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## **CHAPTER 1 – PEA SUMMARY**

Consistent with California Public Utilities Commission (CPUC) General Order 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 for the South Bay Substation Relocation Project (Proposed Project).

### **1.0 PROJECT COMPONENTS**

The South Bay Substation Relocation Project involves the removal of the existing South Bay Substation and construction of a replacement substation that would be named the Bay Boulevard Substation at a location 0.5 mile south of the existing South Bay Substation. For the purposes of this document, the Proposed Project is divided into the following five components:

1. Construction of the Bay Boulevard Substation approximately 0.5 mile south of the existing South Bay Substation
2. Construction of a 230 kilovolt (kV) loop-in
3. Relocation of 69 kV transmission lines
4. Extension of 138 kV transmission lines
5. Demolition of the existing South Bay Substation

The location of the Proposed Project is depicted in Figure 3-1: Project Location Map, and the five Proposed Project components are depicted in Figure 3-2: Project Overview Map and described in more detail in Chapter 3 – Project Description.

### **1.1 PROJECT LOCATION**

The Proposed Project site is located within the City of Chula Vista, in the southwesterly portion of San Diego County, California. The Bay Boulevard Substation, which is the primary component of the Proposed Project, is situated approximately two miles south of the City of National City, approximately five miles northeast of the City of Imperial Beach, and approximately seven miles southeast of downtown San Diego.

### **1.2 PROJECT NEED AND ALTERNATIVES**

As described further in Chapter 2 – Project Purpose and Need, the Proposed Project is being proposed to meet the following four objectives:

- Objective 1: Replace aging and obsolete substation equipment.
- Objective 2: Design a flexible transmission system that would accommodate regional energy needs subsequent to the retirement of the South Bay Power Plant (SBPP).

- Objective 3: Facilitate the City of Chula Vista’s Bayfront redevelopment goals by relocating the South Bay Substation and furthering the goals of the SDG&E-City of Chula Vista Memorandum of Understanding (MOU).
- Objective 4: Provide for future transmission and distribution load growth for the South Bay region.

Although various substation site alternatives, transmission route alternatives, and system alternatives were considered during the development of the Proposed Project, the Proposed Project was ultimately selected because it best meets all of the Proposed Project objectives and is more cost effective than the alternatives.

### **1.3 AGENCY COORDINATION**

#### **1.3.0 San Diego Unified Port District**

The San Diego Unified Port (Port District) owns the proposed Bay Boulevard Substation site and the existing South Bay Substation site; however, SDG&E has an exclusive easement for use of the South Bay Substation site. SDG&E has negotiated a Real Estate Exchange Agreement and Joint Escrow Instructions (Port Exchange Agreement) with the Port District and an Agreement for the Exchange of Lands in the City of Chula Vista (California State Lands Commission [CSLC] Exchange Agreement) with the CSLC. Pursuant to the Port Exchange Agreement and the CSLC Exchange Agreement, upon the satisfaction of several conditions precedent more fully described as follows:

1. The Port District will convey to the CSLC, and the CSLC will convey to SDG&E, the fee interest in the 12.42-acre Bay Boulevard Substation site, provided that the use of such site shall be restricted to utility uses (other than a power plant).
2. SDG&E will convey to the CSLC the easement interest in the 7.22-acre existing South Bay Substation site.
3. The Port will convey to SDG&E a leasehold interest in the 7.22-acre existing South Bay Substation site (Lease), for a term of up to 10 years, subject to early termination upon the completion of the demolition and removal of all substation improvements from the 7.22-acre existing South Bay Substation site, completion of the demolition and removal of the related transmission structures from the 10.47-acre adjacent site, and conveyance by SDG&E to the CSLC of the easement interests in the adjacent 10.47-acre transmission site.

Refer to Chapter 3 – Project Description for additional discussion of the Port District’s ownership within the Proposed Project area.

SDG&E attended a meeting with the Port District on April 15, 2010. Proposed Project-related issues discussed at the meeting included permitting strategies—specifically, requirements for the Coastal Development Permit—MOU coordination, site access, land rights, and potential site landscaping and drainage design concepts. An additional meeting with Eileen Maher, the Port District’s Assistant Director of Environmental Services occurred on May 3, 2010. During this

meeting, the Port District staff was updated regarding the status of the Proposed Project and there was a discussion of Proposed Project land rights issues, specifically relating to site access and easements.

On June 1, 2010, SDG&E met with the Port District to update them regarding their plans for development of the Bay Boulevard Substation site and the CPUC filing schedule. Further meetings with the Port District are being scheduled to continue discussion on the Proposed Project.

### **1.3.1 City of Chula Vista**

Coordination with the City of Chula Vista has been ongoing since 2004 when SDG&E and the City of Chula Vista entered into a MOU regarding several energy issues. Under the MOU, SDG&E has agreed to relocate the existing South Bay Substation based on specific conditions in the MOU, including the provision of suitable land for construction of the new substation.

SDG&E met with City of Chula Vista officials on April 15, 2010 to discuss the MOU, permitting, land rights, and proposed landscaping design and site drainage concepts. Another meeting was held on June 1, 2010 to update the City on development plans for the Bay Boulevard Substation site and the schedule for filing the application with the CPUC. Further meetings with the City are being scheduled to continue discussion on the Proposed Project.

### **1.3.2 San Diego Metropolitan Transit System**

Existing San Diego & Arizona Eastern (SD&AE) Railroad-owned tracks are located on the east side of Bay Boulevard. The tracks are managed by the San Diego Metropolitan Transit System (MTS). The tracks have been out of use for approximately 15 years. SDG&E has coordinated with MTS for access across the tracks and to potentially temporarily remove a small portion of the tracks to provide trenching access during construction. The portion of the tracks removed during construction would be replaced upon completion of the trenching activity.

### **1.3.3 Native American Heritage Commission**

The Native American Heritage Commission (NAHC) was contacted for a Sacred Lands Record Search and for a list of the appropriate Native American representatives to contact for input on the Proposed Project. This correspondence is included in Attachment 4.5-B: NAHC Correspondence. The NAHC failed to indicate the presence of any sensitive locations in the vicinity of the Proposed Project; however, they did provide a list of local Native American contacts that may be knowledgeable of potential cultural resources within or near the Proposed Project area. SDG&E sent letters to these contacts to obtain their input on the Proposed Project area on April 26, 2010. One response was received from Carmen Lucas, a Native American representative from the Kwaaymii Laguna Band of Mission Indians, on May 10, 2010. She requested that a Native American monitor be present during Proposed Project construction.

### **1.3.4 Other Coordination**

#### **Save Our Heritage Organization**

SDG&E has been coordinating with the Save Our Heritage Organization (SOHO) to address potential issues regarding construction of the Proposed Project components, specifically

underground work occurring within the SD&AE Railroad right-of-way (ROW) area that runs east of the Proposed Project site and parallel to Bay Boulevard. Discussions have been focused on trying to identify construction methods for minimizing disturbance to the resource. Based on discussion to date, it is anticipated that SDG&E would temporarily remove a portion of the track to allow for undergrounding to occur. The portion of the track removed would then be permanently set back into place and appropriate efforts would be made to restore the track to its pre-removal condition. Discussion regarding the appropriate approach for construction methods is ongoing, but a mutual agreement between SOHO and SDG&E is anticipated in the near future.

### **1.3.5 Proposed Project Support**

SDG&E has received numerous public comments in support of the Proposed Project. To date, Proposed Project supporters include the Port District, the City of Chula Vista City Council's, Energy Subcommittee, City of Chula Vista Chamber of Commerce, and the San Diego Environmental Health Coalition. Letters of support from these organizations are included in Attachment 1-A: Letters of Support.

## **1.4 PROPONENT'S ENVIRONMENTAL ASSESSMENT CONTENTS**

This PEA, which was prepared in accordance with the PEA Checklist issued by the CPUC on November 24, 2008, is divided into five sections. Chapter 1 – PEA Summary discusses the contents and conclusions of the PEA and describes SDG&E's ongoing and past coordination efforts. Chapter 2 – Project Purpose and Need outlines the Proposed Project's four objectives, specifically:

- Objective 1: Replace aging and obsolete substation equipment.
- Objective 2: Design a flexible transmission system that would accommodate regional energy needs subsequent to the retirement of the SBPP.
- Objective 3: Facilitate the City of Chula Vista's Bayfront redevelopment goals by relocating the South Bay Substation and furthering the goals of the SDG&E-City of Chula Vista MOU.
- Objective 4: Provide for future transmission and distribution load growth for the South Bay region.

