson 66 kV Subtransmission Line Route.

## **Source Line Route Description**

The Circle City-Corona No. 1 66 kV Subtransmission Line and the Mira Loma-Circle City-Pedley 66 kV Subtransmission Line route would consist of approximately two new wood poles, 76 new light weight steel (LWS) poles, 23 new tubular steel poles (TSPs), four underground vaults, and approximately 2,000 linear feet of new underground duct bank containing six conduits and six cables.

The Circle City-Corona No. 1 66 kV Subtransmission Line and the Mira Loma-Circle City-Pedley 66 kV Subtransmission Line route would begin at the intersection of North Cota

Street and Harrison Street by connecting to an existing 66 kV subtransmission line. The new source line route facilities would head easterly along the south side of Harrison Street then the route would turn south on Sheridan Street and continue south along the east side of Sheridan Street to Blaine Street. The route would then turn east on Blaine Street and continue east along the south side of Blaine Street to the west side of Main Street. At the west side of Main Street, the route would convert to underground and travel approximately 790 linear feet following the Blaine Street undercrossing of Main Street. On the east side of Main Street, the underground facilities would convert to overhead facilities and travel easterly along the north side of Blaine Street to Joy Street, where the route would turn south on Joy Street and continue along the east side of Joy Street until just north of Pearl Street. The route would then convert to underground and head southerly on Joy Street to Grand Boulevard, where the underground facilities would travel southeasterly along Grand Boulevard, under State Route (SR-) 91, to East 3rd Street. At the intersection of Grand Boulevard and 3rd Street, the underground facilities would turn and travel east on 3rd Street for approximately 100 feet, then convert to overhead facilities. The route would then continue easterly along the south side of East 3rd Street, replacing the existing distribution poles with new subtransmission poles and transferring the existing distribution circuits onto the new subtransmission poles. At the end of East 3rd Street, the route would enter privately owned property and continue easterly to the west side of the existing Temescal Wash flood control channel. The route would span the existing Temescal Wash flood control channel to reach Quarry Street, where the route would continue east along the north side of Quarry Street to El Sobrante Avenue. At El Sobrante Avenue, the route would turn and head south along the east side to 6th Street, where the route would turn and head east along the north side of 6th Street, and cross over Interstate (I-) 15 Radio Road, where the route would cross 6th Street and continue heading east along the south side of 6th Street to Magnolia Avenue. The route would then turn on Magnolia Avenue and continue south along the east side, cross over Leeson Lane, enter private property, and terminate at the proposed Circle City Substation. The Circle City-Corona No. 1 66 kV Subtransmission Line and the Mira Loma-Circle City-Pedley 66 kV Subtransmission Line route would be approximately 3.5 miles in length.

The Circle City-Corona No. 2 66 kV Subtransmission Line and the Chase-Circle City-Databank 66 kV Subtransmission Line route would consist of approximately 18 new LWS poles, seven new TSPs, three underground vaults, and approximately 2,500 linear feet of new underground duct bank containing six conduits and six cables.

The Circle City-Corona No. 2 66 kV Subtransmission Line and the Chase-Circle City-Databank 66 kV Subtransmission Line route would connect to an existing 66 kV subtransmission line approximately 100 feet west of Rimpau Avenue on the south side of Magnolia Avenue. A tubular steel riser pole would be installed to accommodate the overhead connection to the existing 66 kV subtransmission line and allow for the line route to be placed underground. On Magnolia Avenue, the route would head easterly underground, cross over I-

15 through an existing utility bridge cell located within the Magnolia Avenue bridge, cross under existing BNSF Railroad Company right-of-way (ROW), then convert to overhead. The route would then continue easterly along the south side of Magnolia Avenue to Leeson Lane and continue easterly along Leeson Lane, then turn and travel southerly into private property to the proposed Circle City Substation. The Circle City-Corona No. 2 66 kV Subtransmission Line and the Chase-Circle City-Databank 66 kV Subtransmission Line route would be approximately 1.2 miles in length.

### **Mira Loma-Jefferson Subtransmission Line Route Description**

The Mira Loma-Jefferson 66 kV Subtransmission Line Route would consist of approximately 223 LWS poles, 18 TSPs, two H-frame hybrid poles, 420 linear feet of new underground duct bank containing six conduits, one underground vault, and approximately 3,300 feet of underground cable installation within existing duct bank.

The proposed Mira Loma-Jefferson 66 kV Subtransmission Line route would originate at Mira Loma Substation on existing structures from the Mira Loma-Corona-Jefferson 66 kV Subtransmission Line, which would include replacing two existing LWS poles within Mira Loma Substation with two TSPs to accommodate the new Mira Loma-Jefferson and Mira Loma-Corona No. 2 66 kV subtransmission lines. The new subtransmission lines would then extend southwesterly on existing structures from the existing Mira Loma-Corona-Jefferson 66 kV Subtransmission Line, paralleling the existing Mira Loma-Serrano No. 1 and No. 2 500 kV and the Mira Loma-Olinda 220 kV Transmission Line to Hellman Avenue and would replace 84 LWS poles with 82 LWS poles and two TSPs to accommodate a double circuit. At Hellman Avenue, the route would then travel south along the east side of Hellman Avenue on eight new LWS poles and three TSPs to Schleisman Road. At Schleisman Road, the route would cross to the west side and continue south along Hellman Avenue utilizing existing LWS poles for approximately 2,300 feet. At Hellman Avenue, approximately 470 feet south of Outback Way, the existing Archibald-Chino-Corona 66 kV Subtransmission Line would convert to underground for approximately 420 feet in order to accommodate the subtransmission line crossing. The route would then continue heading south to Chino Corona Road, replacing approximately 11 distribution wood poles with eight LWS poles and three TSPs. At the intersection of Chino Corona Road and Hellman Avenue, the route would continue south along east side of Hellman Avenue to River Road then head east along the south side of River Road to Baron Drive, then turn south along the west side of Baron Drive to River Road replacing existing structures (Archibald-Chino-Corona 66 kV Subtransmission Line), which would require the removal of approximately 54 wood poles and installation of approximately 50 LWS poles and four TSPs; the new poles would accommodate the new Mira Loma-Jefferson 66 kV Subtransmission Line and the transfer of the existing conductor. The subtransmission line would then head southeasterly along the southwesterly side of River Road, replacing one wood pole with one LWS pole, and cross the Santa Ana River. At the Santa Ana River crossing, the

existing H-frames would be replaced with engineered hybrid H-frames. The route would continue southeast along the southwest side of River Road on existing structures from the Archibald-Chino-Corona 66 kV Subtransmission Line, replacing 12 wood poles with 12 LWS poles and one TSP. At the intersection of River Road and Corydon Avenue, the Mira Loma-Jefferson 66 kV Subtransmission Line would cross River Road and continue on the northeasterly side of River Road in a southerly direction, replacing existing wood poles (Archibald-Chino-Corona 66 kV Subtransmission Line) with 61 LWS poles and one TSP; the new poles would accommodate the new Mira Loma-Jefferson 66 kV Subtransmission Line and the transfer of the existing conductor. The existing 33 kV distribution line would convert to underground along River Road between Corydon Avenue and North Cota Street to accommodate the new subtransmission line. At the intersection of North Cota Street and River Road, the Mira Loma-Jefferson 66 kV Subtransmission Line would convert to underground on a new tubular steel riser pole and attach to an existing duct bank within North Cota Street, and would then continue along North Cota Street to a location just outside of Corona Substation, where the Mira Loma-Jefferson 66 kV Subtransmission Line would convert to an overhead configuration at a new tubular steel riser pole and tap into an existing 66 kV subtransmission line.



## **V. EVALUATION OF “NO-COST AND LOW-COST” MAGNETIC FIELD REDUCTION DESIGN OPTIONS**

Please note that the following magnetic field models and the calculated results of magnetic field levels are intended only for purposes of identifying the relative differences in magnetic field levels among various subtransmission line and subtransmission line design alternatives under a specific set of modeling assumptions (see §VII-Appendix A for more detailed information about the calculation assumptions and loading conditions) and determining whether particular design alternatives can achieve magnetic field level reductions of 15 percent or more. The calculated results are not intended to be predictors of the actual magnetic field levels at any given time or at any specific location when the Proposed Project is constructed.

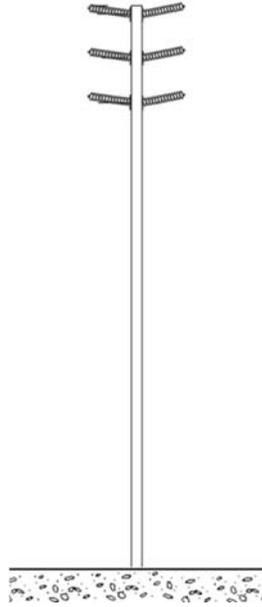
For the purpose of evaluating “no-cost and low-cost” magnetic field reduction design options in this FMP, the Proposed Project is divided into three parts:

- Part 1: Proposed Circle City Project 66 kV Subtransmission Lines
- Part 2: Proposed Circle City 66/12 kV Substation
- Part 3: Project Alternatives

### **Part 1: Proposed Circle City Substation 66 kV Subtransmission Lines**

The majority of the proposed 66kV source lines and Mira Loma-Jefferson 66 kV subtransmission line will be built on 75-foot long LWS poles in double-circuit configuration. One section of the proposed Mira Loma-Jefferson 66 kV Line will be built on 70-foot long LWS poles in double-circuit configuration to satisfy 500 kV clearance requirements. A portion of the proposed Mira Loma-Jefferson 66 kV Line will be built on 75-foot long LWS poles in single-circuit configuration. Both of the proposed Circle City Substation 66 kV source lines (Route 1 and Route 2) will make use of underground construction for engineering reasons in selected locations. The proposed Mira Loma-Jefferson 66 kV Line will also make use of using underground construction for engineering reasons in selected locations. These 66 kV subtransmission construction types and the areas where they are proposed to be applied are presented below in Figures 3, 4 and 5. For the purpose of magnetic field reduction evaluation, the proposed subtransmission source lines will be divided into ten (10) Sections, as described in Table 1 and shown above in Figure 1.

