TABLE OF CONTENTS

LIST OF TABLES

LIST OF APPENDICES

THIS PAGE IS INTENDED TO BE LEFT BLANK

1.0 PEA SUMMARY

In accordance with the California Public Utilities Commission (CPUC) General Order (G.O.) 131-D, this Proponent's Environmental Assessment (PEA) has been prepared by San Diego Gas & Electric Company (SDG&E) to support SDG&E's application for a Permit to Construct (PTC) for the Tie-Line (TL) 637 Wood-to-Steel Project (Proposed Project).

As discussed in more detail below, the overall purpose of the Proposed Project is to increase system reliability and reduce risk associated with known local conditions and potential fire events. The Proposed Project would "fire harden" TL 637, an existing 69kV wood power line, by replacing existing wood structures with weathering steel poles. The Proposed Project would be located within currently existing SDG&E rights-of-way (ROW) and substation property.

This PEA Summary briefly describes the location and primary components of the Proposed Project, the Proposed Project need and range of alternatives considered, the PEA contents, the major conclusions of the PEA, SDG&E's public outreach and consultation efforts, areas of controversy, and issues to be resolved. As discussed below, in light of the existing environmental baseline and ordinary construction/operating restrictions incorporated into the Proposed Project, no significant environmental impacts have been identified.

1.1 PROJECT LOCATION

The Proposed Project is located in unincorporated San Diego County, near the communities of Ramona and Santa Ysabel. Segments of TL 637 cross the Mount Gower and Simon Preserves, as well as the Cleveland National Forest.

1.2 PROPOSED PROJECT COMPONENTS

As discussed in Section 3.0, the Proposed Project comprises the reconstruction of existing electric facilities within existing SDG&E ROW and substation property. Specifically, the Proposed Project includes the following three main components:

- Power line reconstruction (TL 637 wood-to-steel);
- Minor substation modifications at the Creelman and Santa Ysabel Substations; and
- New fiber optic communication line between the Creelman and Santa Ysabel Substations.

1.2.1 TL 637 Wood-to-Steel

The existing wood poles along the approximate 14 mile TL 637 between the existing Creelman and Santa Ysabel Substations will be replaced with new weathering steel poles. Key elements of the TL 637 wood-to-steel pole replacement are:

- Replace existing wood poles with new weathering steel (approximately 69 of the new weathering steel poles will be directly-embedded and approximately 87 will be supported by micropile foundations);
- Reconductor TL 637 with 636 aluminum conductor steel support/alumoweld (ACSS/AW) conductor;
- Associated distribution line work (relocation of existing distribution circuits to the TL 637 poles along Creelman Lane, west of the Creelman Substation;
- Minor undergrounding of existing distribution circuits to new pole locations; and
- Vacant position for potential future distribution lines on a portion of TL 637 route.

1.2.2 Substation Work

Work will be required at both the Creelman and Santa Ysabel Substations to allow for the wood-to-steel conversion of TL 637. The required work at the substations will be relatively minor and will not require the addition, subtraction, or relocation of major equipment. All substation work would be within the existing substation properties.

1.2.3 New Fiber Optic Line

SDG&E is proposing to install a new SDG&E owned and operated fiber optic cable between the Creelman and Santa Ysabel Substations. This new fiber optic line will be installed on the new TL 637 steel poles in an overhead position and will be utilized to transfer information between the two substations.

1.3 PROJECT NEED AND RANGE OF ALTERNATIVES CONSIDERED

The Proposed Project has been developed by SDG&E in order to achieve the following project objectives (refer to Section 2.0, Proposed Project Purpose and Need):

1. Increase the fire safety and service reliability of TL 637, an existing 69 kilovolt (kV) power line.
2. Minimize potential adverse environmental effects.
3. Locate proposed facilities within existing utility corridors to the extent feasible.

Section 5.2, Description of Project Alternatives to Minimize Significant Effects, outlines four alternatives to the Proposed Project, including a no project alternative, a wood-to-wood replacement alternative, an underground power line alternative, and a minor relocations alternative. The no project alternative and wood-to-wood replacement alternative would not meet the primary objective of increasing fire safety and service reliability, and were therefore rejected by SDG&E. The underground power line alternative would meet the primary objective of increasing fire safety and service reliability, but would result in greater (not less) adverse impacts when compared to the Proposed Project.

1.4 PROPONENTS ENVIRONMENTAL ASSESSMENT CONTENTS

1.4.1 PEA

The PEA was prepared in accordance with the PEA Checklist issued by the CPUC and is divided into five sections and a series of corresponding appendices. PEA section contents are briefly described below.

Section 1.0-PEA Summary. Section 1.0 discusses the conclusions and content of the PEA sections, and contains information on SDG&E's coordination efforts.

Section 2.0-Proposed Project Purpose and Need. Section 2.0 outlines the purpose and need for the Proposed Project, including the Proposed Project objectives.

Section 3.0-Proposed Project Description. Section 3.0 describes the whole of the Proposed Project, including construction, operation, and maintenance. The Project Description includes a detailed description of construction methods, construction schedule, existing facilities, proposed facilities, and anticipated permit requirements.

Section 4-Environmental Impact Assessment. Section 4 (4.1 through 4.15) includes a discussion of the existing conditions and potential and anticipated impacts for the following resource areas:

- Aesthetics
- Agricultural and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology, Soils, and Mineral Resources
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation and Traffic
- Utilities and Service Systems

Section 4.16 includes an assessment of potential cumulative impacts that could occur as a result of impacts from the Proposed Project contributing to cumulatively considerable adverse effects when analyzed with respect to other foreseeable projects.

Section 5.0-Detailed Discussion of Significant Environmental Impacts. Section 5.0 includes a detailed discussion of significant impacts. This section also evaluates the alternatives (Section 5.2) to the Proposed Project as well as potential growth-inducing impacts (Section 5.3).

Throughout the PEA sections and appendices, SDG&E has provided specific information to address the items outlined within the CPUC's PEA Checklist for Transmission[1] Line and Substation Projects (PEA Checklist). Table 1-1, PEA Checklist Key Table, provides the specific location within the PEA and appendices of all data provided to meet the requirements of the PEA Checklist.