A detailed description of the Proposed Project is provided in Chapter 3 – Project Description. This discussion includes specifics regarding the Proposed Project location, the existing system, the Proposed Project components, permanent and temporary land/ROW requirements, construction methods, construction schedule, anticipated operations and maintenance activities, federal and local permits that would be obtained for the Proposed Project, and a summary of all of the applicant-proposed measures (APMs) to be implemented as part of the Proposed Project, as well as justification for each.

Chapter 4 – Environmental Impact Assessment includes an environmental impact assessment summary and a discussion of the existing conditions and potential and anticipated impacts of the Proposed Project for each of the following resource areas:

- Aesthetics
- Agricultural 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

The CPUC’s PEA Checklist indicates that the environmental setting section can be provided separately or combined with the impacts and APMs. SDG&E has elected to combine the existing conditions, impacts, and APMs for each resource area in Chapter 4. Chapter 4 also includes a Cumulative Analysis, which discusses past, present, and reasonably foreseeable future projects within the Proposed Project area and the Proposed Project’s potential to contribute to a significant cumulative effect.

Chapter 5 – Detailed Discussion of Significant Impacts identifies the potentially significant impacts resulting from the Proposed Project, evaluates alternatives to the Proposed Project, describes the justification for the preferred alternative, and discusses the Proposed Project’s potential to induce growth in the area.

Throughout the PEA, SDG&E has addressed all items requested in the CPUC’s PEA Checklist. To facilitate confirmation of this and review of the PEA, Table 1-1: PEA Checklist Key, which identifies the section in which each checklist item is addressed, has been included at the end of this section.

## **1.5 PEA CONCLUSIONS**

The PEA analyzes the potential environmental impacts associated with construction and operation and maintenance of the Proposed Project. The following eight resource areas would not be impacted by the Proposed Project or would experience less-than-significant impacts:

- Agricultural Resources
- Hydrology and Water Quality
- Land Use and Planning

- Noise
- Population and Housing
- Public Services
- Recreation
- Utilities and Service Systems

Although the Proposed Project would result in potentially significant impacts to the seven remaining resource areas, these impacts would be reduced to a less-than-significant level with the implementation of APMs. These impacts are summarized as follows:

- Aesthetics – Temporary and permanent visual impacts associated with construction of the proposed Bay Boulevard Substation
- Air Quality – Temporary impacts to air quality associated with construction activities
- Biological Resources – Permanent impacts to biological resources, including the removal of wetlands and sensitive species and habitat
- Cultural Resources – Potential for discovery and damage to unknown cultural resources resulting from grading and excavation activities
- Geology, Soils, and Mineral Resources – Potential for permanent impacts associated with expansive soils, differential settling, and seismic ground motion
- Hazards and Hazardous Materials – Temporary and permanent impacts associated with the transport and use of hazardous materials, the potential release of hazardous materials resulting from the demolition of the existing South Bay Substation and operation of the proposed Bay Boulevard Substation
- Transportation and Traffic – Temporary impacts associated with construction-related road and public ROW encroachments

The APMs that would be implemented to reduce impacts to a less-than-significant level are discussed in detail in their relevant sections, as well as summarized in Table 3-18: Applicant-Proposed Measures in Chapter 3 – Project Description. These APMs have been identified by applicability to each Proposed Project component in this table. The justification for each APM is also provided in Table 3-18: Applicant-Proposed Measures.

## **1.6 ISSUES TO BE RESOLVED**

### **1.6.0 Reliability Must Run**

The construction schedule for the Proposed Project is closely linked to the retirement of the SBPP and no work on the Proposed Project would begin until the Reliability Must Run (RMR) designation has been removed. The CAISO has designated the SBPP as an RMR plant to ensure that regional transmission reliability needs are met. The SBPP cannot be decommissioned until the RMR designation is removed. In order for the RMR designation to be removed, two of three



prerequisites must occur, including construction of the Otay Mesa Energy Center, construction of the Sunrise Powerlink Project, and construction of adequate peaking generation in the region. Once the RMR designation is removed, the SBPP would be decommissioned and demolition can begin. SDG&E’s goal is to have the proposed Bay Boulevard Substation energized and transmission lines cutover, so that decommissioning and demolition of the existing South Bay Substation can occur after the retirement of the SBPP.

### **1.6.1 Unified Port District Land Transfer**

As discussed in previously in Section 1.3.0 San Diego Unified Port District and in Chapter 3 – Project Description, the Port District owns both the existing South Bay Substation site and the proposed Bay Boulevard Substation site. Under the MOU, SDG&E has agreed to relocate the existing South Bay Substation after the retirement of the SBPP based on certain conditions in the MOU, including the provision of suitable land for construction of the new substation. SDG&E has been actively coordinating with the City of Chula Vista and the Port District to allow for construction of the relocated substation. The City has requested that SDG&E deal directly with the Port District to obtain an agreement to acquire satisfactory rights to the proposed site. Subject to the execution of definitive agreements satisfactory to SDG&E, the City of Chula Vista, and the Port District, SDG&E would relocate the South Bay Substation upon retirement of the existing SBPP. SDG&E has negotiated a land exchange agreement with the Port District whereby SDG&E would obtain land rights for the proposed Bay Boulevard Substation site that are equal to or better than the rights at the existing substation site.

SDG&E has negotiated a Real Estate Exchange Agreement and Joint Escrow Instructions (Port Exchange Agreement) with the Port District and an Agreement for the Exchange of Lands in the City of Chula Vista (CSLC Exchange Agreement) with the CSLC. Pursuant to the Port Exchange Agreement and the CSLC Exchange Agreement, upon the satisfaction of several conditions precedent more fully described as follows:

1. The Port District will convey to the CSLC, and the CSLC will convey to SDG&E, the fee interest in the 12.42-acre Bay Boulevard Substation site, provided that the use of such site shall be restricted to utility uses (other than a power plant).
2. SDG&E will convey to the CSLC the easement interest in the 7.22-acre existing South Bay Substation site.
3. The Port will convey to SDG&E a leasehold interest in the 7.22-acre existing South Bay Substation site (Lease), for a term of up to 10 years, subject to early termination upon the completion of the demolition and removal of all substation improvements from the 7.22-acre existing South Bay Substation site, completion of the demolition and removal of the related transmission structures from the 10.47-acre adjacent site, and conveyance by SDG&E to the CSLC of the easement interests in the adjacent 10.47-acre transmission site.

## **1.7 PUBLIC OUTREACH EFFORTS**

A proactive approach to community engagement and collaboration has helped SDG&E identify issues early-on, which would result in fewer disruptions to local communities and property

owners. Throughout the approval process, SDG&E would continue to inform area residents and property owners, government officials, Native American tribes, and interested parties about the scope of the Proposed Project through its website, printed materials, one-on-one meetings, and presentations to local organizations. A toll-free phone number and dedicated e-mail address would also be established to allow residents and property owners to make direct contact with the Proposed Project team.

During construction, SDG&E would work to minimize disruptions from construction traffic, and limit dust and noise. SDG&E would establish a community outreach program to continuously communicate with government agencies, including the CPUC, City of Chula Vista, Port District, local Native American tribes, and other government officials regarding construction impacts. Additional activities would be implemented to keep property owners and the public informed of construction activities to minimize disruptions and address any concerns.

Personalized contacts and the latest technology would be utilized to allow immediate communication with the public and affected stakeholders when necessary. Individual e-mail messages, door-to-door contacts, community meetings, advertisements, direct mail, signage, websites, social media communication, and other activities would be incorporated into the outreach strategy to ensure consistent and up-to-date information. SDG&E would strive to ensure that the local community and property owners receive information to minimize disruptions to their daily lives. Furthermore, efforts to keep all affected agencies and interested parties informed would be aggressively pursued. Lastly, public policy makers and other interested parties would be apprised of the progress to develop the Proposed Project and renewable resources in the region.

SDG&E would also continue to work closely with the local media to ensure that current information and revisions regarding the Proposed Project are provided on a timely basis.