**Figure 3. Typical 66 kV Overhead Subtransmission Line  
70' and 75' Lightweight Steel Pole (LWS) Double Circuit Construction  
Sections 1, 3, 5, 6, 7, and 9**



**Figure 4. Typical 66 kV Overhead Subtransmission Line  
75' Lightweight Steel Pole (LWS) Single Circuit Construction  
Section 8**

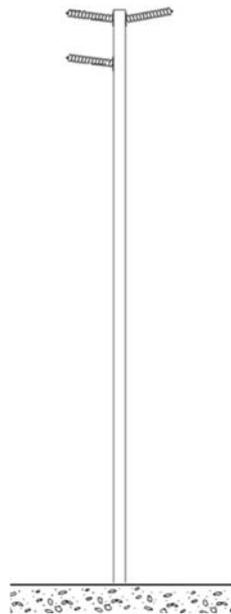
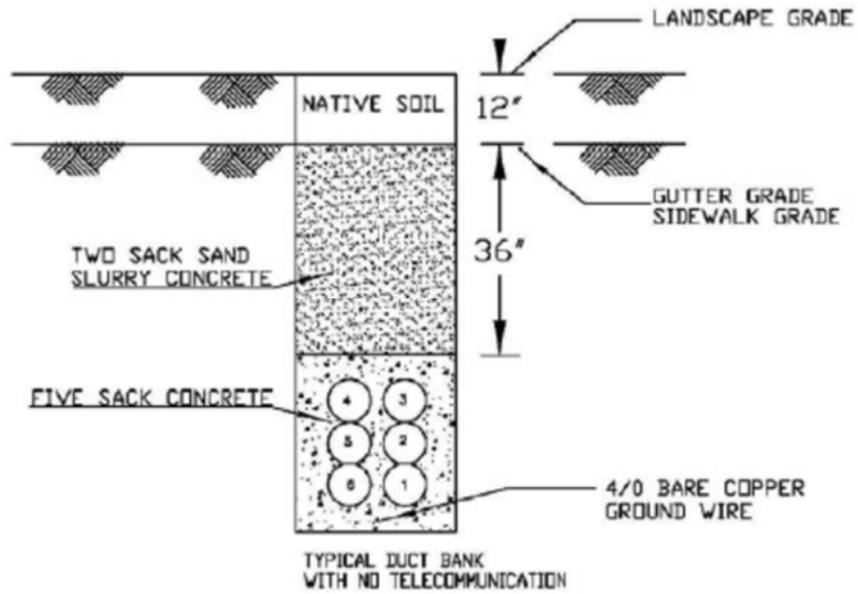


Figure 5. Typical 66 kV Underground Subtransmission Line  
Double Circuit Construction  
Sections 2, 4 and 10



**Section 1: Proposed Circle City 66 kV Source Line Route 1 Overhead Section**

The Proposed Circle City 66 kV Source Line Route 1 overhead Section would consist of the proposed Circle City-Corona No.1 and the proposed Mira Loma-Circle City-Pedley double-circuit 66 kV subtransmission lines. The typical LWS double-circuit 66 kV overhead construction proposed for Section 1 is shown in Figure 3. Currently there is no existing subtransmission line in this proposed route. Based on preliminary designs, the LWS poles would be approximately 60 to 65 feet in height above grade, or 70 to 75 feet in total pole length. For magnetic field analysis, calculated field levels at the edges of a typical 25-foot easement located 12.5 feet from the center line (C/L) of the structure will be evaluated. Currently, there are no school, licensed daycare or hospital facilities along Section 1 of the proposed 66 kV subtransmission source line route.

**No-Cost Field Reduction Measures:** The proposed design for Source line Route 1 includes the following no-cost field reduction measures:

- Utilize subtransmission structure heights that meet or exceed SCE’s EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction (“EMF Phasing”)

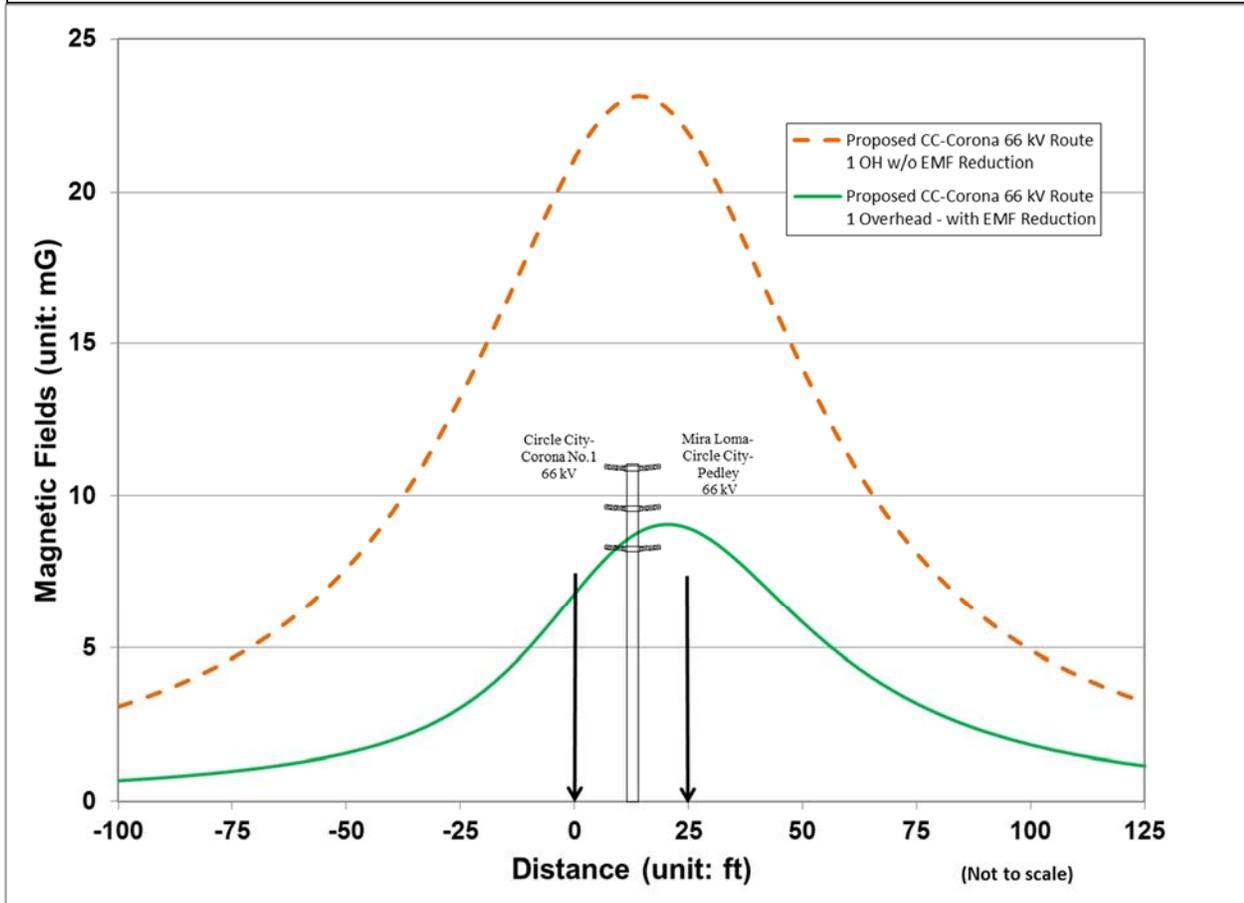
**Low-Cost Field Reduction Options:** Because the proposed design incorporates the above no-cost field reduction measures including structure heights that meet or exceed SCE’s EMF preferred design criteria, no further low-cost reduction measures such as utilizing taller structures were considered for this Section of the Proposed Project.

**Magnetic Field Calculations:** Calculated magnetic field levels for the proposed design are shown in Table 2 and Figure 6 below. These calculations were made using the typical proposed LWS structure length of 75 feet.

<b>Table 2. A Comparison of Calculated Magnetic Field Levels<sup>32</sup> for <u>Section 1</u></b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Existing	-	-	-	-
Proposed Corona 66 kV Source Line Route 1- OH w/o EMF Phasing	21.1	-	21.9	-
Proposed Corona 66 kV Source Line Route 1- OH with EMF Phasing	6.8	67.8 %	8.9	59.4 %

<sup>32</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

Figure 6. Calculated Magnetic Field Levels<sup>33</sup> for the Proposed 66 kV Subtransmission Source Line Route 1 Overhead Section 1 (Looking West)



**Recommendations for Section 1:** The proposed design includes no-cost field reduction measures. Because the proposed design already incorporates structures with heights meeting or exceeding SCE's preferred design criteria, no further low-cost field reduction measures are recommended.

<sup>33</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Section 2: Proposed Circle City 66 kV Source Line Route 1 Underground Section**

The Proposed Circle City 66 kV Source Line Route 1 Underground Section would consist of new underground duct bank containing six conduits and six cables. The typical 66 kV underground design proposed for Section 2 is shown in Figure 5. Based on preliminary designs, the duct would be located at SCE standard depth of 39 inches below grade. For magnetic field analysis, calculated field levels at the edges of an 80-foot wide franchise easement located 40 feet from the C/L of the underground duct bank will be evaluated. Currently, there are no school, daycare or hospital facilities along Section 2 of the proposed 66 kV subtransmission source line route.