The PEA also contains technical appendices in support of Sections 1.0 through 5.0 as well as other items required by the CPUC PEA Checklist and G.O. 131-D. Specifically, the PEA includes the following appendices:

- Appendix 1-A: Letters of Support
- Appendix 1-B: Parcel and Mailing Information for Properties within 300 Feet of the Proposed Project
- Appendix 1-C: Existing Power Line Map
- Appendix 3-A: Pole Detail Table
- Appendix 3-B: Detailed Route Map
- Appendix 3-C: Typical Structure Diagrams and Photographs
- Appendix 3-D: Detailed Magnetic Field Management Plan
- Appendix 4.3-A: Emissions Spreadsheets
- Appendix 4.4-A: Biological Technical Report
- Appendix 4.5-A: Paleontological Resources Record Search
- Appendix 4.7-A: Regulatory Database Search Results
- Appendix 4.7-B: Cleveland National Forest Fire Plan
- Appendix 4.7-C: TL 637 Project Fire Plan

1.4.2 Other PEA Requirements

The following items are included within the CPUC PEA Checklist and/or CPUC G.O. 131-D and have been provided as described below:

- Parcel and mailing information for parcels within 300 feet of the Proposed Project. This has been provided as Appendix 1-B.
- Map showing existing power lines within the Proposed Project area. This map has been provided as Appendix 1-C.

[1] The term "Transmission" as used within this section of the PEA refers to the CPUC's PEA Checklist document and is not intended to suggest that TL 637 is designed for immediate or eventual operation at 200kV or above.

1.5 MAJOR PEA CONCLUSIONS

As discussed throughout the PEA, the Proposed Project replaces existing wood structures with weathering steel poles and is located entirely within currently existing SDG&E ROW and substation properties. The baseline environmental setting for the Proposed Project includes the existing electric power, distribution and substation facilities and SDG&E's on-going operation and maintenance of these facilities. SDG&E's ordinary construction and operating restrictions have been incorporated into the design and description of the Proposed Project (see Section 3.8, Project Design Features and Ordinary Construction/Operating Restrictions).

1.5.1 Resource Areas with No Impact or Less than Significant Impacts

The PEA analyzes the potential environmental impacts associated with construction, operation and maintenance of the Proposed Project. As discussed in PEA Sections 4.1 through 4.16, the Proposed Project would not result in any significant adverse environmental impacts. Specifically, the following sections were found to have no impacts:

- Agricultural and Forestry Resources;
- Mineral Resources;
- Land Use and Planning;
- Population and Housing; and
- Public Services.

The following resource areas were found to have less than significant impacts:

- Aesthetics;
- Air Quality;
- Biological Resources;
- Cultural Resources;
- Geology and Soils;
- Greenhouse Gases;
- Hazards and Hazardous Materials;
- Hydrology and Water Quality;
- Noise;
- Recreation;
- Transportation and Traffic; and
- Utilities and Service Systems.

1.5.2 Significant, Unavoidable Impacts

No significant, unavoidable adverse impacts were identified during the preparation of the PEA (refer to PEA Sections 4.1 through 4.16).

1.5.3 CEQA Compliance

The PEA confirms that the Proposed Project qualifies for an exemption under CEQA. Specifically, the Proposed Project falls within the Class 2 Categorical Exemption (*CEQA Guidelines*, Section 15302), which applies to the "replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced, including but not limited to… replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity." In addition, this PEA confirms that none of the exceptions to the categorical exemptions described in the *CEQA Guidelines*, Section 15300.2 applies.

1.5.3.1 CEQA Guidelines Section 15302 (Class 2 Exemptions)

The Proposed Project is the reconstruction of existing wood power line and distribution line structures for the purpose of increasing fire safety and service reliability (see Section 2.0, Proposed Project Purpose and Need). The reconstructed TL 637 will be located within the same utility corridor as the existing line, and the new line will not include an increase in voltage or expansion of service area (reconstructed lines will retain the existing kV ratings).

1.5.3.2 CEQA Guidelines Section 15300.2 (Exceptions)

The Proposed Project will not result in any significant, adverse impacts on the environment, as outlined in Sections 1.5.1 through 1.5.3 and detailed in Section 4.0 *et seq.* of the PEA and does not trigger any of the exceptions to the categorical exemptions outlined in *CEQA Guidelines*, Section 15300.2. More specifically:

- Location: The Proposed Project will not impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies as analyzed in this PEA. For details, please refer to Section 4.4, Biological Resources, Section 4.5, Cultural Resources, Section 4.6, Geology and Soils, Section 4.7, Hazards and Hazardous Materials, Section 4.8, Hydrology and Water Quality, and Section 4.9, Land Use Planning. In summary:
  - Biological Resources: Implementation of the *San Diego Gas & Electric Subregional Natural Communities Conservation Plan (SDG&E Subregional NCCP)*, associated avoidance and minimization measures, and SDG&E protocols (all of which are ordinary operating restrictions for SDG&E) ensures that the Proposed Project will not result in a significant environmental impact to biological resources.
  - Cultural Resources: The Proposed Project will not significantly affect cultural resource sites listed on either the National Register of Historic Places or the California Register of Historical Places, or on any local inventory list. Implementation of SDG&E's ordinary operating and construction restrictions as

outlined in Section 3.8, Project Design Features and Ordinary Construction/Operating Restrictions, will avoid impacts to known and undiscovered resources.

- Geology and Soils: The Proposed Project does not traverse a known active fault or mapped Alquist–Priolo Earthquake Fault Zone (refer to Section 4.6, Geology, Soils, and Mineral Resources).
- Hazards and Hazardous Materials: The Proposed Project is located within the fire threat zone, as indicated on the SDG&E Fire Threat Zone Map. However, the Proposed Project will fire harden the existing wood power line facilities, thereby minimizing the risks associated with the Fire Threat Zone. Moreover, SDG&E's ordinary operating restrictions, including implementation of the *TL 637 Project Fire Plan* and *Cleveland National Forest Fire Plan*, will avoid wildland fire risks during construction.
- Hydrology and Water Quality: The Proposed Project alignment is not located within a 100-year flood hazard area; therefore, the poles would not impede or redirect flood flows within a 100-year flood hazard area, and no substantial impacts to the floodplain are anticipated to occur.
- Land Use and Planning: Proposed Project facilities will be located within existing SDG&E ROW. Therefore, Proposed Project activities will not conflict with any applicable land use plan, policy, or regulation.