**Table 1-1: PEA Checklist Key**

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<b>Chapter 1 – PEA Summary</b>		
	Include major conclusions of the PEA.	Section 1.5 PEA Conclusions
	List any areas of controversy.	Section 1.6 Issues to be Resolved
	Include a description of inter-agency coordination, if any.	Section 1.3 Agency Coordination
	Include a description of public outreach efforts, if any.	Section 1.7 Public Outreach Efforts
	Identify any major issues that must be resolved, including the choice among reasonably feasible alternatives and mitigation measures, if any.	Section 1.5 PEA Conclusions.
<b>Chapter 2 – Project Purpose and Need</b>		
<b>2.1 Overview</b>		
	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 Overview Section 2.1 Project Objectives
	Explain the objective(s) and/or purpose and need for implementing the Proposed Project.	Section 2.0 Overview Section 2.1 Project Objectives
<b>2.2 Project Objectives</b>		
	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 California Environmental Quality Act alternatives screening process.	Section 2.1 Project Objectives

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<b>Chapter 3: Project Description</b>		
<b>3.1 Project Location</b>	<p>Identify geographical location: County, City (provide Proposed Project location map[s]).</p> <p>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.).</p> <p>Describe if the Proposed Project is located within an existing property owned by the Applicant, traverses existing rights-of-way (ROW), or requires new ROW. 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.</p> <p>Describe the local system to which the Proposed Project relates. Include all relevant information about substations, transmission lines, and distribution circuits.</p>	<p>Section 3.0 Project Location Figure 3-1: Project Location Map Attachment 3-A: Detailed Project Components Map</p> <p>Section 3.0 Project Location Table 4.9-1: Existing and Designated Land Uses</p> <p>Section 3.0 Project Location Section 3.4 Project Components Section 3.5 Permanent Land/Right-of-Way Requirements</p> <p>Section 3.1 Existing System</p>
<b>3.2 Existing System</b>	<p>Provide a schematic diagram and map of the existing system.</p> <p>Provide a schematic diagram that illustrates the system as it would be configured with the implementation of the Proposed Project.</p> <p>Describe the whole of the Proposed Project. Is it an upgrade, a new line, new substations, etc.?</p> <p>Describe how the Proposed Project fits into the regional system. Does it create a loop for reliability, etc.?</p>	<p>Figure 3-4: Existing Transmission System Configuration Figure 3-6: Map of Existing and Proposed System</p> <p>Figure 3-5: Proposed Transmission System Configuration</p> <p>Section 3.4 Project Components Section 3.1 Existing System Section 3.2 Project Objectives</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.4 Proposed Project (cont.)</b></p>	<p>Describe all reasonably foreseeable future phases or other reasonably foreseeable consequences of the Proposed Project.</p> <p>Provide the capacity increase in megawatts (MW). If the Proposed Project does not increase capacity, state that.</p> <p>Provide geographic information system (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.</p>	<p>Section 3.4 Project Components</p> <p>Chapter 2 – Project Purpose and Need Section 3.3 Project Capacity</p> <p>A CD containing the relevant GIS data for the Proposed Project has been submitted under separate cover as part of this PEA package.</p>
<p><b>3.5 Project Components</b> <b>3.5.1 Transmission Line</b></p>	<p>Describe what type of line exists and what type of line is proposed (e.g., single-circuit, double-circuit, upgrade 69 kV to 115 kV).</p> <p>Identify the length of the upgraded alignment, the new alignment, etc.</p> <p>Describe whether construction would require one-for-one pole replacement, new poles, steel poles, etc.?</p> <p>Describe what would occur to other lines and utilities that may be collocated on the poles to be replaced (e.g., distribution, communication, etc.).</p>	<p>Section 3.4 Project Components</p> <p>Section 3.4 Project Components</p> <p>Section 3.4 Project Components</p> <p>Section 3.4 Project Components</p>
<p><b>3.5.2 Poles/Towers</b></p>	<p>Provide information for each pole/tower that would be installed and for each pole/tower that would be removed.</p> <p>Provide a unique identification number to match GIS database information.</p>	<p>Section 3.0.5 South Bay Substation Demolition</p> <p>Section 3.4 Project Components Attachment 3-A: Detailed Project Components Map Attachment 3-D: Transmission Pole Summary</p> <p>A CD containing the relevant GIS data, which includes unique identification numbers for poles, has been submitted under separate cover as part of this PEA package.</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.5.2 Poles/Towers (cont.)</b></p>	<p>Provide a structural diagram and, if available, photos of existing structure. Preliminary diagram or “typical” drawings and, if possible, photos of proposed structure. Also provide a written description of the most common types of structures and their use (e.g., tangent poles would be used when the run of poles continues in a straight line, etc.). Describe if the pole/tower design meets raptor safety requirements.</p>	<p>Section 3.4 Project Components Attachment 3-C: Typical Drawings Section 4.4.3 Impacts</p>
	<p>Provide the type of pole (e.g., wood, steel, etc.) or tower (e.g., self-supporting, lattice, etc.).</p>	<p>Section 3.4 Project Components Attachment 3-C: Typical Drawings Attachment 3-D: Transmission Pole Summary</p>
	<p>Identify typical total pole lengths, the approximate length to be embedded, and the approximate length that would be above ground surface; for towers, identify the approximate height above ground surface and approximate base footprint area.</p>	<p>Section 3.4 Project Components Section 3.6.5 Methods Attachment 3-C: Typical Drawings Attachment 3-D: Transmission Pole Summary</p>
	<p>Describe any specialty poles or towers; note where they would be used (e.g., angle structures, heavy angle lattice towers, stub guys, etc.); make sure to note if any guying would likely be required across a road.</p>	<p>Section 3.4 Project Components Section 3.6.5 Methods Attachment 3-C: Typical Drawings Attachment 3-D: Transmission Pole Summary</p>
	<p>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.</p>	<p>Section 3.4 Project Components</p>
	<p>Describe any special pole types (e.g., poles that require foundations, transition towers, switch towers, microwave towers, etc.) and any special features.</p>	<p>Section 3.4 Project Components Attachment 3-C: Typical Drawings Attachment 3-D: Transmission Pole Summary</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.5.3 Conductor/Cable</b>  <b>3.5.3.1 Above-Ground Installation</b></p>	<p>Describe the type of line to be installed on the poles/tower (e.g. single-circuit with distribution, double circuit, etc.).</p>	<p>Section 3.4 Project Components                      Table 3-2: Circuit Configuration and Conductor Data</p>
	<p>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.</p>	<p>Section 3.4 Project Components                      Table 3-2: Circuit Configuration and Conductor Data</p>
	<p>Provide the size and type of conductor (e.g., aluminum conductor, steel reinforced, non-specular, etc.) and insulator configuration.</p>	<p>Section 3.4 Project Components                      Section 3.6.5 Methods                      Attachment 3-C: Typical Drawings</p>
	<p>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.</p>	<p>Section 3.4 Project Components                      Table 3-12: Minimum Conductor Ground Clearance                      Attachment 3-C: Typical Drawings</p>
	<p>Provide the approximate span lengths between poles or towers, note where different if distribution is present or not if relevant.</p>	<p>Section 3.4 Project Components</p>
	<p>Determine whether other infrastructure would likely be collocated with the conductor (e.g., fiber optics, etc.); if so, provide conduit diameter of other infrastructure.</p>	<p>Section 3.4 Project Components</p>
<p><b>3.5.3.2 Below Ground Installation</b></p>	<p>Describe the type of line to be installed (e.g., single circuit cross-linked polyethylene-insulated solid-dielectric, copper-conductor cables).</p>	<p>Section 3.4 Project Components</p>
	<p>Describe the type of casing the cable would be installed in (e.g., concrete-encased duct bank system); provide the dimensions of the casing.</p>	<p>Section 3.4 Project Components                      Attachment 3-C: Typical Drawings</p>
	<p>Provide an engineering 'typical' drawing of the duct bank and describe what types of infrastructure would likely be installed within the duct bank (e.g., transmission, fiber optics, etc.).</p>	<p>Attachment 3-C: Typical Drawings</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
	<p>Provide “typical” plan and profile views of the proposed substation and the existing substation if applicable.</p>	<p>Figure 3-8: Bay Boulevard Substation Initial Arrangement                      Figure 3-9: Bay Boulevard Ultimate Arrangement                      Figure 3-10: Bay Boulevard Initial Profile View                      Figure 3-11: South Bay Substation Existing Arrangement</p>
<p><b>3.5.4 Substations</b></p>	<p>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. Include information such as, but not limited to: mobile substations, transformers, capacitors, and new lighting.</p>	<p>Section 3.4 Project Components                      Section 3.6.5 Methods</p>
	<p>Provide the approximate or “typical” dimensions (width and height) of new structures including engineering and design standards that apply.</p>	<p>Section 3.4 Project Components                      Section 3.6.5 Methods                      Attachment 3-C: Typical Drawings</p>
	<p>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?</p>	<p>Section 3.0 Project Location                      Section 3.4 Project Components                      Section 3.5 Permanent Land and Right-of-Way Requirements                      Figure 3-7: Bay Boulevard Substation Temporary and Permanent Impact Areas</p>
	<p>Describe the electrical need area served by the distribution substation.</p>	<p>Chapter 2 – Project Purpose and Need                      Section 3.2 Project Objectives                      Section 3.5 Permanent Land and Right-of-Way Requirements</p>
<p><b>3.6 Right-of-Way Requirements</b></p>	<p>Describe the ROW location, ownership, and width. Would the existing ROW be used or would new ROW be required?</p>	<p>Section 3.5 Permanent Land and Right-of-Way Requirements</p>



Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.6 Right-of-Way Requirements (cont.)</b></p>	<p>If a new ROW is required, describe how it would be acquired and approximately how much land would be required (length and width).</p> <p>List the properties likely to require acquisition.</p>	<p>Section 3.5 Permanent Land and Right-of-Way Requirements</p> <p>A list of properties to be acquired has been submitted under separate cover.</p>
<p><b>3.7 Construction</b>  <b>3.7.1 For All Projects</b>  <b>3.7.1.1 Staging Areas</b></p>	<p>Where would the main staging area(s) likely be located?</p> <p>Approximately how large would the main staging area(s) be?</p> <p>Describe any site preparation required, if known, or generally describe what might be required (i.e., vegetation removal, new access road, installation of rock base, etc.).</p> <p>Describe what the staging area would be used for (i.e., material and equipment storage, field office, reporting location for workers, parking area for vehicles and equipment, etc.).</p> <p>Describe how the staging area would be secured; would a fence be installed? If so, describe the type and extent of the fencing.</p> <p>Describe how power to the site would be provided if required (i.e., tap into existing distribution, use of diesel generators, etc.).</p> <p>Describe any grading activities and/or slope stabilization issues.</p>	<p>Section 3.6.0 Staging Areas                      Section 3.6.1 Fly Yard                      Section 3.6.2 Work Areas                      Attachment 3-A: Detailed Project Components Map                      Figure 3-12: Staging Areas</p> <p>Section 3.6.0 Staging Areas</p> <p>Section 3.6.0 Staging Areas                      Section 3.6.1 Fly Yard                      Section 3.6.2 Work Areas</p> <p>Section 3.6.0 Staging Areas                      Section 3.6.1 Fly Yard                      Section 3.6.2 Work Areas</p> <p>Section 3.6.0 Staging Areas                      Section 3.6.1 Fly Yard                      Section 3.6.2 Work Areas</p> <p>Section 3.6.0 Staging Areas</p> <p>Section 3.6.5 Methods</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.1.2 Work Areas</b></p>	<p>Describe known work areas that may be required for specific construction activities (i.e., pole assembly, hill side construction, etc.).</p>	<p>Section 3.6.0 Staging Areas Section 3.6.1 Fly Yard Section 3.6.2 Work Areas</p>
	<p>For each known work area, provide the area required (include length and width) and describe the types of activities that would be performed.</p>	<p>Section 3.6.0 Staging Areas Section 3.6.1 Fly Yard Section 3.6.2 Work Areas Table 3-6: Temporary Workspace Required</p>
	<p>Identify the approximate location of known work areas in the GIS database.</p>	<p>Attachment 3-A: Detailed Project Components Map A CD containing the relevant GIS data for the work areas has been submitted under separate cover as part of this PEA package.</p>
	<p>Describe how the work areas would likely be accessed (e.g., construction vehicles, walk-in, helicopter, etc.).</p>	<p>Section 3.6.1 Fly Yard Section 3.6.2 Work Areas</p>
	<p>If any site preparation is likely required, generally describe what and how it would be accomplished.</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe any grading activities and/or slope stabilization issues.</p>	<p>Section 3.6.5 Methods</p>
	<p>Based on the information provided, describe how the site would be restored.</p>	<p>Section 3.6.5 Methods</p>
<p><b>3.7.1.3 Access Roads and/or Spur Roads</b></p>	<p>Describe the types of roads that would be used and/or would need to be created to implement the Proposed Project. Road types may include, but are not limited to: new permanent road; new temporary road; existing road that would have permanent improvements; existing road that would have temporary improvements; existing paved road; existing dirt/gravel road; and overland access.</p>	<p>Section 3.6.3 Access</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.1.3 Access Roads and/or Spur Roads (cont.)</b></p>	<p>For road types that require preparation, describe the methods and equipment that would be used.</p>	<p>Section 3.6.5 Methods Section 3.6.6 Construction Equipment and Personnel Attachment 3-B: Construction Equipment Summary</p>
	<p>Identify approximate location of all access roads (by type) in the GIS database.</p>	<p>A CD containing the relevant GIS data for the Proposed Project has been submitted under separate cover as part of this PEA package.</p>
	<p>Describe any grading activities and/or slope stabilization issues.</p>	<p>Section 3.6.5 Methods</p>
	<p>Identify which proposed poles/towers would be removed and/or installed using a helicopter.</p>	<p>Section 3.6.5 Methods</p>
	<p>If different types of helicopters are to be used, describe each type (e.g., light, heavy, or sky crane) and what activities they would be used for.</p>	<p>Section 3.6.5 Methods</p>
<p><b>3.7.1.4 Helicopter Access</b></p>	<p>Provide information as to where the helicopters would be staged, where they would refuel, and where they would land within the Proposed Project site.</p>	<p>Section 3.6.5 Methods Section 3.6.1 Fly Yard</p>
	<p>Describe any Best Management Practices (BMPs) that would be employed to avoid impacts caused by use of helicopters, for example: air quality and noise considerations.</p>	<p>Section 3.6.5 Methods Section 3.6.4 Erosion and Sediment Control During Construction Table 3-18: Applicant-Proposed Measures</p>
	<p>Describe flight paths, payloads, hours of operations for known locations, and work types.</p>	<p>Section 3.6.1 Fly Yard Section 3.6.5 Methods</p>
<p><b>3.7.1.5 Vegetation Clearance</b></p>	<p>Describe the types of vegetation clearing that may be required (e.g., tree removal, brush removal, flammable fuels removal) and why (e.g., to provide access, etc.).</p>	<p>Section 3.6.5 Methods</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.1.5 Vegetation Clearance (cont.)</b></p>	<p>Identify the preliminary location and provide an approximate area of disturbance in the GIS database for each type of vegetation removal.</p>	<p>Section 3.6.5 Methods                      Section 4.3.3 Impacts                      Table 4.4-4: Vegetation Community Temporary Impacts in Acres                      Table 4.4-4: Vegetation Community Permanent Impacts in Acres                      Figure 4.4-2: Vegetation Communities Map                      A CD containing the relevant GIS data for the Proposed Project has been submitted under separate cover as part of this PEA package.</p>
	<p>Describe how each type of vegetation removal would be accomplished.</p>	<p>Section 3.6.5 Methods</p>
	<p>For removal of trees, distinguish between tree trimming as required under GO-95 and tree removal.</p>	<p>No trees would be removed as part of the Project.</p>
	<p>Describe the types and approximate number and size of trees that may need to be removed.</p>	<p>No trees would be removed as part of the Project.</p>
	<p>Describe the type of equipment typically used.</p>	<p>Section 3.6.5 Methods                      Section 3.6.6 Construction Equipment and Personnel                      Attachment 3-B: Construction Equipment Summary</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.1.6 Erosion and Sediment Control and Pollution Prevention during Construction</b></p>	<p>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 one acre, outline the BMPs that would be implemented to manage surface runoff. Things to consider include, but are not limited to: Erosion and sedimentation BMPs, vegetation removal and restoration, and/or hazardous waste, and spill prevention plans.</p> <p>Describe any grading activities and/or slope stabilization issues.</p> <p>Describe how construction waste (i.e., refuse, spoils, trash, oil, fuels, poles, pole structures, etc.) would be disposed.</p> <p>Describe how cleanup and post-construction restoration would be performed (i.e., personnel, equipment, and methods). Things to consider, but are not limited to, restoration of natural drainage patterns, wetlands, vegetation, and other disturbed areas (i.e., staging areas, access roads, etc.).</p>	<p>3.6.4 Erosion and Sediment Control and Pollution Prevention during Construction Section 3.6.5 Methods Section 3.8: Anticipated Permits and Approvals Table 3-17: Permit, Approval, and Consultation Requirements Table 3-18: Applicant-Proposed Measures</p> <p>Section 3.6.5 Methods</p> <p>Section 3.6.5 Methods</p>
<p><b>3.7.1.7 Cleanup and Post-Construction Restoration</b></p>	<p>Describe how cleanup and post-construction restoration would be performed (i.e., personnel, equipment, and methods). Things to consider, but are not limited to, restoration of natural drainage patterns, wetlands, vegetation, and other disturbed areas (i.e., staging areas, access roads, etc.).</p>	<p>Section 3.6.5 Methods</p>
<p><b>3.7.2 Transmission Line Construction (Above Ground)</b> <b>3.7.2.1 Pull and Tension Sites</b></p>	<p>Provide the general or average distance between pull and tension sites.</p> <p>Provide the area of pull and tension sites including the estimated length and width.</p>	<p>Section 3.6.2 Work Areas Section 3.6.5 Methods Attachment 3-A: Detailed Project Components Map</p> <p>Section 3.6.2 Work Areas Section 3.6.5 Methods</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.2 Transmission Line Construction (Above Ground)</b>  <b>3.7.2.1 Pull and Tension Sites (cont.)</b></p>	<p>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.</p> <p>Describe the type of equipment that would be required at these sites.</p>	<p>Section 3.6.2 Work Areas                      Section 3.6.5 Methods                      Attachment 3-A: Detailed Project Components Map                      A CD containing the relevant GIS data for the Proposed Project has been submitted under separate cover as part of this PEA package.</p> <p>Section 3.6.5 Methods                      Section 3.6.6 Construction Equipment and Personnel                      Table 3-8: Access Road Construction Equipment                      Attachment 3-B: Construction Equipment Summary</p>
<p><b>3.7.2.2 Pole Installation and Removal</b></p>	<p>If conductor is being replaced, describe how it would be removed from the site.</p> <p>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.</p> <p>Describe the process of removing the poles and foundations.                      Describe what happens to the holes that the poles were in (i.e., reused or backfilled)?</p>	<p>Section 3.6.5 Methods</p> <p>Section 3.6.3 Access                      Section 3.6.5 Methods                      Section 3.6.6 Construction Equipment and Personnel                      Table 3-8: Access Road Construction Equipment                      Attachment 3-B: Construction Equipment Summary</p> <p>Section 3.6.5 Methods                      Section 3.6.5 Methods</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.2.2 Pole Installation and Removal (cont.)</b></p>	<p>If the holes are to be backfilled, what type of fill would be used and where would it come from?</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe any surface restoration that would occur at the pole sites.</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe how the poles would be removed from the sites.</p>	<p>Section 3.6.5 Methods</p>
	<p>If topping is required to remove a portion of an existing transmission 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.</p>	<p>No topping of transmission poles is proposed for this Project.</p>
	<p>Describe the process of how the new poles/towers would be installed; specifically identify any special construction methods (e.g., helicopter installation) for specific locations or for different types of poles/towers.</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe the types of equipment and their use as related to pole/tower installation.</p>	<p>Section 3.6.5 Methods                      Section 3.6.6 Construction Equipment and Personnel                      Attachment 3-B: Construction Equipment Summary</p>
	<p>Describe the actions taken to maintain a safe work environment during construction (e.g., covering of holes/excavation pits, etc.).</p> <p>Describe what would be done with soil that is removed from a hole/foundation site.</p>	<p>Section 3.4 Project Components                      Section 3.6.3 Access                      Section 3.6.5 Methods                      Section 3.6.5 Methods</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.2.2 Pole Installation and Removal (cont.)</b></p>	<p>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.</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe briefly how poles/towers and associated hardware are assembled.</p>	<p>Section 3.6.5 Methods</p>
	<p>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?</p>	<p>Section 3.6.5 Methods</p>
	<p>Provide the following information about pole/tower installation and associated disturbance area estimates; pole diameter for each pole type (e.g., wood, self-supporting steel, lattice, etc.), base dimensions for each pole type, auger hole depth for each pole type, permanent footprint per pole/tower, number of poles/towers by pole type, average work area around poles/towers by pole type (e.g., for old pole removal and new pole installation), and total permanent footprint for poles/towers.</p>	<p>Section 3.6.5 Methods                      Figure 3-7: Bay Boulevard Substation Temporary and Permanent Impact Areas                      Table 3-10: Steel Pole Foundation Summary                      Attachment 3-C: Typical Drawing                      Attachment 3-D: Transmission Pole Summary</p>
<p><b>3.7.2.3 Conductor/Cable Installation</b></p>	<p>Provide a process-based description of how new conductor/cable would be installed and how old conductor/cable would be removed, if applicable.</p>	<p>Section 3.6.5 Methods</p>
	<p>Generally describe the conductor/cable splicing process.</p>	<p>Section 3.6.5 Methods</p>
	<p>If vaults are required, provide their dimensions and approximate location/spacing along the alignment.</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe in what areas conductor/cable stringing/installation activities would occur.</p>	<p>Section 3.6.5 Methods                      Section 3.6.2 Work Areas                      Attachment 3-A: Detailed Project Components Map</p>



Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
3.7.2.3 Conductor/Cable Installation (cont.)	Describe any safety precautions or areas where special methodology would be required (e.g., crossing roadways, stream crossing, etc.).	Section 3.6.5 Methods
3.7.3 Transmission Line Construction (Below Ground) 3.7.3.1 Trenching	Describe the approximate dimensions of the trench (e.g., depth, width).	Section 3.6.5 Methods
	Describe the methodology of making the trench (e.g., saw cutter to cut the pavement, backhoe to remove, etc.).	Section 3.6.5 Methods Attachment 3-C: Typical Drawings
	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 3.6.5 Methods
	Provide off-site disposal location, if known, or describe possible option(s).	Section 3.6.5 Methods
	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 (e.g., top two feet would be filled with thermal-select backfill).	Section 3.6.5 Methods
	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 3.6.5 Methods
	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 3.6.5 Methods
If pre-existing hazardous waste was encountered, describe the process of removal and disposal.	Section 3.6.5 Methods Section 4.7.3 Impacts	

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.3 Transmission Line Construction (Below Ground)</b>  <b>3.7.3.1 Trenching (cont.)</b></p>	<p>Describe any standard BMPs that would be implemented.</p>	<p>Section 3.6.5 Methods                      Section 3.6.4 Erosion and Sediment Control and Pollution Prevention During Construction                      Table 3-18: Applicant-Proposed Measures</p>
<p><b>3.7.3.2 Trenchless Techniques: Microtunnel, Bore and Jack, Horizontal Directional Drilling</b></p>	<p>Provide the approximate location of the sending and receiving pits.</p>	<p>Section 3.6.5 Methods</p>
	<p>Provide the length, width and depth of the sending and receiving pits.</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe the methodology of excavating and shoring the pits.</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe the methodology of the trenchless technique.</p>	<p>Section 3.6.5 Methods</p>
	<p>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.</p>	<p>Section 3.6.5 Methods</p>
	<p>Describe the process for safe handling of drilling mud and bore lubricants.</p>	<p>Horizontal directional drilling is not proposed as part of the Project.</p>
	<p>Describe the process for detecting and avoiding “fracturing-out” during horizontal directional drilling operations.</p>	<p>Horizontal directional drilling is not proposed as part of the Project.</p>
	<p>Describe the process for avoiding contact between drilling mud/lubricants and stream beds.</p>	<p>Horizontal directional drilling is not proposed as part of the Project.</p>
<p>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 (e.g., top two feet would be filled with thermal-select backfill).</p>	<p>Section 3.6.5 Methods</p>	
<p>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.</p>	<p>Section 3.6.5 Methods</p>	