***No-Cost Field Reduction Measures:*** The proposed design for Section 2 includes the following no-cost field reduction measures:

- Utilize underground subtransmission construction for engineering reasons
- Arrange underground cables of proposed subtransmission line for magnetic field reduction (“EMF Phasing”)

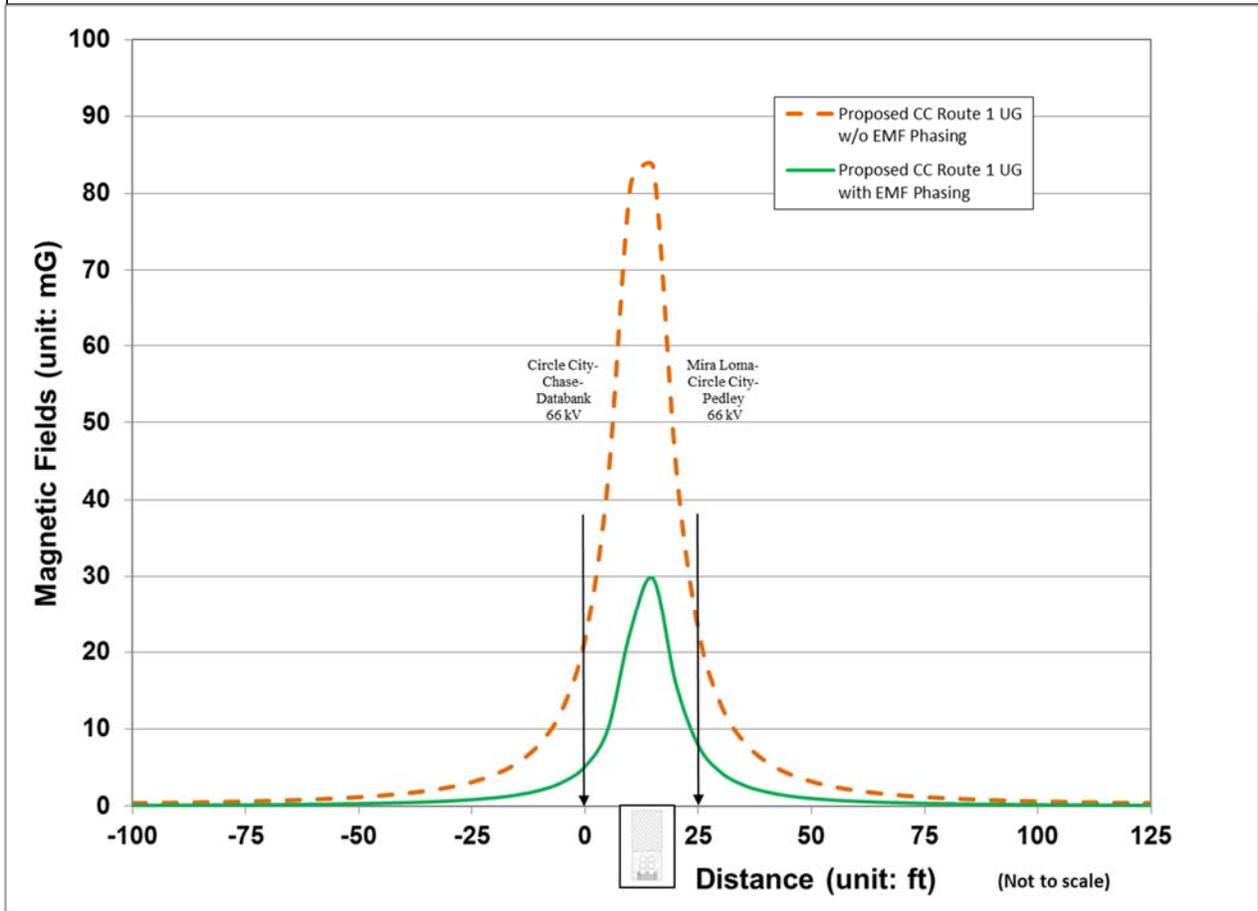
***Low-Cost Field Reduction Options:*** Because the proposed design incorporates the above no-cost field reduction measures that meet or exceed SCE’s EMF preferred design criteria, no further low-cost reduction measures such as utilizing deeper duct structures were considered for this Section of the Proposed Project.

***Magnetic Field Calculations:*** Calculated magnetic field levels for proposed design are shown in Table 3 and Figure 7 below. These calculations were made using the SCE standard 66 kV underground duct bank depth of 39 inches.

<b>Table 3. Calculated Magnetic Field Levels<sup>34</sup> for <u>Section 2</u></b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Proposed Circle City 66 kV Source Line Route 2 – UG w/o EMF Phasing	21.9	-	22.7	-
Proposed Circle City 66 kV Source Line Route 2 – UG with EMF Phasing	5.2	76.3 %	7.9	65.2 %

<sup>34</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Figure 7. Calculated Magnetic Field Levels<sup>35</sup> for the Proposed 66 kV Subtransmission Source Line Route 1 Underground Section 2 (Looking West)**



**Recommendations for Section 2:** Because the proposed design already incorporates measures meeting or exceeding SCE's preferred design criteria, no further low-cost field reduction measures are recommended.

<sup>35</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Section 3: Proposed Circle City 66 kV Source Line Route 2 Overhead Section**

The Source Line Route 2 overhead Section would consist mainly of new LWS poles. The typical double-circuit 66 kV design proposed for Section 3 is shown in Figure 5. Based on preliminary designs, the LWS poles would be approximately 70 to 75 feet long, or 60 to 65 feet above ground level. The new LWS poles would be located in existing utility franchise position. For magnetic field analysis, calculated field levels at the edges of a typical 25-foot wide easement located 12.5 feet from the C/L of the structure will be evaluated. Currently, there are no school, daycare or hospital facilities along Section 3 of the proposed 66 kV subtransmission source line route.

**No-Cost Field Reduction Measures:** The proposed design for Section 3 includes the following no-cost field reduction measures:

- Utilize subtransmission structure heights that meet or exceed SCE’s EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction

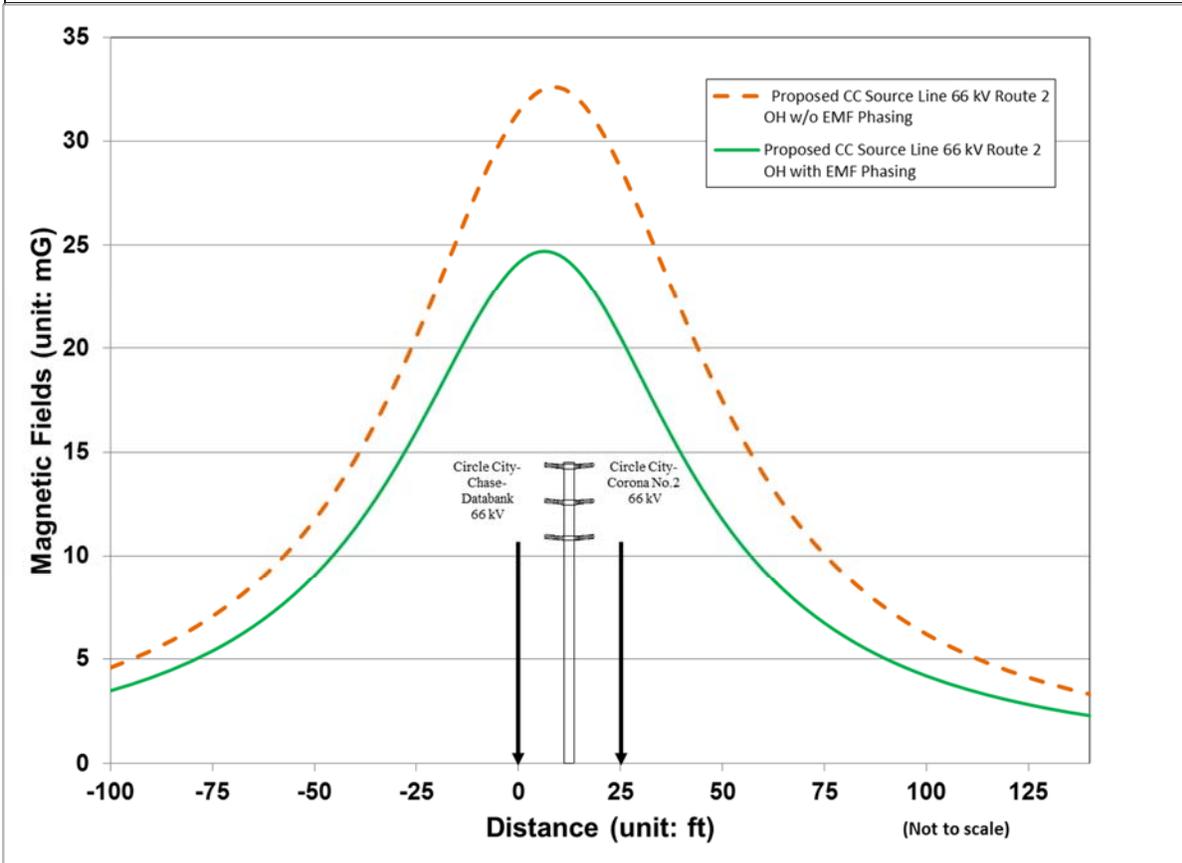
**Low-Cost Field Reduction Options:** Because the proposed design incorporates the above no-cost field reduction measures that meet or exceed SCE’s EMF preferred design criteria, no further low-cost reduction measures such as utilizing taller structures were considered for this Section of the Proposed Project.

**Magnetic Field Calculations:** Calculated magnetic field levels for the proposed design are shown in Table 4 and Figure 8 below. These calculations were made using the typical proposed structure height of 75 feet.

<b>Table 4. Calculated Magnetic Field Levels<sup>36</sup> for <u>Section 3</u></b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Existing	-	-	-	-
Proposed Corona 66 kV Source Line Route 2- OH w/o EMF Phasing	31.4	-	21.8	-
Proposed Corona 66 kV Source Line Route 2- OH with EMF Phasing	24.2	22.9 %	14.9	31.7 %

<sup>36</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Figure 8. Calculated Magnetic Field Levels<sup>37</sup> for the Proposed 66 kV Subtransmission Source Line Route 2 Section 3 (Looking Southwest)**



**Recommendations for Section 3:** *The proposed design includes no-cost field reduction measures. Because the proposed design already incorporates structures with heights meeting or exceeding SCE's preferred design criteria, no further low-cost field reduction measures are recommended.*

<sup>37</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Section 4: Proposed Circle City 66 kV Source Line Route 2 Underground Section**

Source Line Route 2 would connect to an existing 66 kV subtransmission line approximately 100 feet west of Rimpau Avenue on the south side of Magnolia Avenue. A TSP underground riser pole would be installed to accommodate the overhead connection to the existing 66 kV subtransmission line and allow for the line route to be placed underground and would head easterly underground on Magnolia Avenue. The typical 66 kV underground design proposed for Section 4 is shown in Figure 9. For magnetic field analysis, calculated field levels at the edges of a typical 25-foot wide utility franchise located 12.5 feet from the C/L of the underground duct structure will be evaluated. Currently, there are no schools along Section 4 of the proposed 66 kV subtransmission source line route.