- Cumulative Impacts: The Proposed Project will not result in significant cumulative impacts as analyzed in Section 4.16, Cumulative Impacts. Four development projects were identified within one mile of the Proposed Project; however, construction of the Proposed Project is not anticipated to overlap with any of these projects (refer to Section 4.16, Cumulative Impacts). The Proposed Project is not anticipated to result in any cumulatively considerable impacts following construction, particularly since operation and maintenance activities on TL 637 are anticipated to decrease after the power line is reconstructed.
- Significant Effect: No reasonable possibility of significant impact due to unusual circumstances is expected, since the circumstances of the Proposed Project (1) do not differ from the general circumstances of projects typically found to be exempt under CEQA and G.O. 131-D; (2) do not create an environmental risk that does not exist for the general class of exempt projects; and (3) does not involve physical conditions that are not completely addressed through adherence to existing building and design standards. The Proposed Project will have no impact, or impacts that will remain below relevant thresholds of significance as stated within Sections 4.1 through 4.16 of this PEA due to the Proposed Project location, project design, adherence to SDG&E's ordinary construction/operating restrictions and other protocols and plans (including the *SDG&E Subregional NCCP* and *TL 637 Project Fire Plan*), and adherence to existing laws and regulations, (including implementation of a Storm Water Pollution Prevention Plan [SWPPP]).
- Scenic Highways: The Proposed Project will not damage scenic resources within a highway officially designated as a state scenic highway or county scenic highway as discussed in Section 4.1, Aesthetics.

- Hazardous Waste Sites: The Proposed Project is not located on a hazardous waste site included in any list compiled pursuant to Section 65962.5 of the Government Code as analyzed within Section 4.7, Hazards and Hazardous Materials.
- Historic Resources: The project will not cause a substantial adverse change in the significance of a historical resource as documented in Section 4.5, Cultural Resources.

1.6 PUBLIC OUTREACH EFFORTS AND LETTERS OF SUPPORT

To date, approximately four supporters, including government entities, private land owners, individual customers and other organizations have expressed their support for the Proposed Project. Proposed Project supporters include, but are not limited to, the following:

- Ramona Chamber of Commerce;
- E.A. Ranches, LLC;
- San Diego County Estates Association; and
- Tulloch Family Partners.

Copies of support letters that have been received to date can be found within Appendix 1-A, Proposed Project Letters of Support.

1.7 INTER-AGENCY REVIEW AND COORDINATION

During the engineering and planning processes for the Proposed Project, SDG&E coordinated with a number of government agencies. The key inter-agency and other coordination is further described below.

1.7.1 California Public Utilities Commission

On June 4, 2012, SDG&E filed an Advice Letter (2398-E) with the CPUC to construct the TL 637 Wood-to-Steel Project. In October 2012, the CPUC officially requested, and SDG&E agreed, that SDG&E prepare an application for a PTC, including the preparation of a PEA, for the consideration of the CPUC for the approval of the TL 637 Wood-to-Steel Project. In February 2013, CPUC advised that an environmental consultant had been retained to review the PTC application, at which point SDG&E finalized the application for filing.

1.7.2 Bureau of Land Management and the County of San Diego

TL 637 crosses the Mount Gower and Simon Preserves. The Mt. Gower Preserve is owned by the U.S. Bureau of Land Management (BLM) and managed by the County of San Diego. The Simon Preserve is owned and managed by the County of San Diego. The Proposed Project required a revision to the BLM ROW grant, which was previously renewed in August 2011. SDG&E's easement crossing the Simon Preserve, acquired in 1959, pre-dates ownership of this area by the County of San Diego.

To obtain BLM approval of the ROW grant amendment, SDG&E filed an SF-299 application with all applicable exhibits and environmental and cultural reviews. BLM issued the ROW

amendment on June 1, 2012 pursuant to a categorical exclusion from the National Environmental Policy Act (NEPA).

No further action was needed for the 1959 easement through the Simon Preserve. An on-site coordination meeting was conducted on April 25, 2012 by SDG&E staff with attendance from BLM and County of San Diego staff to discuss how SDG&E would conduct work for the Proposed Project while continuing to allow public access to the County preserves and trails.

1.7.3 Cleveland National Forest

An approximately 1,750 foot segment of TL 637 crosses a corner of the Cleveland National Forest. This segment includes two existing steel poles (Pole Nos. P115 and P116) that do not need to be replaced. Cleveland National Forest is aware that TL 637 will be reconductored as part of the Proposed Project.

1.7.4 Federal Aviation Administration

SDG&E determined that two poles required noticing to the Federal Aviation Administration (FAA). SDG&E contacted the FAA and the FAA conducted an aeronautical study under the provisions of 49 United States Code, Section 44718 and Title 14 of the code of Federal Regulations, part 77; for the Proposed Project poles. The FAA determined there is no hazard to air navigation and aerial marking lights/balls are not required.

1.7.5 Regional Water Quality Control Board, California Department of Fish and Wildlife and the U.S. Army Corps of Engineers

Eleven existing wood poles (Pole Nos. P148, P149, P150, P103, P104, P105, P106, P107, P114, P152, and P129) are currently located within wet meadows that have been determined to be jurisdictional by the United States Army Corps of Engineers (USACE) and the Regional Water Quality Control Board (RWQCB). Six poles (Pole Nos. D10, D169, D171, D167, P11, and P13) are located within a streambed/water of the U.S. that has been determined to be jurisdictional by the California Department of Fish and Wildlife (CDFW – formerly the California Department of Fish and Game), USACE and the RWQCB. In addition, steel plates will be used to temporarily span over two USACE/RWQCB/CDFW jurisdictional areas to provide temporary access during construction. Project activity associated with all seventeen poles and the temporary steel plates needed to provide construction access will be carried out under non-notifying Nationwide Permit #12 issued by the USACE, and a 401 Certification from the RWQCB approved on May 16, 2012 (File No. 11C-114). The impacts associated with the six poles within CDFW jurisdiction will not substantially adversely affect an existing fish or wildlife resource; therefore, per California Fish and Game Code, Section 1602, a Streambed Alteration Agreement notification is not required. SDG&E coordinated with CDFW on this determination during the week of December 12, 2011.

1.7.6 California Department of Transportation

An encroachment permit from the California Department of Transportation (Caltrans) was initially obtained for the Proposed Project's crossing of Highway 78 near the Santa Ysabel Substation. The Caltrans approval expired on December 31, 2012; therefore an extension has been requested from Caltrans for the Proposed Project.