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.3.2 Trenchless Techniques: Microtunnel, Bore and Jack, Horizontal Directional Drilling (cont.)</b></p>	<p>Describe the process for testing excavated soil or groundwater for the presence of pre-existing environmental contaminants.</p> <p>If a pre-existing hazardous waste was encountered, describe the process of removal and disposal.</p> <p>Describe any grading activities and/or slope stabilization issues.</p> <p>Describe any standard BMPs that would be implemented.</p>	<p>Section 4.7 Hazards and Hazardous Materials</p> <p>Section 4.7 Hazards and Hazardous Materials</p> <p>Section 3.6.5 Methods</p> <p>Section 3.6.5 Methods</p> <p>Section 3.6.4 Erosion and Sediment Control and Pollution Prevention During Construction</p> <p>Table 3-18: Applicant-Proposed Measures</p>
<p><b>3.7.4 Substation Construction</b></p>	<p>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.</p> <p>Provide a conceptual landscape plan in consultation with the municipality in which the substation is located.</p> <p>Describe any grading activities and/or slope stabilization issues.</p> <p>Describe possible relocation of commercial or residential property, if any.</p> <p>Provide the estimated number of construction crew members.</p>	<p>Section 3.6.5 Methods</p> <p>Section 3.6.5 Methods</p> <p>Figure 4.1–6: Preliminary Landscape Concept</p> <p>Section 3.6.5 Methods</p> <p>No commercial or residential properties would be relocated as part of the Proposed Project.</p> <p>Section 3.7.5 Personnel</p> <p>Table 3-14: Peak Construction Personnel</p>
<p><b>3.7.5 Construction Workforce and Equipment</b></p>	<p>Describe the crew deployment, whether crews would work concurrently (i.e., multiple crews at different sites), if they would be phased, etc.</p>	<p>Section 3.6.5 Methods</p> <p>Section 3.6.6 Construction Equipment and Personnel</p> <p>Table 3-15: Proposed Construction Schedule</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>3.7.5 Construction Workforce and Equipment (cont.)</b></p>	<p>Describe the different types of activities to be undertaken during construction, the number of crew members for each activity (i.e., trenching, grading, etc.), and the number and types of equipment expected to be used for said activity. Include a written description of the activity.</p>	<p>Section 3.6.5 Methods Section 3.6.6 Construction Equipment and Personnel Table 3-6: Construction Schedule Table 3-15: Proposed Construction Schedule Attachment 3-B: Construction Equipment Summary</p>
<p><b>3.7.6 Construction Schedule</b></p>	<p>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.</p>	<p>Section 3.6.5 Methods Section 3.6.6 Construction Equipment and Personnel Attachment 3-B: Construction Equipment Summary</p>
<p><b>3.7.6 Construction Schedule</b></p>	<p>Provide a preliminary project construction schedule; include contingencies for weather, wildlife closure periods, etc.</p>	<p>Table 3-16: Proposed Construction Schedule</p>
<p><b>3.8 Operation and Maintenance</b></p>	<p>Describe the general system monitoring and control (i.e., use of standard monitoring and protection equipment, use of circuit breakers and other line relay protection equipment, etc.).  Describe the general maintenance program of the Proposed Project including timing of inspections (i.e., monthly, every July, as needed), type of inspection (i.e., aerial inspection, ground inspection), and a description of how the inspection would be implemented. Things to consider: who/how many crew members, how would they access the site (i.e., walk to site, vehicle, all terrain vehicle), would new access be required, would restoration be required, etc.).</p>	<p>Section 3.7 Operation and Maintenance  Section 3.7 Operation and Maintenance</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<b>3.8 Operation and Maintenance (cont.)</b>	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 No new full time staff would be required for operation and/or maintenance of the Proposed Project.
<b>3.9 Applicant-Proposed Measures</b>	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 3.9 Environmental Standards and Applicant-Proposed Measures Table 3-18: Applicant-Proposed Measures Section 4.3.4: Applicant-Proposed Measures
<b>Chapter 4 – Environmental Setting</b>		
	For each resource area discussion within the PEA, include a description of the physical environment in the vicinity of the Proposed Project (e.g., topography, land use patterns, biological environment, etc.), including the local environment (site-specific) and regional environment.	Section X.X.2 under each resource area provides a discussion of both the physical environment in the vicinity of the Proposed Project and the regulatory environment.
	For each resource area discussion within the PEA, include a description of the regulatory environment/context (federal, state, and local).	Section X.X.2 under each resource area provides a discussion of both the physical environment in the vicinity of the Proposed Project and the regulatory environment.
<b>Chapter 5 – Environmental Impact Assessment Summary</b>		
<b>5.1 Aesthetics</b>	Provide visual simulations of prominent public view locations, including scenic highways, to demonstrate the views before and after project implementation. Additional simulations are highly recommended.	Figure 4.1-3: Visual Simulation – Viewpoint 1 Figure 4.1-4: Visual Simulation – Viewpoint 2 Figure 4.1-5: Visual Simulation – Viewpoint 3
<b>5.2 Agriculture Resources</b>	Identify the types of agricultural resources affected.	Section 4.2.3 Impacts No agricultural resources would be affected by the Proposed Project.

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>5.3 Air Quality</b></p>	<p>Provide supporting calculations/spreadsheets/technical reports that support emission estimates in the PEA.</p>	<p>Table 4.3-7: Peak Daily Mitigated Construction Emissions                      Table 4.3-8: GHG Emissions from Construction                      Table 4.3-9: CO<sub>2</sub>E GHG Emissions from Construction</p>
	<p>Provide documentation of the location and types of sensitive receptors that could be impacted by the Project (e.g., schools, hospitals, houses, etc.). Critical distances to receptors is dependent on type of construction activity.</p>	<p>Section 4.3.2 Existing Conditions                      Section 4.3.3 Impacts                      Figure 4.9-1: Land Use Map</p>
	<p>Identify Proposed Project GHG emissions.</p>	<p>Section 4.3.3 Impacts                      Table 4.3-8: GHG Emissions from Construction                      Table 4.3-9: CO<sub>2</sub>E GHG Emissions from Construction</p>
	<p>Quantify GHG emissions from a business as usual snapshot. That is, what the GHG emissions will be from the Proposed Project if no mitigations were used.</p>	<p>Section 4.3.3 Impacts</p>
	<p>Quantify GHG emission reductions from every APM that is implemented. The quantifications will be itemized and placed in tabular format.</p>	<p>Proposed Project emissions were modeled based on GHG APMs that reflect a business-as-usual scenario, so quantification of reductions by APM was not conducted.</p>
	<p>Identify the net emissions of the Proposed Project after mitigation have been applied.</p>	<p>Section 4.3.3 Impacts</p>
	<p>Calculate and quantify GHG emissions (CO<sub>2</sub> equivalent) for the Proposed Project, including construction and operation.</p>	<p>Section 4.3.3 Impacts</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>5.3 Air Quality (cont.)</b></p>	<p>Calculate and quantify the GHG reduction based on reduction measures proposed for the Proposed Project.</p>	<p>Proposed Project emissions were modeled based on GHG APMs that reflect a business-as-usual scenario, so quantification of reductions by APM was not conducted.</p>
	<p>Propose APMs to implement and follow to maximize GHG reductions. If sufficient, CPUC will accept them without adding further mitigation measures.</p>	<p>Section 4.3.4 Applicant-Proposed Measures</p>
	<p>Discuss programs already in place to reduce GHG emissions on a system-wide level. This includes the Applicant's voluntary compliance with the United States (U.S.) Environmental Protection Agency (EPA) SF<sub>6</sub> reduction program, reductions from energy efficiency, demand response, long-term procurement plan, et.al.</p>	<p>Section 4.3.2 Existing Conditions Section 4.3.4 Applicant-Proposed Measures</p>
<p><b>5.4 Biological Resources</b></p>	<p>Ensure that the assessment of air quality impacts is 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.</p>	<p>Section 4.3.2 Impacts Table 4.3-7: Peak Daily Mitigated Construction Emissions Table 4.3-8: GHG Emissions from Construction Table 4.3-9: CO<sub>2</sub>E GHG Emissions from Construction</p>
	<p>Provide a copy of the Wetland Delineation and supporting documentation (i.e., data sheets). If verified, provide supporting documentation. Additionally, GIS data of the wetland features should be provided as well.</p>	<p>Attachment 4.4-B: Preliminary Wetland Delineation Report A CD containing the relevant GIS data for the Proposed Project has been submitted under separate cover as part of this PEA package.</p>
	<p>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.</p>	<p>A CD containing the relevant GIS data for the Proposed Project has been submitted under separate cover as part of this PEA package.</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>5.5 Cultural Resources</b></p>	<p>Cultural Resources Report documenting a cultural resources investigation of the Proposed Project. This report should include a literature search, pedestrian survey, and Native American consultation.</p>	<p>The Cultural Resources Technical Report has been submitted under separate cover due to its confidential nature.</p>
	<p>Provide a copy of the records found in the literature search.</p>	<p>The cultural records found during the literature search have been submitted under separate cover due to their confidential nature.</p>
	<p>Provide a copy of all letters and documentation of Native American consultation.</p>	<p>Attachment 4.5-B: NAHC Correspondence</p>
<p><b>5.6 Geology, Soils, and Seismic Potential</b></p>	<p>Provide a copy of the geotechnical investigation if completed, including known and potential geologic hazards such as ground shaking, subsidence, liquefaction, etc.</p>	<p>Attachment 4.6-A: Geotechnical Investigation</p>
<p><b>5.7 Hazards and Hazardous Materials</b></p>	<p>Include an Environmental Data Resources report.</p>	<p>Section 4.7.3 Impacts Table 4.7-1: Bay Boulevard Substation Site EDR Results Table 4.7-2: Existing South Bay Substation Site EDR Results Attachment 4.7-A: Phase I Environmental Site Assessments</p>
	<p>Include a Hazardous Substance Control and Emergency Response Plan, if required.</p>	<p>Section 4.7.3 Impacts Section 4.7.4 Applicant-Proposed Measures</p>
	<p>Include a Health and Safety Plan, if required.</p>	<p>Section 4.7.3 Impacts Section 4.7.4 Applicant-Proposed Measures</p>
	<p>Describe the Worker Environmental Awareness Program.</p>	<p>Section 4.7.3 Impacts Section 4.7.4 Applicant-Proposed Measures</p>



Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<b>5.7 Hazards and Hazardous Materials (cont.)</b>	Describe which chemicals would be used during construction and operation of the Proposed Project. For example, fuels for construction, naphthalene to treat wood poles before installation, etc.	Section 4.7.3 Impacts Table 4.7-3: Hazardous Materials Typically Used for Construction
<b>5.8 Hydrology and Water Quality</b>	Describe impacts to groundwater quality including increased runoff due to construction of impermeable surfaces, etc.  Describe impacts to surface water quality including the potential for accelerated soil erosion, downstream sedimentation, and reduced surface water quality.	Section 4.8.3 Impacts  Section 4.8.3 Impacts
<b>5.9 Land Use and Planning</b>	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.	The property owner information has been submitted under separate cover due to its confidential nature.
<b>5.10 Mineral Resources</b>	Data needs already specified under Chapter 3 would generally meet the data needs for this resource area.	Not Applicable
<b>5.11 Noise</b>	Provide long-term noise estimates for operational noise (e.g., corona discharge noise, and station sources such as substations, etc.).	Section 4.10.3 Impacts Figure 4.10-3: Bay Boulevard Substation Operational Noise Contours Attachment 4.10-B: Noise Study for the South Bay Relocated 230/69/12 KV Substation
<b>5.12 Population and Housing</b>	Data needs already specified under Chapter 3 would generally meet the data needs for this resource area.	Not Applicable
<b>5.13 Public Services</b>	Data needs already specified under Chapter 3 would generally meet the data needs for this resource area.	Not Applicable
<b>5.14 Recreation</b>	Data needs already specified under Chapter 3 would generally meet the data needs for this resource area.	Not Applicable

<b>Location in CPUC Checklist</b>	<b>Checklist Item</b>	<b>Location in PEA and Any Associated Notes</b>
<p><b>5.15 Transportation and Traffic</b></p>	<p>Discuss traffic impacts resulting from construction of the Proposed Project including ongoing maintenance operations.</p> <p>Provide a preliminary description of the traffic management plan that would be implemented during construction of the Proposed Project.</p>	<p>Section 4.14.3 Impacts</p> <p>Encroachment permits from local and state jurisdictional agencies would provide guidance on required traffic management measures. It is expected that a Project-specific Traffic Management Plan would be required as part of the encroachment permit submittals.</p>
<p><b>5.16 Utilities and Services Systems</b></p>	<p>Describe how treated wood poles would be disposed of after removal, if applicable.</p>	<p>Section 4.15.3 Impacts</p>
<p><b>5.17 Cumulative Analysis</b></p>	<p>Provide a list of projects (i.e., past, present, and reasonably foreseeable future projects) within the Proposed Project area that the applicant is involved in.</p> <p>Provide a list of projects that have the potential to be proximate in space and time to the Proposed Project. Agencies to be contacted include, but are not limited to, the local planning agency, Caltrans, etc.</p> <p>Provide information on the Proposed Project’s growth-inducing impacts, if any.</p>	<p>Table 4.16-1: Planned and Proposed Projects within One Mile</p> <p>Table 4.16-1: Planned and Proposed Projects within One Mile</p>
<p><b>5.18 Growth-Inducing Impacts, If Significant</b></p>	<p>Provide information on any economic or population growth in the surrounding environment that will, directly or indirectly, result from the Proposed Project.</p> <p>Provide information on any increase in population that could further tax existing community service facilities (e.g., schools, hospitals, fire, police, etc.), that will directly or indirectly result from the Proposed Project.</p>	<p>Section 5.3 Growth Inducing Impacts</p> <p>Section 4.11.3 Impacts</p> <p>Section 4.12.3 Impacts</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>5.18 Growth-Inducing Impacts, If Significant (cont.)</b></p>	<p>Provide information on any obstacles to population growth that the Proposed Project would remove.</p> <p>Describe any other activities, directly or indirectly encouraged or facilitated by the Proposed Project, that would cause population growth that could significantly affect the environment, either individually or cumulatively.</p>	<p>Section 5.3 Growth Inducing Impacts Section 4.11.3 Impacts Section 4.12.3 Impacts</p>
<p><b>Chapter 6 – Detailed Discussion of Significant Impacts</b></p>		
<p><b>6.1 Mitigation Measures Proposed to Minimize Significant Effects</b></p>	<p>Discuss each mitigation measure and the basis for selecting a particular mitigation measure should be stated.</p>	<p>Table 3-18: Applicant-Proposed Measures</p>
<p><b>6.2 Description of Project Alternatives and Impact Analysis</b></p>	<p>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.</p> <p>Alternatives considered and described by the Applicant should include, as appropriate, system or facility alternatives, route alternatives, route variations, and alternative locations.</p> <p>Include a description of a “No Project Alternative” should be included.</p>	<p>Section 5.2 Description of Project Alternatives and Impact Analysis Section 5.2.4 System Alternatives Section 5.2.5 Substation Site Alternatives Table 5-1: Alternatives Considered Table 5-2: Alternative Site Comparison Summary</p> <p>Section 5.2 Description of Project Alternatives and Impact Analysis Section 5.2.4 System Alternatives Section 5.2.5 Substation Site Alternatives Table 5-1: Alternative Substation Sites</p> <p>Section 5.2.3 No Project Alternative</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>6.2 Description of Project Alternatives and Impact Analysis (cont.)</b></p>	<p>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.</p>	<p>No significant environmental effects are anticipated after implementation of the APMs.</p>
<p><b>6.3 Growth-Inducing Impacts</b></p>	<p>Discuss if the Proposed Project would foster economic or population growth, either directly or indirectly, in the surrounding environment.</p> <p>Discuss if the Proposed Project would cause an increase in population that could further tax existing community services (e.g., schools, hospitals, fire, police, etc.).</p> <p>Discuss if the Proposed Project would remove obstacles to population growth.</p> <p>Discuss if the Proposed Project would encourage and facilitate other activities that would cause population growth that could significantly affect the environment, either individually or cumulatively.</p>	<p>Section 5.3 Growth-Inducing Impacts</p> <p>Section 5.3 Growth-Inducing Impacts</p> <p>Section 5.3 Growth-Inducing Impacts</p> <p>Section 5.3 Growth-Inducing Impacts</p>
<p><b>6.4 Suggested Applicant-Proposed Measures to address GHG Emissions</b></p>	<p>Include a menu of suggested APMs that applicants can consider to address GHG emissions. Suggested APMs include, but are not limited to:</p> <ol style="list-style-type: none"> <li>1. If suitable park-and-ride facilities are available in the Project vicinity, construction workers will be encouraged to carpool to the job site to the extent feasible. The ability to develop an effective carpool program for the Proposed Project would depend upon the proximity of carpool facilities to the job site, the geographical</li> </ol>	<p>Section 4.3.4 Applicant-Proposed Measures</p> <p>A selection of these measures was included to reduce GHG emissions.</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>6.4 Suggested Applicant-Proposed Measures to address GHG Emissions (cont.)</b></p>	<p>commute departure points of construction workers, and the extent to which carpooling would not adversely affect worker show-up time and the Project’s construction schedule.</p> <p>2. To the extent feasible, unnecessary construction vehicle and idling time will be minimized. The ability to limit construction vehicle idling time is dependent upon the sequence of construction activities and when and where vehicles are needed or staged. Certain vehicles, such as large diesel powered vehicles, have extended warm-up. To the extent feasible, unnecessary construction vehicle and idling time will be minimized. The ability to limit construction vehicle idling time is dependent upon the sequence of construction activities and when and where vehicles are needed or staged. Certain vehicles, such as large diesel powered vehicles, have extended warm-up times following start-up that limit their availability for use following startup. Where such diesel powered vehicles are required for repetitive construction tasks, these vehicles may require more idling time. The Proposed Project will apply a “common sense” approach to vehicle use; if a vehicle is not required for use immediately or continuously for construction activities, its engine will be shut off. Construction foremen will include briefings to crews on vehicle use as part of pre-construction conferences. Those briefings will include discussion of a “common sense” approach to vehicle use.</p> <p>3. Use low-emission construction equipment. Maintain construction equipment per manufacturing specifications and use low-emission equipment described here. All offroad construction diesel engines not registered under the California Air Resources Board (CARB) Statewide</p>	<p>Section 4.3.4 Applicant-Proposed Measures A selection of these measures was included to reduce GHG emissions.</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>6.4 Suggested Applicant-Proposed Measures to address GHG Emissions (cont.)</b></p>	<p>Portable Equipment Registration Program shall meet at a minimum the Tier 2 California Emission Standards for Off-Road Compression-Ignition Engines as specified in California Code of Regulations, Title 13, Sec. 2423(b)(1).</p> <p>4. Diesel Anti-Idling: In July 2004, the CARB adopted a measure to limit diesel-fueled commercial motor vehicle idling.</p> <p>5. Alternative Fuels: CARB would develop regulations to require the use of one to four percent biodiesel displacement of California diesel fuel.</p> <p>6. Alternative Fuels: Ethanol, increased use of ethanol fuel</p> <p>7. Green Buildings Initiative.</p> <p>8. Facility wide energy efficiency audit.</p> <p>9. Complete GHG emissions audit. The audit will include a review of the GHG emitted from those facilities (substations), including carbon dioxide, methane, CFC, and HFC compounds (SF6).</p> <p>10. There is an EPA approved SF6 emissions protocol (<a href="http://www.epa.gov/electricpowersf6/resources/index.html#three">http://www.epa.gov/electricpowersf6/resources/index.html#three</a>).</p> <p>11. SF6 program wide inventory. For substations, keep inventory of leakage rates.</p> <p>12. Increase replacement of breakers once leakage rates exceed one percent within 30 days of detection.</p> <p>13. Increased investment in current programs that can be verified as being in addition to what the utility is already doing.</p> <p>The SF6 Emission Reduction Partnership for the Electric Power Systems was launched in 1999 and currently includes 57 electric utilities and local governments across</p>	<p>Section 4.3.4 Applicant-Proposed Measures</p> <p>A selection of these measures was included to reduce GHG emissions.</p>