**No-Cost Field Reduction Measures:** The proposed design for Section 4 includes the following no-cost field reduction measures:

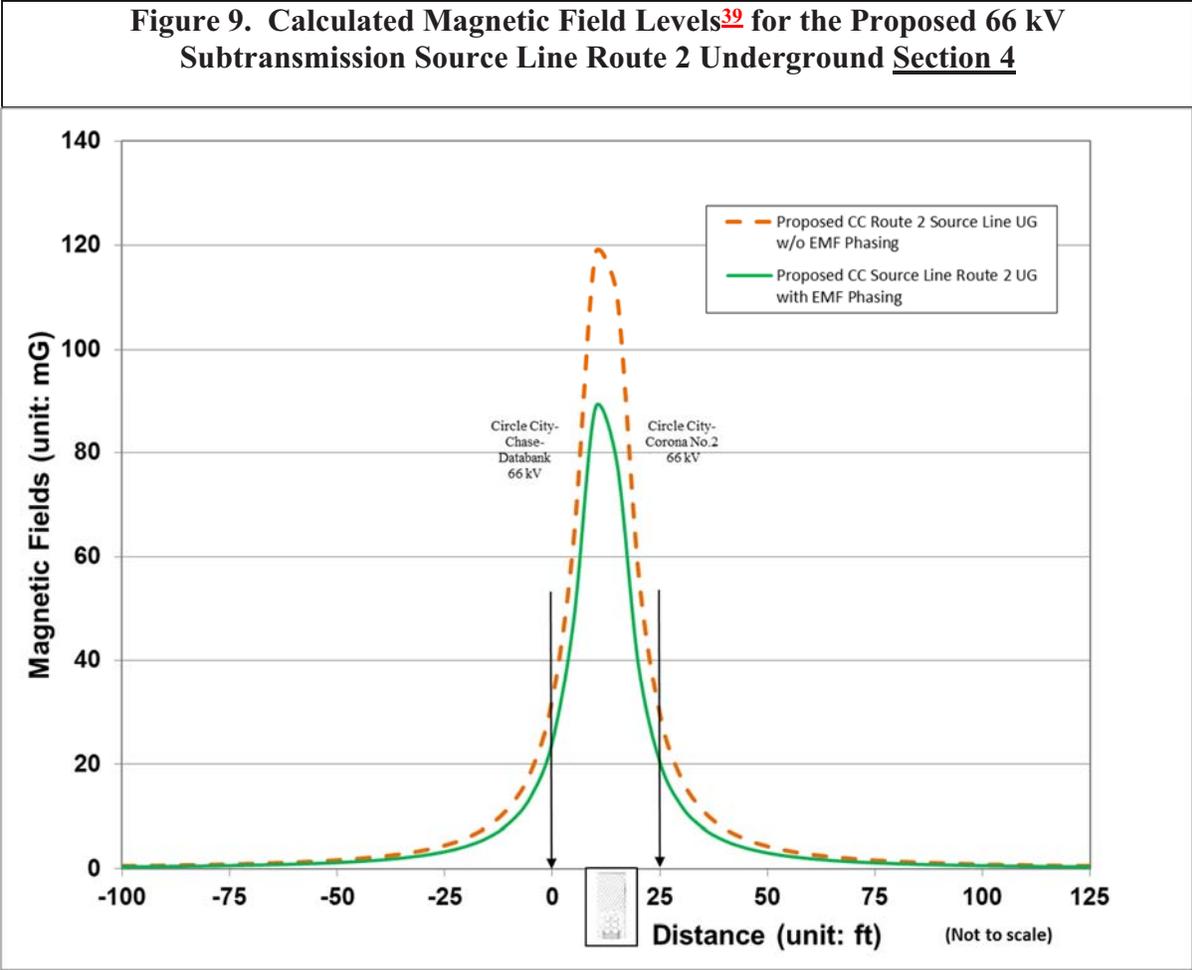
- Utilize underground subtransmission construction for engineering reasons
- Arrange underground cables of proposed subtransmission line for magnetic field reduction

**Low-Cost Field Reduction Options:** Because the proposed design incorporates the above no-cost field reduction measures that meet or exceed SCE’s EMF preferred design criteria, no further low-cost reduction measures such as utilizing deeper underground ducts were considered for this Section of the Proposed Project.

**Magnetic Field Calculations:** Calculated magnetic field levels for the proposed design are shown in Table 5 and Figure 9 below. These calculations were made using the SCE standard underground duct depth of 39 inches.

<b>Table 5. Calculated Magnetic Field Levels<sup>38</sup> for <u>Section 4</u></b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Existing	-	-	-	-
Proposed Corona 66 kV Source Line Route 2- UG w/o EMF Phasing	32.3	-	29.6	-
Proposed Corona 66 kV Source Line Route 2- UG with EMF Phasing	24.2	25.1 %	20.4	31.1 %

<sup>38</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.



**Recommendations for Section 4:** *The proposed design includes no-cost field reduction measures. Because the proposed design already incorporates measures meeting or exceeding SCE's preferred design criteria, no further low-cost field reduction measures are recommended.*

<sup>39</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

## **Section 5: Proposed Mira Loma-Jefferson 66 kV Subtransmission Line at 500 kV ROW**

The proposed Mira Loma-Jefferson 66 kV subtransmission line route would originate at Mira Loma Substation. The new subtransmission line would proceed southwesterly on existing 66 kV overhead structures supporting the existing Mira Loma-Corona-Jefferson 66 kV subtransmission line, and paralleling the existing 500 kV transmission lines to Hellman Avenue. Based on preliminary designs, the typical 66 kV double-circuit overhead design on 70-foot LWS poles proposed for Section 5 is shown in Figure 7. For magnetic field analysis, calculated field levels at the edge of easement closest to the C/L of the 66 kV structure will be evaluated since there would be minimal impact to the other edge of the ROW from the addition of the proposed 66 kV line. Currently, there are no schools along Section 5 of the proposed 66 kV subtransmission source line route.

***No-Cost Field Reduction Measures:*** The proposed design for Section 5 includes the following no-cost field reduction measures:

- Utilize subtransmission structure heights that meet or exceed SCE’s EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction

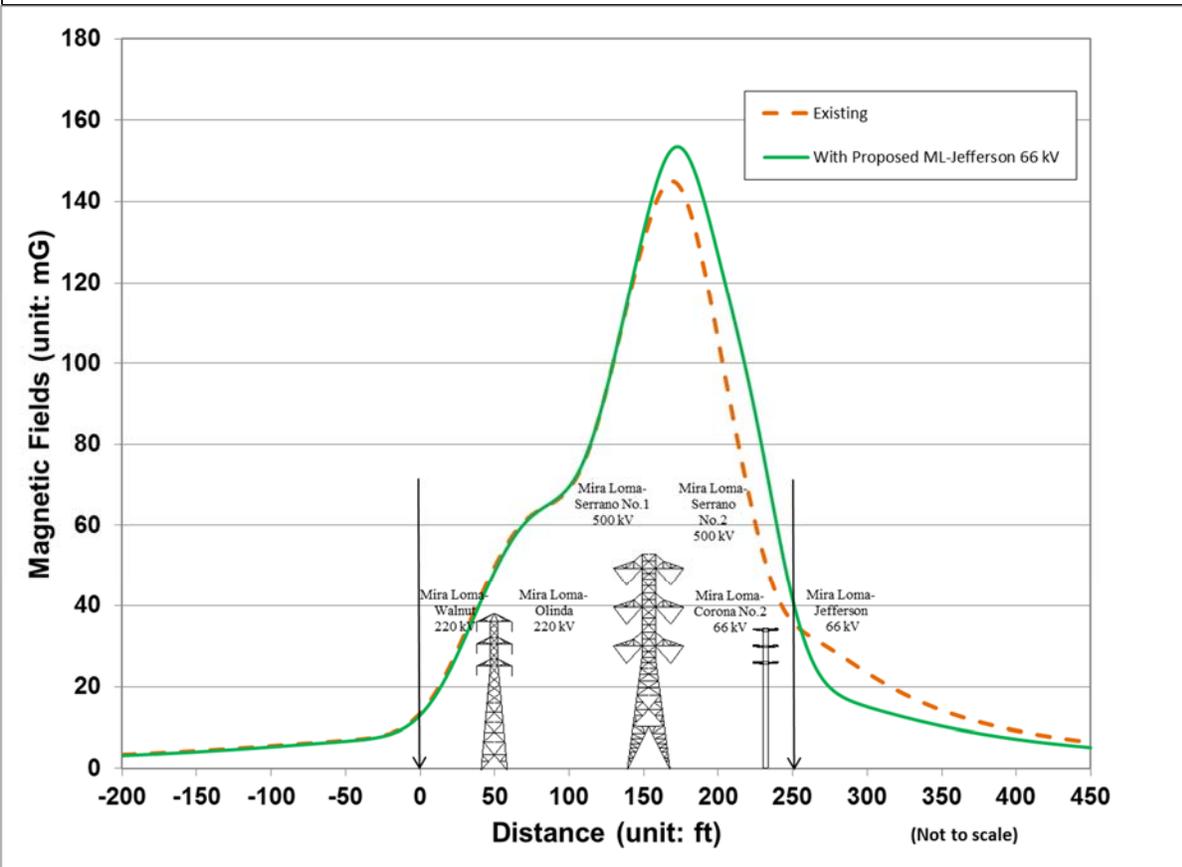
***Low-Cost Field Reduction Options:*** Because the proposed design incorporates the above no-cost field reduction measures that meet or exceed SCE’s EMF preferred design criteria, no further low-cost reduction measures such as utilizing taller structures were considered for this Section of the Proposed Project.

***Magnetic Field Calculations:*** Calculated magnetic field levels for the proposed design are shown in Table 6 below. These calculations were made using the typical proposed structure height of 70 feet due to the General Order (GO) 95 clearance requirement in the 500 kV ROW.

<b>Table 6. Calculated Magnetic Field Levels<sup>40</sup> for <u>Section 5</u></b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Existing	Not evaluated	-	35.9	-
Proposed ML-Jefferson 66 kV with EMF Phasing	Not evaluated	-	41.5	Less than 15% increase

<sup>40</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Figure 10. Calculated Magnetic Field Levels<sup>41</sup> for the Proposed 66 kV Subtransmission Line at Section 5 (Looking Northeast)**



**Recommendations for Section 5:** *The proposed design includes no-cost field reduction measures. Because the proposed design already incorporates measures meeting or exceeding SCE's preferred design criteria, no further low-cost field reduction measures are recommended. No-cost phasing is recommended even there is less than 15% reduction at the right edge of the ROW because there would be field reduction where residential homes are.*

**Section 6: Proposed Mira Loma-Jefferson 66 kV subtransmission line at Hellman Avenue North of Schleisman Road**

At Hellman Avenue, the new subtransmission line would then travel south along Hellman Avenue on eight new LWS poles and three TSPs to Schleisman Road. The typical 66 kV double-circuit overhead design proposed for Section 6 is shown in Figure 8. For magnetic field analysis, calculated field levels at the edges of easement located 12.5 feet from the C/L of

<sup>41</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

the structure will be evaluated. Currently, there are no schools along Section 6 of the proposed 66 kV subtransmission source line route.