1.8 AREAS OF CONTROVERSY

To date, SDG&E has not identified any areas of controversy regarding the Proposed Project.

1.9 ISSUES TO BE RESOLVED

To date, SDG&E has not identified any issues that remain unresolved prior to construction of the Proposed Project.

The remainder of the page is intentionally kept blank.

Table 1-1: PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
Chapter 1: PEA Summary		
	Include major conclusions of the PEA.	Section 1.5 – Major PEA Conclusions
	List any areas of controversy.	Section 1.7.2 – Areas of Controversy
	Identify any major issues that must be resolved, including the choice among reasonably feasible alternatives and mitigation measures, if any.	Section 1.8 – Issues to be Resolved
	Include a description of inter-agency coordination if any.	Section 1.7 – Inter-Agency and Other Consultations
	Include a description of public outreach efforts, if any.	Section 1.6 – Public Outreach Efforts
Chapter 2: Project Purpose and Need		
2.1 Overview	Include an analysis of Proposed Project objectives and purpose and need that is sufficiently detailed so that the Commission can independently evaluate the Proposed Project need and benefits in order to accurately consider them in light of the potential environmental impacts.	Section 2.0 – Proposed Project Purpose and Need
	Explain the objective(s) and/or purpose and need for implementing the Proposed Project.	Section 2.0 – Proposed Project Purpose and Need
2.2 Project Objectives	Include an analysis of the reason why attainment of these objectives is necessary or desirable. Such analysis must be sufficiently detailed to inform the Commission in its independent formulation of Proposed Project objectives which will aid any appropriate CEQA alternatives screening process.	Section 2.0 – Proposed Project Purpose and Need

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
Chapter 3: Project Description		
3.1 Project Location	Identify geographical location: County, City (provide Proposed Project location map[s]).	Section 3.2 – Proposed Project Location, Regional Context, and Regional Electric System Figure 3-1: Project Vicinity Map
3.1 Project Location	Provide a general description of land uses within the Proposed Project site (e.g., residential, commercial, agricultural, recreation, vineyards, farms, open space, number of stream crossings, etc.).	Section 4.9 – Land Use and Planning Table 4.9-1: Designated and Existing Land Uses in the Proposed Project Vicinity
	Determine whether the Proposed Project is located within an existing property owned by the Applicant, traverses existing ROWs, or requires new ROWs. Provide the approximate area of the property or the length of the Proposed Project that is in an existing ROW or which requires new ROWs.	Section 3.6 – Permanent Land and Right-of-Way Requirements
3.2 Existing System	Describe the local system to which the Proposed Project relates.	Section 2.0 – Proposed Project Purpose and Need
	Provide a schematic diagram and map of the existing system.	Appendix 1-C: Existing Power Line Map
	Provide a schematic diagram that illustrates the system as it would be configured with the implementation of the Proposed Project.	Appendix 3-B: Detailed Route Map

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.4 Proposed Project	Describe the Proposed Project. Is it an upgrade, a new line, new substations, etc.?	Section 3.1 – Proposed Project Overview Section 3.3 – Proposed Project Facilities
	Describe how the Proposed Project fits into the regional system. Does it create a loop for reliability, etc.?	Section 2.0 – Proposed Project Purpose and Need Section 3.1 – Proposed Project Overview Section 3.2 – Proposed Project Location, Regional Context, and Regional Electric System
	Describe all reasonably foreseeable future phases, or other reasonably foreseeable consequences of the Proposed Project.	Section 3.3 – Proposed Project Facilities
	Provide the capacity increase in megawatts (MW). If the Proposed Project does not increase capacity, state that.	Proposed Project does not increase any voltage ratings. Refer to Sections 2.0 and 3.0
	Provide GIS (or equivalent) data layers for the Proposed Project preliminary engineering, including estimated locations of all physical components of the Proposed Project, as well as those related to construction.	GIS Data is confidential and is not provided within this submittal.
3.5 Project Components **3.5.1 Power Line**	Describe what type of line exists and what type of line is proposed.	Section 3.2 – Proposed Project Location, Regional Context, and Regional Electric System Section 3. 3 – Proposed Project Facilities
	Identify the length of the upgraded alignment, the new alignment, etc.	Section 3.1 – Proposed Project Overview Section 3. 3 – Proposed Project Facilities
	Describe whether construction would require one-for-one pole replacement, new poles, steel poles, etc.?	Section 3. 3 – Proposed Project Facilities Section 3.4 – Construction Methods
	Describe what would happen to other lines and utilities that may be collocated on the poles to be replaced (e.g., distribution, communication, etc.).	Section 3. 3 – Proposed Project Facilities

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.5.2 Poles/Towers	Provide information for each pole/tower that would be installed and for each pole/tower that would be removed.	Section 3.3.1 – TL37 Wood-to-Steel Replacement Appendix 3-A: Pole Detail Table Appendix 3-B: Detailed Route Map
	Describe any specialty poles or towers; note where they would be used; make sure to note if any guying would likely be required across a road.	Section 3.3.1.6 – Temporary Poles Appendix: 3-A: Pole Detail Table Appendix 3-B: Detailed Route Map
	If the Proposed Project includes pole-for-pole replacement, describe the approximate location of where the new poles would be installed relative to the existing alignment.	Section 3.3.1 – TL37 Wood-to-Steel Replacement Appendix: 3-A –Pole Detail Table Appendix 3-B: Detailed Route Map
	Describe any special pole types and any special features.	Section 3. 3 – Proposed Project Facilities
3.5.3 Conductor/Cable **3.5.3.1 Above-Ground Installation**	Describe the type of line to be installed on the poles/tower.	Section 3.3.1 – TL37 Wood-to-Steel Replacement
	Describe the number of conductors required to be installed on the poles or tower and the number on each side including applicable engineering design standards.	Section 3.3.1 – TL37 Wood-to-Steel Replacement
	Provide the size and type of conductor and insulator configuration.	Section 3.3.1 – TL37 Wood-to-Steel Replacement
	Provide the approximate distance from the ground to the lowest conductor and the approximate distance between the conductors (i.e., both horizontally and vertically). Provide specific information at highways, rivers, or special crossings.	Section 3.3.1 – TL37 Wood-to-Steel Replacement
	Provide the approximate span lengths between poles or towers, note where different if distribution is present or not if relevant.	Section 3.3.1 – TL37 Wood-to-Steel Replacement
	Determine whether other infrastructure would likely be collocated with the conductor; if so, provide conduit diameter of other infrastructure.	Section 3.3.1 – TL37 Wood-to-Steel Replacement