Location in CPUC Checklist	Checklist Item	Location in PEA and Any Associated Notes
<p><b>6.4 Suggested Applicant-Proposed Measures to address GHG Emissions (cont.)</b></p>	<p>the U.S. of applications, including that of dielectric insulating material in electrical transmission and distribution equipment, such as circuit breakers. Electric power systems that join the Partnership must, within 18 months, establish an emission reduction goal reflecting technically and economically feasible opportunities within their company. They also agree to, within the constraints of economic and technical feasibility, estimate their emissions of SF6, establish a strategy for replacing older, leakier pieces of equipment, implement SF6 recycling, establish and apply proper handling techniques, and report annual emissions to the EPA. The EPA works as a clearinghouse for technical information, works to obtain commitments from all electric power system operators and will be sponsoring an international conference in 2000 on SF6 emission reductions.</p> <p>14. Quantify what comes into the system and track programmatically SF6.</p> <p>15. Applicant can propose other GHG reducing mitigations.</p>	<p>Section 4.3.4 Applicant-Proposed Measures A selection of these measures was included to reduce GHG emissions.</p>
<p><b>Chapter 7: Other Process-Related Data Needs</b></p>		
<p><b>Noticing</b></p>	<p>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.</p>	<p>The property owner information has been submitted under separate cover due to its confidential nature.</p>





**ATTACHMENT 1-A: LETTERS OF SUPPORT**



Via US Mail and email to [mturley@semprautilities.com](mailto:mturley@semprautilities.com)

June 10, 2010

Ms. Mary Turley  
San Diego Gas & Electric Company  
8315 Century Park Court – CP21C  
San Diego, CA 92123

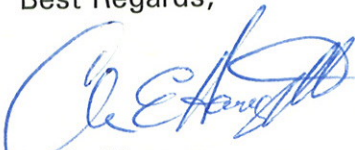
Dear Ms. Turley:

On behalf of the San Diego Unified Port District we wish to express our enthusiastic support for the proposed South Bay Substation Relocation Project.

The relocation of the existing substation is a necessary prerequisite for implementing the Chula Vista Bayfront Master Plan. We are eager to have the substation relocated so that the Port may achieve long-awaited redevelopment goals for the bayfront. The relocation will enable the Port to provide consolidated and publicly accessible uses, as well as important shoreline enhancements in the area of the existing substation.

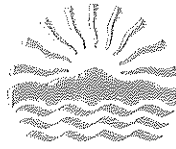
The Port has worked collaboratively with San Diego Gas & Electric Company for several years to facilitate the relocation of the substation by entering into a land exchange agreement with them. The land exchange was approved earlier this year by the Board of Port Commissioners and the California State Lands Commission. We fully support the efforts of this project and look forward to continuing the progress that has begun on the bayfront.

Best Regards,



Chris Hargett  
Area Real Estate Manager





CITY OF  
CHULA VISTA

OFFICE OF THE CITY COUNCIL

April 20, 2010

Ms. Mary Turley  
San Diego Gas & Electric

By E-mail: [mturley@semprautilities.com](mailto:mturley@semprautilities.com)

Dear Ms. Turley:

As the members of the Chula Vista City Council Energy Subcommittee, we offer our strong support for the project to relocate the SDG&E Substation on the Chula Vista Bayfront. We are eager to have the substation relocated as another part of what is needed to develop our Chula Vista Bayfront Master Plan.

We expect to see the South Bay Power Plant removed from our Bayfront soon. Relocating the substation will also be an important component to the redevelopment of our Bayfront.

We urge SDG&E to work with the US Fish and Wildlife Service regarding any issue of adjacency to the National Wildlife Refuge.

Thank you very much for your efforts to improve the Chula Vista Bayfront for our residents.

Warm Regards,

Steve Castaneda  
Councilmember

Pamela Bensoussan  
Councilmember





# Environmental Health Coalition

## COALICION de SALUD AMBIENTAL

401 Mile of Cars Way, Suite 310 ♦ National City, CA 91950 ♦ (619) 474-0220 ♦ FAX: (619) 474-1210  
ehc@environmentalhealth.org ♦ www.environmentalhealth.org

April 16, 2010

Ms. Mary Turley  
San Diego Gas & Electric

By Email: [Mturley@sempreutilities.com](mailto:Mturley@sempreutilities.com)

Dear Ms. Turley:

Environmental Health Coalition (EHC) is writing today to offer our support for the project to relocate the SDG&E Substation on the Chula Vista Bayfront. We have known about and supported this effort for several years as part of what is needed to develop a reasonable and improved Chula Vista Bayfront Master Plan.

EHC has been deeply engaged in the re-planning of the land uses for the Bayfront. Removal of the South Bay Power Plant and relocation of the substation to an area further south is key to redevelopment of the site. Such actions will allow increased public access to local residents and increased habitat and water quality protections for the Bay.

We urge SDG&E to work with the US Fish and Wildlife Service regarding any issues of adjacency with the National Wildlife Refuge.

We support your efforts in this matter and look forward to working with SDG&E on this project in the future.

Sincerely,

Laura Hunter  
Associate Director for Programs  
Environmental Health Coalition







CHULA VISTA  
CHAMBER  
OF COMMERCE

233 Fourth Avenue  
Chula Vista, CA 91910  
Tel.: 619-420-6603 Fax: 619-420-1269  
E-mail: [info@chulavistachamber.org](mailto:info@chulavistachamber.org)  
Website: <http://www.chulavistachamber.org>

## BOARD OF DIRECTORS

June 11, 2010

### President

Scott Vinson

Mr. Ahmad Solomon  
San Diego Gas & Electric

### President Elect

Bob Bliss

Dear Mr. Solomon:

### Vice Presidents

Kevin Carlson  
Nicole Hohenstein  
Lisa Johnson  
Ahmad Solomon  
Steve Miesen

I am the CEO of the Chula Vista Chamber of Commerce, Chula Vista Convention and Visitors Bureau and the Chula Vista Tourism Marketing District. The Chula Vista Chamber of Commerce is an 83-year old organization that serves as the voice of over 1,000 local businesses that provide jobs, generate tax revenue, build infrastructure, and provide services for the City of Chula Vista. Our members are the key contributors to Chula Vista's economy and have helped foster growth of new business and commerce throughout the region.

### Past President

Lourdes Valdez

The Chula Vista Chamber of Commerce is writing to offer its support of the proposed Bay Boulevard Substation on the Chula Vista Bayfront. The Chamber has known about and supported this effort for several years as part of what is needed to redevelop the Bayfront.

### Directors

Lowell Billings  
Richard D'Ascoli  
Brett Davis  
Michael Green  
William Hall  
David Hoffman  
Charles Moore  
Jay Norris  
Jaime Ortiz  
Jerry Rindone  
Jyoti Sarolia

The Chula Vista Chamber has been extremely active in the planning of the land uses for the Bayfront. The proposed substation will afford SDG&E the opportunity to decommission and dismantle the existing South Bay Substation and afford the City of Chula Vista and the Port of San Diego the ability to attract a world-class convention center and hotel, improve the habitat and improve public access for of the Bayfront.

The Chamber supports your efforts and looks forward to working with SDG&E in the future.

Sincerely,

A handwritten signature in black ink that reads "Lisa Cohen".

Lisa Cohen  
CEO  
Chula Vista Chamber of Commerce  
233 4<sup>th</sup> Avenue  
Chula Vista, CA 91910  
Work # (619) 420-6603  
Fax # (619) 420-1269

[lisa@chulavistachamber.org](mailto:lisa@chulavistachamber.org)

### Special 1 Year Terms

Greg Mattson

### CEO

Lisa Cohen