**No-Cost Field Reduction Measures:** The proposed design for Section 6 includes the following no-cost field reduction measures:

- Utilize subtransmission structure heights that meet or exceed SCE’s EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction

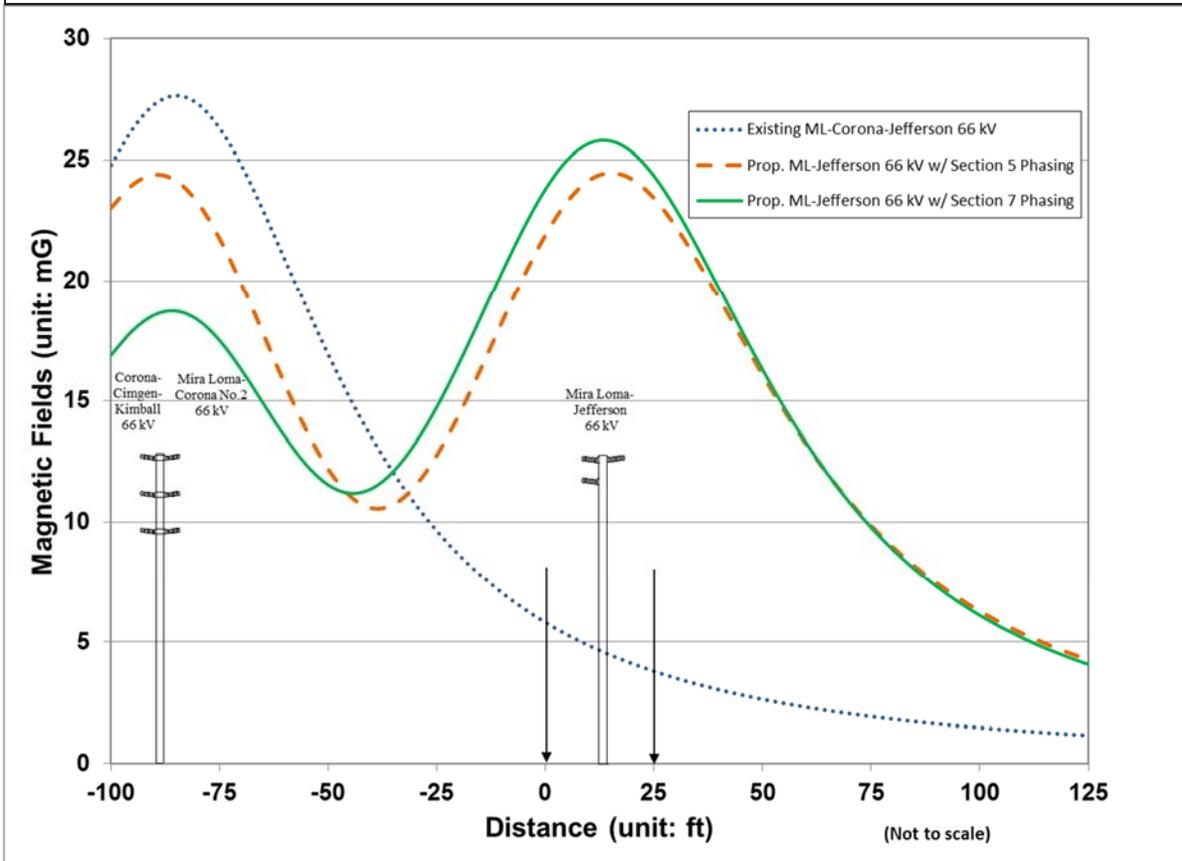
**Low-Cost Field Reduction Options:** Because the proposed design incorporates the above no-cost field reduction measures that meet or exceed SCE’s EMF preferred design criteria, no further low-cost reduction measures such as utilizing taller structures were considered for this Section of the Proposed Project.

**Magnetic Field Calculations:** the calculated magnetic field levels for the proposed design are shown in Table 7 and Figure 11 below. These calculations were made using the typical proposed structure height of 75 feet.

<b>Table 7. Calculated Magnetic Field Levels<sup>42</sup> for <u>Section 6</u> at Franchise Location on East Side of Hellman Avenue</b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Existing Double-Circuit 66 kV Lines on West Side of Hellman Avenue	5.8	-	3.8	-
Proposed Mira Loma-Jefferson 66 kV Line with Section 5 Phasing	21.9	-	23.4	-
Proposed Mira Loma-Jefferson 66 kV Line with Section 7 Phasing	23.8	-	24.3	-

<sup>42</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Figure 11. Calculated Magnetic Field Levels<sup>43</sup> for the Proposed 66 kV Subtransmission Line Section 6 (Looking North)**



**Recommendations for Section 6:** *The proposed design includes low-cost field reduction measure of using transposition structures to roll the phases from Section 5 recommended phasing to Section 7 recommended phasing. This measure would achieve more than 15% of magnetic field reduction at edges of the ROW in Section 7. It is recommended to adopt this low-cost magnetic field reduction measure.*

**Section 7: Proposed Mira Loma-Jefferson 66 kV Subtransmission Line at Hellman Avenue South of Schleisman Rd.**

At Schleisman Road, the new subtransmission line would continue south along Hellman Avenue utilizing existing LWS poles for approximately 2,321 feet. The proposed Mira Loma-Jefferson 66 kV Subtransmission Line will double up with the existing Chino-Cimgen-Kimball

<sup>43</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

66 kV Subtransmission Line. The typical 66 kV double-circuit overhead design proposed for Section 7 is shown in Figure 12.

**No-Cost Field Reduction Measures:** The proposed design for Section 7 includes the following no-cost field reduction measures:

- Utilize subtransmission structure heights that meet or exceed SCE’s EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction

**Low-Cost Field Reduction Options:** The following low-cost field reduction measure was considered for this section:

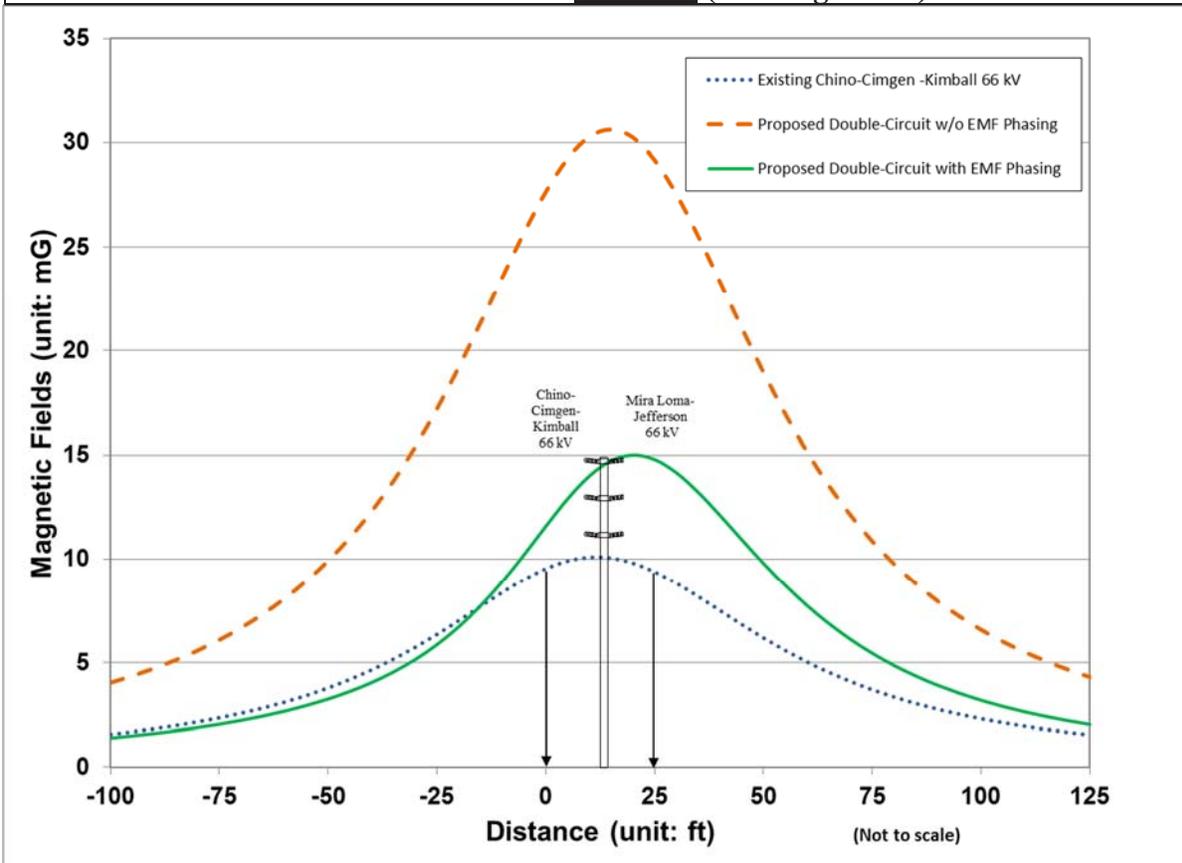
- Arrange conductors of proposed subtransmission lines for magnetic field reduction using transposition structures

**Magnetic Field Calculations:** Calculated magnetic field levels for proposed the design are shown in Table 8 and Figure 12 below. These calculations were made using the typical proposed structure height of 75 feet.

<b>Table 8. Calculated Magnetic Field Levels<sup>44</sup> for <u>Section 7</u></b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Existing Single-Circuit 66 kV	9.6	-	9.4	-
Proposed Double-Circuit 66 kV w/o EMF Phasing	27.7	Increase	29.2	Increase
Proposed Double-Circuit 66 kV with EMF Phasing	11.6	58.1 %	14.8	49.3 %

<sup>44</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Figure 12. Calculated Magnetic Field Levels<sup>45</sup> for the Proposed 66 kV Subtransmission Line Section 7 (Looking North)**



**Recommendations for Section 7:** The low-cost measure of re-arranging conductors for magnetic field reduction using transposition structure is recommended for this section due to nearby homes on the east side of the proposed line.

**Section 8: Proposed Mira Loma-Jefferson 66 kV subtransmission line at Hellman Ave. South of Hereford Rd.**

At Hellman Avenue, approximately 470 feet south of Outback Way, the existing Archibald-Chino-Corona 66 kV Subtransmission Line would convert to underground for approximately 420 feet in order to accommodate the subtransmission line crossing. The route would then continue heading south to Chino Corona Road, replacing approximately 11 distribution wood poles with eight LWS poles and three TSPs. The typical 66 kV double-circuit overhead design proposed for Section 8 is shown in Figure 13.