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.5.3.2 Below Ground Installation	Describe the type of line to be installed.	Section 3. 3 – Proposed Project Facilities Section 3.4.8 – Underground Distribution and Fiber Optic Lines Section 3.4.9.7 – Underground Distribution and Fiber Optic Lines
	Describe the type of casing the cable would be installed in; provide the dimensions of the casing.	Section 3.4.8 – Underground Distribution and Fiber Optic Lines
	Provide an engineering 'typical' drawing of the duct bank and describe what types of infrastructure would likely be installed within the duct bank.	Appendix 3-C: Typical Photographs and Structures
3.5.4 Substations	Provide "typical" plan and profile views of the proposed substation and the existing substation if applicable.	Not Applicable
	Describe the types of equipment that would be temporarily or permanently installed and provide details as to what the function/use of said equipment would be.	Section 3.3.2 – Substations
	Provide the approximate or "typical" dimensions (width and height) of new structures including engineering and design standards that apply.	Not Applicable
	Describe the extent of the Proposed Project. Would it occur within the existing fence line, existing property line or would either need to be expanded?	Section 3.3.2 – Substations
	Describe the electrical need area served by the distribution substation.	Section 2.0 – Proposed Project Purpose and Need Section 3.2 – Proposed Project Location, Regional Context, and Regional Electric System

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.6 Right-of-Way Requirements	Describe the ROW location, ownership, and width. Would the existing ROW be used or would a new ROW be required?	Section 3.6 – Permanent Land and Right-of-Way Requirements
	If a new ROW is required, describe how it would be acquired and approximately how much land would be required (length and width).	Not Applicable
3.6 Right-of-Way Requirements	List the properties likely to require acquisition.	Not Applicable
3.7 Construction **3.7.1 For All Projects** **3.7.1.1 Staging Areas**	Where would the main staging area(s) likely be located?	Section 3.4.9 – Temporary Work Areas Section 3.4.9.1 – Materials Storage and Staging Areas Appendix 3-B: Detailed Route Map
	Approximately how large would the main staging area(s) be?	Section 3.4.9 – Temporary Work Areas Section 3.4.9.1 – Materials Storage and Staging Areas Appendix 3-B: Detailed Route Map
	Describe any site preparation required, if known, or generally describe what might be required.	Section 3.4.9 – Temporary Work Areas
	Describe what the staging area would be used for.	Section 3.4.9.1 – Materials Storage and Staging Areas
	Describe how the staging area would be secured, would a fence be installed? If so, describe the type and extent of the fencing.	Section 3.4.9.1 – Materials Storage and Staging Areas
	Describe how power to the site would be provided if required.	Section 3.4.9.1 – Materials Storage and Staging Areas
	Describe any grading activities and/or slope stabilization issues.	Section 3.4.9.1 – Materials Storage and Staging Areas

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.1.2 Work Areas	Describe known work areas that may be required for specific construction activities.	Section 3.4.9 – Temporary Work Areas Section 3.4.9.1 – Materials Storage and Staging Areas Appendix 3-B: Detailed Route Map
	For each known work area, provide the area required (include length and width) and describe the types of activities that would be performed.	Section 3.4.9 – Temporary Work Areas Appendix 3-B: Detailed Route Map
	Identify the approximate location of known work areas in the GIS database.	Not Applicable
	Describe how the work areas would likely be accessed.	Section 3.4.9.6 – Access Appendix 3-B: Detailed Route Map Appendix 3-A: Pole Detail Table
3.7.1.2 Work Areas	If any site preparation is likely required, generally describe what and how it would be accomplished.	Section 3.4.9 – Temporary Work Areas
	Describe any grading activities and/or slope stabilization issues.	Section 3.4.9 – Temporary Work Areas
	Based on the information provided, describe how the site would be restored.	Section 3.4.12 – Site Cleanup
3.7.1.3 Access Roads and/or Spur Roads	Describe the types of roads that would be used and/or would need to be created to implement the Proposed Project.	Section 3.4.9.6 –Access Appendix 3-B: Detailed Route Map Appendix 3-A: Pole Detail Table
	For road types that require preparation, describe the methods and equipment that would be used.	Section 3.4.9.6 –Access
	Identify approximate location of all access roads (by type) in the GIS database.	Not Applicable

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.1.3 Access Roads and/or Spur Roads	Describe any grading activities and/or slope stabilization issues.	Section 3.4.9.6 –Access
3.7.1.4 Helicopter Access	Identify which proposed poles/towers would be removed and/or installed using a helicopter.	Section 3.4.11 – Helicopter Usage during Power Line Construction
	If different types of helicopters are to be used, describe each type and what activities they would be used for.	Section 3.4.11 – Helicopter Usage during Power Line Construction Table 3-2: Typical Construction Equipment and Usage
3.7.1.4 Helicopter Access	Provide information as to where the helicopters would be staged, where they would refuel, where they would land within the Proposed Project site.	Section 3.4.9.1 – Materials Storage, Staging, and Helicopter Landing Zones Section 3.4.11 – Helicopter Usage during Power Line Construction Appendix 3-B: Detailed Route Map
	Describe any BMPs that would be employed to avoid impacts caused by use of helicopters, for example: air quality and noise considerations.	Section 3.4.11 – Helicopter Usage during Power Line Construction Section 3.8 – Project Design Features and Ordinary Construction/Operating Restrictions
	Describe flight paths, payloads, hours of operations for known locations, and work types.	Section 3.4.11 – Helicopter Usage during Power Line Construction
3.7.1.5 Vegetation Clearance	Describe the types of vegetation clearing that may be required and why.	Section 3.7 – Operation and Maintenance (Existing and Proposed) Table 4.4-3: Anticipated Impacts by Vegetation Community Type
	Identify the preliminary location and provide an approximate area of disturbance in the GIS database for each type of vegetation removal.	Section 4.4 – Biological Resources Appendix 3-B: Detailed Route Map Appendix 4.4-A: Biological Technical Report