<sup>45</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**No-Cost Field Reduction Measures:** The proposed design for Section 8 includes the following no-cost field reduction measures:

- Utilize subtransmission structure heights that meet or exceed SCE’s EMF preferred design criteria
- Utilize subtransmission line construction that reduces the space between conductors compared with other designs

**Low-Cost Field Reduction Options:** The following low-cost field reduction measure was considered for this section:

- Arrange conductors of proposed subtransmission lines for magnetic field reduction using transposition structures

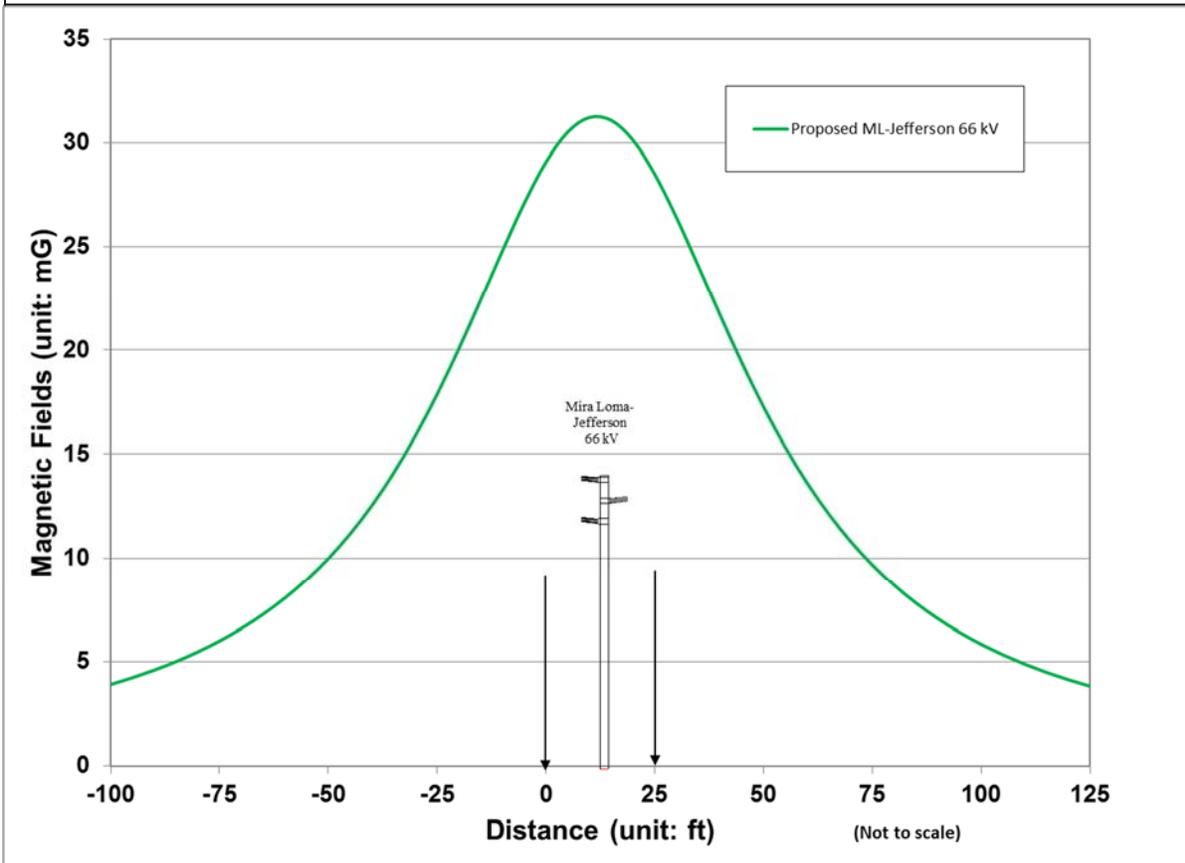
**Magnetic Field Calculations:** Calculated magnetic field levels for the proposed design are shown in Table 9 and Figure 13 below. These calculations were made using the typical proposed structure height of 70 feet.

<b>Table 9. Calculated Magnetic Field Levels<sup>46</sup> for Section 8</b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Proposed Mira Loma-Jefferson 66 kV Line	29.1	-	28.5	-

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<sup>46</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Figure 13. Calculated Magnetic Field Levels<sup>47</sup> for the Proposed 66 kV Subtransmission Line Section 8 (Looking North)**



**Recommendations for Section 8:** *The proposed design includes low-cost field reduction measure of using transposition structures to roll the phases from Section 7 recommended phasing to Section 9 recommended phasing. This measure would achieve more than 15% of magnetic field reduction at edges of the ROW in Section 9. It is recommended to adopt this low-cost magnetic field reduction measure.*

**Section 9: Proposed Mira Loma-Jefferson 66 kV subtransmission line at River Rd.**

The proposed double-circuit of Archibald-Chino-Corona 66 kV and Mira Loma-Jefferson 66 kV Line runs adjacent to Auburndale Intermediate School on River Road.

<sup>47</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

At the intersection of Chino Corona Road and Hellman Avenue, the route would continue south along east side of Hellman Avenue to River Road then head east along the south side of River Road to Baron Drive, then turn south along the west side of Baron Drive to River Road replacing existing structures (Archibald-Chino-Corona 66 kV Subtransmission Line), which would require the removal of approximately 54 wood poles and installation of approximately 50 LWS poles and four TSPs; the new poles would accommodate the new Mira Loma-Jefferson 66 kV Subtransmission Line and the transfer of the existing conductor. The subtransmission line would then head southeasterly along the southwesterly side of River Road, replacing one wood pole with one LWS pole, and cross the Santa Ana River. At the Santa Ana River crossing, the existing H-frames would be replaced with engineered hybrid H-frames. The route would continue southeast along the southwest side of River Road on existing structures from the Archibald-Chino-Corona 66 kV Subtransmission Line, replacing 12 wood poles with 12 LWS poles and one TSP. At the intersection of River Road and Corydon Avenue, the Mira Loma-Jefferson 66 kV Subtransmission Line would cross River Road and continue on the northeasterly side of River Road in a southerly direction, replacing existing wood poles (Archibald-Chino-Corona 66 kV Subtransmission Line) with 61 LWS poles and one TSP; the new poles would accommodate the new Mira Loma-Jefferson 66 kV Subtransmission Line and the transfer of the existing conductor. The existing 33 kV distribution line would convert to underground along River Road between Corydon Avenue and North Cota Street to accommodate the new subtransmission line.

The typical double-circuit 66 kV overhead design proposed for Section 9 is shown in Figure 11. For magnetic field analysis, calculated field levels at the edges of easement located 12.5 feet from the C/L of the structure will be evaluated.

***No-Cost Field Reduction Measures:*** The proposed design for Section 9 includes the following no-cost field reduction measures:

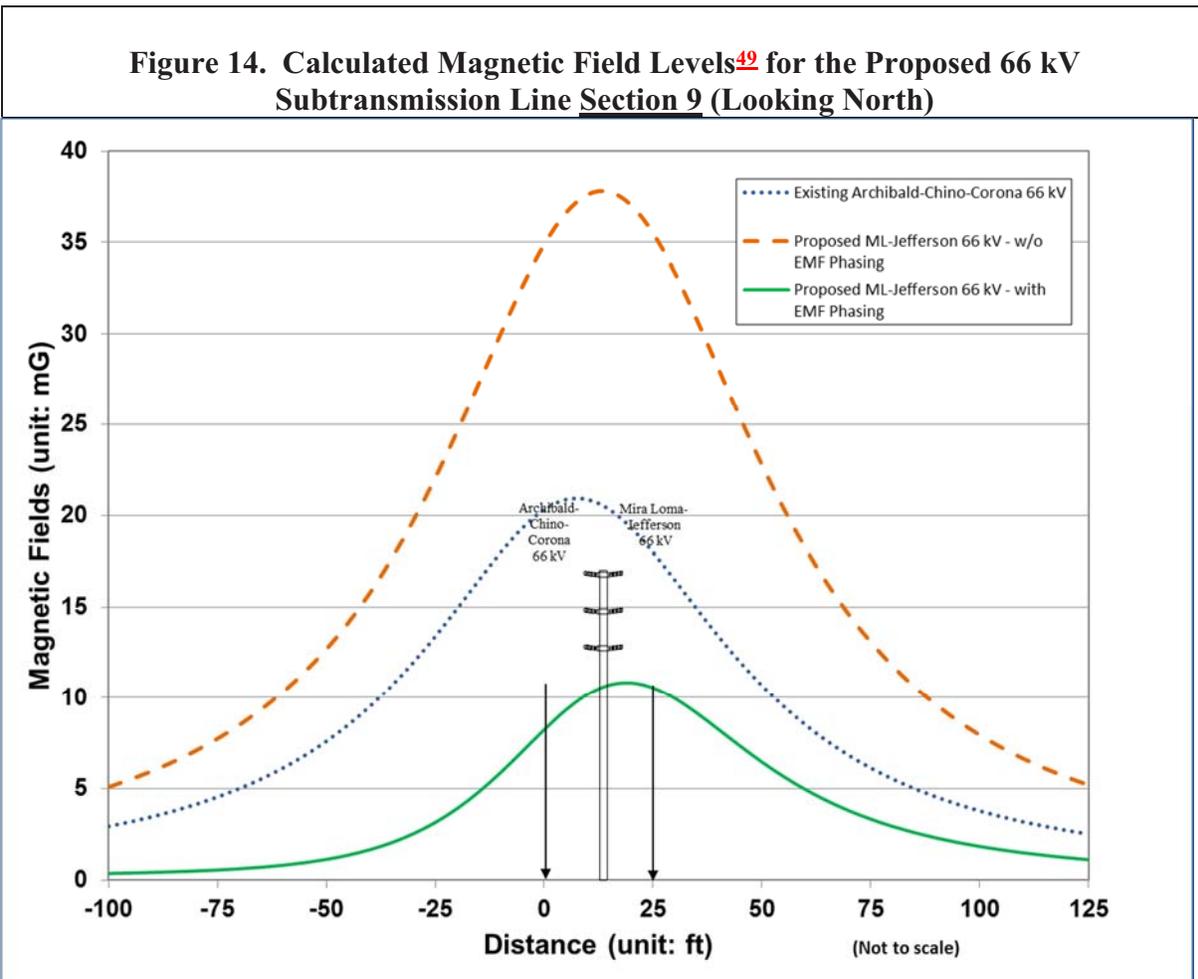
- Utilize subtransmission structure heights that meet or exceed SCE's EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction

***Low-Cost Field Reduction Options:*** The following low-cost field reduction measure was considered for this section:

- Arrange conductors of proposed subtransmission lines for magnetic field reduction using transposition structures

***Magnetic Field Calculations:*** The calculated magnetic field levels for the proposed design are shown in Table 10 and Figure 14 below. These calculations were made using the proposed structure height of 75 feet.

Table 10. Calculated Magnetic Field Levels <sup>48</sup> for Section 9				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Existing Archibald-Chino-Corona 66 kV	20.3	-	18.0	-
Proposed Double-Circuit 66 kV Lines w/o EMF Phasing	34.9	Increase	35.5	Increase
Proposed Double-Circuit 66 kV Lines with EMF Phasing	8.2	76.5 %	10.5	70.4 %



<sup>48</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

<sup>49</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Recommendations for Section 9:** The low-cost measure of re-arranging conductors for magnetic field reduction using transposition structure is recommended for this section due to nearby homes on the east side of the proposed line.

**Section 10: Proposed Mira Loma-Jefferson 66 kV Subtransmission line at N. Cota St.**

At the intersection of North Cota Street and River Road, the Mira Loma-Jefferson 66 kV Subtransmission Line would convert to underground on a new tubular steel riser pole and attach to an existing duct bank within North Cota Street, and would then continue along North Cota Street to a location just outside of Corona Substation, where the Mira Loma-Jefferson 66 kV Subtransmission Line would convert to an overhead configuration at a new tubular steel riser pole and tap into an existing 66 kV subtransmission line. The typical underground 66 kV subtransmission line design proposed for Section 10 is shown in Figure 12. For magnetic field analysis, calculated field levels at the edges of utility franchise located 12.5 feet from the C/L of the structure will be evaluated. Currently, there are no schools along Section 1 of the proposed 66 kV subtransmission line route.

**No-Cost Field Reduction Measures:** The proposed design for Section 10 includes the following no-cost field reduction measures:

- Utilize underground subtransmission construction for engineering reasons
- Arrange underground cables of proposed subtransmission line for magnetic field reduction

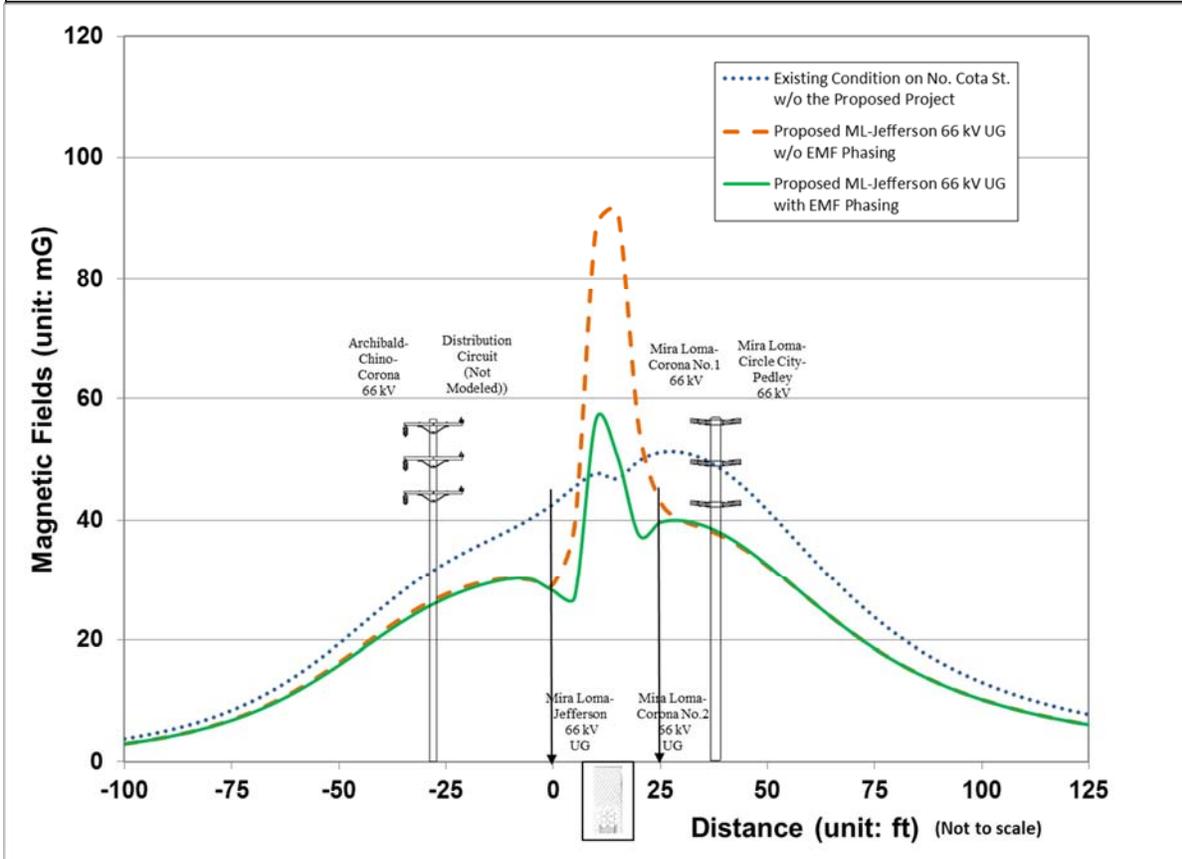
**Low-Cost Field Reduction Options:** Because the proposed design incorporates the above no-cost field reduction measures that meet or exceed SCE’s EMF preferred design criteria, no further low-cost reduction measures such as utilizing deeper underground ducts were considered for this Section of the Proposed Project.

**Magnetic Field Calculations:** Calculated magnetic field levels for the proposed design are shown in Table 11 and Figure 15 below. These calculations were made using the SCE standard underground duct structure depth of 39 inches.

<b>Table 11. Calculated Magnetic Field Levels<sup>50</sup> for Section 10</b>				
Design Options	Left Edge of the ROW (mG)	% Reduction	Right Edge of the ROW (mG)	% Reduction
Existing Condition on N. Cota St. Without Proposed Project	42.6	-	51.1	-
Proposed ML-Jefferson 66 kV UG Line w/o EMF Phasing	29.3	31.2 %	43.0	15.9 %
Proposed ML-Jefferson 66 kV UG Line with EMF Phasing	28.2	3.8 %	39.6	7.7 %

<sup>50</sup> This table lists calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

**Figure 15. Calculated Magnetic Field Levels<sup>51</sup> for the Proposed 66 kV Subtransmission Line Section 10 (Looking Northeast)**



**Recommendations for Section 10:** *The proposed design includes no-cost field reduction measures. Because the proposed design already incorporates measures meeting or exceeding SCE's preferred design criteria, no further low-cost field reduction measures are recommended.*

<sup>51</sup> This figure shows calculated magnetic field levels for design comparison only and is not meant to predict actual magnetic field levels.

## Part 2: Proposed Circle City 66/12 kV Substation

Generally, magnetic field values along the substation perimeter are low compared to the substation interior because of the distance from the perimeter to the energized equipment. Normally, the highest magnetic field values around the perimeter of a substation result from overhead power lines and underground duct banks entering and leaving the substation, and are not caused by substation equipment. Therefore, the magnetic field reduction design options generally applicable to a substation project are as follows:

- Site selection for a new substation
- Place major substation electrical equipment (such as transformers, switchracks, buses and underground duct banks) away from the substation property lines
- Configure the transfer and operating buses with the transfer bus closest to the nearest property line

The Substation Checklist, as shown in Table 4, is used for evaluating the no-cost and low-cost design options considered for the substation project, the design options adopted, and reasons that certain design options were not adopted if applicable.

<b>Table 12. Substation Checklist for Examining No-cost and Low-cost Magnetic Field Reduction Design Options</b>			
<b>No.</b>	<b>No-Cost and Low-Cost Magnetic Field Reduction Design Options Evaluated for a Substation Project</b>	<b>Design Options Adopted? (Yes/No)</b>	<b>Reason(s) if not Adopted</b>
1	Are 66 kV rated transformer(s) 15 feet (or more) from the substation property line?	Yes	
2	Are 66 kV rated switch-racks, capacitor banks & bus 8 feet (or more) from the substation property line?	Yes	
3	Are 66 kV rated transfer & operating buses configured with the transfer bus facing the nearest property line?	N/A	It is a double-bus design
4	Are underground cable duct banks greater than 12 feet from side of property line?	Yes	

## Part 3: Project Alternatives

This FMP includes only “no-cost and low-cost” magnetic field reduction design options for SCE’s proposed routes and Proposed Substation site. SCE’s Proponent’s Environmental Assessment (PEA) contains various alternative line routes and substation site(s). Comparable “no-cost and low-cost” magnetic field reduction options for the Proposed Project can be applied to all alternative subtransmission routes and substation sites. A Final FMP will be prepared should an alternative route be approved.