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.1.5 Vegetation Clearance	Describe how each type of vegetation removal would be accomplished.	Section 3.4 – Construction Methods
	For removal of trees, distinguish between tree trimming as required under GO-95D and tree removal.	Section 3.7 – Operation and Maintenance (Existing and Proposed) Section 4.4 – Biological Resources
	Describe the types and approximate number and size of trees that may need to be removed.	Section 4.4 – Biological Resources
	Describe the type of equipment typically used.	Section 3.4.14.2 – Construction Equipment
3.7.1.6 Erosion and Sediment Control and Pollution Prevention during Construction	Describe the areas of soil disturbance including estimated total areas and associated terrain type and slope. List all known permits required. For project sites of less than 1 acre, outline the BMPs that would be implemented to manage surface runoff.	Section 3.8 – Project Design Features and Ordinary Construction/Operating Restrictions Section 3.11 – Required Approvals Table 3-7: Anticipated Permit, Approval, and Consultation Requirements
	Describe any grading activities and/or slope stabilization issues.	Section 3.4 – Construction Methods
	Describe how construction waste would be disposed.	Section 3.4.12 –Site Cleanup Section 3.4.13 – Retired Structures/Poles Materials, and Components Section 4.15 – Utilities and Service Systems
3.7.1.7 Cleanup and Post-Construction Restoration	Describe how cleanup and post-construction restoration would be performed.	Section 3.4.12 –Site Cleanup

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.2 Power Line Construction (Above Ground) **3.7.2.1 Pull and Tension Sites**	Provide the general or average distance between pull and tension sites.	Section 3.4.9.2 – Stringing Sites Section 3.4.5 – Conductor Stringing Appendix 3-B: Detailed Route Map
	Provide the area of pull and tension sites including the estimated length and width.	Section 3.4.9.2 – Stringing Sites
	According to the preliminary plan, identify the number of pull and tension sites that would be required, and their locations. Provide the location information in GIS.	Section 3.4.9.2 – Stringing Sites Appendix 3-B: Detailed Route Map
	Describe the type of equipment that would be required at these sites.	Section 3.4.12.2 – Construction Equipment Table 3-2: Standard Construction Equipment and Usage
	If conductor is being replaced, describe how it would be removed from the site.	Section 3.4.12.2 – Construction Equipment Table 3-2: Standard Construction Equipment and Usage
3.7.2.2 Pole Installation and Removal	Describe how the construction crews and their equipment would be transported to and from the pole site locations. Provide vehicle type, number of vehicles, estimated number of trips, and hours of operation.	Section 3.4.12.2 – Construction Equipment Section 3.4.9.3 – Pole Sites Table 3-2: Standard Construction Equipment and Usage
	Describe the process of removing the poles and foundations.	Section 3.4.3 – Pole Removal
	Describe what happens to the holes that the poles were in (i.e., reused or backfilled)?	Section 3.4.3 – Pole Removal
	If the holes are to be backfilled, what type of fill would be used and where would it come from?	Section 3.4.3 – Pole Removal

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.2.2 Pole Installation and Removal	Describe any surface restoration that would occur at the pole sites.	Section 3.4.12 – Site Cleanup
	Describe how the poles would be removed from the sites.	Section 3.4.3 – Pole Removal
	If topping is required to remove a portion of an existing pole that would now only carry distribution lines, describe the methodology to access and remove the tops of these poles. Describe any special methods that would be required to top poles that may be difficult to access, etc.	Section 3.4.3 – Pole Removal
	Describe the process of how the new poles/towers would be installed; specifically identify any special construction methods for specific locations or for different types of poles/towers.	Section 3.4.1 – Micropile Construction Section 3.4.2 – Weathering Steel Pole Construction (Directly-Imbedded)
3.7.2.2 Pole/Tower Installation	Describe the types of equipment and their use as related to pole/tower installation.	Section 3.4.1 – Micropile Construction Section 3.4.2 – Weathering Steel Pole Construction (Directly-Imbedded) Table 3-2: Standard Construction Equipment and Usage
	Describe the actions taken to maintain a safe work environment during construction.	Section 3.4 – Construction Methods Section 3.4.9.3 –Pole Sites
	Describe what would be done with soil that is removed from a hole/foundation site.	Section 3.4 – Construction Methods
	For any foundations required, provide a description of the construction method(s), approximate average depth and diameter of excavation, approximate volume of soil to be excavated, approximate volume of concrete or other backfill required, etc.	Not Applicable

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.2.2 Pole/Tower Installation	Describe briefly how poles/towers and associated hardware are assembled.	Section 3.4.1 – Micropile Construction Section 3.4.2 – Weathering Steel Pole Construction (Directly-Imbedded) Section 3.4.5 –Conductor Stringing
3.7.2.2 Pole/Tower Installation	Describe how the poles/towers and associated hardware would be delivered to the site; would they be assembled off-site and brought in or assembled on site?	Section 3.4.1 –Micropile Construction Section 3.4.2 – Weathering Steel Pole Construction (Directly-Imbedded) Section 3.4.9.3 –Pole Sites
	Provide the following information about pole/tower installation and associated disturbance area estimates; pole diameter, lattice tower base dimension, auger hole depth, permanent footprint per pole/tower, number of poles/towers, average work area around poles/towers, and total permanent footprint for poles/towers.	Section 3.4.1 –Micropile Construction Section 3.4.2 – Weathering Steel Pole Construction (Directly-Imbedded) Section 3.4.9.3 –Pole Sites
3.7.2.3 Conductor/Cable Installation	Provide a process-based description of how new conductor/cable would be installed and how old conductor/cable would be removed, if applicable.	Section 3.4.5 - Conductor Stringing
	Generally describe the conductor/cable splicing process.	Section 3.4.5 - Conductor Stringing
	If vaults are required, provide their dimensions and approximate location/spacing along the alignment.	Not Applicable
	Describe in what areas conductor/cable stringing/installation activities would occur.	Section 3.4.5 – Conductor Stringing Section 3.4.9.2 – Stringing Sites
	Describe any safety precautions or areas where special methodology would be required.	Section 3.4.10 – Road Crossings Section 3.4.11 – Helicopter Usage during Power Line Construction