## **VI. FINAL RECOMMENDATIONS FOR IMPLEMENTING “NO-COST AND LOW-COST” MAGNETIC FIELD REDUCTION DESIGN OPTIONS**

In accordance with the “EMF Design Guidelines”, filed with the CPUC in compliance with CPUC Decisions 93-11-013 and 06-01-042, SCE would implement the following “no-cost and low-cost” magnetic field reduction design options for Proposed Project:

### **Section 1: Proposed Circle City 66 kV Source Line Route 1 Overhead Section**

- Utilize subtransmission structure heights that meet or exceed SCE’s EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction:
  - Circle City-Corona No. 1 66 kV **B-A-C** top to bottom, and
  - Mira Loma-Circle City-Pedley 66 kV **C-A-B** top to bottom or equivalent combination

### **Section 2: Proposed Circle City 66 kV Source Line Route 1 Underground Section**

- Utilize underground subtransmission construction for engineering reasons
- Arrange underground cables of proposed subtransmission line for magnetic field reduction:
  - Circle City-Corona No. 1 66 kV **B-A-C** top to bottom, and
  - Mira Loma-Circle City-Pedley 66 kV **C-A-B** top to bottom or equivalent combination

### **Section 3: Proposed Circle City 66 kV Source Line Route 2 Overhead Section**

- Utilize subtransmission structure heights that meet or exceed SCE’s EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction:
  - Circle City-Chase-Databank 66 kV **A-B-C** top to bottom, and
  - Circle City-Corona No.2 66 kV **A-B-C** top to bottom or equivalent combination

#### **Section 4: Proposed Circle City 66 kV Source Line Route 2 Underground Section**

- Utilize underground subtransmission construction for engineering reasons
- Arrange underground cables of proposed subtransmission line for magnetic field reduction:
  - Circle City-Chase-Databank 66 kV **A-B-C** top to bottom, and
  - Circle City-Corona No.2 66 kV **A-B-C** top to bottom or equivalent combination

#### **Section 5: Proposed Mira Loma-Jefferson 66 kV Subtransmission Line at 500 kV ROW**

- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction:
  - Mira Loma-Corona No. 2 66 kV **B-A-C** top to bottom, and
  - Mira Loma-Jefferson 66 kV **B-C-A** top to bottom or equivalent combination

#### **Section 6: Proposed Mira Loma-Jefferson 66 kV Subtransmission Line at Hellman Avenue North of Schleisman Road**

- Utilize subtransmission structure heights that meet or exceed SCE's EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction:
  - Chino-Cimgen-Kimball 66 kV **A-B-C** top to bottom, and
  - Mira Loma-Corona No.2 66 kV **B-C-A** top to bottom, and
  - Transition the Mira Loma-Jefferson from **B-C-A** in Section 5 to **A-B-C** in Section 7.

**Section 7: Proposed Mira Loma-Jefferson 66 kV Subtransmission Line at Hellman Avenue South of Schleisman Road**

- Utilize subtransmission structure heights that meet or exceed SCE's EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction:
  - Chino-Cimgen-Kimball 66 kV **A-B-C** top to bottom, and
  - Mira Loma-Jefferson 66 kV **A-B-C** top to bottom, or equivalent combination

**Section 8: Proposed Mira Loma-Jefferson 66 kV Subtransmission Line at Hellman Avenue South of Hereford Road**

- Utilize subtransmission structure heights that meet or exceed SCE's EMF preferred design criteria
- Utilize subtransmission line construction that reduces the space between conductors compared with other designs
- Arrange conductors of proposed subtransmission lines for magnetic field reduction:
  - Transition the Mira Loma-Jefferson from **A-B-C** in Section 7 to **A-C-B** in Section 9.

**Section 9: Proposed Mira Loma-Jefferson 66 kV Subtransmission Line at River Road**

- Utilize subtransmission structure heights that meet or exceed SCE's EMF preferred design criteria
- Utilize double-circuit construction that reduces spacing between circuits as compared with single-circuit construction
- Arrange conductors of proposed subtransmission lines for magnetic field reduction:
  - Archibald-Chino-Corona 66 kV **B-C-A** top to bottom, and
  - Mira Loma-Jefferson 66 kV **A-C-B** top to bottom, or equivalent combination

**Section 10: Proposed Mira Loma-Jefferson 66 kV Subtransmission Line at N. Cota St.**

- Utilize underground subtransmission construction for engineering reasons

- Arrange underground cables of proposed subtransmission line for magnetic field reduction Arrange underground cables of proposed subtransmission line for magnetic field reduction:
  - Mira Loma-Jefferson 66 kV **A-C-B** top to bottom on the west side, and,
  - Mira Loma-Corona No.2 66 kV **B-C-A** top to bottom or equivalent combination

**Proposed Circle City 66/12 kV Substation:**

- Placing major substation electrical equipment (such as transformers, switchracks, buses and underground duct banks) away from the substation property lines

The recommended “no-cost or low-cost” magnetic field reduction design options listed above are based upon preliminary engineering designs, and therefore, they are subject to change during the final engineering designs. If the final engineering designs are different than preliminary engineering designs, SCE would implement comparable “no-cost and low-cost” magnetic field reduction design options to achieve similar EMF reductions. If the final engineering designs are significantly different (in the context of evaluating and implementing CPUC’s “no-cost and low-cost” EMF Policy) than the preliminary designs, a Final FMP or an addendum to the FMP will be prepared to evaluate EMF and “no-cost and low-cost” EMF reduction options for the final engineering design.

SCE’s plan for applying the above “no-cost or low-cost” magnetic field reduction design options uniformly for the Proposed Project is consistent with the CPUC’s EMF Decisions No. 93-11-013 and No. 06-01-042, and also with recommendations made by the U.S. NIEHS. Furthermore, the recommendations above meet the CPUC approved EMF Design Guidelines as well as all applicable national and state safety standards for new electrical facilities.

## VII. APPENDIX A: TWO-DIMENSIONAL MODEL ASSUMPTIONS AND YEAR 2021 FORECASTED LOADING CONDITIONS

### Magnetic Field Assumptions:

SCE uses a computer program titled “MFields”<sup>52</sup> to model the magnetic field characteristics of various transmission designs options. All magnetic field models and the calculated results of magnetic field levels presented in this document are intended only for purposes of identifying the relative differences in magnetic field levels among various subtransmission line and subtransmission line design alternatives under a specific set of modeling assumptions and determining whether particular design alternatives can achieve magnetic field level reductions of 15 percent or more. The calculated results are not intended to be predictors of the actual magnetic field levels at any given time or at any specific location if and when the project is constructed.

Unless otherwise noted, typical two-dimensional magnetic field modeling assumptions are as follows:

- All subtransmission lines were modeled using forecasted peak loads (see Table 13 and 14 below)
- All conductors were assumed to be straight and infinitely long
- Magnetic field strength was calculated at a height of three feet above ground
- Resultant magnetic fields values were presented in this FMP
- All line currents were assumed to be balanced (i.e. neutral or ground currents are not considered)
- Terrain was assumed to be flat
- Project dominant power flow directions were used.

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<sup>52</sup> SCE, MFields for Excel, Version 2.0, 2007.

<b>Table 13. Year 2021 Forecasted Loading Conditions for Circle City Substation Project Area Existing Transmission and Subtransmission Lines without Proposed Project</b>	
<b>Circuit Name</b>	<b>Current (Amps)</b>
Existing Chase-Corona-Databank 66 kV Subtransmission Line	760
Existing Mira Loma-Corona-Jefferson 66 kV Subtransmission Line	744
Existing Archibald-Chino-Corona 66 kV Subtransmission Line	702
Existing Chino-Cimgen-Kimball 66 kV Subtransmission Line	313
Existing (RV) Mira Loma-Serrano #1 500 kV Transmission Line	841 (Note 3)
Existing Mira Loma-Serrano #2 500 kV Transmission Line	1499 (Note 3)
Existing Mira Loma-Walnut 230 kV Transmission Line	804 (Note 3)
Existing Mira Loma-Olinda 230 kV Transmission Line	1354 (Note 3)

Notes:

1. Subtransmission line forecasted loading data is based upon scenarios representing load forecasts for the second quarter of 2021. The forecasting data is subject to change depending upon availability of generation, load increase, changes in load demand, and many other factors.
2. Load flow direction for the Chase-Circle City-Databank and Circle City-Corona #2 66 kV subtransmission lines are assumed to be in the opposite direction.
3. Peak transmission lines loading forecast for Year 2020.

<b>Table 14. Year 2021 Forecasted Loading Conditions for Proposed Circle City Substation Project Subtransmission Source Lines, Proposed Mira Loma-Jefferson 66 kV Subtransmission Line, and Adjacent Transmission Lines</b>	
<b>Circuit Name</b>	<b>Current (Amps)</b>
Proposed Circle City-Corona #1 66 kV Subtransmission Source Line	286
Proposed Mira Loma-Circle City-Pedley 66 kV Subtransmission Line	519
Proposed Circle City-Corona #2 66 kV Subtransmission Source Line	156 (Note 2)
Proposed Chase-Circle City-Databank 66 kV Subtransmission Line	-959 (Note 2)
Proposed Mira Loma-Jefferson 66 kV Subtransmission Line	751
Proposed Mira Loma-Corona #2 66 kV Subtransmission Line	619
Existing Archibald-Chino-Corona 66 kV Subtransmission Line	569
Existing Chino-Cimgen-Kimball 66 kV Subtransmission Line	-313
Existing (RV) Mira Loma-Serrano #1 500 kV Transmission Line	841 (Note 3)
Existing Mira Loma-Serrano #2 500 kV Transmission Line	1499 (Note 3)
Existing Mira Loma-Walnut 230 kV Transmission Line	804 (Note 3)
Existing Mira Loma-Olinda 230 kV Transmission Line	1354 (Note 3)

Notes:

1. Subtransmission forecasted loading data is based upon scenarios representing load forecasts for the second quarter of 2021. The forecasting data is subject to change depending upon availability of generation, load increase, changes in load demand, and many other factors.
2. Load flow direction for the Chase-Circle City-Databank and Circle City-Corona #2 66 kV subtransmission lines are assumed to be in the opposite direction.
3. Peak transmission lines loading forecast for Year 2020.

**ATTACHMENT**  
**PROPONENT'S ENVIRONMENTAL ASSESSMENT**  
**Archival Grade DVD**

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE  
STATE OF CALIFORNIA**

In the Matter of the Application of SOUTHERN )  
CALIFORNIA EDISON COMPANY (U 338-E) )  
for a Permit to Construct Electrical Facilities )  
With Voltages Between 50 kV and 200 kV: )  
Circle City Substation and Mira Loma-Jefferson )  
Subtransmission Line Project )

Application No. \_\_\_\_\_

**CERTIFICATE OF SERVICE**

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day served a true copy of the **APPLICATION OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E) FOR A PERMIT TO CONSTRUCT ELECTRICAL FACILITIES WITH VOLTAGES BETWEEN 50 KV AND 200 KV: CIRCLE CITY SUBSTATION AND MIRA LOMA-JEFFERSON SUBTRANSMISSION LINE PROJECT** by means indicated below:

- Placing the copies in sealed envelopes and causing such envelopes to be delivered by hand or by overnight courier to the office of the Chief ALJ.

**Chief ALJ Karen Clopton  
CPUC, Div of ALJ's  
505 Van Ness Ave, Room 5115  
San Francisco, CA 94102**

Executed this **December 4, 2015**, at Rosemead, California.

*/s/ Raquel Ippoliti*  
Raquel Ippoliti  
Project Analyst

SOUTHERN CALIFORNIA EDISON COMPANY

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Rosemead, California 91770