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.3 Power Line Construction (Below Ground) **3.7.3.1 Trenching**	Describe the approximate dimensions of the trench (e.g., depth, width).	Section 3.3.3 – New SDG&E Fiber Optic Line Section 3.4.8 – Underground Distribution and Fiber Optic Lines
3.7.3 Power Line Construction (Below Ground) **3.7.3.1 Trenching**	Describe the methodology of making the trench.	Section 3.4.8 – Underground Distribution and Fiber Optic Lines
	Provide the total approximate cubic yardage of material to be removed from the trench, the amount to be used as backfill and the amount to subsequently be removed/disposed of off-site.	Section 3.4 – Construction Methods Section 3.4.8 – Underground Distribution and Fiber Optic Lines
	Provide off-site disposal location, if known, or describe possible option(s).	Section 3.4.13 – Retired Structures/Poles, Materials, and Components
	If engineered fill would be used as backfill, provide information as to the type of engineered backfill and the amount that would be typically used.	Section 3.4.8 – Underground Distribution and Fiber Optic Lines
	Describe if dewatering would be anticipated, if so, how the trench would be dewatered, what the anticipated flows of the water are, whether there would be treatment, and how the water would be disposed.	Section 3.4.6 – Dewatering
	Describe the process for testing excavated soil or groundwater for the presence of pre-existing environmental contaminants that could be exposed as a result of trenching operations.	Section 4.7 – Hazards and Hazardous Materials
	If pre-existing hazardous waste was encountered, describe the process of removal and disposal.	Section 4.7 – Hazards and Hazardous Materials
	Describe any standard BMPs that would be implemented.	Section 4.7 – Hazards and Hazardous Materials

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.3.2 Trenchless Techniques: Microtunnel, Bore and Jack, Horizontal Directional Drilling	Provide the approximate location of the bore pits.	Not Applicable
	Provide the length, width and depth of the sending and receiving pits.	Not Applicable
	Describe the methodology of excavating and shoring the pits.	Not Applicable
	Describe the methodology of the trenchless technique.	Not Applicable
	Provide the total cubic yardage of material to be removed from the pits, the amount to be used as backfill and the amount to subsequently be removed/disposed of off-site.	Not Applicable
	Describe the process for safe handling of drilling mud and bore lubricants.	Not Applicable
	Describe the process for detecting and avoiding "fracturing-out" during horizontal directional drilling operations.	Not Applicable
	Describe the process for avoiding contact between drilling mud/lubricants and stream beds.	Not Applicable
	If engineered fill would be used as backfill, provide information as to the type of engineered backfill and the amount that would be typically used.	Not Applicable
	If dewatering is anticipated, describe how the pit would be dewatered, what the anticipated flows of the water are, whether there would be treatment, and how the water would be disposed.	Not Applicable
	Describe the process for testing excavated soil or groundwater for the presence of pre-existing environmental contaminants.	Not Applicable
	If a pre-existing hazardous waste was encountered, describe the process of removal and disposal.	Not Applicable

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.3.2 Trenchless Techniques: Microtunnel, Bore and Jack, Horizontal Directional Drilling	Describe any grading activities and/or slope stabilization issues.	Not Applicable
	Describe any standard BMPs that would be implemented.	Not Applicable
3.7.4 Substation Construction	Describe any earth moving activities that would be required; what type of activity and, if applicable, estimate cubic yards of materials to be reused and/or removed from the site for both site grading and foundation excavation.	Section 3.3.2 – Substations Section 3.3.2.1 – Creelman Substation Section 3.3.2.2 – Santa Ysabel Substation
	Provide a conceptual landscape plan in consultation with the municipality in which the substation is located.	Not Applicable
	Describe any grading activities and/or slope stabilization issues.	Section 3.3.2 – Substations Section 3.3.2.1 – Creelman Substation Section 3.3.2.2 – Santa Ysabel Substation
	Describe possible relocation of commercial or residential property, if any.	Not applicable – no relocation of commercial or residential property is being proposed as part of this project.
3.7.5 Construction Workforce and Equipment	Provide the estimated number of construction crew members.	Section 3.4.14.1 – Construction Personnel
	Describe the crew deployment, whether crews would work concurrently, if they would be phased, etc.	Section 3.4.14.1 – Construction Personnel Section 3.4.14.2 – Construction Equipment Table 3-2: Standard Construction Equipment and Usage

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
3.7.5 Construction Workforce and Equipment	Describe the different types of activities to be undertaken during construction, the number of crew members for each activity, and the number and types of equipment expected to be used for said activity. Include a written description of the activity.	Section 3.4.14.1 – Construction Personnel Section 3.4.14.2 – Construction Equipment Table 3-2: Standard Construction Equipment and Usage
	Provide a list of the types of equipment expected to be used during construction of the Proposed Project as well as a brief description of the use of the equipment.	Section 3.4.14.2 – Construction Equipment Table 3-2: Standard Construction Equipment and Usage
3.7.6 Construction Schedule	Provide a preliminary project construction schedule; include contingencies for weather, wildlife closure periods, etc.	Section 3.5 – Construction Schedule Table 3-3: Proposed Construction Schedule
3.8 Operation and Maintenance	Describe the general system monitoring and control.	Section 3.7 – Operation and Maintenance (Existing and Proposed)
	Describe the general maintenance program of the Proposed Project include timing of inspections, type of inspection, and a description of how the inspection would be implemented.	Section 3.7 – Operation and Maintenance (Existing and Proposed)
	If additional full time staff would be required for operation and/or maintenance, provide the number of workers and for what purpose they are required.	Section 3.7 – Operation and Maintenance (Existing and Proposed)
3.9 Applicant Proposed Measures	If there are measures that the Applicant would propose to be part of the Proposed Project, include those measures and reference plans or implementation descriptions.	Section 3.8 – Project Design Features and Ordinary Construction/Operating Restrictions Section 3.9 – Applicant Proposed Measures
3.10 Electric and Magnetic Fields Summary	Electric and Magnetic Fields Summary	Section 3.10 – Electric and Magnetic Fields Appendix 3-D: Detailed Magnetic Field Management Plan for the TL 637 Wood-to-Steel Project

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
Chapter 4: Environmental Setting		
	For each resource area discussion within the PEA, include the following: a description of the physical environment in the vicinity of the Proposed Project and a description of the regulatory environment/context.	Section 4.1 through Section 4.15
	Limit detailed descriptions to those resource areas which may be subject to a potentially significant impact.	Section 4.1 through Section 4.15
Chapter 5: Environmental Impact Assessment Summary		
5.1 Aesthetics	Provide visual simulations of prominent public view locations, including scenic highways, to demonstrate the views before and after project implementation.	Section 4.1 – Aesthetics Figures 4.1-4 through 4.1-8
5.2 Agriculture Resources	Identify the types of agricultural resources affected.	Section 4.2 – Agriculture and Forestry Resources
5.3 Air Quality	Provide supporting calculations/spreadsheets/technical reports that support emission estimates in the PEA.	Appendix 4.3-A: Emissions Spreadsheets
	Provide documentation of the location and types of sensitive receptors that could be impacted by the project.	Section 4.3 – Air Quality and Greenhouse Gases
	Identify Proposed Project greenhouse gas (GHG) emissions.	Section 4.3 – Air Quality and Greenhouse Gases
5.3 Air Quality	Ensure that the assessment of air quality impacts are consistent with PEA Sections 3.7.5 and 3.7.6, as well as with the PEA's analysis of impacts during construction, including traffic and all other emissions.	Section 4.3 – Air Quality and Greenhouse Gases

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
5.4 Biological Resources	Provide a copy of the Wetland Delineation and supporting documentation. If verified, provide supporting documentation.	Appendix 4.4-A: Biological Technical Report
	Provide a copy of special-status surveys for wildlife, botanical and aquatic species, as applicable. Any GIS data documenting locations of special-status species should be provided.	Appendix 4.4-A: Biological Technical Report
5.5 Cultural Resources	Cultural Resources Report documenting a cultural resources investigation of the Proposed Project.	Report contains confidential information and is not included with this submittal
	Provide a copy of the records found in the literature search.	Report contains confidential information and is not included with this submittal
	Provide a copy of all letters and documentation of Native American consultation.	Report contains confidential information and is not included with this submittal
5.6 Geology, Soils, and Seismic Potential	Provide a copy of the geotechnical investigation if completed, including known and potential geologic hazards such as ground shaking, subsidence, liquefaction, etc.	Geotechnical Report contains confidential information and is not included with this submittal.
5.7 Hazards and Hazardous Materials	Include the Environmental Data Resources report.	Appendix 4.7-A: Regulatory Database Records
	Include a Hazardous Substance Control and Emergency Response Plan, if required.	Not applicable.
	Include a Health and Safety Plan, if required.	If required, this will be prepared at a later date.
	Describe the Worker Environmental Awareness Program	If required, this will be prepared at a later date.
5.7 Hazards and Hazardous Materials	Describe which chemicals would be used during construction and operation of the Proposed Project.	Section 4.7 – Hazards and hazardous Materials

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
5.8 Hydrology and Water Quality	Describe impacts to groundwater quality including increased runoff due to construction of impermeable surfaces, etc.	Section 4.8 – Hydrology and Water Quality
	Describe impacts to surface water quality including the potential for accelerated soil erosion, downstream sedimentation, and reduced surface water quality.	Section 4.8 – Hydrology and Water Quality
5.9 Land Use and Planning	Provide GIS data of all parcels within 300 feet of the Proposed Project with the following data: APN number, mailing address, and parcel's physical address.	Appendix 1-B: Parcel and Mailing Information for Properties within 300 Feet of the Proposed Project
5.10 Mineral Resources	Data needs already specified under Chapter 3 would generally meet the data needs for this resource area.	Not applicable.
5.11 Noise	Provide long term noise estimates for operational noise.	Section 4.10 - Noise
5.12 Population and Housing	Data needs already specified under Chapter 3 would generally meet the data needs for this resource area.	Not applicable.
5.13 Public Services	Data needs already specified under Chapter 3 would generally meet the data needs for this resource area.	Not applicable.
5.14 Recreation	Data needs already specified under Chapter 3 would generally meet the data needs for this resource area.	Not applicable.
5.15 Transportation and Traffic	Discuss traffic impacts resulting from construction of the Proposed Project including ongoing maintenance operations.	Section 4.14 – Transportation and Traffic
	Provide a preliminary description of the traffic management plan that would be implemented during construction of the Proposed Project.	Section 4.14 – Transportation and Traffic
5.16 Utilities and Services Systems	Describe how treated wood poles would be disposed of after removal, if applicable.	Section 3.4.13 – Retired Structures/Poles, Materials, and Components

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
5.17 Cumulative Analysis	Provide a list of projects within the Proposed Project area that the applicant is involved in.	Section 4.16 – Cumulative Impacts
	Provide a list of projects that have the potential to be proximate in space and time to the Proposed Project.	Section 4.16 – Cumulative Impacts
5.18 Growth-Inducing Impacts, If Significant	Provide information on the Proposed Project's growth-inducing impacts.	Section 5.3 – Growth-Inducing Impacts
Chapter 6: Detailed Discussion of Significant Impacts		
6.1 Mitigation Measures Proposed to Minimize Significant Effects	Discuss each mitigation measure and the basis for selecting a particular mitigation measure should be stated.	Sections 4.1 through 4.15
6.2 Description of Project Alternatives and Impact Analysis	Provide a summary of the alternatives considered that would meet most of the objectives of the Proposed Project and an explanation as to why they were not chosen as the Proposed Project. Include system or facility alternatives, route alternatives, route variations, alternative locations.	Section 5.2 – Description of Project Alternatives to Minimize Significant Effects
	Include a description of a "No Project Alternative" should be included.	Section 5.2 – Description of Project Alternatives to Minimize Significant Effects
	If significant environmental effects are assessed, the discussion of alternatives shall include alternatives capable of substantially reducing or eliminating any said significant environmental effects, even if the alternative(s) substantially impede the attainment of the Proposed Project objectives and are more costly.	Section 5.2 – Description of Project Alternatives to Minimize Significant Effects

Table 1-1 (cont.): PEA Checklist Key Table

Location in PEA Checklist	Checklist Item	Location within PEA
6.3 Growth-Inducing Impacts	Discussion should be fairly succinct and focus on if the Proposed Project will foster economic or population growth, cause an increase in population that could further tax existing community service facilities, or encourage and facilitate other activities that would cause population growth that could significantly affect the environment.	Section 5.3 - Growth-Inducing Impacts
6.4 Suggested Applicant Proposed Measures to address GHG Emissions	Include a menu of suggested APM's that applicants can consider.	Section 4.3 – Air Quality and Greenhouse Gases
Chapter 7: Other Process-Related Data Needs		
	Include an excel spreadsheet that identifies all parcels within 300 feet of any Proposed Project component with the following data: APN number, owner mailing address, and parcels physical address.	Appendix 1-B: Parcel and Mailing Information for Properties within 300 Feet of the Proposed Project